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ISO/TS16949.ISO 9001

Zenith Troop Industrial Co. Ltd



TIICK[®]

ASIA SERIES

14

ISO/TS 16949 Certificated

TAIWAN PISTON MANUFACTURER

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TIK Piston Management Principal

Set a goal of managing continuously with an internationalization view to improve the service quality. Serve and satisfy customers and keep Zenith growing forever.

Company Profile

1985	Zenith establish with US \$ 100000 procured by stockholder with 10 employees, one production line.
1987	Specializing in the pistons of motorcycles. 600 square meters factory are built with 3 production lines.
1988	Start producing pistons of small engines and build additional 500 square meters factory. The melting automatically control system is started.
1989	600 square meters handing factory with 5 production lines. Starts participate in the domestic spare parts show once a year.
1990	Precision instruments are implemented and participate in the international spare parts show. Production reward system is presented.
1991	Casting standardization is assisted and guided by I.T.R.I. Start implementing clean packing automated system.
1992	8 Production lines are loaded.
1993	Start computerizing management system and investing US \$ 500000 to establish Da Tong Auto Parts Corporation in Shanghai with HC as its brand.
1994	Use the NC machine and start the automatically production system.
1995	Implementing CNC lathe and build a new 800 square meters factory. Meanwhile, International Standardization System (ISO) is guided in Taiwan.
1996	ISO 9002 is approved in Taiwan. TIK starts providing liner kits service. Meanwhile, Shanghai Da Tong Corporation increases 3 production lines.
1997	Start implementing Management Information System (MIS) in Taiwan. Meanwhile, ISO 9002 is applied for Shanghai Da Tong Corporation.
1998	QS 9000 quality standard system is guided in Taiwan. On the other hand, ISO 9002 is approved in Shanghai Da Tong Corporation.
1999	QS 9000 quality standard system is approved. (Certificated by BSI U.K)
2000	Da Tong Corporation starts to be guided by TIK Taiwan and becoming qualified supplier for U.S Carrier Corporation.
2001	Use new metallographic microscope and digital piston profile instrument.
2002	ISO/TS 16949 is guided in Taiwan. At the same time, implementing new equipment for anti-crown melting and enhance crown hardness.
2004	ISO/TS 16949 quality standard system is approved. Start developing forged piston for racing cars .
2005	Piston Skirt printing equipment is used in both Taiwan and China factories. Start producing piston cylinder bore diameter with 180 mm.
2006	Continually expanding Shanghai Da Tong Corporation.
2007	Da Tong factory is expanded as 4 new factories with 2000 m ² . New performance measurement system is loaded. Implement alfin ultrasonic inspection equipment.
2008	Whole new warehouse is developed with 2400 m ² in Taiwan. Also, new equipment for casting is designed. Implement bronze bushing insert equipment.
2009	Taiwan factory start designing and developing 200 mm pistons and bi-metal piston. Continually improves the MIS System.
2010	Start implementing 4-spindle CNC lath for racing pistons.
2011	Taiwan facility has the ability to produce 240mm diameter piston.
2012	Taiwan facility implementing high accurate checking device.
2013	Zenith pass BRAZIL INMETRO Certification and implementing high accurate production system to cooperate more worldwide clients.

善統工業經營理念

以永續經營的觀點，國際化的視野持續提升產品品質，服務顧客，使顧客滿意，讓公司向無止境的成長。

產品項目

各式汽機車、小型引擎活塞、活塞肖、活塞環、汽缸、汽缸套組件

公司簡介

1985	由股東籌資伍佰萬元由經濟部核准設立，創立時員工 10 名。生產線一條，專門生產摩托車活塞，廠房為 600 平方米。
1987	開始生產小引擎活塞，生產線為三條
1988	配合產能增建鑄造廠房 500 平方米，引進熔解自動控制系統
1989	配合產能增加，輔助廠房，理貨廠房 600 平方米增建完成。生產線增為 5 條，開始參加國內每年一度的汽機車零配件展。
1990	配合提升產品品質，引進各類精密儀器開始參加國外汽車零配件展，經由管理顧問輔導引進生產獎金制度
1991	由工研院材料所輔導建立鑄造標準化，並引進清洗包裝自動化系統
1992	產能擴充為 8 條生產線
1993	引進電腦，使公司邁入電腦化經營管理體制。為擴充產能投資新台幣壹仟六佰萬元，至大陸上海設廠生產活塞及環的工廠
1994	引進 CNC 綜合加工機，使生產邁入電腦自動化生產系統，大陸廠建設完成。3 條產線，員工 70 人
1995	引進 CNC 車床，並擴建 800 平方米新廠房一棟
1995	導入國際品質保證標準系統。
1996	通過國際品質保證標準系統 ISO 9002 認證通過
1997	導入電腦管理資訊系統(MIS)使經營管理更上一層樓。
1998	導入 QS 9000 品質標準系統。
1999	通過 QS 9000 品質標準系統(由英國 BSI 認證)
2000	引進活塞自動噴塗設備。
2001	引進新型肖孔機，改善肖孔的精密度。
2001	再度引進新型金相顯微鏡及電腦數據活塞測試儀。
2002	導入 ISO/TS16949 品質標準系統。
2004	台灣廠通過 ISO/TS 16949 ;開發賽車用活塞
2005	台灣廠、大陸廠引進新式網印設備；活塞可生產至 180 mm 外徑
2007	台灣廠持續通過 ISO/TS 16949，大陸廠擴建 2000 平方米廠房，並制定新式績效評定及獎金制度，導入耐磨環超音波檢驗設備
2008	台灣廠全新倉庫啟用，引進鑄造自動化設備，導入肖孔銅套嵌入設備，大陸廠增建第 6 條生產線
2009	台灣廠活塞可生產 200mm，生產搖擺式活塞（鑄鐵活塞）；電腦軟體持續更新
2010	台灣廠引進鑄造全自動設備，跑車活塞 4 軸加工設備
2011	台灣廠活塞生產外徑達 240mm 活塞
2012	高精度檢測儀器導入，進行更高性能與精度產品的量測。
2013	巴西 INMETRO 認證通過，並引進高精度生產設備與世界知名大廠合作。

Material Table (JIS Standard)

合金成份 Chemical Composition%

Material	Cu	Mg	Ni	Si	Ti	Fe	Zn	Mn
AC8A	0.8~1.3	0.7~1.3	1.0~2.5	11~13	<0.2	<0.7	<0.1	<0.1
AC8B	2.0~4.0	0.5~1.5	0.2~1.5	8.5~10.5	<0.2	<1.0	<0.5	<0.5
AC8C	2.0~4.0	0.5~1.5	-----	8.5~10.5	<0.2	<1.0	<0.5	<0.5
AC9A	0.5~1.5	0.6~1.5	0.5~1.5	22~24	0.2<	0.7<	0.2<	0.5<
AC9B	0.5~1.5	0.6~1.5	0.5~1.5	18~20	0.2<	0.7<	0.2<	0.5<

鍛造活塞材質 Racing Piston Material Properties

Material for Aluminum Forged Piston	Cu	Mg	Ni	Si	Ti	Fe	Zn	Cr
4032	0.5~1.3	0.8~1.3	0.5~1.3	11~13.5	-----	1.0	0.25	0.10
2618	1.9~2.7	1.3~1.8	0.9~1.2	0.10~0.25	0.04~0.10	0.9~1.3	0.10	-----

熱處理 Heat Treatment

Heat Treatment 熱處理方式	Quenching 淬火	Tempering 燒質
T5		180~205 °C 8hr
T6	460~510 °C	180~205 °C 16hr

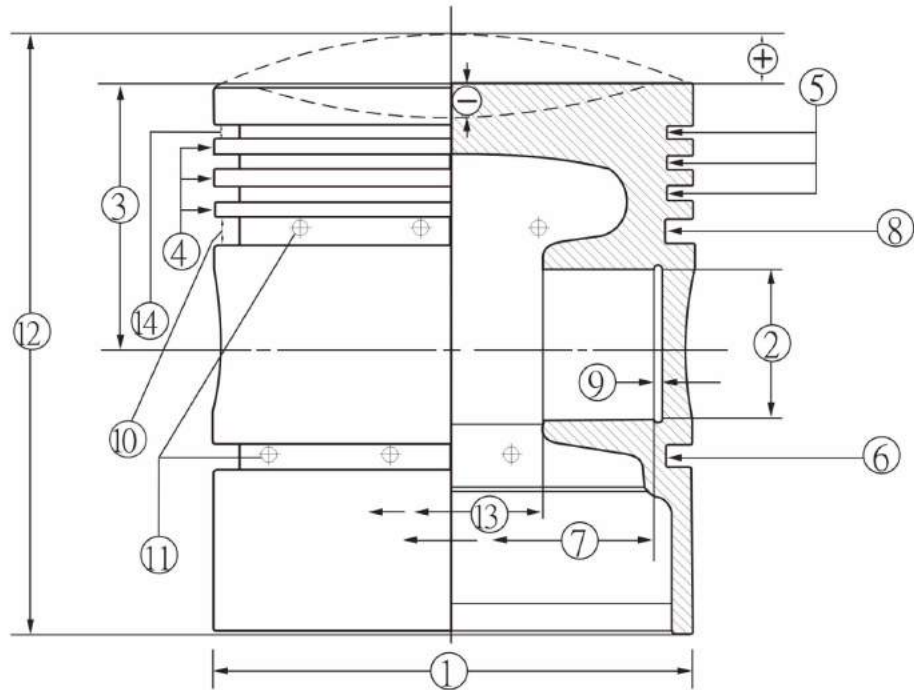
機械性質 Mechanical Properties

	Heat Treatment 熱處理	Kg/mm Tensile Strength (Kg/mm) 抗張強度	Hardness (HRB) 硬度	Elongation 伸張力
AC8A	T5	>22	58~68	>0.5
	T6	>28	62~74	>0.5
AC8B	T5	>23	58~68	>0.5
	T6	>28	64~74	>0.5
AC8C	T5	>25	55~65	>0.5
AC9A	T5	>18	57~69	>0.3
AC9B	T5	>20	57~69	>0.3

熱膨脹 Thermal Expansion

合金名稱 Material Name	熱膨脹係數 (Thermal Expansion Coefficient)			比重 (Specific Gravity)
	20~100 °C	20~200 °C	20~300 °C	
AC8A	19.2 x 10 ⁻⁶	20.6 x 10 ⁻⁶	21.9 x 10 ⁻⁶	2.73
AC8B	20.2 x 10 ⁻⁶	21.6 x 10 ⁻⁶	23.1 x 10 ⁻⁶	2.75
AC8C	20.2 x 10 ⁻⁶	21.6 x 10 ⁻⁶	23.1 x 10 ⁻⁶	2.75
AC9A	17.8 x 10 ⁻⁶	18.5 x 10 ⁻⁶	19.2 x 10 ⁻⁶	2.62
AC9B	18.2 x 10 ⁻⁶	19.1 x 10 ⁻⁶	20.1 x 10 ⁻⁶	2.63

IMPORTANT PISTON TERMS 活塞各部名稱



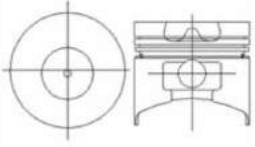
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|----------------------------------|------|---------------------------------|------------|
| 1. Cylinder Bore Dia (Std,Size) | 外徑 | 9. Circlip Width | 止動環溝寬 |
| 2. Piston Pin Dia | 肖孔徑 | 10. Upper Oil Ring Width | 油環寬 |
| 3. Compression Height | 壓縮高 | 11. Oil Hole Dia | 油孔徑 |
| 4. Ring Land | 環岸 | 12. Piston Length | 活塞長度(全長) |
| 5. Ring Groove Dia . (Comp.Ring) | 壓縮環徑 | 13. Distance between the Bosses | 浮凸間距(Boss) |
| 6. Bottom Ring Groove Dia | 裙部環徑 | 14. Comp, Ring Width | 壓縮環寬 |
| 7. Piston Pin Length | 肖長 | + . Height of Dome | 凸高度 |
| 8. Upper Oil Ring Groove Dia | 油環徑 | - . Depth of Dish | 凹深度 |

Instruction for Using TIK Catalog



ZENITH TROOP IND. CO., LTD
TAIWAN PISTON MANUFACTURER



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
A1116 1 Cyl.	∅ 90 -14.8 CD 40 TL 80	2-2.0 1-4.0	∅ 22 TL 64 R22		TL OD FT FD	TIK NO.
	TIK NO. 2L900600	TIK NO. R2L900600	TIK NO. P2L900600	TIK NO.	TIK NO.	
Surface Treatment OD	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
1	2	3	4	5	6	7

Column 1

- Engine Model Name
- Number of Cylinders
- Surface Treatment Code
(Please check the Surface Treatment Code Explanation Page for more Information)

Column 2

- ∅ – Piston Bore Diameter
- CD – Compression Distance
- TL – Total Length of piston
- **TIK Piston NO. System**
 - Suffix **T** direct to "Alfin (Ring Carrier) Type"
 - Suffix **H** direct to "Alfin and Cooling Gallery"
 - Suffix **L** direct to "No Alfin but with Cooling Gallery"
- Reference No
- Some Original No. Is Given for Reference Purpose

Column 3

- Piston Ring Dimension Information is Indicated in this Column

Column 4

- Piston Pin Dimension Information is Indicated in this Column
- ∅ – Piston Pin Diameter
- TL – Total Length of Pin
- Circlip Types: For this Column, Reader will Notice **R**, **SP** and Relevant No. which Indicates Following Types of Circlips.

R Type SP Type SPC Type SPG Type



Column 6

- TL – Total Length of Cylinder Liner
- OD – Outside Diameter of Cylinder Liner
- FT – Flange Thickness of Cylinder Liner
- FD – Flange Diameter of Cylinder Liner
- **TIK Cylinder Liner No. System:**
 - Prefix "**LNSN**" Means Liner with Semi-Finished and No Flange
 - Prefix "**LNSF**" Means Liner with Semi-Finished and Flange
 - Prefix "**LNFF**" Means Liner with Fully-Finished and Flange Type
 - Prefix "**LNCF**" Means Liner with Chromed Treatment and Flanged
 - Prefix "**LNPF**" Means Liner with Phosphate Treatment and Flanged
 - Reference No – Some Original No. Is Given for Reference Purpose

Column 7

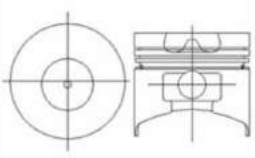
- **TIK Liner Kit No. System:**
 - Prefix "**LKSN**" Means Liner Kit with Semi-Finished and No Flange
 - Prefix "**LKSF**" Means Liner Kit with Semi-Finished and Flange
 - Prefix "**LKFF**" Means Liner Kit with Fully-Finished and Flange Type
 - Prefix "**LKCF**" Means Liner Kit with Chromed Treatment and Flanged
 - Prefix "**LKPF**" Means Liner Kit with Phosphate Treatment and Flanged

善統活塞表格說明



ZENITH TROOP IND. CO., LTD
TAIWAN PISTON MANUFACTURER



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
A1116 1 Cyl.	Ø 90 -14.8 CD 40 TL 80	2-2.0 1-4.0	Ø 22 TL 64 R22		TL OD FT FD	TIK NO.
	TIK NO. 2L900600	TIK NO. R2L900600	TIK NO. P2L900600	TIK NO.	TIK NO.	
Surface Treatment OD	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

1	2	3	4	5	6	7
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欄位 1

- Engine Model Name 發動機代號
- Number of Cylinders 缸數
- Surface Treatment Code 表面處理代碼
(請參考表面處理代碼頁了解代碼意義)

欄位 2

- Ø – Piston Bore Diameter 活塞外徑
- CD – Compression Distance 壓縮高
- TL – Total Length of piston 總高度
- TIK 活塞編碼原則:
 - 尾碼 T 表示“活塞含耐摩環”
 - 尾碼 H 表示“活塞含耐摩環和內冷油道”
 - 尾碼 L 表示“活塞不含耐摩環含內冷油道”
- Reference No – 原廠活塞編號供參考對照

欄位 3

- 活塞環尺寸資料於此欄顯示

欄位 4

- 活塞肖尺寸資料於此欄位顯示
- Ø – 活塞肖直徑
- TL – 活塞肖長度
- 扣環種類也在此欄位中顯示。扣環共分為 R, SP, SPC, SPG 四類,扣環中的數字為尺寸參照,僅供參考。以下為四類扣環圖型

R Type SP Type SPC Type SPG Type



欄位 6

- TL – 汽缸總長
- OD – 汽缸外徑
- FT – 汽缸唇部厚度
- FD – 汽缸唇部直徑
- TIK 汽缸編碼原則:
 - 前 4 碼 “LNSN” 指半成品無唇汽缸
 - 前 4 碼 “LNSF” 指半成品有唇汽缸
 - 前 4 碼 “LNFF” 指成品有唇汽缸
 - 前 4 碼 “LNCF” 指成品有唇鍍鉻汽缸
 - 前 4 碼 “LNPF” 指成品有唇磷化汽缸
- Reference No – 原廠汽缸編號供參考對照

欄位 7

- TIK Liner Kit No.編碼原則:
 - 前 4 碼 “LKSN” 指半成品無唇 Liner Kit
 - 前 4 碼 “LKSF” 指半成品有唇 Liner Kit
 - 前 4 碼 “LKFF” 指成品有唇 Liner Kit
 - 前 4 碼 “LKCF” 指成品有唇鍍鉻 Liner Kit
 - 前 4 碼 “LKPF” 指成品有唇磷化 Liner Kit

TIK Piston Surface Treatment Explanation

Code	Surface Treatment	Code	Surface Treatment
00	Bright Surface	0W	Bright Surface; Top/2nd Ring Land Anodized; Skirt MOS
0A	Tin Coating	0X	Head Anodized, then Black Coating
0B	Black Coating	0Y	Tin Coating; Top Ring Land Anodized
0C	Bronze Color	0Z	Black Coating; Head & Top Ring Land & Skirt MOS2
0D	Black Coating; Skirt MOS2 Treated	1A	Bright Surface; Head to 2nd Ring Land Anodized
0E	Bright Surface; Skirt MOS2 Treated; Dark Green	1B	Bright Surface; Head~2nd Ring Land Anodized; Skirt MOS2
0F	Bright Surface; Head Anodized	1D	Black Coating; Head MOS2
0G	Tin Coating; Head Anodized	1E	Tin Coating; Head & Skirt MOS2 Treated
0H	Bright Surface; Top or 2nd Ring Land & Skirt MOS2	1F	Tin Coating; Head Anodized; Skirt MOS2 Treated
0I	Black Coating; Head Anodized	1G	Tin Coating; Head to 2nd Ring Land Anodized
0J	Bright Surface; Skirt MOS2 Treated	1H	Bright Surface; Head & Skirt MOS2 Treated
0K	Tin Coating; Top Ring Land Anodized	1I	Tin Coating; Head~2nd Ring Land Anodized; Skirt MOS2
0L	Bright Surface; Top or 2nd Ring Land Anodized	1J	Tin Coating; Top Ring Land Anodized; Skirt MOS2
0M	Bright Surface; Head Anodized; Skirt MOS2 Treated	1K	Bright Surface; Head Anodized; Skirt MOS2 Treated
0N	Tin Coating; Skirt MOS2 Treated	1L	Tin Coating; Head & Top Ring Land & Skirt MOS2
0P	Iron Gray	1M	Black Coating; Skirt MOS2 Treated
0Q	Bright Surface; Head MOS2 Treated	1N	Black Coating; Head to 2nd Ring Land Anodized
0R	Black Coating; Head Anodized; Skirt MOS2 Treated	1R	Tin Coating; Skirt MOS2 Treated
0S	Tin Coating under Top Ring Land	1T	Bright Surface; Skirt MOS2(including pattern)
0T	Bright Surface; Skirt MOS2 Treated	1U	Black Coating; Top Ring Land Anodized
0U	Black Coating, then Tin Coating	1V	Black Coating; Top Ring Land Anodized; Skirt MOS2
0V	Black Coating; Head & Skirt MOS2 Treated	1W	Black Coating; Head~2nd Ring Land Anodized; Skirt MOS

TIK Piston 表面處理代碼

代碼	表面處理	代碼	表面處理
00	亮面	0W	亮面溝硬化不含頭部裙部二硫化鉬
0A	鍍錫	0X	頭部硬化,後鍍黑
0B	鍍黑	0Y	鍍錫 溝硬化(不含頭部)
0C	古銅色	0Z	鍍黑 頭部外徑及裙部二硫化鉬
0D	鍍黑 裙部部分二硫化鉬	1A	亮面 頭部硬化至 No:2 環岸
0E	亮面 裙部二硫化鉬 墨綠色	1B	亮面頭部硬化至 2nd 環岸裙部二硫
0F	亮面 頭部硬化	1D	鍍黑 頭部部分二硫化鉬
0G	鍍錫 頭部硬化	1E	鍍錫 頭部及裙部二硫化鉬
0H	亮面 頭部的外徑及裙部二硫化鉬	1F	鍍錫 頭部硬化 裙部二硫化鉬
0I	鍍黑 頭部硬化	1G	鍍錫 頭部硬化至 No:2 環岸
0J	亮面 裙部二硫化鉬	1H	亮面 頭部及裙部二硫化鉬
0K	鍍錫 溝硬化(不含頭部)	1I	鍍錫頭部硬化至 No:2 環岸裙部二硫
0L	亮面 溝硬化(不含頭部)	1J	鍍錫溝硬化(不含頭部)裙部二硫化
0M	亮面 頭部硬化 裙部二硫化鉬	1K	亮面,頭部部份硬化,裙部二硫化鉬
0N	鍍錫 裙部部分二硫化鉬	1L	鍍錫 頭部外徑及裙部二硫化鉬
0P	鐵灰色	1M	鍍黑 裙部二硫化鉬
0Q	亮面 頭部二硫化鉬	1N	鍍黑 頭部硬化至 No:2 環岸
0R	鍍黑 頭部硬化 裙部二硫化鉬	1R	鍍錫 裙部二硫化鉬
0S	油溝以下鍍錫	1T	亮面 裙面二硫化鉬(含圖案)
0T	亮面 裙部部份二硫化鉬	1U	鍍黑 溝硬化(不含頭部)
0U	鑄造完先鍍黑加工完鍍錫	1V	鍍黑溝硬化(不含頭部)裙部 MOS2
0V	鍍黑 頭部及裙部二硫化鉬	1W	鍍黑頭部硬化至 No:2 環岸裙部二硫

TIK Engine Parts Installation Process

Start from the year of 1986 until now, TIK has the ability to provide the 220mm size heavy duty pistons. For implementing ultrasonic ring carrier checking device, we can approve our quality and make sure the piston are durable within the engine. With having more than 30 years diesel piston design experience, we can provide thorough solution with accurate application once we receive customer's demand. By providing excellent quality, TIK Engine Component is one of the most reliable piston providers for AM market in the globe.

Piston

Piston and pin are carefully tested before sending to the market. Those items are lubricated with anti-rusted oil and then packed. Its highly recommend to equip each piston set with its own pin and cylinders as those items have been check the fitness of each other before sending to the individuals. Fitting of pistons have to be done according to the sign at the piston crown for the installation direction.

Rings

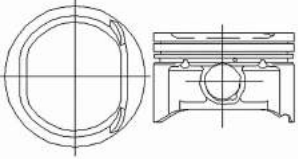
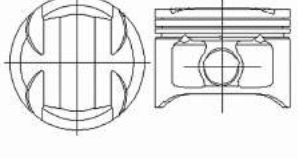
Rings fitting need extra careful during the installation. With the installation mistake for the rings might leads to permanent deformation and affect the performance of the engine. The ring gaps have to be distributed evenly around the piston ring groove area.

Liner

Liners with centrifugal casting are manufactured according to the original design and specifications. For those high accurate cylinder.

Extra care has to be implemented as all those items need to be cleaned thoroughly. Oil and oil filter must be changed in proper period of time to decrease the risk of broken and engine.

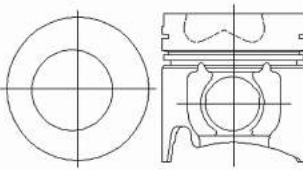
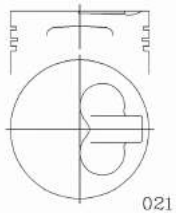
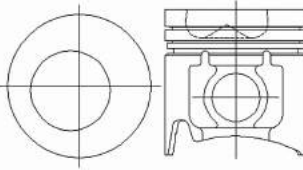
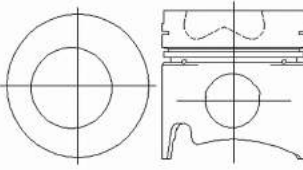


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4 Cyl. 	\emptyset 83.6 -3 CD 28.6 TL 52.6	1-1.2 1-1.5 1-2.5	\emptyset 21 TL 10		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2C836100	R2C836100	P2C836100			
	REFERENCE NO. SQR484F	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						
A516 4 Cyl. 	\emptyset 81 +0.9 CD 34.7 TL 58.7	1-1.2 1-1.5 1-2.5	\emptyset 21 TL 60		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2C810100	R2C810100	P2C810100			
	REFERENCE NO. SPERANZA	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0N						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6135 GE 6 Cyl.	∅ 135 CD 109.8 TL 180		∅ 48 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z135100	TIK NO.	TIK NO. P2Z135100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
6135Q1 6 Cyl.	∅ 135 CD 110 TL 180		∅ 48 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z135200	TIK NO.	TIK NO. P2Z135200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
6135Q1A 6 Cyl.	∅ 135 CD 110.15 TL 180		∅ 48 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z135300	TIK NO.	TIK NO. P2Z135300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
6130 6 Cyl.	∅ 130 CD 90 TL 157		∅ 45 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z13010T	TIK NO.	TIK NO. P2Z13010T	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
6120 6 Cyl.	∅ 120 CD 90 TL 147		∅ 45 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z120100	TIK NO.	TIK NO. P2Z120100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4120F 4 Cyl.	∅ 120 CD 90 TL 147		∅ 45 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z120200	TIK NO.	TIK NO. P2Z120200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
6113B 6 Cyl.	∅ 113 -22.2 CD 68.4 TL 113.8	1-3.1K 1-2.5 1-5.0	∅ 38 TL 90 R38		TL OD FT FD	TIK NO.
	TIK NO. 2Z113010 2Z11301T	TIK NO. R2Z113010	TIK NO. P2Z113010	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0F						
6110 6D14 6 Cyl.	∅ 110 CD 70.8 TL 113	1-3.0 1-2.5 1-5.0	∅ 38 TL 90		TL OD FT FD	TIK NO.
	TIK NO. 2Z110100	TIK NO. R2Z110100	TIK NO. P2Z110100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
6110AKZLA9 6 Cyl.	∅ 110 -21.5 CD 68.4 TL 113.4	1-3.3K 1-2.0 1-4.0	∅ 38 TL 90 R38		TL OD FT FD	TIK NO.
	TIK NO. 2Z110200 2Z11020T	TIK NO. R2Z110200	TIK NO. P2Z110200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0D						
6110AKZ1A2 6 Cyl.	∅ 110 -21.8 CD 68.3 TL 113.4	1-3.1K 1-2.5 1-5.0	∅ 38 TL 90 R38		TL OD FT FD	TIK NO.
	TIK NO. 2Z110300 2Z11030T	TIK NO. R2Z110300	TIK NO. P2Z110300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0D						

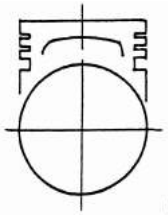
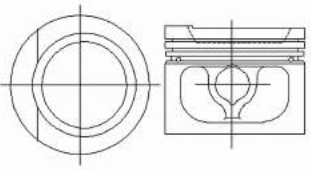

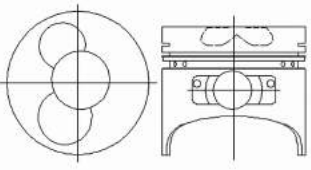


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6110AK2 6 Cyl.	∅ 110 -23 CD 68.3 TL 113.4	2-3.1K 1-4.0	∅ 42 TL 90 R42		TL OD FT FD	TIK NO.
	TIK NO. 2Z110400 2Z11040T	TIK NO. R2Z110400	TIK NO. P2Z110400	TIK NO.	TIK NO.	
Surface Treatment OR	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
6102 6BD1 6 Cyl.	∅ 102 CD 62.9 TL 112		∅ 35 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z102100	TIK NO. R2Z102100	TIK NO. P2Z102100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
6102/A 6BB1 6 Cyl.	∅ 102 CD 58.8 TL 104		∅ 35 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z102200	TIK NO. R2Z102200	TIK NO. P2Z102200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
CA141 6 Cyl.	∅ 101 CD 53.3 TL 102		∅ 28 TL 82		TL OD FT FD	TIK NO.
	TIK NO. 2Z101100	TIK NO. R2Z101100	TIK NO. P2Z101100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
EQ140 6 Cyl.	∅ 100 CD 52.5 TL 99.5	3-2.5 1-4.8	∅ 28 TL 82		TL OD FT FD	TIK NO.
	TIK NO. 2Z100100	TIK NO. R2Z100100	TIK NO. P2Z100100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	

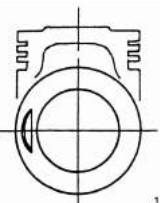
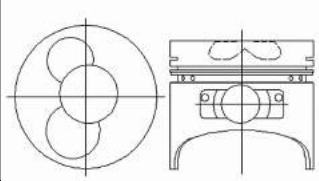


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
495A 4 Cyl.	∅ 95 CD 72 TL 117		∅ 35 TL		TL OD FT FD	TIK NO.
	TIK NO. 2Z950100	TIK NO. R2Z950100	TIK NO. P2Z950100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
495Q 4 Cyl.	∅ 95 -19.6 CD 58.1 TL 96.9	1-2.5K 1-2.5 1-4.5	∅ 31 TL 79		TL OD FT FD	TIK NO.
	TIK NO. 2Z950200	TIK NO. R2Z950200	TIK NO. P2Z950200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4931 4 Cyl.	∅ 93 -14.6 CD 47.8 TL 88	2-2.0 1-4.0	∅ 31 TL 76		TL OD FT FD	TIK NO.
	TIK NO. 2Z930100	TIK NO. R2Z930100	TIK NO. P2Z930100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4932 4 Cyl.	∅ 93 -14.6 CD 51.8 TL 92	2-2.0 1-4.0	∅ 31 TL 76		TL OD FT FD	TIK NO.
	TIK NO. 2Z930200	TIK NO. R2Z930200	TIK NO. P2Z930200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
BJ212 4 Cyl.	∅ 92 CD 51 TL 100	2-2.5 1-5.0	∅ 25 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 2Z920100	TIK NO. R2Z920100	TIK NO. P2Z920100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						

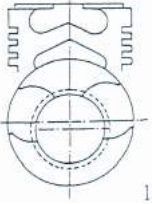
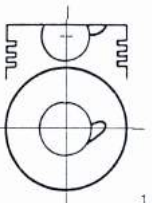
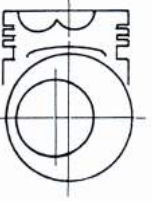
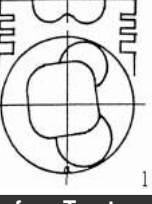


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
VOLKA 4 Cyl.	Ø 92 CD 51 TL 91.3	2-2.0 1-5.0	Ø 25 TL		TL OD FT FD	TIK NO.
 01	TIK NO. 2Z920200	TIK NO. R2Z920200	TIK NO. P2Z920200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
CA488Q 4 Cyl.	Ø 87.5 CD 40.5 TL 71.3	2-1.5 1-4.0	Ø 22.897 TL 71		TL OD FT FD	TIK NO.
	TIK NO. 2Z875100 2Z87510T	TIK NO. R2Z875100	TIK NO. P2Z875100	TIK NO.	TIK NO.	
Surface Treatment	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
SANTANA 026Q 4 Cyl.	Ø 81 -9 CD 33.5 TL 62.4	1-1.5 1-1.75 1-3.0	Ø 20 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 2Z810100	TIK NO. R2Z810100	TIK NO. P2Z810100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
SANTANA 049F 4 Cyl.	Ø 81 -9 CD 33 TL 62.4	1-1.5 1-1.75 1-3.0	Ø 20 TL 65		TL OD FT FD	TIK NO.
 120	TIK NO. 2Z810200	TIK NO. R2Z810200	TIK NO. P2Z810200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
KM178F 1 Cyl.	Ø 78 -10.5 CD 34.5 TL 70	2-1.5 1-3.5	Ø 21 TL 59 R21		TL OD FT FD	TIK NO.
	TIK NO. 2Z780100	TIK NO. R2Z780100	TIK NO. P2Z780100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
POLONATZ AKA12 4 Cyl.  135 Surface Treatment 00	Ø 77 CD 43 TL 86	1-1.8 1-2.0 1-4.0	Ø 22 TL		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2Z770100	R2Z770100	P2Z770100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
KM170F 1 Cyl.  Surface Treatment 00	Ø 70 CD 31 TL 63	2-1.5 1-3.5	Ø 19 TL 51 R19		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2Z700100	R2Z700100	P2Z700100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
0.6E 6 Cyl. Surface Treatment 00	Ø 68 CD TL 29		Ø 22 TL		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2Z680100	R2Z680100	P2Z680100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

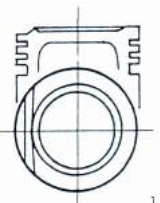
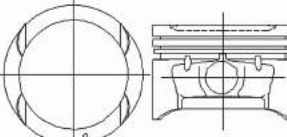
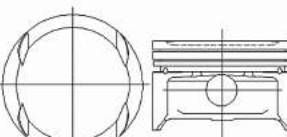
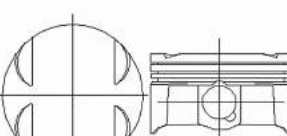
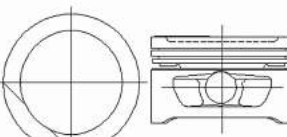


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4G19B 6 Cyl.  Surface Treatment	∅ 111 -25.5 CD 72.8 TL 121	1-3.5DK 1-4.0	∅ 42 TL 94		TL OD FT FD	TIK NO.
	TIK NO. 2D111100	TIK NO. R2D111100	TIK NO. P2D111100	TIK NO.	TIK NO.	
	REFERENCE NO. 65-025-02-0075	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
D0846 6 Cyl.  Surface Treatment	∅ 108 -41.8 CD 89 TL 145.5	2-2.5 1-5.0	∅ 42 TL 90		TL OD FT FD	TIK NO.
	TIK NO. 2D108100	TIK NO. R2D108100	TIK NO. P2D108100	TIK NO.	TIK NO.	
	REFERENCE NO. 65-02501-0014	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4D32/A 4 Cyl.  Surface Treatment	∅ 104 -18.8 CD 60.8 TL 110.8	1-3.0K 1-4.0	∅ 34 TL 84		TL OD FT FD	TIK NO.
	TIK NO. 2D104100	TIK NO. R2D104100	TIK NO. P2D104100	TIK NO.	TIK NO.	
	REFERENCE NO. MD013325	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
DHO5W 6 Cyl.  Surface Treatment	∅ 102 -19.1 CD 62.8 TL 112.3	1-3.0 1-5.0	∅ 35 TL 87		TL OD FT FD	TIK NO.
	TIK NO. 2D102100	TIK NO. R2D102100	TIK NO. P2D102100	TIK NO.	TIK NO.	
	REFERENCE NO. 5-12111-013	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
DB33 4 Cyl. Surface Treatment 0A	∅ 102 -18.9 CD 58.9 TL 98.2	1-3.0 1-5.0	∅ 35 TL 85		TL OD FT FD	TIK NO.
	TIK NO. 2D102300	TIK NO. R2D102300	TIK NO. P2D102300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

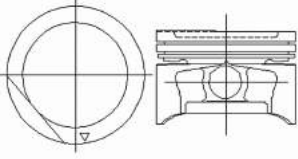
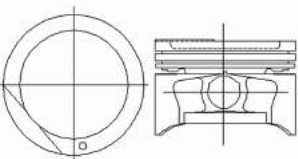
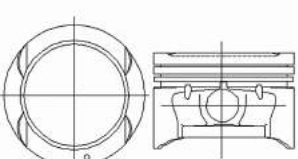
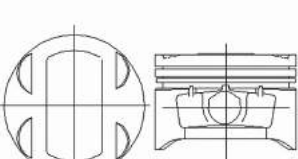
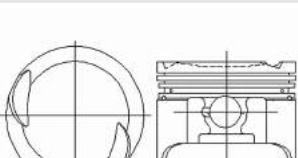


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
PRINCE 4 Cyl.	Ø 86 -3 CD 30.3 TL 55.1	2-1.5 1-3.0	Ø 21 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 2D860300	TIK NO. R2D860300	TIK NO. P2D860300	TIK NO.	TIK NO.	
Surface Treatment 0B	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
LEGANZA 1800 4 Cyl.	Ø 86 -6.4 CD 30.4 TL 55.4	2-1.5 1-3.0	Ø 21 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 2D860400	TIK NO. R2D860400	TIK NO. P2D860400	TIK NO.	TIK NO. LNSN2D860400	
Surface Treatment 0A	REFERENCE NO. 90501058 90501072	REFERENCE NO. 92029793 92029795 92062027 92062028		REFERENCE NO.	REFERENCE NO.	
C20JE 4 Cyl.	Ø 86 -5 CD 30.4 TL 50.4	2-1.5 1-3.0	Ø 21 TL 61.5		TL OD FT FD	TIK NO.
	TIK NO. 2D860600	TIK NO. R2D860600	TIK NO. P2D860600	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 306120L 2.0SE	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
1R1 4 Cyl.	Ø 81.6 -2 CD 30.5 TL 50.5	2-1.5 1-3.0	Ø 21 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 2D815100	TIK NO. R2D815100	TIK NO. P2D815100	TIK NO.	TIK NO.	
Surface Treatment 0N	REFERENCE NO. 8101A	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
3R1 4 Cyl.	Ø 81.6 -4 CD 30.4 TL 50.4	2-1.5 1-3.0	Ø 21 TL 61.5		TL OD FT FD	TIK NO.
	TIK NO. 2D816100	TIK NO. R2D816100	TIK NO. P2D816100	TIK NO.	TIK NO.	
Surface Treatment 0J	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

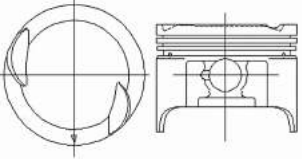


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
M3 RACER C 1.6 NZ X 1.6 SZ 4 Cyl.	∅ 79 -2.7 CD 28 TL 48	1-1.2 1-3.0	∅ 15 TL 55		TL OD FT FD	TIK NO.
 120 Surface Treatment 00	TIK NO. 2D790100	TIK NO. R2D790100	TIK NO. P2D790100	TIK NO.	TIK NO.	
	REFERENCE NO. 90295699	REFERENCE NO. A-R43150 G-0830690000 K-800020740000 M-01108N0		REFERENCE NO.	REFERENCE NO.	
NUBIRA 1.6 NUBIRA 1600/A 4 Cyl.	∅ 79 -2.9 CD 28.3 TL 51.3	1-1.2 1-3.0	∅ 18 TL 55		TL 180.0 OD 83.0 FT FD	TIK NO.
	TIK NO. 2D790200	TIK NO. R2D790200	TIK NO. P2D790200	TIK NO.	TIK NO. LNSN2D790200	
Surface Treatment 0A	REFERENCE NO. 96182846 93740219 93740220	REFERENCE NO. S1220014 S1220015 S1220016		REFERENCE NO.	REFERENCE NO.	
LACETTI 1.6 DOHC 4 Cyl.	∅ 79 -2.6 CD 27.8 TL 49.8	1-1.2 1-3.0	∅ 18 TL 55		TL OD FT FD	TIK NO.
	TIK NO. 2D790300	TIK NO. R2D790300	TIK NO. P2D790300	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 93740515	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
LACETTI 1.6D 4 Cyl.	∅ 79 -2.7 CD 27.1 TL 44.6	1-1.2 1-2.0	∅ 19 TL 50 SP22C		TL OD FT FD	TIK NO.
	TIK NO. 2D790400	TIK NO. R2D790400	TIK NO. P2D790400	TIK NO.	TIK NO.	
Surface Treatment 0M	REFERENCE NO. 96476296	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
A15DM 4 Cyl.	∅ 76.5 -3.3 CD 28 TL 48	2-1.5 1-3.0	∅ 18 TL 55		TL 180.0 OD 80.5 FT FD	TIK NO.
	TIK NO. 2D765100	TIK NO. R2D765100	TIK NO. P2D765100	TIK NO.	TIK NO. LNSN2D765100	
Surface Treatment 0A	REFERENCE NO. 96143171 90264520 96350120	REFERENCE NO. 93742293 93742294 93742295 NP960		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CIERO 4 Cyl.  Surface Treatment 0A	\emptyset 76.5 -3.4 CD 28 TL 51.2	2-1.5 1-3.0	\emptyset 18 TL 57		TL 180.0 OD 80.5 FT FD	TIK NO.
	TIK NO. 2D765200	TIK NO. R2D765100	TIK NO. P2D765200	TIK NO.	TIK NO. LNSN2D765100	
	REFERENCE NO. 96081975	REFERENCE NO. 93742293 93742294 93742295 NP960		REFERENCE NO.	REFERENCE NO.	
LANOS/A 4 Cyl.  Surface Treatment 0A	\emptyset 76.5 -4.5 CD 28 TL 51	2-1.5 1-3.0	\emptyset 18 TL 57		TL OD FT FD	TIK NO.
	TIK NO. 2D765400	TIK NO. R2D765400	TIK NO. P2D765400	TIK NO.	TIK NO.	
	REFERENCE NO. P96081918 P96081919	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
15D/A 4 Cyl.  Surface Treatment 0A	\emptyset 76.5 -2 CD 28.3 TL 51.3	2-1.5 1-3.0	\emptyset 18 TL 56		TL 180.0 OD 80.5 FT FD	TIK NO.
	TIK NO. 2D765500	TIK NO. R2D765100	TIK NO. P2D765500	TIK NO.	TIK NO. LNSN2D765100	
	REFERENCE NO. 96182814 96182813 96182815 96182816	REFERENCE NO. 93742293 93742294 93742295 NP960		REFERENCE NO.	REFERENCE NO.	
A15MF 4 Cyl.  Surface Treatment 0A	\emptyset 76.5 -1.8 CD 28.3 TL 51.8	2-1.5 1-3.0	\emptyset 18 TL 54.5		TL 180.0 OD 80.5 FT FD	TIK NO.
	TIK NO. 2D765600	TIK NO. R2D765100	TIK NO. P2D765600	TIK NO.	TIK NO. LNSN2D765100	
	REFERENCE NO. 96183336 96182163	REFERENCE NO. 93742293 93742294 93742295 NP960		REFERENCE NO.	REFERENCE NO.	
TICO F8C 3 Cyl.  Surface Treatment 00	\emptyset 68.5 -2.5 CD 25 TL 55	1-1.2 1-2.8	\emptyset 16 TL 53 SP18		TL 160.0 OD 72.5 FT FD	TIK NO.
	TIK NO. 2D685100	TIK NO. R2D685100	TIK NO. P2D685100	TIK NO.	TIK NO. LNSN2D685100	
	REFERENCE NO. 12111-A78B01-0B0 94581407	REFERENCE NO. 12140-78B00 94599003		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
B10S 4 Cyl.	Ø 68.5 -3.2 CD 25.3 TL 52.3	2-1.2 1-2.5	Ø 17 TL 53 SP19.5		TL OD FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 2D685300	TIK NO. R2D685300	TIK NO. P2D685300	TIK NO.	TIK NO. LNSN2D685300	
	REFERENCE NO. 96325189 96325191 96567383	REFERENCE NO. 96325192 96611457 96611458		REFERENCE NO.	REFERENCE NO.	

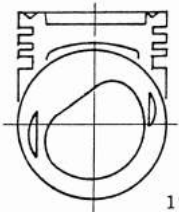
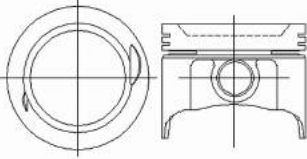
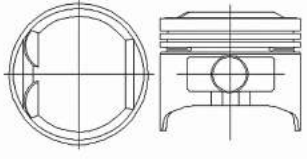
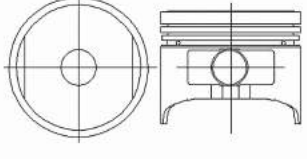
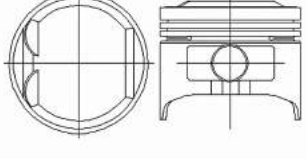


ENGINE TYPE	PISTON		PISTON RING	PISTON PIN		PIN BUSHING	LINER		LINER KIT SET
DL V54 F60 4 Cyl.	Ø	92	1-2.5	Ø	26		TL	178.0	TIK NO. LKFF1D920100 LKFF1D92010T
		-5	1-2.0	TL	70		OD	96.0	
	CD	50.5	1-4.0		R26		FT	3.0+1.0	
	TL	95					FD	101.0	
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1D920100 1D92010T		R1D920100	P1D920100		B1D920100	LNFF1D920100		
	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-87319 13101-87320 13211-87319 13211-87320		13011-87310/1 13011-87312/3 13011-87318 13011-87320/1			90043-84052			
Surface Treatment									
0A									
DL/A OLD 4 Cyl.	Ø	92	1-2.5	Ø	26		TL	178.0	TIK NO. LKFF1D920200 LKFF1D92020T
		-5	1-2.0	TL	70		OD	96.0	
	CD	50.5	1-4.0		R26		FT	3.0+1.0	
	TL	95					FD	101.0	
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1D920200 1D92020T		R1D920100	P1D920200		B1D8801A0	LNFF1D920100		
	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-87312 13101-87314 13101-87315 13101-87316		13011-87310/1 13011-87312/3 13011-87318 13011-87320/1			90043-84001 90043-84044 90043-84018 90043-84050	11461-87303 11461-87305		
Surface Treatment									
0A									
DL/B NEW 4 Cyl.	Ø	92	1-2.5	Ø	28		TL	178.0	TIK NO. LKFF1D920300 LKFF1D92030T
		-5	1-2.0	TL	75		OD	96.0	
	CD	50.5	1-4.0		R28		FT	3.0+1.0	
	TL	95					FD	101.0	
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1D920300 1D92030T		R1D920100	P1D920300		B1D920300	LNFF1D920100		
	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-87324 13101-87326 13101-87322 13101-37325		13011-87310/1 13011-87312/3 13011-87318 13011-87320/1			90043-84086 90043-84087	11461-87303 11461-87305		
Surface Treatment									
0A									
DL-T 4 Cyl.	Ø	92	1-2.5K	Ø	26		TL		TIK NO.
		-1.2	1-2.0	TL	70		OD		
	CD	50.2	1-4.0				FT		
	TL	95					FD		
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1D920400		R1D920400	P1D920400					
	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-87321								
Surface Treatment									
0A									
DG-3G 4 Cyl.	Ø	88	1-2.5	Ø	26		TL	182.0	TIK NO. LKFF1D8801A0 LKFF1D8801AT
		-5	1-2.0	TL	70		OD	93.0	
	CD	50.5	1-4.0		SP29		FT	3.0+1.0	
	TL	95					FD	97.0	
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1D8801A0 1D8801AT		R1D8801A0	P1D8801A0		B1D8801A0	LNFF1D8801A0		
	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-87306 13101-87309		13011-87305 13011-87306 13011-87307 13011-87308			90043-84001 90043-84044 90043-84018 90043-84050	11461-87302		
Surface Treatment									
0A									

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
DG-4G 4 Cyl.	Ø 88 -5.6 CD 50.6 TL 95	3-2.0 1-4.0	Ø 26 TL 70 SP29		TL 182.0 OD 93.0 FT 7.0+1.0 FD 97.0	TIK NO. LKFF1D8801B0 LKFF1D8801BT
	TIK NO. 1D8801B0 1D8801BT	TIK NO. R1D8801B0	TIK NO. P1D8801B0	TIK NO. B1D8801A0	TIK NO. LNFF1D8801B0	
Surface Treatment 0A	REFERENCE NO. 13101-87305	REFERENCE NO. 992-5113-1410		REFERENCE NO. 90043-84001 90043-84044 90043-84018 90043-84050	REFERENCE NO. 992-5113-1101 992-5113-1171	
DG-5G 4 Cyl.	Ø 88 -5.3 CD 50.6 TL 95.5	3-2.0 2-4.0	Ø 26 TL 70 SP29		TL 182.0 OD 93.0 FT 7.0+1.0 FD 97.0	TIK NO. LKFF1D8801C0 LKFF1D8801CT
	TIK NO. 1D8801C0 1D8801CT	TIK NO. R1D8801B0	TIK NO. P1D8801C0	TIK NO. B1D8801A0	TIK NO. LNFF1D8801B0	
Surface Treatment 0A	REFERENCE NO. 13101-87303	REFERENCE NO. 992-5113-1410		REFERENCE NO. 90043-84001 90043-84044 90043-84018 90043-84050	REFERENCE NO. 992-5113-1101 992-5113-1171	
F20 4 Cyl.	Ø 80.5 CD 39 TL 80	2-2.0 1-4.0	Ø 20 TL 66 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1D805100	TIK NO. R1D805100	TIK NO. P1D805100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-31022	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
J10 4J10 3 Cyl.	Ø 78 -7 CD 27.7 TL 56	1-1.2 1-1.5 1-2.8	Ø 18.045 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1D780100	TIK NO. R1D780100	TIK NO. P1D780100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12009-KA331	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
CB/A 3 Cyl.	Ø 76 -1.5 CD 28.8 TL 60.5	2-1.5 1-2.8	Ø 18 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1D7601A0	TIK NO. R1D7601A0	TIK NO. P1D7601A0	TIK NO.	TIK NO. LNSN1D7601A0	
Surface Treatment 00	REFERENCE NO. 13101-87736 13211-87711	REFERENCE NO. 13011-87703 13011-87704 13011-87708 13011-87718		REFERENCE NO.	REFERENCE NO.	

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CB 3 Cyl.	∅ 76 -1.5	2-1.5	∅ 18 TL 60		TL OD FT FD	TIK NO.
	CD 28.5 TL 60.5	1-2.8				
	TIK NO. 1D7601B0	TIK NO. R1D7601A0	TIK NO. P1D7601B0	TIK NO.	TIK NO. LNSN1D7601A0	
	REFERENCE NO. 13101-87703 13101-87704	REFERENCE NO. 13011-87703 13011-87704 13011-87708 13011-87718		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
CB/C 3 Cyl.	∅ 76 -3.9	2-1.5	∅ 18 TL 60		TL OD FT FD	TIK NO.
	CD 28.5 TL 60.5	1-2.8				
	TIK NO. 1D7601C0	TIK NO. R1D7601A0	TIK NO. P1D7601C0	TIK NO.	TIK NO. LNSN1D7601A0	
	REFERENCE NO. 13101-87713 13101-87719 13101-87729	REFERENCE NO. 13011-87703 13011-87704 13011-87708 13011-87718		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
CL 3 Cyl.	∅ 76 -1	1-2.0K 1-1.5	∅ 21 TL 63 SP24		TL 140.0 OD 80.0 FT 4.8 FD 83.0	TIK NO. LKSF1D760200 LKSF1D76020T
	CD 38.5 TL 70.5	1-3.0				
	TIK NO. 1D760200 1D76020T	TIK NO. R1D760200	TIK NO. P1D760200	TIK NO.	TIK NO. LNSF1D760200	
	REFERENCE NO. 13101-87725 13101-87727 13102-87712	REFERENCE NO. 13011-87717 13011-87723A		REFERENCE NO.	REFERENCE NO. 11461-87703	
Surface Treatment 0A						
CLT 3 Cyl.	∅ 76 -1.5	1-2.0K 1-1.5	∅ 23 TL 64 R23		TL 140.0 OD 80.0 FT 4.8 FD 83.0	TIK NO. LKSF1D760300 LKSF1D76030T
	CD 40.5 TL 70.5	1-3.0				
	TIK NO. 1D760300 1D76030T	TIK NO. R1D760200	TIK NO. P1D760300	TIK NO.	TIK NO. LNSF1D760200	
	REFERENCE NO. 13101-87720	REFERENCE NO. 13011-87717 13011-87723A		REFERENCE NO.	REFERENCE NO. 11461-87703	
Surface Treatment 0A						
CLB G30 3 Cyl.	∅ 76 -1.6	1-2.0K 1-1.5	∅ 21 TL 63 SP24		TL OD FT FD	TIK NO.
	CD 38.5 TL 70.5	1-3.0				
	TIK NO. 1D760400 1D76040T	TIK NO. R1D760400	TIK NO. P1D760400	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CLTA 3 Cyl.	∅ 76 CD TL 70.5		∅ 21 TL 62		TL OD FT FD	TIK NO.
 191 Surface Treatment 0A	TIK NO. 1D760500 1D76050T REFERENCE NO. 13101-87721	TIK NO. R1D760500 REFERENCE NO.	TIK NO. P1D760500 REFERENCE NO.	TIK NO. REFERENCE NO.	TIK NO. REFERENCE NO.	
CBT 3 Cyl.	∅ 76 CD 28.5 TL 60.5	2-1.5 1-2.8	∅ 18 TL 60		TL OD FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 1D760600 REFERENCE NO.	TIK NO. R1D760600 REFERENCE NO.	TIK NO. P1D760600 REFERENCE NO.	TIK NO. REFERENCE NO.	TIK NO. REFERENCE NO.	
HC 4 Cyl.	∅ 76 CD 30.2 TL 63.8	1-1.2 1-1.5 1-3.0	∅ 19 TL 58		TL 180.0 OD 80.0 FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 1D760700 REFERENCE NO. 13101-87105 13101-87111 13102-87105 13102-87112	TIK NO. R1D760700 REFERENCE NO. 13011-87104/05 13011-87106/07 13011-87108/09 13011-87110/11	TIK NO. P1D760700 REFERENCE NO.	TIK NO. REFERENCE NO.	TIK NO. LNSN1D760700 REFERENCE NO.	
HD 4 Cyl.	∅ 76 CD 30.2 TL 60.7	1-1.2 1-1.5 1-3.0	∅ 19 TL 58		TL 180.0 OD 80.0 FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 1D760800 REFERENCE NO. 13101-87106 13101-87108 13101-87113	TIK NO. R1D760700 REFERENCE NO. 13011-87104/05 13011-87106/07 13011-87108/09 13011-87110/11	TIK NO. P1D760800 REFERENCE NO.	TIK NO. REFERENCE NO.	TIK NO. LNSN1D760700 REFERENCE NO.	
S89 4 Cyl.	∅ 76 CD 30.1 TL 62.9	1-2.0 1-1.5 1-3.0	∅ 19 TL 58		TL OD FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 1D760900 REFERENCE NO. 13101-87370	TIK NO. R1D760900 REFERENCE NO.	TIK NO. P1D760900 REFERENCE NO.	TIK NO. REFERENCE NO.	TIK NO. REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
S75 3 Cyl.	Ø 76 -1.6	2-1.5	Ø 18 TL 60		TL OD FT FD	TIK NO.
	CD 28.2 TL 60.2	1-2.8				
	TIK NO. 1D761000	TIK NO. R1D761000	TIK NO. P1D761000	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4 Cyl.	Ø 76 -1.5	1-2.0K 1-2.0 1-3.0	Ø 21 TL 62		TL OD FT FD	TIK NO.
	CD 34.5 TL 64.5					
	TIK NO. 1D761100	TIK NO. R1D761100	TIK NO. P1D761100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4 Cyl.	Ø 76 -1.5	1-2.0K 1-2.0 1-3.0	Ø 18 TL 62		TL OD FT FD	TIK NO.
	CD 34 TL 64.5					
	TIK NO. 1D761200	TIK NO. R1D761200	TIK NO. P1D761200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
MP5 2 Cyl.	Ø 72 +5	2-2.5 1-2.5	Ø 20 TL 63 SP21.5		TL OD FT FD	TIK NO.
	CD 39.5 TL 90					
	TIK NO. 1D720100	TIK NO. R1D720100	TIK NO. P1D720100	TIK NO.	TIK NO.	
	REFERENCE NO. 550 547CC	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
EJ-DE 3 Cyl.	Ø 72 -7.0	2-1.2 1-2.5	Ø 18 TL 52		TL OD FT FD	TIK NO.
	CD 28.7 TL 50.6					
	TIK NO. 1D720200	TIK NO. R1D720200	TIK NO. P1D720200	TIK NO.	TIK NO. LNSN1D700100	
	REFERENCE NO. 13101-87Z11-010 13103-97201	REFERENCE NO. 13011-97201 13011-97210 13012-97201 13012-97208		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						

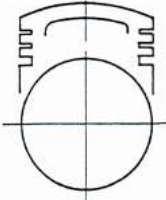
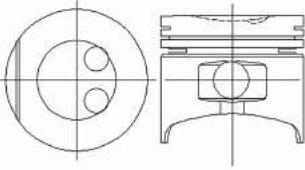
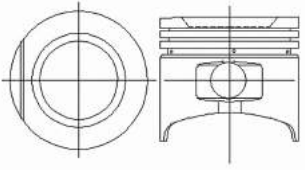


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
AB10 2 Cyl.	∅ 71.6 +0.8 CD 30.5 TL 63	2-1.5 1-2.8	∅ 18 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1D716100	TIK NO. R1D716100	TIK NO. P1D716100	TIK NO.	TIK NO. LNSN1D716100	
Surface Treatment 00	REFERENCE NO. 13101-87701	REFERENCE NO. 13011-87701 13011-87702 13011-87705 13011-87709		REFERENCE NO.	REFERENCE NO.	
CD 3 Cyl.	∅ 70 +4.3 CD 28 TL 64.3	2-1.5 1-2.0 1-2.8	∅ 18 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1D700100	TIK NO. R1D700100	TIK NO. P1D700100	TIK NO.	TIK NO. LNSN1D700100	
Surface Treatment 00	REFERENCE NO. 13101-87717 13101-87708 13101-87731	REFERENCE NO. 13011-87712 13013-87710		REFERENCE NO.	REFERENCE NO.	
F10 4 Cyl.	∅ 68 CD 34 TL 65.5	2-2.0 1-4.5	∅ 20 TL 56 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1D680100	TIK NO. R1D680100	TIK NO. P1D680100	TIK NO.	TIK NO. LNSN1D680100	
Surface Treatment 00	REFERENCE NO. 13101-87101 13101-87104	REFERENCE NO. 13011-87103 992-4023-1411		REFERENCE NO.	REFERENCE NO.	
F10R 4 Cyl.	∅ 68 CD 34 TL 67	2-2.0 1-4.0	∅ 20 TL 56 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1D680200	TIK NO. R1D680100	TIK NO. P1D680200	TIK NO.	TIK NO. LNSN1D680100	
Surface Treatment 00	REFERENCE NO. 13101-87104	REFERENCE NO. 13011-87103 992-4023-1411		REFERENCE NO.	REFERENCE NO.	
EF 3 Cyl.	∅ 68 -5.3 CD 27.9 TL 54.9	1-1.2 1-1.5 1-2.8	∅ 18 TL 52		TL OD FT FD	TIK NO.
	TIK NO. 1D680300	TIK NO. R1D680300	TIK NO. P1D680300	TIK NO.	TIK NO. LNSN1D680300	
Surface Treatment 00	REFERENCE NO. 13101-85701	REFERENCE NO. 13011-87218 13011-87219 13011-87E02 13012-87218		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EFDET 4 Cyl.	Ø 68 -5.4	2-1.2	Ø 18 TL 53		TL OD FT FD	TIK NO.
	CD 27.8 TL 47.8	1-2.5				
	TIK NO. 1D680400	TIK NO. R1D680400	TIK NO. P1D680400	TIK NO.	TIK NO.	
	REFERENCE NO. ABA-J131G-GPPZ	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
ED 3 Cyl.	Ø 66.6 -6.2	1-1.2 1-1.5 1-2.8	Ø 18 TL 52.2		TL OD FT FD	TIK NO.
	CD 28.5 TL 56.5					
	TIK NO. 1D666100	TIK NO. R1D666100	TIK NO. P1D666100	TIK NO.	TIK NO. LNSN1D666100	
	REFERENCE NO. 13101-87246	REFERENCE NO. 13011-87208 13011-87232 13012-87208 13012-87232		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
CUORE CNG 3 Cyl.	Ø 66.6 -6	2-1.2 1-2.0	Ø 18 TL 53		TL OD FT FD	TIK NO.
	CD 28.6 TL 56.6					
	TIK NO. 1D666200	TIK NO. R1D666200	TIK NO. P1D666200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
87Z13 3 Cyl.	Ø 66.6 -5.4	2-1.2 1-2.0	Ø 18 TL 52		TL OD FT FD	TIK NO.
	CD 28.6 TL 56.6					
	TIK NO. 1D666300	TIK NO. R1D666300	TIK NO. P1D666300	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-87Z13-010 13101-87Z13 13101-87Z13-01	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						
EB60 NEW 3 Cyl.	Ø 62.1 -3.5	1-1.2 1-1.5 1-2.8	Ø 18 TL 52		TL OD FT FD	TIK NO.
	CD 27.9 TL 54.8					
	TIK NO. 1D620400	TIK NO. R1D620400	TIK NO. P1D620400	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-82705	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
L38 NEW 2 Cyl.	∅ 62 +5 CD 32 TL 71	1-2.0K 1-2.0 1-2.0	∅ 17 TL 53 SP19.5		TL OD FT FD	TIK NO.
 <p>14</p> <p>Surface Treatment 00</p>	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1D620200	R1D620200	P1D620200			
	REFERENCE NO. 13101-87207 13101-87208	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EB60 4 Cyl.	∅ 62 -3.5 CD 28 TL 55	1-1.2 1-1.5 1-2.8	∅ 16 TL 50		TL OD FT FD	TIK NO.
 <p>Surface Treatment 00</p>	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1D620300	R1D620300	P1D620300			
	REFERENCE NO. 13101-82701	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EB 1 Cyl.	∅ 62 -4.2 CD 27.9 TL 54.9	1-1.2 1-1.5 1-2.8	∅ 18 TL 50		TL OD FT FD	TIK NO.
 <p>Surface Treatment 00</p>	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1D620500	R1D620500	P1D620500		LNSN1D620500	
	REFERENCE NO.	REFERENCE NO. 13011-87206 13011-87222		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
H23A1 4 Cyl.	∅ 87 -3.5 CD 30.6 TL 60.5	2-1.2 1-2.8	∅ 22 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1H870100	TIK NO. R1H870100	TIK NO. P1H870100	TIK NO.	TIK NO. LNSN1H870100	
Surface Treatment 00	REFERENCE NO. 13101-P14-A00	REFERENCE NO. 13011-P13-003 13011-P13-004 13011-P5M-003 13011-P5M-013		REFERENCE NO.	REFERENCE NO.	
C27A4 6 Cyl.	∅ 87 -3.8 CD 31.5 TL 63	2-1.2 1-4.0	∅ 22 TL 57C1		TL OD FT FD	TIK NO.
	TIK NO. 1H870200	TIK NO. R1H870200	TIK NO. P1H870200	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13020-POG-A00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
H22A1 4 Cyl.	∅ 87 -5.5 CD 31 TL 61	2-1.2 1-2.8	∅ 22 TL 57C1		TL OD FT FD	TIK NO.
	TIK NO. 1H870300	TIK NO. R1H870100	TIK NO. P1H870300	TIK NO.	TIK NO. LNSN1H870100	
Surface Treatment 0U	REFERENCE NO. 13020-P13-A00 13101-P13-A00	REFERENCE NO. 13011-P13-003 13011-P13-004 13011-P5M-003 13011-P5M-013		REFERENCE NO.	REFERENCE NO.	
H22A4 4 Cyl.	∅ 87 -5.4 CD 31 TL 61.8	2-1.2 1-2.8	∅ 21.97 TL 57 R22		TL OD FT FD	TIK NO.
	TIK NO. 1H870400	TIK NO. R1H870100	TIK NO. P1H870400	TIK NO.	TIK NO. LNSN1H870100	
Surface Treatment 0A	REFERENCE NO. 13101-P5M-A00	REFERENCE NO. 13011-P13-003 13011-P13-004 13011-P5M-003 13011-P5M-013		REFERENCE NO.	REFERENCE NO.	
K24A4 4 Cyl.	∅ 87 -5 CD 30 TL 52	2-1.2 1-2.5	∅ 21.965 TL 52.2 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1H870500	TIK NO. R1H870500	TIK NO. P1H870500	TIK NO.	TIK NO.	
Surface Treatment 0J	REFERENCE NO. 13010-RBB-A00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

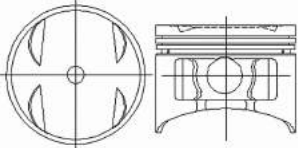
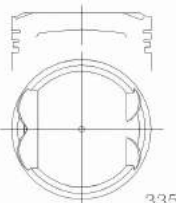
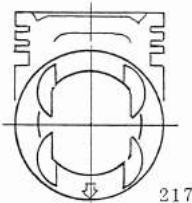
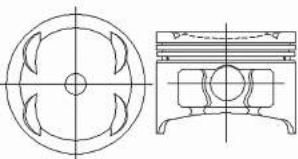
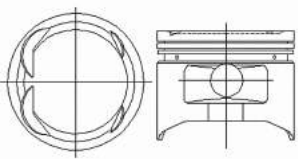


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
J30A1 6 Cyl.	Ø 86 -3.3 CD 30.02 TL 51.5	2-1.2 1-2.8	Ø 21.96 TL 54 SP24C		TL OD FT FD	TIK NO.
	TIK NO. 1H860100	TIK NO. R1H860100	TIK NO. P1H860100	TIK NO.	TIK NO. LNSN1H860100	
Surface Treatment 0A	REFERENCE NO. 13010-P8A-A00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
F23A5 16V 4 Cyl.	Ø 86 -4.8 CD 30.02 TL 51.5	2-1.2 1-2.8	Ø 21.96 TL 54 SP24C		TL OD FT FD	TIK NO.
	TIK NO. 1H860200	TIK NO. R1H860200	TIK NO. P1H860200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13010-PAB-A00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
F23A4 4 Cyl.	Ø 86 -4.8 CD 30.02 TL 51.5	2-1.2 1-2.8	Ø 21.96 TL 54 SP24C		TL OD FT FD	TIK NO.
	TIK NO. 1H860300	TIK NO. R1H860300	TIK NO. P1H860300	TIK NO.	TIK NO. LNSN1H860300	
Surface Treatment 00	REFERENCE NO. 13010-PAA-A00	REFERENCE NO. 13011-P8A-A01 13011-PAA-Y01 13011-PEA-003 13011-PEA-004		REFERENCE NO.	REFERENCE NO.	
K20A1 4 Cyl.	Ø 86 -2.4 CD 29.5 TL 54	2-1.2 1-2.0	Ø 21.965 TL 52.2 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1H860400	TIK NO. R1H860400	TIK NO. P1H860400	TIK NO.	TIK NO. LNSN1H860400	
Surface Treatment 0J	REFERENCE NO. 13010-PNC-000	REFERENCE NO. 13011-PNE-G02 13011-PNF-G01 13011-PRA-E02 13021-PNF-G01		REFERENCE NO.	REFERENCE NO.	
RAC 4 Cyl.	Ø 86 +1.4 CD 30.05 TL 52	2-1.2 1-2.0	Ø 21.97 TL 52 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1H860500	TIK NO. R1H860500	TIK NO. P1H860500	TIK NO.	TIK NO.	
Surface Treatment 0J	REFERENCE NO. 13101-RO6-000	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
F18A 4 Cyl.	Ø 85 -2.5 CD 31 TL 65.5	2-1.2 1-2.8	Ø 22 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1H850100	TIK NO. R1H850100	TIK NO. P1H850100	TIK NO.	TIK NO. LNSN1H850100	
Surface Treatment 00	REFERENCE NO. 13101-PT1-000	REFERENCE NO. 13011-POA-004 13011-PT0-004 13011-PT1-004 13011-PT1-G02		REFERENCE NO.	REFERENCE NO.	
F22B1 F22B2 F22B6 4 Cyl.	Ø 85 -3.8 CD 30.5 TL 65	2-1.2 1-2.8	Ø 22 TL 57		TL OD FT FD	TIK NO.
	TIK NO. 1H850200	TIK NO. R1H850100	TIK NO. P1H850200	TIK NO.	TIK NO. LNSN1H850100	
Surface Treatment 00	REFERENCE NO. 13010-POA-010	REFERENCE NO. 13011-POA-004 13011-PT0-004 13011-PT1-004 13011-PT1-G02		REFERENCE NO.	REFERENCE NO.	
F22A1 4 Cyl.	Ø 85 -3.8 CD 30.8 TL 65.2	2-1.2 1-2.8	Ø 22 TL 57		TL OD FT FD	TIK NO.
	TIK NO. 1H850300	TIK NO. R1H850100	TIK NO. P1H850300	TIK NO.	TIK NO. LNSN1H850100	
Surface Treatment 00	REFERENCE NO. 13101-PT3-A01	REFERENCE NO. 13011-POA-004 13011-PT0-004 13011-PT1-004 13011-PT1-G02		REFERENCE NO.	REFERENCE NO.	
F20A F20B 4 Cyl.	Ø 85 -2.8 CD 30.8 TL 65.3	2-1.2 1-3.0	Ø 22 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1H850400	TIK NO. R1H850400	TIK NO. P1H850400	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-PT1-M01	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
F22B1 F22B6 4 Cyl.	Ø 85 -4.65 CD 30.5 TL 65	2-1.2 1-2.8	Ø 22 TL 57		TL OD FT FD	TIK NO.
	TIK NO. 1H850500	TIK NO. R1H850100	TIK NO. P1H850500	TIK NO.	TIK NO. LNSN1H850100	
Surface Treatment 00	REFERENCE NO. 13010-P1E-000	REFERENCE NO. 13011-POA-004 13011-PT0-004 13011-PT1-004 13011-PT1-G02		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
G25A1 G25A4 5 Cyl.	Ø 85 -4 CD 30.8 TL 65.3	2-1.2 1-2.8	Ø 22 TL 57		TL OD FT FD	TIK NO.
	TIK NO. 1H850600	TIK NO. R1H850600	TIK NO. P1H850600	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13010-P1R-A01	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4 Cyl.	Ø 85 -4.5 CD 30.53 TL 52.1	2-2.0 1-2.8	Ø 21.965 TL 57 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1H850700	TIK NO. R1H850700	TIK NO. P1H850700	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-ADP-000	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
C25A 6 Cyl.	Ø 84 CD 31.5 TL 63.5	2-1.2 1-4.0	Ø 22 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1H840100	TIK NO. R1H840100	TIK NO. P1H840100	TIK NO.	TIK NO. LNSN1H840100	
Surface Treatment 00	REFERENCE NO. 13101-PH7-000	REFERENCE NO. 13011-PH7-003 13011-PH7-004		REFERENCE NO.	REFERENCE NO.	
B20B1 B20B2 4 Cyl. B20B3	Ø 84 -4 CD 29.6 TL 59.6	2-1.2 1-2.8	Ø 21 TL 56.5		TL OD FT FD	TIK NO.
	TIK NO. 1H840200	TIK NO. R1H840200	TIK NO. P1H840200	TIK NO.	TIK NO. LNSN1H840200	
Surface Treatment 00	REFERENCE NO. 13101-P3F-A00 13010-P3F-000	REFERENCE NO. 13011-P3F-003 13011-PHK-003 13021-P3F-003		REFERENCE NO.	REFERENCE NO.	
A20A 4 Cyl.	Ø 82.7 -2.9 CD 29.8 TL 65.2	2-1.5 1-4.0	Ø 20 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1H827200	TIK NO. R1H827200	TIK NO. P1H827200	TIK NO.	TIK NO. LNSN1H827200	
Surface Treatment 00	REFERENCE NO. 13101-PH4-000 13101-PH4-600	REFERENCE NO. 13011-PH4-003 13011-PH4-004 13011-PH4-601 13011-PH4-602		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
B20A5 4 Cyl.	∅ 81 -2 CD 30.8 TL 65.4	1-1.2 1-1.5 1-2.8	∅ 22 TL 57		TL OD FT FD	TIK NO.
	TIK NO. 1H810100	TIK NO. R1H810100	TIK NO. P1H810100	TIK NO.	TIK NO. LNSN1H810100	
Surface Treatment 00	REFERENCE NO. 13101-PK2-660 13101-PK2-662	REFERENCE NO. 13011-PJ5-601 13011-PJ5-602 13011-PH3-003 13011-PH3-004		REFERENCE NO.	REFERENCE NO.	
B18A1 4 Cyl.	∅ 81 -4.6 CD 30 TL 60	1-1.0 1-1.2 1-2.8	∅ 21 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H810200	TIK NO. R1H810200	TIK NO. P1H810200	TIK NO.	TIK NO. LNSN1H810200	
Surface Treatment 00	REFERENCE NO. 13101-PR4-000 13102-PR4-000	REFERENCE NO. 13011-PR3-003 13011-PR3-004 13011-PR4-A01 13011-PR4-A02		REFERENCE NO.	REFERENCE NO.	
B18C1 4 Cyl.	∅ 81 -6 CD 30.5 TL 62.3	1-1.0 1-1.2 1-2.8	∅ 21 TL 56.5		TL OD FT FD	TIK NO.
	TIK NO. 1H810300	TIK NO. R1H810200	TIK NO. P1H810300	TIK NO.	TIK NO. LNSN1H810200	
Surface Treatment 0J	REFERENCE NO. 13010-P73-A00 13101-P73-700	REFERENCE NO. 13011-PR3-003 13011-PR3-004 13011-PR4-A01 13011-PR4-A02		REFERENCE NO.	REFERENCE NO.	
B18C5 4 Cyl.	∅ 81 -4.8 CD 30.2 TL 60	1-1.0 1-1.2 1-2.8	∅ 21 TL 56.5		TL OD FT FD	TIK NO.
	TIK NO. 1H810400	TIK NO. R1H810200	TIK NO. P1H810400	TIK NO.	TIK NO. LNSN1H810200	
Surface Treatment 00	REFERENCE NO. 13101-P72-A00 13010-P72-A00	REFERENCE NO. 13011-PR3-003 13011-PR3-004 13011-PR4-A01 13011-PR4-A02		REFERENCE NO.	REFERENCE NO.	
B18B1 4 Cyl.	∅ 81 -4.2 CD 30.1 TL 60.1	1-1.0 1-1.2 1-2.8	∅ 21 TL 56.4		TL OD FT FD	TIK NO.
	TIK NO. 1H810500	TIK NO. R1H810200	TIK NO. P1H810500	TIK NO.	TIK NO. LNSN1H810200	
Surface Treatment 00	REFERENCE NO. 13101-P54-000 13010-P54-000	REFERENCE NO. 13011-PR3-003 13011-PR3-004 13011-PR4-A01 13011-PR4-A02		REFERENCE NO.	REFERENCE NO.	

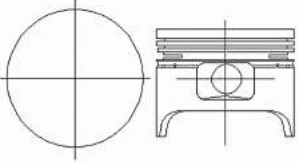
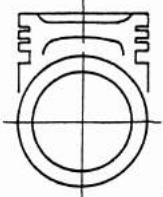
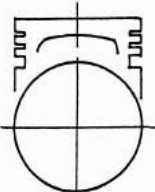
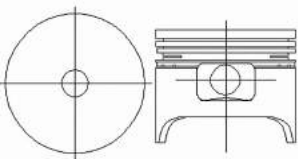



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
B16A2 B16A3 4 Cyl.	∅ 81 -5.5 CD 30 TL 62.9	1-1.0 1-1.2 1-2.8	∅ 21 TL 56.4		TL OD FT FD	TIK NO.
	TIK NO. 1H810600	TIK NO. R1H810200	TIK NO. P1H810600	TIK NO.	TIK NO. LNSN1H810600	
Surface Treatment 00	REFERENCE NO. 13010-P30-G00 13101-P30-G00	REFERENCE NO. 13011-PR3-003 13011-PR3-004 13011-PR4-A01 13011-PR4-A02		REFERENCE NO.	REFERENCE NO.	
B16HP 4 Cyl.	∅ 81 -6 CD 30.5 TL 60.4	1-1.0 1-1.2 1-2.8	∅ 21 TL 56.5		TL OD FT FD	TIK NO.
	TIK NO. 1H810700	TIK NO. R1H810700	TIK NO. P1H810700	TIK NO.	TIK NO.	
Surface Treatment 0J	REFERENCE NO. RY6784HP	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
R20A 4 Cyl.	∅ 81 -2.1 CD 28.82 TL 49.3	2-1.2 1-2.0	∅ 19.96 TL 46		TL OD FT FD	TIK NO.
	TIK NO. 1H810800	TIK NO. R1H810800	TIK NO. P1H810800	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13010-RNA-Y00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
RNF 4 Cyl.	∅ 81 +2 CD 28.5 TL 51	1-1.2 1-1.2 1-2.0	∅ 19.965 TL 46 SP22		TL OD FT FD	TIK NO.
	TIK NO. 1H810900	TIK NO. R1H810900	TIK NO. P1H810900	TIK NO.	TIK NO. LNSN1H810200	
Surface Treatment 1J	REFERENCE NO. 13101-007-003 13010-RNV-M00	REFERENCE NO. 13011-RNA-A01 13011-RNA-A02 13011-RNB-A01 13021-RNA-A01		REFERENCE NO.	REFERENCE NO.	
RNA/A 4 Cyl.	∅ 81 -2 CD 28.88 TL 49.4	2-1.2 1-2.0	∅ 19.96 TL 46 SP22		TL OD FT FD	TIK NO.
	TIK NO. 1H811000	TIK NO. R1H810900	TIK NO. P1H811000	TIK NO.	TIK NO. LNSN1H811000	
Surface Treatment 1J	REFERENCE NO. 13010-RNA-A00 13010-RNA-A00	REFERENCE NO. 13011-RNA-A01 13011-RNA-A02 13011-RNB-A01 13021-RNA-A01		REFERENCE NO.	REFERENCE NO.	

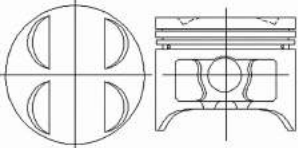
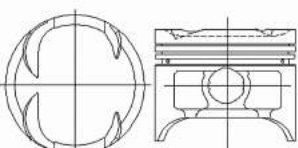
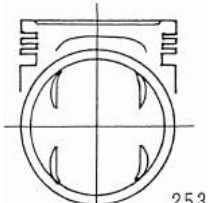
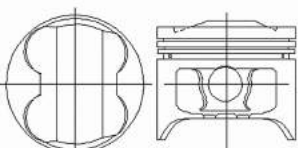
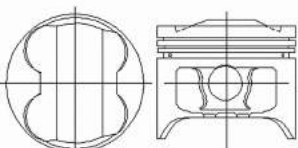


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
ES 4 Cyl.	Ø 80 -3.3	2-1.5	Ø 20 TL 61		TL OD FT FD	TIK NO.
	CD 29.8 TL 65.5	1-4.0				
	TIK NO. 1H800100	TIK NO. R1H800100	TIK NO. P1H800100	TIK NO.	TIK NO. LNSN1H800100	
	REFERENCE NO. 13101-PC7-730 13101-PC7-000 13101-PC7-731 13102-PC7-000	REFERENCE NO. 13011-PC6-004 13011-PC6-013 13011-PC7-004 13011-PC7-023		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
ES1 4 Cyl.	Ø 80 -3.3	2-1.5	Ø 20 TL 61		TL OD FT FD	TIK NO.
	CD 29.7 TL 65.5	1-4.0				
	TIK NO. 1H800200	TIK NO. R1H800100	TIK NO. P1H800200	TIK NO.	TIK NO. LNSN1H800100	
	REFERENCE NO. 13101-PD3-000 13102-PD3-000 13103-PD3-010 13105-PD3-010	REFERENCE NO. 13011-PC6-004 13011-PC6-013 13011-PC7-004 13011-PC7-023		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
ESA 4 Cyl.	Ø 80 -3.5	2-1.5	Ø 20 TL 62		TL OD FT FD	TIK NO.
	CD 29.8 TL 66.8	1-4.0				
	TIK NO. 1H800300	TIK NO. R1H800100	TIK NO. P1H800300	TIK NO.	TIK NO. LNSN1H800100	
	REFERENCE NO. 13101-PD5-000 13101-PD5-010	REFERENCE NO. 13011-PC6-004 13011-PC6-013 13011-PC7-004 13011-PC7-023		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
EK1 4 Cyl.	Ø 77 -1.3	2-1.5	Ø 18 TL 67		TL OD FT FD	TIK NO.
	CD 27.5 TL 62.5	1-4.0				
	TIK NO. 1H770100	TIK NO. R1H770100	TIK NO. P1H770100	TIK NO.	TIK NO. LNSN1H770100	
	REFERENCE NO. 13101-689-010	REFERENCE NO. 13011-PB1-003 13011-PB2-005 13011-PC4-601 13021-676-602		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
EK/A 4 Cyl.	Ø 77	2-1.5	Ø 18 TL 67		TL OD FT FD	TIK NO.
	CD 27.7 TL 62.2	1-4.0				
	TIK NO. 1H770200	TIK NO. R1H770200	TIK NO. P1H770200	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-676-600	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EK 4 Cyl.  Surface Treatment 00	\emptyset 77 CD 27.5 TL 62.5	2-1.5 1-4.0	\emptyset 18 TL 67		TL OD FT FD	TIK NO.
	TIK NO. 1H770300	TIK NO. R1H770100	TIK NO. P1H770300	TIK NO.	TIK NO. LNSN1H770100	
	REFERENCE NO. 13101-PC1-000	REFERENCE NO. 13011-PB1-003 13011-PB2-005 13011-PC4-601 13021-676-602		REFERENCE NO.	REFERENCE NO.	
EP 4 Cyl.  Surface Treatment 00	\emptyset 77 -1.4 CD 27.5 TL 62.5	2-1.5 1-4.0	\emptyset 18 TL 67		TL OD FT FD	TIK NO.
	TIK NO. 1H770400	TIK NO. R1H770400	TIK NO. P1H770400	TIK NO.	TIK NO. LNSN1H770100	
	REFERENCE NO. 13101-PC2-000 13101-PC4-600	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EP/B 4 Cyl.  Surface Treatment 00	\emptyset 77 CD 28 TL 62.5	2-1.5 1-4.0	\emptyset 18 TL 67		TL OD FT FD	TIK NO.
	TIK NO. 1H770500	TIK NO. R1H770500	TIK NO. P1H770500	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
ACCORD 4 Cyl.  Surface Treatment 00	\emptyset 77 +0.2 CD 28.1 TL 62.5	2-1.5 1-4.0	\emptyset 18 TL		TL OD FT FD	TIK NO.
	TIK NO. 1H770600	TIK NO. R1H770600	TIK NO. P1H770600	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EP 4 Cyl.  Surface Treatment 00	\emptyset 75 -1.6 CD 25.3 TL 54.8	2-1.0 1-2.5	\emptyset 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H750100	TIK NO. R1H750100	TIK NO. P1H750100	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-KRD-305 13102-KRD-305	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
D15B 4 Cyl.	∅ 75 CD 30.7 TL 61	1-1.2 1-1.5 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H750200	TIK NO. R1H750200	TIK NO. P1H750200	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13101-PM3-000 13101-PM3-010 13101-PM3-020	REFERENCE NO. 13011-PJ1-752 13011-PM1-004 13011-PM3-004 13011-PM5-A02		REFERENCE NO.	REFERENCE NO.	
D16Z6 4 Cyl.	∅ 75 -5.2 CD 30.0 TL 60.0	1-1.2 1-1.5 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H750300	TIK NO. R1H750300	TIK NO. P1H750300	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13010-P28-A01 13101-P28-A01	REFERENCE NO. 13011-P28-A02		REFERENCE NO.	REFERENCE NO.	
CIVIC 4 Cyl.	∅ 75 -7 CD 27.7 TL 57.5	1-1.0 1-1.2 2-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H750400	TIK NO. R1H750400	TIK NO. P1H750400	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
D16A1 4 Cyl.	∅ 75 +3.5 CD 29 TL 62.5	1-1.2 1-1.5 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H750500	TIK NO. R1H750500	TIK NO. P1H750500	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13101-PM7-000 13101-P29-000 13101-PM7-010	REFERENCE NO. 13011-PG6-004 13011-PM6-G02 13021-PG6-004 13031-PG6-004		REFERENCE NO.	REFERENCE NO.	
D13 4 Cyl.	∅ 75 -3.7 CD 30.7 TL 64.3	1-1.2 1-1.5 1-4.0	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H750600	TIK NO. R1H750600	TIK NO. P1H750600	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13101-PM3-K00	REFERENCE NO. 13011-PM0-B01 13011-PM0-B02 13011-PM0-B03 13021-PM0-B02		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
D16Y7 D16Z6 4 Cyl.	∅ 75 -3.4 CD 29.9 TL 50	1-1.0 1-1.2 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H750700	TIK NO. R1H750700	TIK NO. P1H750700	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13010-P2E-000 13101-P2E-000	REFERENCE NO. 13011-P07-004 13011-P08-004 13011-PJ1-Y01		REFERENCE NO.	REFERENCE NO.	
D13B 4 Cyl.	∅ 75 -4.4 CD 30.8 TL 60.7	1-1.2 1-1.5 1-4.0	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H750800	TIK NO. R1H750600	TIK NO. P1H750800	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13101-PM3-P02	REFERENCE NO. 13101-PM0-B01 13101-PM0-B02 13101-PM0-B03 13021-PM0-B02		REFERENCE NO.	REFERENCE NO.	
D17A7 D17A8 4 Cyl.	∅ 75 -2.7 CD 27 TL 46.5	1-1.0 1-1.2 1-2.0	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H750900	TIK NO. R1H750900	TIK NO. P1H750900	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13010-PLR-A00	REFERENCE NO. 13011-PLM-A00 13011-PLR-004 13011-PLR-A00 13011-PLK-004		REFERENCE NO.	REFERENCE NO.	
D16Y8 4 Cyl.	∅ 75 -4.5 CD 29.2 TL 49.2	1-1.0 1-1.2 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H751000	TIK NO. R1H750700	TIK NO. P1H751000	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13101-P2P-000	REFERENCE NO. 13011-P07-004 13011-P08-004 13011-PJ1-Y01		REFERENCE NO.	REFERENCE NO.	
D15Z1 4 Cyl.	∅ 75 -7 CD 27.7 TL 57.5	1-1.0 1-1.2 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H751100	TIK NO. R1H750700	TIK NO. P1H751100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13010-P07-000 13101-P07-010	REFERENCE NO. 13011-P07-004 13011-P08-004 13011-PJ1-Y01		REFERENCE NO.	REFERENCE NO.	


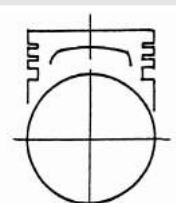
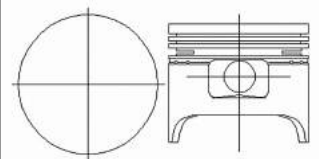

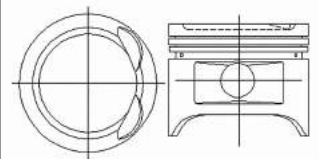


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
D16Y5 4 Cyl.	∅ 75 -4.4 CD 29.1 TL 49.1	1-1.0 1-1.2 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H751200	TIK NO. R1H751200	TIK NO. P1H751200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13010-P2M-000 13101-P2M-000	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
D16A 4 Cyl.	∅ 75 -2.9 CD 29.5 TL 59.6	1-1.2 1-1.5 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H751300	TIK NO. R1H750500	TIK NO. P1H751300	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 00	REFERENCE NO. 13030-P26-000	REFERENCE NO. 13011-PG6-004 13011-PM6-G02 13021-PG6-004 13031-PG6-004		REFERENCE NO.	REFERENCE NO.	
D16A 4 Cyl.	∅ 75 -4.9 CD 29.2 TL 49.2	1-1.2 1-1.5 1-2.8	∅ 19 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H751400	TIK NO. R1H751400	TIK NO. P1H751400	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13010-P2M-Y00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
D15 4 Cyl.	∅ 75 -3.2 CD 27.8 TL 47.8	1-1.2 1-1.5 1-2.8	∅ 19.01 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1H751500	TIK NO. R1H750200	TIK NO. P1H751500	TIK NO.	TIK NO. LNSN1H750200	
Surface Treatment 0A	REFERENCE NO. 13010-P2C-Y00	REFERENCE NO. 13011-PJ1-752 13011-PM1-004 13011-PM3-004 13011-PM5-A02		REFERENCE NO.	REFERENCE NO.	
13719P 4 Cyl.	∅ 75 -1.2 CD 31 TL 51	1-1.2 1-1.5 1-2.8	∅ 19.01 TL 55		TL OD FT FD	TIK NO.
	TIK NO. 1H751600	TIK NO. R1H751600	TIK NO. P1H751600	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13101-P3R-T00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CIVIC 1.6 4 Cyl.	Ø 75 -0.7	1-1.0 1-1.2 1-2.0	Ø 19 TL 56		TL OD FT FD	TIK NO.
	CD 29.2 TL 48.8					
	TIK NO. 1H751700	TIK NO. R1H751700	TIK NO. P1H751700	TIK NO.	TIK NO.	
	REFERENCE NO. 13010-PLH-G00 13101-PLH-G00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
VTI 4 Cyl.	Ø 75 -2.8	1-1.0 1-1.2 1-2.8	Ø 19 TL 58		TL OD FT FD	TIK NO.
	CD 26.9 TL 46.5					
	TIK NO. 1H751800	TIK NO. R1H750700	TIK NO. P1H751800	TIK NO.	TIK NO. LNSN1H750200	
	REFERENCE NO. 13010-PLC-Y00 13030-PLC-Y00 13020-PLC-Y00	REFERENCE NO. 13011-P07-004 13011-P08-004 13011-PJ1-Y01		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
P2A 4 Cyl.	Ø 75 -1.2	1-1.2 1-1.5 1-2.8	Ø 19 TL 55		TL OD FT FD	TIK NO.
	CD 31 TL 51.1					
	TIK NO. 1H751900	TIK NO. R1H751900	TIK NO. P1H751900	TIK NO.	TIK NO.	
	REFERENCE NO. 13030-P2A-Y00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
PLL 4 Cyl.	Ø 75 -3.1	1-1.0 1-1.2 1-2.8	Ø 19 TL		TL OD FT FD	TIK NO.
	CD 29.3 TL 48.8					
	TIK NO. 1H752000	TIK NO. R1H750700	TIK NO. P1H752000	TIK NO.	TIK NO. LNSN1H750200	
	REFERENCE NO. 13030-PLL-Y00 13010-PLL-Y00	REFERENCE NO. 13011-P07-004 13011-P08-004 13011-PJ1-Y01		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
D16A1 4 Cyl.	Ø 75 +3	1-1.2 1-1.5 1-2.8	Ø 19 TL 56		TL OD FT FD	TIK NO. LKSN1H752100
	CD 30 TL 63					
	TIK NO. 1H752100	TIK NO. R1H752100	TIK NO. P1H752100	TIK NO.	TIK NO. LNSN1H752100	
	REFERENCE NO. 13011-PG6-004 13011-PM6-G02 13021-PG6-004 13031-PG6-004	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						

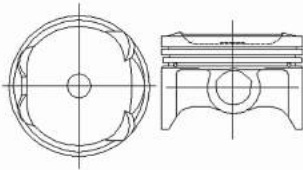
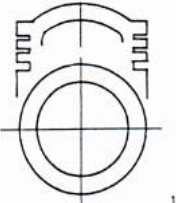
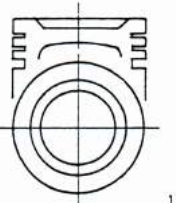
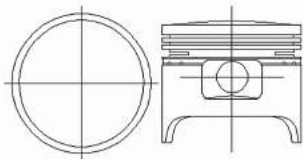
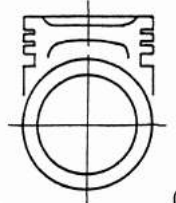


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EF1 4 Cyl.	Ø 74 -2.6	2-1.5	Ø 17 TL 62		TL OD FT FD	TIK NO.
	CD 27.5 TL 57.5	1-4.0				
	TIK NO. 1H740100	TIK NO. R1H740100	TIK NO. P1H740100	TIK NO.	TIK NO. LNSN1H740100	
	REFERENCE NO. 13101-671-000	REFERENCE NO. 13011-657-405 13011-657-670 13011-657-671/3 13011-657-674/5		REFERENCE NO.	REFERENCE NO.	
 10 Surface Treatment 00						
ED 4 Cyl.	Ø 74	2-1.5	Ø 17 TL 62		TL OD FT FD	TIK NO.
	CD 27.5 TL 57.2	1-4.0				
	TIK NO. 1H740200	TIK NO. R1H740100	TIK NO. P1H740200	TIK NO.	TIK NO. LNSN1H740100	
	REFERENCE NO. 13101-657-670	REFERENCE NO. 13011-657-405 13011-657-670 13011-657-671/3 13011-657-674/5		REFERENCE NO.	REFERENCE NO.	
 01 Surface Treatment 00						
EM1 4 Cyl.	Ø 74	2-1.5	Ø 17 TL 62		TL OD FT FD	TIK NO.
	CD 27.7 TL 62.7	1-4.0				
	TIK NO. 1H740300	TIK NO. R1H740100	TIK NO. P1H740300	TIK NO.	TIK NO. LNSN1H740100	
	REFERENCE NO. 13101-PA6-000	REFERENCE NO. 13011-657-405 13011-657-670 13011-657-671/3 13011-657-674/5		REFERENCE NO.	REFERENCE NO.	
 Surface Treatment 00						
ED1 4 Cyl.	Ø 74 -1.5	2-1.5	Ø 17 TL 62		TL OD FT FD	TIK NO.
	CD 27.7 TL 57.7	1-4.0				
	TIK NO. 1H740400	TIK NO. R1H740100	TIK NO. P1H740400	TIK NO.	TIK NO. LNSN1H740100	
	REFERENCE NO. 13101-657-020 13101-657-030 13101-663-670	REFERENCE NO. 13011-657-405 13011-657-670 13011-657-671/3 13011-657-674/5		REFERENCE NO.	REFERENCE NO.	
 10 Surface Treatment 00						
EV 4 Cyl.	Ø 74 -2.7	2-1.5	Ø 19 TL 56		TL OD FT FD	TIK NO.
	CD 29.8 TL 59.8	1-4.0				
	TIK NO. 1H740500	TIK NO. R1H740100	TIK NO. P1H740500	TIK NO.	TIK NO. LNSN1H740100	
	REFERENCE NO. 13101-PE7-000	REFERENCE NO. 13011-657-405 13011-657-670 13011-657-671/3 13011-657-674/5		REFERENCE NO.	REFERENCE NO.	
 Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EW 4 Cyl.	∅ 74 -4.8	2-1.2	∅ 19 TL 56		TL OD FT FD	TIK NO.
	CD 29.7 TL 59.7	1-2.8				
	TIK NO. 1H740600	TIK NO. R1H740600	TIK NO. P1H740600	TIK NO.	TIK NO. LNSN1H740100	
	REFERENCE NO. 13101-PE1-000 13105-PE1-000	REFERENCE NO. 13011-PA6-014 13011-PE1-004 13011-PE7-014		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
EVA 4 Cyl.	∅ 74 -2.5	2-1.5	∅ 19 TL 56		TL OD FT FD	TIK NO.
	CD 30 TL 60	1-4.0				
	TIK NO. 1H740700	TIK NO. R1H740100	TIK NO. P1H740700	TIK NO.	TIK NO. LNSN1H740100	
	REFERENCE NO. 13101-PE5-000	REFERENCE NO. 13011-657-405 13011-657-670 13011-657-671/3 13011-657-674/5		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
EWA 4 Cyl.	∅ 74 -3.5	2-1.5	∅ 19 TL 56		TL OD FT FD	TIK NO.
	CD 29.7 TL 59.5	1-4.0				
	TIK NO. 1H740800	TIK NO. R1H740100	TIK NO. P1H740800	TIK NO.	TIK NO. LNSN1H740100	
	REFERENCE NO. 13101-PE4-000	REFERENCE NO. 13011-657-405 13011-657-670 13011-657-671/3 13011-657-674/5		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
L13A4 4 Cyl.	∅ 73 -3.5	1-1.0 1-1.2 1-2.0	∅ 18 TL 54		TL OD FT FD	TIK NO.
	CD 26.3 TL 47.3					
	TIK NO. 1H730100	TIK NO. R1H730100	TIK NO. P1H730100	TIK NO.	TIK NO. LNSN1H730100	
	REFERENCE NO. 13101-PWH-M00	REFERENCE NO. 13011-REA-Z01 13011-PWA-G01 13011-PWC-J01 13021-REA-Z01		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						
CITY 4 Cyl.	∅ 73 -2.4	1-1.0 1-1.2 1-2.0	∅ 18 TL 54		TL OD FT FD	TIK NO.
	CD 26.2 TL 47.4					
	TIK NO. 1H730200	TIK NO. R1H730200	TIK NO. P1H730200	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-PW3-G03	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						

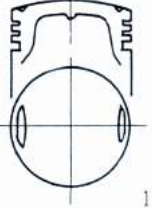


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
L13Z1 4 Cyl.	Ø 73 -3.8 CD 26.3 TL 47.8	2-1.0 1-2.0	Ø 18 TL 55		TL OD FT FD	TIK NO.
	TIK NO. 1H730300	TIK NO. R1H730300	TIK NO. P1H730300	TIK NO.	TIK NO.	
Surface Treatment 0J	REFERENCE NO. 13010-RBO-000	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
EB2 4 Cyl.	Ø 72 +2.5 CD 27.5 TL 60	2-1.5 1-4.0	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H720100	TIK NO. R1H700100	TIK NO. P1H720100	TIK NO.	TIK NO. LNSN1H720100	
Surface Treatment 00	REFERENCE NO. 13101-634-671	REFERENCE NO. 13011-673-000 13011-679-621 13011-695-004 13011-PA0-004	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
EB2A 4 Cyl.	Ø 72 -1.4 CD 27 TL 60	2-1.5 1-2.8	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H720200	TIK NO. R1H720200	TIK NO. P1H720200	TIK NO.	TIK NO. LNSN1H720100	
Surface Treatment 00	REFERENCE NO. 13101-634-670	REFERENCE NO. 13011-642-003 13011-642-004 13011-642-305	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
EN 4 Cyl.	Ø 72 +2.5 CD 27.5 TL 65	1-1.5 1-4.0	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H720300	TIK NO. R1H700100	TIK NO. P1H720300	TIK NO.	TIK NO. LNSN1H720100	
Surface Treatment 00	REFERENCE NO. 13101-PA1-010	REFERENCE NO. 13011-673-000 13011-679-621 13011-695-004 13011-PA0-004	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
EJ 4 Cyl.	Ø 72 -0.5 CD 27.4 TL 62.4	2-1.5 1-4.0	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H720400	TIK NO. R1H700100	TIK NO. P1H720400	TIK NO.	TIK NO. LNSN1H720100	
Surface Treatment 00	REFERENCE NO. 13101-PA0-000	REFERENCE NO. 13011-673-000 13011-679-621 13011-695-004 13011-PA0-004	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
ACTY 2 Cyl.	Ø 72 CD 27.5 TL 55.5	2-1.5 1-4.0	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H720500	TIK NO. R1H700100	TIK NO. P1H720500	TIK NO.	TIK NO. LNSN1H720500	
Surface Treatment 00	REFERENCE NO. 13101-679-010 13101-679-020	REFERENCE NO. 13011-679-004 13011-679-014 13011-679-621		REFERENCE NO.	REFERENCE NO.	
ACTY-NEW 2 Cyl.	Ø 72 -3.3 CD 27.5 TL 55.5	2-1.5 1-4.0	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H720600	TIK NO. R1H720600	TIK NO. P1H720600	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-679-621	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EXCELLENT 4 Cyl.	Ø 72 +2.6 CD 27.6 TL 62.6	2-1.5 1-4.0	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H720700	TIK NO. R1H720700	TIK NO. P1H720700	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-PA1-STD	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EB1 4 Cyl.	Ø 70 -0.5 CD 27 TL 60	2-1.5 1-2.8	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H700100	TIK NO. R1H700100	TIK NO. P1H700100	TIK NO.	TIK NO. LNSN1H720500	
Surface Treatment 00	REFERENCE NO. 13101-634-000 12101-634-004	REFERENCE NO. 13011-634-003 13011-634-004 13011-634-013 13011-634-305		REFERENCE NO.	REFERENCE NO.	
EB1/A 4 Cyl.	Ø 70 +3 CD 27.6 TL 63.4	2-1.5 1-4.0	Ø 17 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1H700200	TIK NO. R1H700200	TIK NO. P1H700200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-634-630	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
TN7	∅ 62.5 +6.3	2-1.5	∅ 15 TL		TL OD FT FD	TIK NO.
4 Cyl.	CD 26.5 TL 65.8	1-2.5				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1H625100	R1H625100	P1H625100			
	REFERENCE NO. 13101-567-010	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment						
00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
8DC91A 8 Cyl.	∅ 135 -24.3	1-3.5DK 2-3.0 1-6.0	∅ 50 TL 112		TL		TIK NO.
	CD 88 TL 153.1				OD		
					FT		
					FD		
	TIK NO. 2H135100 2H13510T	TIK NO. R2H135100	TIK NO. P2H135100	TIK NO.	TIK NO.		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 60							
6D22 6 Cyl.	∅ 130 -26	1-3.306DK 1-3.0 1-6.0	∅ 50 TL 105 R50		TL		TIK NO. LKFF2H130100 LKFF2H13010T
	CD 83 TL 158				OD		
					FT		
					FD		
	TIK NO. 2H130100 2H13010T	TIK NO. R1M130300	TIK NO. P2H130100	TIK NO. B1M125100	TIK NO. LNFF1M130300		
REFERENCE NO. ME052902	REFERENCE NO. 30917-20010 ME052124 ME052787		REFERENCE NO. 30319-00600 30319-00690 ME052158 ME052159	REFERENCE NO. ME051217 ME051500 ME051501 ME051502			
Surface Treatment							
A1247 1 Cyl.	∅ 128 -30	1-3.5DK 1-3.0 1-5.0	∅ 46 TL 105 R46		TL		TIK NO.
	CD 81.3 TL 128.1				OD		
					FT		
					FD		
	TIK NO. 2H128010 2H12801T	TIK NO. R2H128010	TIK NO. P2H128010	TIK NO.	TIK NO.		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0J							
D4AF K-1 4 Cyl.	∅ 104 -19	1-3.0K 1-2.0 1-4.0	∅ 34 TL 84 R34		TL	192.0	TIK NO. LKSN2H104010 LKSN2H10401T
	CD 60.7 TL 110.7				OD	107.0	
					FT	4.0	
					FD	113.0	
	TIK NO. 2H104010 2H10401T	TIK NO. R2H104010	TIK NO. P2H104010	TIK NO.	TIK NO. LNSN2H101100		
REFERENCE NO. 23410-41200 23410-41210	REFERENCE NO. 23040-41200 23040-46020		REFERENCE NO. 23517-41310	REFERENCE NO. 21131-41200			
Surface Treatment 0A							
LAMBDA 3.8D 6 Cyl.	∅ 96 -2.1	2-1.2 1-2.0	∅ 23 TL 63		TL		TIK NO.
	CD 29.1 TL 52				OD		
					FT		
					FD		
	TIK NO. 2H960100	TIK NO. R2H960100	TIK NO. P2H960100	TIK NO.	TIK NO.		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0N							

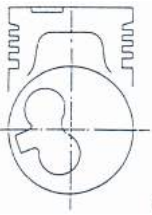
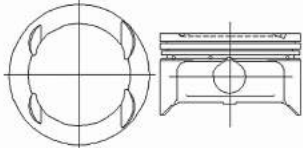
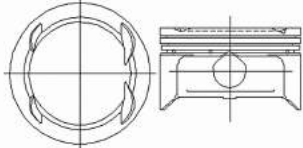
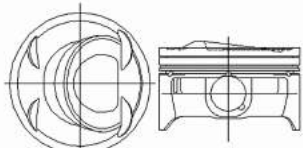
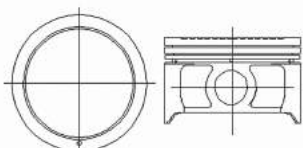


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
G6CV 6 Cyl.	Ø 93 -2.5	2-1.5	Ø 22 TL 64 R22		TL 195.0 OD FT 97.0 FD	TIK NO.
	CD 31.2 TL 54.2	1-3.0				
	TIK NO. 2H930100	TIK NO. R2H930100	TIK NO. P2H930100	TIK NO.	TIK NO. LNSN2H930100	
	REFERENCE NO. 23410-39810 23400-39810 23400-39812 23400-39820	REFERENCE NO. 23040-39500 23040-39800 23040-39951 23040-39952		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
3.5L NEW 6 Cyl.	Ø 92 -0.8	2-1.2	Ø 22 TL 58 SP25C		TL OD FT FD	TIK NO.
	CD 29 TL 50	1-2.0				
	TIK NO. 2H920100	TIK NO. R2H920100	TIK NO. P2H920100	TIK NO.	TIK NO.	
	REFERENCE NO. 23041-3CAAI 23412-3C700 23041-3CAB1	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0W					
D4BX 4 Cyl.	Ø 91.1 -3	1-2.6 1-2.0 1-4.0	Ø 29 TL 75 SP32		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN2H911010 LKSN2H91101T
	CD 48.7 TL 88.7					
	TIK NO. 2H911010 2H91101T	TIK NO. R2H911010	TIK NO. P2H911010	TIK NO. B1M911030	TIK NO. LNSN1M911030	
	REFERENCE NO. 23410-42000 23410-42010 23410-42020 23410-42901	REFERENCE NO. 23040-42000		REFERENCE NO. 23517-42001	REFERENCE NO. 21131-42001	
	Surface Treatment 0A					
H100A 4 Cyl.	Ø 91.1 -3.2	1-2.6 1-2.0 1-4.0	Ø 29 TL 75 SP32		TL OD FT FD	TIK NO.
	CD 48.7 TL 88.7					
	TIK NO. 2H911020 2H91102T	TIK NO. R2H911020	TIK NO. P2H911020	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
SONATA 6 Cyl.	Ø 91.1 -3	1-1.2 1-1.5 1-3.0	Ø 22 TL 64		TL OD FT FD	TIK NO.
	CD 31.2 TL 54.2					
	TIK NO. 2H911030	TIK NO. R2H911030	TIK NO. P2H911030	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
GALLOPER 4 Cyl.	Ø 91.1 -2.6	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 75		TL OD FT FD		TIK NO.
	CD 48.7 TL 88.7						
	TIK NO. 2H91104H 2H91104L	TIK NO. R2H91104H	TIK NO. P2H91104H	TIK NO.	TIK NO.		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0A							
D4BH 4 Cyl.	Ø 91.1 -2.7	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 75 SP32		TL OD FT FD	165.0 94.2 2.0 98.1	TIK NO. LKSN2H911050 LKSN2H91105L LKSN2H91105T LKSN2H91105H
	CD 48.7 TL 88.7						
	TIK NO. 2H911050 2H91105L 2H91105T 2H91105H	TIK NO. R2H911050	TIK NO. P2H911050	TIK NO. B1M911030	TIK NO. LNSN1M911030		
	REFERENCE NO. 23410-42600 23410-42500 23410-42520 23410-42630	REFERENCE NO. 23040-42510 23040-42520 23040-42521 23040-42530		REFERENCE NO. 23517-42001	REFERENCE NO. 21131-42001		
Surface Treatment 0A							
4D56/C 4 Cyl.	Ø 91.1 -2.8	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 75		TL OD FT FD	165.0 94.2 2.0 98.1	TIK NO. LKSN2H911060 LKSN2H91106L LKSN2H91106T LKSN2H91106H
	CD 48.7 TL 88.7						
	TIK NO. 2H911060 2H91106L 2H91106T 2H91106H	TIK NO. R2H911050	TIK NO. P2H911060	TIK NO. B1M911030	TIK NO. LNSN1M911030		
	REFERENCE NO. 23410-42500	REFERENCE NO. 23040-42510 23040-42520 23040-42521 23040-42530		REFERENCE NO. 23517-42001	REFERENCE NO. 21131-42001		
Surface Treatment 0A							
4D55 4 Cyl.	Ø 91.1 -3	1-2.5 1-2.0 1-4.0	Ø 29 TL 74 R29		TL OD FT FD	165.0 94.2 2.0 98.1	TIK NO. LKSN2H911100 LKSN2H91110T
	CD 48.5 TL 88.5						
	TIK NO. 2H911100 2H91110T	TIK NO. R1M911010	TIK NO. P2H911100	TIK NO. B1M911010	TIK NO. LNSN1M911010		
	REFERENCE NO. MD050021	REFERENCE NO. MD050395		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648		
Surface Treatment							
D4BF 4 Cyl.	Ø 91.1 -3	1-2.5K 1-2.0K 1-4.0K	Ø 29 TL 74 R29		TL OD FT FD	165.0 94.2 2.0 98.1	TIK NO. LKSN2H911200 LKSN2H91120T
	CD 48.7 TL 88.5						
	TIK NO. 2H911200 2H91120T	TIK NO. R2H911050	TIK NO. P2H911200	TIK NO. B1M911030	TIK NO. LNSN1M911030		
	REFERENCE NO. 23410-42860 23410-42850	REFERENCE NO. 23040-42510 23040-42520 23040-42521 23040-42530		REFERENCE NO. 23517-42001	REFERENCE NO. 21131-42001		
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
D4BB 4 Cyl.	Ø 91.1 -2.2	2-2.0	Ø 29 TL 75		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN2H911300 LKSN2H91130T
	CD 46.2 TL 76.2	1-3.0	SP32			
	TIK NO. 2H911300 2H91130T	TIK NO. R2H911300	TIK NO. P2H911300	TIK NO.	TIK NO. LNSN1M911030	
	REFERENCE NO. 23410-42701 23410-42711 23410-42721	REFERENCE NO. 23040-42200 23040-42202 23040-42210		REFERENCE NO.	REFERENCE NO. 21131-42001	
Surface Treatment ON						
D4BA 4 Cyl.	Ø 91.1 -2.6	2-2.0	Ø 29 TL 75		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN2H911400 LKSN2H91140T
	CD 48.8 TL 88.8	1-3.0	SP32			
	TIK NO. 2H911400 2H91140T	TIK NO. R2H911300	TIK NO. P2H911400	TIK NO. B1M911030	TIK NO. LNSN1M911030	
	REFERENCE NO. 23410-42201 23410-42211 23410-42221	REFERENCE NO. 23040-42200 23040-42202 23040-42210		REFERENCE NO. 23517-42001	REFERENCE NO. 21131-42001	
Surface Treatment 0A						
6G72H/A 6 Cyl.	Ø 91.1 -0.3	2-1.2	Ø 22 TL 64		TL OD FT FD	TIK NO.
	CD 31.9 TL 65.9	1-3.0				
	TIK NO. 2H911600	TIK NO. R2H911600	TIK NO. P2H911600	TIK NO.	TIK NO.	
	REFERENCE NO. 23410-35650 23410-35660 23410-35670	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
D4BH TCI 4 Cyl.	Ø 91.1 -1.5	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 75		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN2H911700 LKSN2H91170L LKSN2H91170T LKSN2H91170H
	CD 48.7 TL 88.6		R29			
	TIK NO. 2H911700 2H91170L 2H91170T 2H91170H	TIK NO. R2H911050	TIK NO. P2H911700	TIK NO. B1M911030	TIK NO. LNSN1M911030	
	REFERENCE NO. 23410-42544 23410-42411 23410-42540	REFERENCE NO. 23040-42510 23040-42520 23040-42521 23040-42530		REFERENCE NO. 23517-42001	REFERENCE NO. 21131-42001	
Surface Treatment 0A						
D4CB 4 Cyl.	Ø 91 -15	1-2.5K 1-2.0 1-3.0	Ø 33 TL 75		TL OD FT FD	TIK NO.
	CD 54.2 TL 83.7		SP36			
	TIK NO. 2H910100 2H91010L 2H91010T 2H91010H	TIK NO. R2H910100	TIK NO. P2H910100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment ON						

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
1 Cyl. 	Ø 88 -2.8 CD 52.2 TL 114.3	1-2.5K 1-2.5 1-4.0	Ø 27 TL 74		TL OD FT FD	TIK NO.
	TIK NO. 2H880100	TIK NO. R2H880100	TIK NO. P2H880100	TIK NO.	TIK NO.	
	REFERENCE NO. 13081-470124	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 95					
OPTIMA 2.4/A 4 Cyl. 	Ø 88 -1.7 CD 27.5 TL 51.5	2-1.2 1-2.0	Ø 21.01 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 2H880200	TIK NO. R2H880200	TIK NO. P2H880200	TIK NO.	TIK NO. LNSN2H880200	
	REFERENCE NO. 23410-25210	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0N					
A2431 4 Cyl. 	Ø 88 -1.7 CD 27.5 TL 51.5	2-1.2 1-2.0	Ø 21 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 2H880300	TIK NO. R2H880300	TIK NO. P2H880300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0N					
2.4GDI YF 4 Cyl. 	Ø 88 -1 CD 28.5 TL 51	2-1.2 1-2.0	Ø 22 TL 52 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 2H880400	TIK NO. R2H880400	TIK NO. P2H880400	TIK NO.	TIK NO.	
	REFERENCE NO. AMERICAN TYPE	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0W					
G6BA 6 Cyl. 	Ø 86.7 -0.8 CD 30.5 TL 54	2-1.2 1-2.5	Ø 21.01 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 2H867100	TIK NO. R2H840100	TIK NO. P2H867100	TIK NO.	TIK NO. LNSN2H840100	
	REFERENCE NO. 23410-37100 23410-37310 23410-37311 23410-37935	REFERENCE NO. 23040-37300 23040-37400 23040-37931 23040-37932		REFERENCE NO.	REFERENCE NO. 21134-37310	
	Surface Treatment 0A					



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
DELTA 2.7S 6 Cyl.	Ø 86.7 -0.6 CD 30.5 TL 54	2-1.2 1-2.0	Ø 21 TL 59		TL OD FT FD	TIK NO.
	TIK NO. 2H867200	TIK NO. R2H867200	TIK NO. P2H867200	TIK NO.	TIK NO.	
Surface Treatment ON	REFERENCE NO. 23410-3E001	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
DELTA 2.7 NEW 6 Cyl.	Ø 86.7 -0.8 CD 30.5 TL 56	2-1.2 1-2.0	Ø 21 TL 59		TL OD FT FD	TIK NO.
	TIK NO. 2H867300	TIK NO. R2H867300	TIK NO. P2H867300	TIK NO.	TIK NO.	
Surface Treatment ON	REFERENCE NO. 23410-37317	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
Y2 4 Cyl.	Ø 86.5 -5.1 CD 35.1 TL 72.2	2-1.5 1-4.0	Ø 21 TL 72		TL 155.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 2H865100	TIK NO. R2H865100	TIK NO. P2H865100	TIK NO.	TIK NO. LNSN2H865100	
Surface Treatment 00	REFERENCE NO. 23410-32610	REFERENCE NO. 23040-32600 23040-32610 23040-32700 23040-32961	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
G4JS 4 Cyl.	Ø 86.5 -3.2 CD 34.6 TL 66.6	1-1.2 1-1.5 1-2.8	Ø 22 TL 62		TL 155.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 2H865200	TIK NO. R2H865200	TIK NO. P2H865200	TIK NO.	TIK NO. LNSN2H865100	
Surface Treatment 0A	REFERENCE NO. 23410-38200 23410-38290	REFERENCE NO. 23040-38200	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
Y2/A 4 Cyl.	Ø 85 -7 CD 35.5 TL 72.3	2-1.5 1-4.0	Ø 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	TIK NO. 2H850100	TIK NO. R2H850100	TIK NO. P2H850100	TIK NO.	TIK NO. LNSN2H850100	
Surface Treatment 0A	REFERENCE NO. 23410-32800 23410-32810 23410-32820 23410-32982	REFERENCE NO. 23040-32800 23040-32820 23040-38910 23040-38912	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	




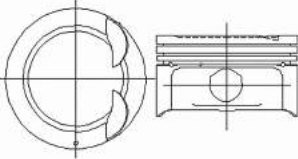
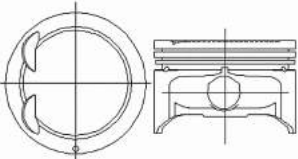
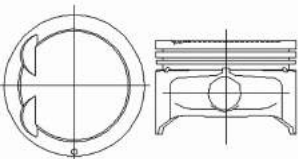

ENGINE TYPE	PISTON		PISTON RING		PISTON PIN		PIN BUSHING		LINER		LINER KIT SET
4G64JP 4 Cyl.	Ø 85	-3	1-1.2	Ø 22	TL 62		TL 150.0				TIK NO.
	CD 34.7		1-1.5				OD 89.0				
	TL 66.7		1-2.8				FT				
							FD				
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.			
	2H850200		R2H850200	P2H850200				LNSN2H850100			
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.		REFERENCE NO.			
	23410-38100		23040-38100								
	23410-38190		23040-38110								
	23410-38920		23040-38920								
	23410-38921		23040-38921								
Surface Treatment											
0A											
G4 4 Cyl.	Ø 85	-3.6	1-1.2	Ø 21	TL 66		TL				TIK NO.
	CD 35		1-1.5				OD				
	TL 67		1-2.8				FT				
							FD				
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.			
	2H850300		R2H850300	P2H850300							
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.		REFERENCE NO.			
	23410-33110										
	23410-33911										
	23410-33912										
	23410-33913										
Surface Treatment											
0A											
G6BV SANTAFE 2.5 6 Cyl.	Ø 84		2-1.2	Ø 21.01	TL 60		TL				TIK NO.
	CD 30.5		1-2.5				OD				
	TL 52.5						FT				
							FD				
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.			
	2H840100		R2H840100	P2H840100					LNSN2H840100		
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.		REFERENCE NO.			
	23410-37210		23040-37300						21134-37310		
	23410-37100		23040-37400								
			23040-37931								
			23040-37932								
Surface Treatment											
0A											
D4EA ACCENT/D 4 Cyl.	Ø 83	-13.8	1-2.0DK	Ø 28	TL 65.2		TL	153.5			TIK NO.
	CD 46.3		1-2.0				OD 86.0				
	TL 72.3		1-3.0				FT 4.8				
							FD 89.0				
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.			
	2H830100		R2H830100	P2H830100		B2H830100			LNSN2H830100		
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.		REFERENCE NO.			
	23410-27924		23040-27900			23517-27000					
			23040-27901								
			23040-27902								
			23040-27910								
Surface Treatment											
G4CR 4G61 4 Cyl.	Ø 82.3	-3.4	1-1.2	Ø 21	TL 66		TL				TIK NO.
	CD 32.5		1-1.5				OD				
	TL 64.5		1-3.0				FT				
							FD				
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.			
	2H823100		R1M823100	P2H823100					LNSN1M823100		
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.		REFERENCE NO.			
	23410-33010		MD133485								
	23410-33000		MD133495								
	MD129932		23040-33000								
			23040-33030								
Surface Treatment											
00											



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4 Cyl.	Ø 82 -3.5	2-1.2	Ø 20.01 TL 59B1		TL OD FT FD	TIK NO.
	CD 30.9 TL 63.2	1-2.5				
	TIK NO. 2H820100	TIK NO. R2H820100	TIK NO. P2H820100	TIK NO.	TIK NO. LNSN2H820100	
	REFERENCE NO. 23410-23010 23410-23060 23410-23000 23410-23050	REFERENCE NO. 23040-23000 23040-23050 23040-23200 23040-23921		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
4 Cyl.	Ø 82 +0.3	2-1.2	Ø 20 TL 59		TL OD FT FD	TIK NO.
	CD 31 TL 57.9	1-2.5				
	TIK NO. 2H820200	TIK NO. R2H820100	TIK NO. P2H820200	TIK NO.	TIK NO. LNSN2H820200	
	REFERENCE NO. 23410-23710 23410-23711 23410-23941 23410-23942	REFERENCE NO. 23040-23000 23040-23050 23040-23200 23040-23921		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
4 Cyl.	Ø 82 -3.3	2-1.2	Ø 20 TL 59		TL OD FT FD	TIK NO.
	CD 31 TL 57.4	1-2.5				
	TIK NO. 2H820300	TIK NO. R2H820300	TIK NO. P2H820300	TIK NO.	TIK NO.	
	REFERENCE NO. 23410-23610	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
4 Cyl.	Ø 82 +0.3	2-1.2	Ø 20 TL 59		TL OD FT FD	TIK NO.
	CD 31.1 TL 57.6	1-2.0				
	TIK NO. 2H820400	TIK NO. R2H820400	TIK NO. P2H820400	TIK NO.	TIK NO.	
	REFERENCE NO. 23410-23AA1 23410-23300 23410-23310	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
4 Cyl.	Ø 81.5 -3.9	1-1.2 1-1.5 1-3.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	CD 35 TL 67					
	TIK NO. 2H815100	TIK NO. R2H815100	TIK NO. P2H815100	TIK NO.	TIK NO. LNSN2H815100	
	REFERENCE NO. 23410-33410 23410-33400 23410-33420 23410-33440	REFERENCE NO. 23040-33420 23040-33430 23040-33955 23040-33956		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					

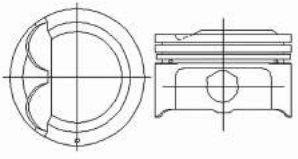
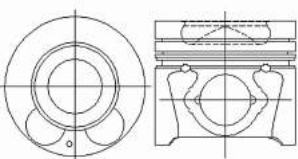
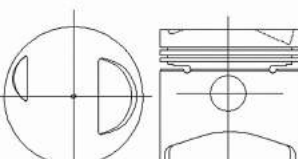
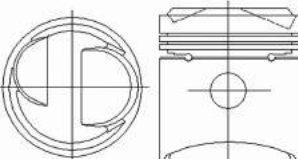
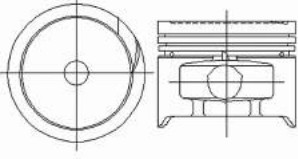


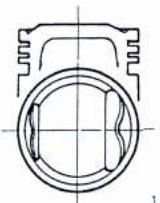
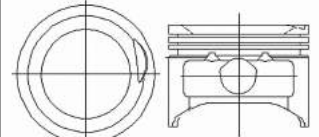
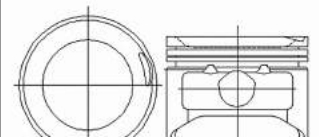
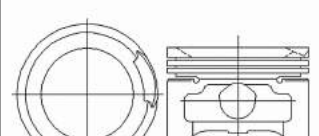
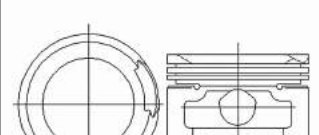
ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
D67 4 Cyl.	Ø 81.5 -3.6 CD 35 TL 68.6	1-1.2 1-1.5 1-3.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 2H815200	TIK NO. R2H815200	TIK NO. P2H815200	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
4 Cyl.	Ø 81 -2.7 CD 30.2 TL 50.4	2-1.2 1-1.5	Ø 20 TL 58 SP23		TL OD FT FD	TIK NO.
	TIK NO. 2H810100	TIK NO. R2H810100	TIK NO. P2H810100	TIK NO.	TIK NO.	
Surface Treatment 0J	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
ELANTRA 2011/2012 4 Cyl.	Ø 81 -1 CD 28.5 TL 46	1-1.0 1-1.2 1-2.0	Ø 20 TL 49 SP23C		TL OD FT FD	TIK NO.
	TIK NO. 2H810200	TIK NO. R2H810200	TIK NO. P2H810200	TIK NO.	TIK NO.	
Surface Treatment 0W	REFERENCE NO. 23041-2E110	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
Y2/B 4 Cyl.	Ø 80.6 CD 35 TL 72	2-1.5 1-4.0	Ø 21 TL 72		TL OD FT FD	TIK NO.
	TIK NO. 2H806100	TIK NO. R2H806100	TIK NO. P2H806100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
15D 4 Cyl.	Ø 79.7 -4.6 CD 32.5 TL 64.5166	1-1.2 1-1.5 1-3.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 2H790100	TIK NO. R2H790100	TIK NO. P2H790100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. SONATA/LANTRA	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
F16D 4 Cyl.	∅ 79 -2.7 CD 27.8 TL 49.7	1-1.2 1-1.5 1-3.0	∅ TL		TL OD FT FD	TIK NO.
 312	TIK NO. 2H790200	TIK NO. R2H790200	TIK NO. P2H790200	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 93740515 VECTRA 1.6	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
AVANTE1.6 4 Cyl.	∅ 77 -1 CD 26.9 TL 43.9	2-1.2 1-2.0	∅ 18.01 TL 52.3		TL OD FT FD	TIK NO.
	TIK NO. 2H770100	TIK NO. R2H770100	TIK NO. P2H770100	TIK NO.	TIK NO.	
Surface Treatment 0N	REFERENCE NO. 23410-2B000	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
ELANTRA XD 4 Cyl.	∅ 76.5 -2.9 CD 28.4 TL 50.4	2-1.2 1-2.5	∅ 18 TL 54		TL OD FT FD	TIK NO.
	TIK NO. 2H765200	TIK NO. R2H765200	TIK NO. P2H765200	TIK NO.	TIK NO. LNSN2H765200	
Surface Treatment 0A	REFERENCE NO. 23410-26111 23410-21600	REFERENCE NO. 23040-26101	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
ELANTRA 1.6 G4ED 4 Cyl.	∅ 76.5 -3.2 CD 28.1 TL 50.1	2-1.2 1-2.0	∅ 18 TL 47.3		TL OD FT FD	TIK NO.
	TIK NO. 2H765300	TIK NO. R2H765300	TIK NO. P2H765300	TIK NO.	TIK NO.	
Surface Treatment 0N	REFERENCE NO. 23410-26922 23410-26500 23410-26520 23410-26510	REFERENCE NO. 23040-26160 23040-26170	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
A2243 4 Cyl.	∅ 75.5 +2.2 CD 28.7 TL 45.8	2-1.2 1-2.0	∅ 18 TL 45.8		TL OD FT FD	TIK NO.
 353	TIK NO. 2H755060	TIK NO. R2H755060	TIK NO. P2H755060	TIK NO.	TIK NO.	
Surface Treatment 0T	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
TX3 4 Cyl.	Ø 75.5 -6.7	2-1.5	Ø 18 TL 47.5C1		TL OD FT FD	TIK NO.
	CD 31.4 TL 54.4	1-3.0				
	TIK NO. 2H755100	TIK NO. R2H755100	TIK NO. P2H755100	TIK NO.	TIK NO.	
	REFERENCE NO. 23400-22400	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
G4EB 4 Cyl.	Ø 75.5 -2.3	2-1.5 1-3.0	Ø 18 TL 47.3		TL 140.0 OD 79.5 FT FD	TIK NO.
	CD 31.4 TL 54.4					
	TIK NO. 2H755200	TIK NO. R2H755200	TIK NO. P2H755200	TIK NO.	TIK NO. LNSN2H755200	
	REFERENCE NO. 23410-22400 23410-22410 23410-22420 23410-22450	REFERENCE NO. 23040-22010 23040-22050 23040-22911 23040-22912		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
ACCENT 1.5 4 Cyl.	Ø 75.5 -6.2	1-1.2 1-1.5 1-3.0	Ø 18 TL 47		TL OD FT FD	TIK NO.
	CD 30.5 TL 53.5					
	TIK NO. 2H755300	TIK NO. R2H755300	TIK NO. P2H755300	TIK NO.	TIK NO.	
	REFERENCE NO. 23410-22511	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
G4DJ 4 Cyl.	Ø 75.5 -3.7	2-1.5 1-4.0	Ø 18 TL 60		TL 140.0 OD 79.5 FT FD	TIK NO.
	CD 29.5 TL 58.5					
	TIK NO. 2H755400	TIK NO. R2H755400	TIK NO. P2H755400	TIK NO.	TIK NO. LNSN2H755200	
	REFERENCE NO. 23410-24110 23410-24100 23410-24120	REFERENCE NO. MD074725 MD078548 MD104656		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
G4EK VERNA 1.5 4 Cyl.	Ø 75.5 -1.2	2-1.5 1-3.0	Ø 18.01 TL 47.3		TL 140.0 OD 79.5 FT FD	TIK NO.
	CD 30.7 TL 53.8					
	TIK NO. 2H755500	TIK NO. R2H755200	TIK NO. P2H755500	TIK NO.	TIK NO. LNSN2H755200	
	REFERENCE NO. 23410-22612 23410-22961 23410-22962 23410-22963	REFERENCE NO. 23040-22010 23040-22050 23040-22911 23040-22912		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					

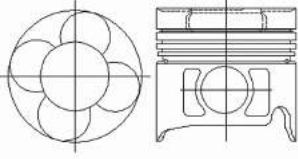
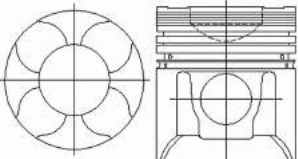
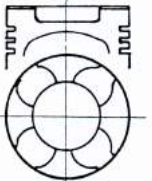
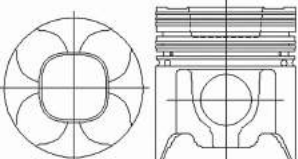
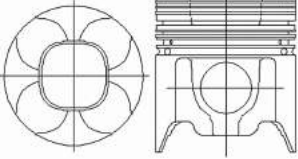
ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
ELANTRA 1.5 4 Cyl.  Surface Treatment 0J	\emptyset 75.5 +2.2 CD 28.7 TL 45.8	2-1.2 1-2.0	\emptyset 18 TL 47.5		TL 140.0 OD 79.5 FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2H755600	R2H755600	P2H755600		LNSN2H755200	
	REFERENCE NO. 23410-26410	REFERENCE NO. 23040-26002		REFERENCE NO.	REFERENCE NO.	
A1870 4 Cyl.  Surface Treatment 0J	\emptyset 75 -12.2 CD 41.9 TL 65.7	2-1.8 1-3.0	\emptyset 28 TL 62 SP31C		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2H750100 2H75010L 2H75010T 2H75010H	R2H750100	P2H750100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4G33 4 Cyl.  Surface Treatment 0J	\emptyset 73 CD 32.7 TL 70	2-1.5 1-4.0	\emptyset 19 TL 63		TL 150.0 OD 77.0 FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2H730100	R2H730100	P2H730100		LNSN2H730100	
	REFERENCE NO. 23410-11424 23410-11405 23410-11406 23410-11407	REFERENCE NO. 20930-11000 20930-11010 20930-11020 20930-11030		REFERENCE NO.	REFERENCE NO.	
4G36 4 Cyl.  Surface Treatment 0J	\emptyset 73 +3.4 CD 39.5 TL 82.4	2-2.0 1-4.0	\emptyset 19 TL 63		TL 150.0 OD 77.0 FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2H730200	R2H730200	P2H730200			
	REFERENCE NO. M738	REFERENCE NO. 20930-11000 20930-11010 20930-11020 20930-11030		REFERENCE NO.	REFERENCE NO.	
G4EH 4 Cyl.  Surface Treatment 00	\emptyset 71.5 -1.7 CD 31.4 TL 54.4	2-1.5 1-3.0	\emptyset 18 TL 47.6		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2H715100	R2H715100	P2H715100		LNSN2H715100	
	REFERENCE NO. 23410-22360 23410-22310 23410-22260	REFERENCE NO. 23040-22300 23040-22350 23040-22351 23040-22931		REFERENCE NO.	REFERENCE NO.	

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
G13B/A 4 Cyl.	Ø 71 +2.5 CD 29.1 TL 58.1	2-1.5 1-4.0	Ø 18 TL 60		TL 132.0 OD 75.0 FT FD	TIK NO.
	TIK NO. 2H710200	TIK NO. R1M710100	TIK NO. P2H710200	TIK NO.	TIK NO. LNSN1M710100	
Surface Treatment 00	REFERENCE NO. MD074676	REFERENCE NO. MD074687 MD078543 MD115490		REFERENCE NO.	REFERENCE NO.	
ATOS 1.1 4 Cyl.	Ø 67 -4.5 CD 24.5 TL 48.5	2-1.2 1-2.0	Ø 17 TL 46.5		TL OD FT FD	TIK NO.
	TIK NO. 2H670100	TIK NO. R2H670100	TIK NO. P2H670100	TIK NO.	TIK NO. LNSN2H670100	
Surface Treatment 00	REFERENCE NO. 23410-02470 23410-02270	REFERENCE NO. 23040-02950 23040-02955 23040-02970 23040-02981		REFERENCE NO.	REFERENCE NO.	
SANTRO 1.1 4 Cyl.	Ø 67 -5 CD 24.6 TL 48.6	2-1.2 1-2.5	Ø 17 TL 46.5		TL OD FT FD	TIK NO.
	TIK NO. 2H670200	TIK NO. R2H670200	TIK NO. P2H670200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 23410-02860	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
ATOS G4HC 4 Cyl.	Ø 66 -4.5 CD 25 TL 50	2-1.2 1-2.5	Ø 17 TL 45		TL 200.0 OD 70.0 FT FD	TIK NO.
	TIK NO. 2H660100	TIK NO. R2H660100	TIK NO. P2H660100	TIK NO.	TIK NO. LNSN2H660100	
Surface Treatment 00	REFERENCE NO. 23410-02700 23410-02710 23410-02720	REFERENCE NO. 23040-02700 23040-02710 23040-02931 23040-02932		REFERENCE NO.	REFERENCE NO.	
ATOS/A 4 Cyl.	Ø 66 -4.5 CD 25 TL 50	1-1.0 1-1.2 1-2.5	Ø 17 TL 45		TL OD FT FD	TIK NO.
	TIK NO. 2H6601W0	TIK NO. R2H6601W0	TIK NO. P2H6601W0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
ATOS/B 4 Cyl.	∅ 66 -4 CD 25 TL 50	2-1.2 1-2.5	∅ 17 TL 46.5		TL OD FT FD	TIK NO.
	TIK NO. 2H660400	TIK NO. R2H660400	TIK NO. P2H660400	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
ATOS/C 973 4 Cyl.	∅ 66 -4 CD 25 TL 50	1-1.22 1-1.2 1-2.5	∅ 17 TL 45		TL OD FT FD	TIK NO.
	TIK NO. 2H660500	TIK NO. R2H660500	TIK NO. P2H660500	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
SANTRO 1.0 4 Cyl.	∅ 66 -5.3 CD 25 TL 50	2-1.2 1-2.5	∅ 17 TL 46.5		TL OD FT FD	TIK NO.
	TIK NO. 2H660600	TIK NO. R2H660600	TIK NO. P2H660600	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 58510-02000	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
F20C-R 8 Cyl.	∅ 146 -25 CD 84.5 TL 138.3	1-3.35DK 1-5.0 2-3.5	∅ 50 TL 110 R50		TL OD FT FD	TIK NO.
	TIK NO. 11146020	TIK NO. R11146020	TIK NO. P11146020	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13221-1283	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
E120-3G-OLD 6 Cyl.	∅ 135 -32.9 CD 89.2 TL 150.3	1-4.0 1-2.5 1-7.0	∅ 50 TL 105 R50		TL OD FT FD	TIK NO. LKPF11135100 LKPF1113510T
	TIK NO. 11135100 1113510T	TIK NO. R11135100	TIK NO. P11135100	TIK NO. B11135100	TIK NO. LNPF11135100	
Surface Treatment 0A	REFERENCE NO. 1-12111-080-1	REFERENCE NO. 1-12121-015-0 1-12121-034-0 1-12181-022-0 1-12181-024-0		REFERENCE NO. 9-12251-088-0	REFERENCE NO. 9-12261-290-0	
E120-4G-OLD 6 Cyl.	∅ 135 -34.7 CD 89.1 TL 150	1-4.0 2-2.5 1-7.0	∅ 50 TL 105 R50		TL OD FT FD	TIK NO.
	TIK NO. 11135200 1113520T	TIK NO. R11135200	TIK NO. P11135200	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 1-12111-021-1	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
6RA1 6 Cyl.	∅ 135 -28.5 CD 89.1 TL 150.1	1-4.0 1-2.5 1-5.0	∅ 50 TL 105 R50		TL OD FT FD	TIK NO. LKPF11135300 LKPF1113530T
	TIK NO. 11135300 1113530T	TIK NO. R11135300	TIK NO. P11135300	TIK NO. B11135100	TIK NO. LNPF11135300	
Surface Treatment 0A	REFERENCE NO. 1-12111-246-2	REFERENCE NO. 1-12121-037-0 1-12121-040-0		REFERENCE NO. 9-12251-088-0	REFERENCE NO. 1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1	
E120-3G-NEW 6 Cyl.	∅ 135 -28.6 CD 89.2 TL 150	1-4.0 1-2.5 1-7.0	∅ 50 TL 105 R50		TL OD FT FD	TIK NO. LKPF11135400 LKPF1113540T
	TIK NO. 11135400 1113540T	TIK NO. R11135100	TIK NO. P11135400	TIK NO. B11135100	TIK NO. LNPF11135400	
Surface Treatment 0A	REFERENCE NO. 1-12111-080-1	REFERENCE NO. 1-12121-015-0 1-12121-034-0 1-12181-022-0 1-12181-024-0		REFERENCE NO. 9-12251-088-0	REFERENCE NO. 9-12261-290-0	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
E120-4G-NEW 6 Cyl.	Ø 135 -26.7 CD 89.2 TL 150	1-4.0 2-2.5 1-7.0	Ø 50 TL 104 R50		TL OD FT FD	TIK NO.
	TIK NO. 11135500 1113550T	TIK NO. R11135500	TIK NO. P11135500	TIK NO.	TIK NO.	
	REFERENCE NO. 1-12111-022-2	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
6RB1 6 Cyl.	Ø 135 -28.5 CD 82.2 TL 143.2	1-4.0 1-2.5 1-5.0	Ø 50 TL 105 R50		TL OD FT FD	TIK NO. LKPF11135600 LKPF1113560T
	TIK NO. 11135600 1113560T	TIK NO. R11135300	TIK NO. P11135600	TIK NO. B11135100	TIK NO. LNPF11135300	
	REFERENCE NO. 1-12111-437-0	REFERENCE NO. 1-12121-037-0 1-12121-040-0		REFERENCE NO. 9-12251-088-0	REFERENCE NO. 1-11261-082-0 1-11261-098-0 1-11261-133-0 1-11261-105-1	
Surface Treatment 0A						
10PE1 10 Cyl.	Ø 127 -25.7 CD 67.7 TL 106.5	1-4.0DK 2-3.0 1-4.0	Ø 43 TL 80 R43		TL OD FT FD	TIK NO. LKFF11127010 LKFF1112701L LKFF1112701T LKFF1112701H
	TIK NO. 11127010 1112701L 1112701T 1112701H	TIK NO. R11119300	TIK NO. P11127010	TIK NO. B11119300	TIK NO. LNFF11119300	
	REFERENCE NO. 1-12111-926-0	REFERENCE NO. 1-12121-129-1		REFERENCE NO.	REFERENCE NO. 1-11261-175-0 1-11261-175-1 1-11261-286-0	
Surface Treatment 0A						
10PE1/A 10 Cyl.	Ø 127 -25.8 CD 67.7 TL 106.5	1-4.0DK 2-3.0 1-4.0	Ø 43 TL 80 R43		TL OD FT FD	TIK NO.
	TIK NO. 11127020 1112702T	TIK NO. R11127020	TIK NO. P11127020	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
6QA1 6 Cyl.	Ø 125 -26 CD 83.1 TL 135.9	1-3.0 1-2.5 1-6.0	Ø 46 TL 106 R46		TL OD FT FD	TIK NO. LKCF11125100 LKCF1112510T
	TIK NO. 11125100 1112510T	TIK NO. R11125100	TIK NO. P11125100	TIK NO. B11125100	TIK NO. LNCF11125100	
	REFERENCE NO. 1-12111-206-0 1-12111-338-0	REFERENCE NO. 1-12121-028 1-12121-046		REFERENCE NO. 9-12251-073-0 9-12251-074-0	REFERENCE NO. 1-11261-160-0	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
DH100-5G 6 Cyl.	Ø 120 -7.5 CD 77 TL 150	3-3.0 2-6.0	Ø 45 TL 97 R45		TL OD FT FD	TIK NO.
	TIK NO. 1I120100 1I12010T	TIK NO. R11I20100	TIK NO. P1I120100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 9-12111-171-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
DH100-4G 6 Cyl.	Ø 120 -6 CD 77 TL 151.8	3-3.0 1-6.0	Ø 45 TL 97 R45		TL OD FT FD	TIK NO. LKFF11120200 LKFF1112020T
	TIK NO. 1I120200 1I12020T	TIK NO. R11I20200	TIK NO. P1I120200	TIK NO. B11I20200	TIK NO. LNFF11120200	
Surface Treatment 0A	REFERENCE NO. 9-12111-742-0	REFERENCE NO. 1-12121-016-0 1-12181-001-0 9-12181-083-0 9-12181-086-0		REFERENCE NO. 9-12251-069-0 9-12251-070-0	REFERENCE NO. 9-11261-241-0 9-11261-270-0	
6SD1 6 Cyl.	Ø 120 -24 CD 75 TL 117	1-3.5 1-2.5 1-5.0	Ø 43 TL 90 R43		TL 239 OD 123 FT 6.0+1.0 FD 129.6	TIK NO. LKPF11120300 LKPF1112030T
	TIK NO. 1I120300 1I12030T	TIK NO. R11I20300	TIK NO. P1I120300	TIK NO. B11I20300	TIK NO. LNPF11120300	
Surface Treatment 0A	REFERENCE NO. 1-12111-569-0	REFERENCE NO. 1-12121-094-1		REFERENCE NO. 1-12251-021-0 1-12251-021-1	REFERENCE NO. 1-11261-106-2 1-11261-298-0	
6SD1X 6 Cyl.	Ø 120 -24.8 CD 75.1 TL 117	1-3.5 1-2.5 1-5.0	Ø 43 TL 90 R43		TL OD FT FD	TIK NO.
	TIK NO. 1I120400 1I12040L 1I12040T 1I12040H	TIK NO. R11I20400	TIK NO. P1I120400	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 1-12111-567-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
10PC1 10 Cyl.	Ø 119 -23.4 CD 67.7 TL 104	1-4.0 1-2.5 1-4.0	Ø 38 TL 80 R38		TL OD FT FD	TIK NO. LKFF11119100 LKFF1111910T
	TIK NO. 1I119100 1I11910T	TIK NO. R11I19100	TIK NO. P1I119100	TIK NO. B11I15100	TIK NO. LNFF11119100	
Surface Treatment 0A	REFERENCE NO. 1-12111-296-1	REFERENCE NO. 1-12121-062-0 1-12121-063-0		REFERENCE NO. 1-12251-011-0	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
10PC1T 10 Cyl.	Ø 119 -23.7	1-3.0 1-2.5 1-4.0	Ø 38 TL 80 R38		TL OD FT FD	TIK NO. LKFF11119200 LKFF1111920T
	CD 67.7 TL 104					
	TIK NO. 1I119200 1I11920T	TIK NO. R11119200	TIK NO. P11119200	TIK NO. B11115300	TIK NO. LNFF11119200	
	REFERENCE NO. 1-12111-419-2	REFERENCE NO. 1-12121-047-0 1-12121-048-0		REFERENCE NO. 1-12251-001-0	REFERENCE NO. 1-11261-143-1	
Surface Treatment 0A						
10PD1 10 Cyl.	Ø 119 -25.1	1-4.0 1-2.5 1-4.0	Ø 43 TL 80 R43		TL OD FT FD	TIK NO. LKFF11119300 LKFF1111930T
	CD 67.7 TL 106.5					
	TIK NO. 1I119300 1I11930T	TIK NO. R11119300	TIK NO. P11119300	TIK NO. B11119300	TIK NO. LNFF11119300	
	REFERENCE NO. 1-12111-444-1 1-12111-926-0	REFERENCE NO. 1-12121-129-1		REFERENCE NO.	REFERENCE NO. 1-11261-175-0 1-11261-175-1 1-11261-286-0	
Surface Treatment 0A						
4HK1-TCS 4 Cyl.	Ø 115 -18.8	1-3.0K 1-2.5 1-4.0	Ø 40 TL 87 R40		TL OD FT FD	TIK NO.
	CD 66.1 TL 96.6					
	TIK NO. 1I115010 1I11501L 1I11501T 1I11501H	TIK NO. R11115010	TIK NO. P11115010	TIK NO.	TIK NO.	
	REFERENCE NO. 8-97602-800-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						
6HK1-4G NEW 6 Cyl.	Ø 115 -18.7	1-3.0DK 1-2.0 1-2.5 1-3.0	Ø 40 TL 87 R40		TL OD FT FD	TIK NO.
	CD 66.1 TL 119.9					
	TIK NO. 1I115020 1I11502L 1I11502T 1I11502H	TIK NO. R11115020	TIK NO. P11115020	TIK NO.	TIK NO.	
	REFERENCE NO. 1-12111-901-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
10PB1 10 Cyl.	Ø 115 -23.4	1-3.0 1-2.5 1-4.0	Ø 38 TL 78 R38		TL OD FT FD	TIK NO. LKFF11115100 LKFF1111510T
	CD 67.8 TL 104					
	TIK NO. 1I115100 1I11510T	TIK NO. R11115100	TIK NO. P11115100	TIK NO. B11115100	TIK NO. LNFF11115100	
	REFERENCE NO. 1-12111-156-1 1-12111-259-1	REFERENCE NO. 1-12121-043-0 1-12181-058-0 1-12181-061-0 1-12181-069-0		REFERENCE NO. 1-12251-011-0	REFERENCE NO. 1-11261-063-0	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6SA1 6 Cyl.	Ø 115 -22.7	1-3.0 1-2.5 1-4.0	Ø 38 TL 80 R38		TL OD FT FD	TIK NO. LKPF11115200 LKPF1111520T
	CD 67.8 TL 104					
	TIK NO. 11115200 1111520T	TIK NO. R11115200	TIK NO. P11115200	TIK NO. B11115200	TIK NO. LNPF11115200	
	REFERENCE NO. 1-12111-217-1	REFERENCE NO. 1-12121-043-0 1-12181-058-0 1-12181-061-0 1-12181-069-0		REFERENCE NO. 1-12251-016-0 1-12251-016-2	REFERENCE NO. 1-11261-065-3 1-11261-094-1	
Surface Treatment 0A						
10PA1 10 Cyl.	Ø 115 -24.1	1-3.0 1-2.5 1-6.0	Ø 38 TL 80 R38		TL OD FT FD	TIK NO. LKFF11115300 LKFF1111530T
	CD 75.3 TL 113.3					
	TIK NO. 11115300 1111530T	TIK NO. R11115300	TIK NO. P11115300	TIK NO. B11115300	TIK NO. LNFF11115100	
	REFERENCE NO. 1-12111-154-1 1-12111-154-0	REFERENCE NO. 1-12121-042-0 1-12181-016-0 1-12181-060-0		REFERENCE NO. 1-12251-001-0	REFERENCE NO.	
Surface Treatment 0A						
6SA1T 6 Cyl.	Ø 115 -23.2	1-3.0 1-2.5 1-4.0	Ø 38 TL 80 R38		TL OD FT FD	TIK NO. LKPF1111540H LKPF1111540T LKPF1111540L
	CD 67.5 TL 104.2					
	TIK NO. 1111540H 1111540T 1111540L	TIK NO. R11115200	TIK NO. P1111540H	TIK NO. B11115200	TIK NO. LNPF11115200	
	REFERENCE NO. 1-12111-459-1	REFERENCE NO. 1-12121-070-0 1-12121-075-0 1-12121-113-0 1-12121-750-0		REFERENCE NO. 1-12251-016-0 1-12251-016-2	REFERENCE NO. 1-11261-065-3 1-11261-094-1	
Surface Treatment 0A						
4HG1 4 Cyl.	Ø 115 -22	1-3.0K 1-2.5 1-4.0	Ø 36 TL 79 R36		TL OD FT FD	TIK NO. LKFF11115500 LKFF1111550T
	CD 60.7 TL 104.4					
	TIK NO. 11115500 1111550T	TIK NO. R11115500	TIK NO. P11115500	TIK NO. B11112100	TIK NO. LNFF11115500	
	REFERENCE NO. 8-97183-666-0	REFERENCE NO. 8-97105-867-0 8-97219-054-0 8-98055-478-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-97176-729-0 8-97176-730-0 8-97351-558-0/1 8-97351-559-0/1	
Surface Treatment 0A						
4HG1/A 4 Cyl.	Ø 115 -22.5	1-3.0K 1-2.5 1-4.0	Ø 36 TL 79		TL OD FT FD	TIK NO. LKPF11115800
	CD 60.8 TL 119.5					
	TIK NO. 11115800	TIK NO. R11115500	TIK NO. P11115800	TIK NO. B11112100	TIK NO. LNPF11115800	
	REFERENCE NO. 8-97219-032-0	REFERENCE NO. 8-97105-867-0 8-97219-054-0 8-98055-478-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-97176-729-0 8-97176-730-0 8-97351-558-0/1 8-97351-559-0/1	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6HK1-4G 6 Cyl.	Ø 115 -23.9	1-3.0DK 1-2.0	Ø 40 TL 87		TL OD FT FD	TIK NO.
	CD 66.1 TL 120	1-2.5 1-3.0	R40			
	TIK NO. 1I115900 1I11590L 1I11590T 1I11590H	TIK NO. R11115900	TIK NO. P11115900	TIK NO.	TIK NO.	
	REFERENCE NO. 1-12111-976-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4HF1 4 Cyl.	Ø 112 -21.2	1-3.0 1-2.5	Ø 36 TL 79		TL OD FT FD	TIK NO. LKPF11112100 LKPF1111210T
	CD 60.7 TL 94.6	1-4.0	R36			
	TIK NO. 1I112100 1I11210T	TIK NO. R11112100	TIK NO. P11112100	TIK NO. B11112100	TIK NO. LNPF11112100	
	REFERENCE NO. 8-97095-585-1	REFERENCE NO. 8-97028-691-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-97144-174-0 8-97176-727-0 8-97176-728-0	
Surface Treatment 0A						
4HF1/A 4 Cyl.	Ø 112 -18.5	1-3.0 1-2.5	Ø 36 TL 79		TL OD FT FD	TIK NO. LKPF11112200 LKPF1111220T
	CD 60.8 TL 94.5	1-4.0	R36			
	TIK NO. 1I112200 1I11220T	TIK NO. R11112100	TIK NO. P11112200	TIK NO. B11112100	TIK NO. LNPF11112100	
	REFERENCE NO. 8-97095-654-0	REFERENCE NO. 8-97028-691-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-97144-174-0 8-97176-727-0 8-97176-728-0	
Surface Treatment 0A						
4HF1/B 4 Cyl.	Ø 112 -22	1-3.0K 1-2.5	Ø 36 TL 79		TL OD FT FD	TIK NO.
	CD 60.75 TL 94.5	1-4.0	R36			
	TIK NO. 1I112300 1I11230T	TIK NO. R11112300	TIK NO. P11112300	TIK NO.	TIK NO.	
	REFERENCE NO. 8-97183-667-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
6HE1 6 Cyl.	Ø 110 -19.7	1-3.0 1-2.5	Ø 36 TL 79		TL OD FT FD	TIK NO. LKPF11110010 LKPF1111001T
	CD 66 TL 100	1-4.0	R36			
	TIK NO. 1I110010 1I11001T	TIK NO. R11110010	TIK NO. P11110010	TIK NO. B11110010	TIK NO. LNPF11110010	
	REFERENCE NO. 1-12111-837-0	REFERENCE NO. 8-94396-840-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-94396-332-0	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6HETB 6HE1T 6 Cyl.	Ø 110 -22.5 CD 66.2 TL 119.9	1-4.0DK 1-3.0 1-3.0	Ø 40 TL 87		TL OD FT FD	TIK NO. LKPF11110020 LKPF1111002T
	TIK NO. 11110020 1111002T	TIK NO. R11110020	TIK NO. P11110020	TIK NO. B11110020	TIK NO. LNPF11110020	
Surface Treatment 0A	REFERENCE NO. 8-94391-594-0	REFERENCE NO. 8-94390-529-1 8-94395-061-3 8-94395-061-5		REFERENCE NO. 8-94394-613-0	REFERENCE NO. 8-94391-600-0 8-94391-601-0	
4HE1T 4 Cyl.	Ø 110 -22.3 CD 66.2 TL 120	1-3.0K 1-2.5 1-4.0	Ø 40 TL 87 R40		TL OD FT FD	TIK NO. LKPF11110030 LKPF1111003L LKPF1111003T LKPF1111003H
	TIK NO. 11110030 1111003L 1111003T 1111003H	TIK NO. R11110030	TIK NO. P11110030	TIK NO. B11102500	TIK NO. LNPF11110030	
Surface Treatment 0A	REFERENCE NO. 8-97176-652-0 8-97183-664-0 8-97183-665-0	REFERENCE NO. 8-97078-779-0		REFERENCE NO. 8-94394-613-0	REFERENCE NO. 8-97176-723-0 8-97176-724-0 8-97176-725-0 8-97176-726-0	
6HE1/A 6 Cyl.	Ø 110 -19.9 CD 66 TL 100	1-3.0 1-2.5 1-4.0	Ø 36 TL 79 R36		TL OD FT FD	TIK NO.
	TIK NO. 11110040 1111004T	TIK NO. R11110040	TIK NO. P11110040	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
6BG1 6 Cyl.	Ø 105 -18.5 CD 55.2 TL 94.5	1-3.0 1-2.5 1-4.0	Ø 35 TL 87 R35		TL OD FT FD	TIK NO. LKCF11105100 LKCF1110510T
	TIK NO. 11105100 1110510T	TIK NO. R11105100	TIK NO. P11105100	TIK NO. B11102500	TIK NO. LNCF11105100	
Surface Treatment 0A	REFERENCE NO. 1-12111-323-2	REFERENCE NO. 1-12121-065-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-119-0	
4BE1 4 Cyl.	Ø 105 -17.6 CD 56.4 TL 95.7	1-3.0 1-2.5 1-5.0	Ø 35 TL 85 R35		TL OD FT FD	TIK NO. LKCF11105200 LKCF1110520T
	TIK NO. 11105200 1110520T	TIK NO. R11105200	TIK NO. P11105200	TIK NO. B11102200	TIK NO. LNCF11105200	
Surface Treatment 0A	REFERENCE NO. 5-12111-022-0 8-94438-989-1	REFERENCE NO. 8-94418-918-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 5-11261-016-2	



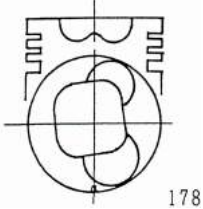
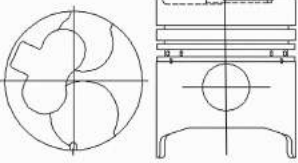
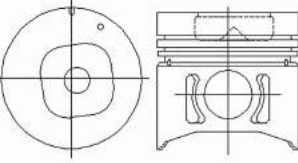
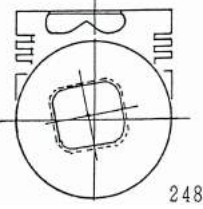
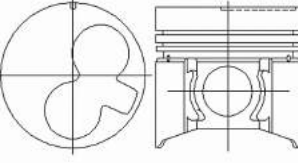
ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6BF1 6 Cyl.	Ø 105 -19	1-3.0 1-2.5 1-5.0	Ø 35 TL 87 R35		TL OD FT FD	TIK NO. LKCF11105300 LKCF1110530T
	CD 58.9 TL 110.1					
	TIK NO. 11105300 1110530T	TIK NO. R11105300	TIK NO. P11105300	TIK NO. B11102300	TIK NO. LNCF11105100	
	REFERENCE NO. 5-12111-192-1 1-12111-345-0	REFERENCE NO. 1-12121-052-0 5-12121-006-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-119-0	
Surface Treatment 0A						
6BG1T 6 Cyl.	Ø 105 -18.5	1-3.0 1-2.5 1-4.0	Ø 35 TL 87 R35		TL OD FT FD	TIK NO. LKCF11105400 LKCF1110540T
	CD 55 TL 94.7					
	TIK NO. 11105400 1110540T	TIK NO. R11105100	TIK NO. P11105400	TIK NO. B11102300	TIK NO. LNCF11105100	
	REFERENCE NO. 1-12111-761-0 1-12111-471-0	REFERENCE NO. 1-12121-065-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-119-0	
Surface Treatment 0A						
6BG1TB 6 Cyl.	Ø 105 -8.5	1-3.5 1-2.5 1-4.0	Ø 35 TL 87 R35		TL OD FT FD	TIK NO. LKCF11105500 LKCF1110550L LKCF1110550T LKCF1110550H
	CD 55 TL 99.7					
	TIK NO. 11105500 1110550L 1110550T 1110550H	TIK NO. R11105500	TIK NO. P11105500	TIK NO. B11102300	TIK NO. LNCF11105100	
	REFERENCE NO. 1-12111-626-0 1-12111-366-0	REFERENCE NO. 1-12121-115-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-119-0	
Surface Treatment 0A						
4BE1B 4 Cyl.	Ø 105 -18.2	1-3.0 1-2.5 1-5.0	Ø 35 TL 85 R35		TL OD FT FD	TIK NO. LKCF11105600 LKCF1110560T
	CD 56.4 TL 95.7					
	TIK NO. 11105600 1110560T	TIK NO. R11105200	TIK NO. P11105600	TIK NO. B11102200	TIK NO. LNCF11105200	
	REFERENCE NO. 8-94478-116-0	REFERENCE NO. 8-94418-918-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 5-11261-016-2	
Surface Treatment 0A						
6BG1-4G 6 Cyl.	Ø 105 -21.5	1-3.5DK 2-2.5 1-4.0	Ø 35 TL 87 R35		TL OD FT FD	TIK NO.
	CD 55.2 TL 94.6					
	TIK NO. 11105700 1110570L 1110570T 1110570H	TIK NO. R11105700	TIK NO. P11105700	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4BC2/A 4 Cyl.	Ø 102.03 -19.6	1-3.0 1-2.5 1-5.0	Ø 35 TL 87 R35		TL 187.0 OD 105.0 FT 1.4 FD 112.0	TIK NO. LKCF111022A0 LKCF111022AT
	CD 58.8 TL 98.1					
	TIK NO. 111022A0 111022AT	TIK NO. R11102200	TIK NO. P111022A0	TIK NO. B11102200	TIK NO. LNCF11102200	
	REFERENCE NO. 87-71236 5-12111-230-4	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 5-11261-014-0 5-11261-014-2	
Surface Treatment 0A						
6BB1/A 6 Cyl.	Ø 102 -19.2	1-3.0 1-2.5 1-5.0	Ø 35 TL 87 R35		TL OD FT FD	TIK NO.
	CD 62.7 TL 102					
	TIK NO. 11102010 1110201T	TIK NO. R11102010	TIK NO. P11102010	TIK NO.	TIK NO.	
	REFERENCE NO. 1-12111-633-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
DA640-4G 6 Cyl.	Ø 102 -6.2	3-2.5 1-5.0	Ø 36 TL 86 R36		TL OD FT FD	TIK NO. LKFF111021A0 LKFF111021AT
	CD 68 TL 125					
	TIK NO. 111021A0 111021AT	TIK NO. R111021A0	TIK NO. P111021A0	TIK NO. B111021A0	TIK NO. LNFF111021A0	
	REFERENCE NO. 1-12111-740-0 1-12111-122-0	REFERENCE NO. 1-12121-009-0 1-12181-007-0 1-12181-033-0 1-12181-074-0		REFERENCE NO. 9-12251-084-0	REFERENCE NO. 9-11261-277-0 9-11261-288-0	
Surface Treatment 0A						
DA640-5G 6 Cyl.	Ø 102 -6.2	3-2.5 2-4.0	Ø 34 TL 84 R34		TL OD FT FD	TIK NO.
	CD 62 TL 125					
	TIK NO. 111021B0 111021BT	TIK NO. R111021B0	TIK NO. P111021B0	TIK NO.	TIK NO.	
	REFERENCE NO. 1-12111-321-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
DA640 6 Cyl.	Ø 102 -2.8	1-3.5K 1-2.5 1-5.0	Ø 36 TL 86 R36		TL OD FT FD	TIK NO.
	CD 68 TL 125					
	TIK NO. 111021C0 111021CT	TIK NO. R111021C0	TIK NO. P111021C0	TIK NO.	TIK NO.	
	REFERENCE NO. 1-12111-050-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 45						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4BC2 4 Cyl.	∅ 102 -18	1-3.0 1-2.5 1-5.0	∅ 35 TL 85 R35		TL 187.0 OD 105.0 FT 1.4 FD 112.0	TIK NO. LKCF11102200 LKCF1110220T
	CD 58.8 TL 98.1					
	TIK NO. 11102200 1110220T	TIK NO. R11102200	TIK NO. P11102200	TIK NO. B11102200	TIK NO. LNCF11102200	
	REFERENCE NO. 5-12111-230-4 8-94169-765-0 8-97176-632-0	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 5-11261-014-0 5-11261-014-2	
Surface Treatment 0A						
6BB1 6 Cyl.	∅ 102 -19.1	1-3.0 1-2.5 1-5.0	∅ 35 TL 87 R35		TL 204.0 OD 105.0 FT 1.4 FD 112.0	TIK NO. LKCF11102300 LKCF1110230T
	CD 62.8 TL 112.3					
	TIK NO. 11102300 1110230T	TIK NO. R11102300	TIK NO. P11102300	TIK NO. B11102300	TIK NO. LNCF11102300	
	REFERENCE NO. 5-12111-013-0	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	
Surface Treatment 0A						
6BD1T/A 6BD1T 6 Cyl.	∅ 102 -19.8	1-3.0 1-2.5 1-5.0	∅ 35 TL 87 R35		TL OD FT FD	TIK NO. LKCF11102400 LKCF1110240T
	CD 58.7 TL 104.2					
	TIK NO. 11102400 1110240T	TIK NO. R11102300	TIK NO. P11102400	TIK NO. B11102300	TIK NO. LNCF11102300	
	REFERENCE NO. 1-12111-633-0	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	
Surface Treatment 0A						
6BD1 4BD1 6 Cyl.	∅ 102 -19.8	1-3.0 1-2.5 1-5.0	∅ 35 TL 87 R35		TL 204.0 OD 105.0 FT 1.4 FD 112.0	TIK NO. LKCF111024A0 LKCF111024AT
	CD 58.7 TL 104.2					
	TIK NO. 111024A0 111024AT	TIK NO. R11102300	TIK NO. P111024A0	TIK NO. B11102300	TIK NO. LNCF11102300	
	REFERENCE NO. 5-12111-068-0	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	
Surface Treatment 0A						
4BD1-NEW 4 Cyl.	∅ 102 -19	1-3.0 1-2.5 1-5.0	∅ 35 TL 87 R35		TL 204.0 OD 105.0 FT 1.4 FD 112.0	TIK NO. LKCF111024B0 LKCF111024BT
	CD 58.8 TL 98.3					
	TIK NO. 111024B0 111024BT	TIK NO. R11102200	TIK NO. P111024B0	TIK NO. B11102200	TIK NO. LNCF111024B0	
	REFERENCE NO. 5-12111-211-1	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4BD1-OLD 4 Cyl.  Surface Treatment 0A	∅ 102 -20.7 CD 58.9 TL 104.2	1-3.0 1-2.5 1-5.0	∅ 35 TL 87 R35		TL 204.0 OD 105.0 FT 1.4 FD 112.0	TIK NO. LKCF111024C0 LKCF111024CT
	TIK NO. 111024C0 111024CT	TIK NO. R11102200	TIK NO. P111024C0	TIK NO. B11102200	TIK NO. LNCF111024B0	
	REFERENCE NO. 1-12111-240-1	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	
4BC1 4 Cyl.  Surface Treatment 0A	∅ 102 -3 CD 58.7 TL 112	1-3.0 1-2.5 1-5.0	∅ 33 TL 83 R33		TL OD FT FD	TIK NO. LKCF11102500 LKCF1110250T
	TIK NO. 11102500 1110250T	TIK NO. R11102200	TIK NO. P11102500	TIK NO. B11102500	TIK NO. LNCF11102200	
	REFERENCE NO. 5-12111-172-1 5-12111-188-1	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1		REFERENCE NO. 5-12251-010-0 9-12251-603-0	REFERENCE NO. 5-11261-014-0 5-11261-014-2	
4BD1C 4 Cyl.  Surface Treatment 0A	∅ 102 -20 CD 59 TL 98.5	1-3.0 1-2.5 1-5.0	∅ 35 TL 87 R35		TL OD FT FD	TIK NO.
	TIK NO. 11102600 1110260T	TIK NO. R11102600	TIK NO. P11102600	TIK NO.	TIK NO.	
	REFERENCE NO. 8-94455-912-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4BD1E 4 Cyl.  Surface Treatment 0A	∅ 102 -19.6 CD 58.8 TL 102	1-3.0 1-2.5 1-5.0	∅ 35 TL 87		TL OD FT FD	TIK NO.
	TIK NO. 11102700	TIK NO. R11102700	TIK NO. P11102700	TIK NO.	TIK NO.	
	REFERENCE NO. 8-94455-912-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4BD1T 4 Cyl.  Surface Treatment 0G	∅ 102 -2.7 CD 58.7 TL 98.3	1-3.0 1-2.5 1-5.0	∅ 35 TL 87 R35		TL 204.0 OD 105.0 FT 1.4 FD 112.0	TIK NO. LKCF11102800 LKCF1110280L LKCF1110280T LKCF1110280H
	TIK NO. 11102800 1110280L 1110280T 1110280H	TIK NO. R11102200	TIK NO. P11102800	TIK NO. B11102200	TIK NO. LNCF111024B0	
	REFERENCE NO. 5-12111-457-2 8-97025-457-0 8-97176-640-0 8-94025-457-2	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-12181-024-1		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6BD1T 6 Cyl.	Ø 102 -19.7	1-3.0 1-2.5 1-5.0	Ø 35 TL 87 R35		TL OD FT FD	TIK NO. LKCF11102900 LKCF1110290T
	CD 58.8 TL 98.1					
	TIK NO. 11102900 1110290T	TIK NO. R11102300	TIK NO. P11102900	TIK NO. B11102300	TIK NO. LNCF11102300	
	REFERENCE NO. 1-12111-325-1	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	
Surface Treatment 0A						
DA120-4G 6 Cyl.	Ø 100 -6	3-2.5 1-5.0	Ø 34 TL 84 R34		TL OD FT FD	TIK NO. LKFF11100100 LKFF1110010T
	CD 62 TL 125					
	TIK NO. 11100100 1110010T	TIK NO. R11100100	TIK NO. P11100100	TIK NO. B11100100	TIK NO. LNFF11100100	
	REFERENCE NO. 9-12111-901-0 5-12111-126-0	REFERENCE NO. 1-12121-001-0 1-12181-005-0 1-12181-036-0 1-12181-087-0		REFERENCE NO. 9-12251-083-0	REFERENCE NO. 9-11261-276-0 9-11261-287-0 9-11261-287-1	
Surface Treatment 0A						
DA120-5G 4 Cyl.	Ø 100 -6.2	3-2.5 2-4.0	Ø 34 TL 84 R34		TL OD FT FD	TIK NO.
	CD 62 TL 125					
	TIK NO. 111002A0 111002AT	TIK NO. R111002A0	TIK NO. P111002A0	TIK NO.	TIK NO.	
	REFERENCE NO. 9-12111-196-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4BA1 4 Cyl.	Ø 98 -2	1-3.0 1-2.5 1-5.0	Ø 33 TL 85 R33		TL 180.5 OD 101.0 FT 1.4 FD 108.0	TIK NO. LKCF11980100 LKCF1198010T
	CD 62.6 TL 112.3					
	TIK NO. 11980100 1198010T	TIK NO. R11980100	TIK NO. P11980100	TIK NO. B11980100	TIK NO. LNCF11980100	
	REFERENCE NO. 5-12111-055-1	REFERENCE NO. 5-12121-001-0 5-12121-019-0 5-12181-025-0 9-12181-601-0		REFERENCE NO. 9-12251-059-0	REFERENCE NO. 5-11261-802-0 9-11261-802-2	
Surface Treatment 0A						
4JX1T 4 Cyl.	Ø 95.4 -17.4	1-2.5DK 1-2.0 1-4.0	Ø TL		TL OD FT FD	TIK NO.
	CD 51.7 TL 101.7					
	TIK NO. 11954010	TIK NO. R11954010	TIK NO. P11954010	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 1K						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4JH1-TC 4 Cyl.	Ø 95.4 -16.8	1-2.0K 1-1.5 1-3.0	Ø 34 TL 78 R34		TL 180.0 OD 99.4 FT 4.0 FD 103.4	TIK NO. LKSN11954020 LKSN1195402L LKSN1195402T LKSN1195402H
	CD 58.5 TL 87.3					
	TIK NO. 1I954020 1I95402L 1I95402T 1I95402H	TIK NO. R11954020	TIK NO. P11954020	TIK NO.	TIK NO. LNSN11954020	
	REFERENCE NO. 8-97355-672-2	REFERENCE NO. 8-97388-734-0 8-97389-284-0 8-98096-676-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						
4JG2 4 Cyl.	Ø 95.4 -2.6	1-2.5 1-2.0 1-4.0	Ø 34 TL 78 SP37		TL 178.6 OD 97.0 FT 1.1 FD 102.3	TIK NO. LKCF11955100 LKCF1195510T
	CD 49.2 TL 89.2					
	TIK NO. 1I955100 1I95510T	TIK NO. R11955100	TIK NO. P11955100	TIK NO. B11930400	TIK NO. LNCF11955100	
	REFERENCE NO. 8-97073-647-1	REFERENCE NO. 8-97080-215-0		REFERENCE NO. 8-94457-158-0	REFERENCE NO. 8-97176-702-0 8-94456-791-0	
Surface Treatment 0G						
4JG2T 4 Cyl.	Ø 95.4 -2.2	1-2.5 1-2.0 1-4.0	Ø 34 TL 78 SP37		TL 178.6 OD 97.0 FT 1.1 FD 102.3	TIK NO. LKCF11955100 LKCF1195510L LKCF1195510T LKCF1195510H
	CD 49.2 TL 89.3					
	TIK NO. 1I955200 1I95520L 1I95520T 1I95520H	TIK NO. R11955100	TIK NO. P11955200	TIK NO. B11930400	TIK NO. LNCF11955100	
	REFERENCE NO. 8-97086-449-0 8-97073-647-1	REFERENCE NO. 8-97080-215-0		REFERENCE NO. 8-94457-158-0	REFERENCE NO. 8-97176-702-0 8-94456-791-0	
Surface Treatment 0G						
4JH1T 4 Cyl.	Ø 95.4 -19.9	1-2.5 1-2.0 1-3.0	Ø 31 TL 76 SP34C		TL 178.6 OD 97.0 FT 1.1 FD 102.3	TIK NO. LKCF11955300 LKCF1195530L LKCF1195530T LKCF1195530H
	CD 49.9 TL 89					
	TIK NO. 1I955300 1I95530L 1I95530T 1I95530H	TIK NO. R11955300	TIK NO. P11955300	TIK NO. B11955300	TIK NO. LNCF11955100	
	REFERENCE NO. 8-97305-586-1 8-97305-585-3	REFERENCE NO. 8-97941-122-0 8-97259-941-0		REFERENCE NO.	REFERENCE NO. 8-97176-702-0 8-94456-791-0	
Surface Treatment 0A						
4JK1 4 Cyl.	Ø 95.4 -16.8	1-2.0K 1-1.5 1-3.0	Ø 34 TL 78 SP37C		TL OD FT FD	TIK NO.
	CD 58.5 TL 87.2					
	TIK NO. 1I955400 1I95540L 1I95540T 1I95540H	TIK NO. R11955400	TIK NO. P11955400	TIK NO.	TIK NO.	
	REFERENCE NO. 8-97355-671-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4JJ1 4 Cyl.	Ø 95.4 -16.2	1-2.0K 1-1.5 1-3.0	Ø 34 TL 78 SP37C		TL OD FT FD	TIK NO.
	CD 49.8 TL 78.5					
	TIK NO. 1I955500 1I95550L 1I95550T 1I95550H	TIK NO. R1I955500	TIK NO. P1I955500	TIK NO.	TIK NO.	
	REFERENCE NO. 8-97367-397-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						
4KH1 4 Cyl.	Ø 95.4 -20.1	1-2.5 1-2.0 1-3.0	Ø 31 TL 76 SP34C		TL OD FT FD	TIK NO.
	CD 49.9 TL 89					
	TIK NO. 1I955600 1I95560L 1I95560T 1I95560H	TIK NO. R1I955600	TIK NO. P1I955600	TIK NO.	TIK NO.	
	REFERENCE NO. 8-97240-047-3	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4JG1 4 Cyl.	Ø 95.4 -17	1-2.5 1-2.0 1-4.0	Ø TL TL SP37		TL OD FT FD	TIK NO.
	CD 49.35 TL 89.35					
	TIK NO. 1I955700 1I95570T	TIK NO. R1I955700	TIK NO. P1I955700	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
6VD1 6 Cyl.	Ø 93.41 -5.1	2-1.5 1-4.0	Ø 22 TL 70		TL 177.8 OD 97.4 FT FD	TIK NO.
	CD 31.8 TL 65.3					
	TIK NO. 1I934100	TIK NO. R1I934100	TIK NO. P1I934100	TIK NO.	TIK NO. LNSN1I934100	
	REFERENCE NO. 8-94374-965-1	REFERENCE NO. 8-97127-562-0 8-97162-198-0 8-97307-372-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
6VE1 6 Cyl.	Ø 93.4 -3	2-1.5 1-3.0	Ø 22 TL 66		TL 215.0 OD 97.4 FT FD	TIK NO.
	CD 29.7 TL 52.7					
	TIK NO. 1I934200	TIK NO. R1I934200	TIK NO. P1I934200	TIK NO.	TIK NO. LNSN1I934200	
	REFERENCE NO. 8-97167-093-2 8-97136-315-3 8-97167-094-2	REFERENCE NO. 8-97136-135-0 8-97170-113-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						

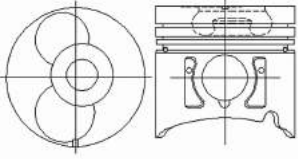
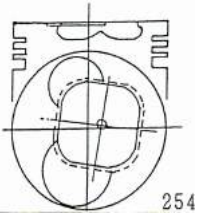
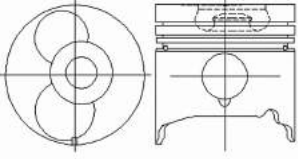
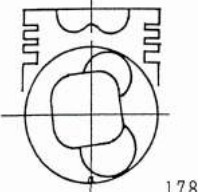


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6VD1/A 6 Cyl.	Ø 93.4 -3	2-1.5	Ø 22.01 TL 66		TL OD FT FD	TIK NO.
	CD 33.595 TL 57	1-3.0				
	TIK NO. 1I934300	TIK NO. R1I934200	TIK NO. P1I934300	TIK NO.	TIK NO. LNSN1I934200	
	REFERENCE NO. 8-97172-674-0 8-97172-676-0 8-97172-765-0	REFERENCE NO. 8-97136-135-0 8-97170-113-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
6VD1/B 6 Cyl.	Ø 93.4 -3	2-1.5	Ø 22.01 TL 66		TL OD FT FD	TIK NO.
	CD 33.695 TL 57	1-3.0				
	TIK NO. 1I934400	TIK NO. R1I934400	TIK NO. P1I934400	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
6VE1/A 6 Cyl.	Ø 93.4 -4.2	2-1.2	Ø 22 TL 66		TL OD FT FD	TIK NO.
	CD 29.9 TL 52.9	1-2.0				
	TIK NO. 1I934500	TIK NO. R1I934500	TIK NO. P1I934500	TIK NO.	TIK NO.	
	REFERENCE NO. 8-97358-043-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4JA1 4 Cyl.	Ø 93 -15	2-2.0	Ø 31 TL 76		TL 156.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF1I930100 LKCF1I93010T
	CD 47.8 TL 88	1-4.0	R31			
	TIK NO. 1I930100 1I93010T	TIK NO. R1I930100	TIK NO. P1I930100	TIK NO. B1I930100	TIK NO. LNCF1I930100	
	REFERENCE NO. 8-94152-712-1	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO. 8-94110-144-0 8-94462-130-0	
Surface Treatment 0A						
4JB1 4 Cyl.	Ø 93 -14.5	2-2.0	Ø 31 TL 76		TL 181.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF1I930200 LKCF1I93020T
	CD 51.8 TL 92	1-4.0	R31			
	TIK NO. 1I930200 1I93020T	TIK NO. R1I930100	TIK NO. P1I930200	TIK NO. B1I930100	TIK NO. LNCF1I930200	
	REFERENCE NO. 8-94152-711-1 8-94433-892-0	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO. 8-94247-861-0 8-94247-861-2	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4JA1C 4 Cyl.	Ø 93 -17.5	2-2.0	Ø 31 TL 76		TL 156.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF11930300 LKCF1193030T
	CD 47.8 TL 87.8	1-4.0	R31			
	TIK NO. 11930300 1193030T	TIK NO. R11930100	TIK NO. P11930300	TIK NO. B11930100	TIK NO. LNCF11930100	
	REFERENCE NO. 8-97089-892-0 8-94369-892-0 8-97109-181-0 8-97176-601-0	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO. 8-94110-144-0 8-94462-130-0	
Surface Treatment 0A						
4JB1B 4 Cyl.	Ø 93 -14	1-2.0 1-2.0 1-4.0	Ø 34 TL 78		TL 181.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF11930400 LKCF1193040T
	CD 51.85 TL 92		SP37C			
	TIK NO. 11930400 1193040T	TIK NO. R11930100	TIK NO. P11930400	TIK NO. B11930400	TIK NO. LNCF11930200	
	REFERENCE NO. 8-94340-620-2 8-97176-602-2 8-94369-218-0	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94457-158-0	REFERENCE NO. 8-94247-861-0 8-94247-861-2	
Surface Treatment 0A						
4JB1C 4 Cyl.	Ø 93 -19.5	1-2.0 1-2.0 1-4.0	Ø 31 TL 76		TL 181.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF11930500 LKCF1193050T
	CD 51.85 TL 91.8		SP34C			
	TIK NO. 11930500 1193050T	TIK NO. R11930100	TIK NO. P11930500	TIK NO. B11930100	TIK NO. LNCF11930200	
	REFERENCE NO. 8-97176-606-0	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO. 8-94247-861-0 8-94247-861-2	
Surface Treatment 0A						
4JB1T 4 Cyl.	Ø 93 -14	2-2.0 1-4.0	Ø 31 TL 76		TL 181.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF11930600 LKCF1193060T
	CD 51.8 TL 92		R31			
	TIK NO. 11930600 1193060T	TIK NO. R11930100	TIK NO. P11930600	TIK NO. B11930400	TIK NO. LNCF11930200	
	REFERENCE NO. 8-94445-718-0	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94457-158-0	REFERENCE NO. 8-94247-861-0 8-94247-861-2	
Surface Treatment 0A						
4JB1D 4 Cyl.	Ø 93 -18	2-2.0 1-4.0	Ø 34 TL 78		TL OD FT FD	TIK NO.
	CD 51.9 TL 92		SP37			
	TIK NO. 11930700 1193070T	TIK NO. R11930700	TIK NO. P11930700	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4JB1 4JB1 NEW 4 Cyl.	Ø 93 -19.6 CD 51.8 TL 91.9	2-2.0 1-4.0	Ø 34 TL 78 SP38-1		TL 181.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF1I930800 LKCF1I93080T
	TIK NO. 1I930800 1I93080T	TIK NO. R1I930100	TIK NO. P1I930800	TIK NO. B1I930400	TIK NO. LNCF1I930200	
Surface Treatment 0A	REFERENCE NO. 8-97108-621-0 8-94460-887-1	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94457-158-0	REFERENCE NO. 8-94247-861-0 8-94247-861-2	
4JA1D TFR/87 4 Cyl.	Ø 93 -14.3 CD 47.8 TL 87.6	2-2.0 1-4.0	Ø 31 TL 76 SP34C		TL 156.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF1I930900 LKCF1I93090T
	TIK NO. 1I930900 1I93090T	TIK NO. R1I930100	TIK NO. P1I930900	TIK NO. B1I930100	TIK NO. LNCF1I930100	
Surface Treatment 0A	REFERENCE NO. 8-94369-281-0	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO. 8-94110-144-0 8-94462-130-0	
4JA1E 4 Cyl.	Ø 93 -17 CD 47.7 TL 102.7	2-2.0 1-4.0	Ø 31 TL 76 R31		TL 156.0 OD 95.0 FT 0.9 FD 101.0	TIK NO.
	TIK NO. 1I931100 1I93110T	TIK NO. R1I931100	TIK NO. P1I931100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 8-97088-990-0	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0		REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO. 8-94110-144-0 8-94462-130-0	
TFR 2000 4 Cyl.	Ø 93 -17 CD 47.7 TL 102.7	2-2.0 1-4.0	Ø 31 TL 76 R31		TL OD FT FD	TIK NO.
	TIK NO. 1I9311T0	TIK NO. R1I9311T0	TIK NO. P1I9311T0	TIK NO.	TIK NO.	
Surface Treatment	REFERENCE NO. 8-97088-990-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4JB1/F 4 Cyl.	Ø 93 -14.3 CD 51.8 TL 91.8	2-2.0 1-4.0	Ø 31 TL 76 SP34C		TL OD FT FD	TIK NO.
	TIK NO. 1I931200 1I93120T	TIK NO. R1I931200	TIK NO. P1I931200	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4JA1TC 4 Cyl.	Ø 93 -16 CD 47.8 TL 103	2-2.0 1-4.0	Ø 31 TL 76 SP34C		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1I931300 1I93130L 1I93130T 1I93130H	R1I931300	P1I931300			
	REFERENCE NO. 5-8781-413-200	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						
4JA1/F 4 Cyl.	Ø 93 -17.7 CD 48 TL 102.7	2-2.0 1-4.0	Ø 31 TL 76 SP35		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1I931400 1I93140T	R1I931400	P1I931400			
	REFERENCE NO. 8-97942-618-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4JA1/G 4 Cyl.	Ø 93 -17.5 CD 47.8 TL 102.8	2-2.0 1-4.0	Ø 31 TL 76 SP34C		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1I931500 1I93150T	R1I931500	P1I931500			
	REFERENCE NO. 8-97942-978-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4JB1/G 4 Cyl.	Ø 93 -19.9 CD 51.8 TL 91.9	1-3.0DK 1-2.0 1-3.5	Ø 31 TL 76 R31		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1I931600 1I93160T	R1I931600	P1I931600			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						
4JB1/H 4 Cyl.	Ø 93 -18.4 CD 51.8 TL 91.8	1-3.0DK 1-2.0 1-3.0	Ø 34 TL 78 R34		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1I931700 1I93170T	R1I931700	P1I931700			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4JB1/J 4 Cyl.	Ø 93 -18.5 CD 51.8 TL 84.3	1-3.0DK 1-2.0 1-3.5	Ø 31 TL 77 SP34C		TL OD FT FD	TIK NO.
	TIK NO. 1I931800 1I93180T	TIK NO. R1I931800	TIK NO. P1I931800	TIK NO.	TIK NO.	
Surface Treatment 0D	REFERENCE NO. 1004060E06-A1	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
4JB1/K 4 Cyl.	Ø 93 -18.5 CD 51.8 TL 84.3	1-3.0DK 1-2.0 1-3.5	Ø 31 TL 77		TL OD FT FD	TIK NO.
	TIK NO. 1I931900 1I93190T	TIK NO. R1I931900	TIK NO. P1I931900	TIK NO.	TIK NO.	
Surface Treatment 0D	REFERENCE NO. 1004060CAT	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
4JA1T 4 Cyl.	Ø 93 -17.6 CD 47.7 TL 102.7	1-2.0 1-2.0 1-4.0	Ø 31 TL 76 R31		TL 156.0 OD 95.0 FT 0.9 FD 101.0	TIK NO. LKCF1I932000 LKCF1I93200T
	TIK NO. 1I932000 1I93200T	TIK NO. R1I930100	TIK NO. P1I932000	TIK NO. B1I930100	TIK NO. LNCF1I930100	
Surface Treatment 0A	REFERENCE NO. 8-97176-691-0 8-97176-695-0 8-97942-985-0	REFERENCE NO. 8-94247-867-0 8-94247-867-1 8-97319-087-0	REFERENCE NO.	REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO. 8-94110-144-0 8-94462-130-0	
4ZE1 4 Cyl.	Ø 92.6 -1.4 CD 36.5 TL 79	2-1.5 1-4.0	Ø 23 TL 77		TL OD FT FD	TIK NO.
	TIK NO. 1I926100	TIK NO. R1I926100	TIK NO. P1I926100	TIK NO.	TIK NO. LNSN1I926100	
Surface Treatment 00	REFERENCE NO. 8-94163-189-1 8-94163-189-2 8-94163-189-3 8-94319-522-0	REFERENCE NO. 8-94320-180-0 8-94320-181-0 8-94337-249-0 8-94337-250-0	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
4ZE1A 4 Cyl.	Ø 92.6 -4.65 CD 36.5 TL 79.1	1-1.5 1-1.5 1-4.0	Ø 23 TL 77		TL OD FT FD	TIK NO.
	TIK NO. 1I926200	TIK NO. R1I926200	TIK NO. P1I926200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 8-97176-798-0	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4ZD1 4 Cyl.	Ø 89.3 -5	2-1.5	Ø 23 TL 77		TL 150.0 OD 93.3 FT FD	TIK NO.
	CD 39 TL 81	1-4.0				
	TIK NO. 11893100	TIK NO. R11893200	TIK NO. P11893100	TIK NO.	TIK NO. LNSN11893100	
	REFERENCE NO. 8-94156-657-0	REFERENCE NO. 8-94136-778-0 8-94136-778-1 8-94153-966-0 8-94153-966-1		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4FG1 4 Cyl.	Ø 89.3 -2	2-2.0	Ø 27 TL 68 R27		TL 194.5 OD 93.3 FT 4.0 FD 97.3	TIK NO. LKSN11893200 LKSN1189320T
	CD 47.3 TL 80.6	1-4.0				
	TIK NO. 11893200 1189320T	TIK NO. R11893200	TIK NO. P11893200	TIK NO. B11880200	TIK NO. LNSN11893200	
	REFERENCE NO. 8-94454-813-0 8-97115-172-0	REFERENCE NO. 8-94469-634-0		REFERENCE NO. 8-94247-838-0	REFERENCE NO.	
Surface Treatment 0A						
4ZD1A 4 Cyl.	Ø 89.3 -5.2	2-1.5	Ø 23 TL 77		TL OD FT FD	TIK NO.
	CD 39 TL 81	1-4.0				
	TIK NO. 11893300	TIK NO. R11893300	TIK NO. P11893300	TIK NO.	TIK NO.	
	REFERENCE NO. 8-94438-625-1	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4ZD1M 4 Cyl.	Ø 89.3 -3.25	2-1.5	Ø 23 TL 77		TL 150.0 OD 93.3 FT FD	TIK NO.
	CD 39 TL 81	1-4.0				
	TIK NO. 11893400	TIK NO. R11893200	TIK NO. P11893400	TIK NO.	TIK NO. LNSN11893100	
	REFERENCE NO. 8-97080-597-1	REFERENCE NO. 8-94136-778-0 8-94136-778-1 8-94153-966-0 8-94153-966-1		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4ZD1K 4 Cyl.	Ø 89.3 -4.3	2-1.5	Ø 23 TL 77		TL 150.0 OD 93.3 FT FD	TIK NO.
	CD 39 TL 81	1-4.0				
	TIK NO. 11893500	TIK NO. R11893200	TIK NO. P11893500	TIK NO.	TIK NO. LNSN11893100	
	REFERENCE NO. 8-94438-625-2 8-94440-257-1 8-94440-379-1 8-94136-777-3	REFERENCE NO. 8-94136-778-0 8-94136-778-1 8-94153-966-0 8-94153-966-1		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6VD1L 6 Cyl.	Ø 89 -6.5	2-1.5	Ø 23 TL		TL OD FT FD	TIK NO.
	CD 35.6 TL 71.7	1-4.0				
	TIK NO. 1I890100	TIK NO. R1I890100	TIK NO. P1I890100	TIK NO.	TIK NO.	
	REFERENCE NO. RY6691	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
C223T 4 Cyl.	Ø 88 -2.4	1-2.5 1-2.0 1-4.5	Ø 27 TL 68 R27		TL OD FT FD	TIK NO. LKCF1I880100 LKCF1I88010T
	CD 47.5 TL 90					
	TIK NO. 1I880100 1I88010T	TIK NO. R1I880100	TIK NO. P1I880100	TIK NO. B1I860200	TIK NO. LNCF1I880100	
	REFERENCE NO. 5-12111-212-0	REFERENCE NO. 5-12121-017-0 5-12121-024-0		REFERENCE NO. 5-12251-005-0 5-12251-007-0 9-12251-005-0	REFERENCE NO. 5-11261-015-0 5-11261-015-2 8-94169-883-1	
Surface Treatment 0A						
C223 NEW 4 Cyl.	Ø 88 -3	2-2.0 1-4.0	Ø 27 TL 68 R27		TL 163.0 OD 90.0 FT 0.9 FD 95.0	TIK NO. LKCF1I8801A0 LKCF1I8801AT
	CD 47.5 TL 82.5					
	TIK NO. 1I8801A0 1I8801AT	TIK NO. R1I8801A0	TIK NO. P1I8801A0	TIK NO. B1I860200	TIK NO. LNCF1I880100	
	REFERENCE NO. 8-94250-729-0	REFERENCE NO. 8-94253-736-0		REFERENCE NO. 5-12251-005-0 5-12251-007-0 9-12251-005-0	REFERENCE NO. 5-11261-015-0 5-11261-015-2 8-94169-883-1	
Surface Treatment 0A						
4FD1 4 Cyl.	Ø 88 -2.1	2-2.0 1-4.0	Ø 27 TL 68 R27		TL 169.0 OD 92.0 FT 4.0 FD 96.0	TIK NO. LKSN1I880200 LKSN1I88020T
	CD 46.8 TL 80.7					
	TIK NO. 1I880200 1I88020T	TIK NO. R1I880200	TIK NO. P1I880200	TIK NO. B1I880200	TIK NO. LNSN1I880200	
	REFERENCE NO. 8-94105-454-0	REFERENCE NO. 8-94250-730-0		REFERENCE NO. 8-94247-838-0	REFERENCE NO.	
Surface Treatment 0A						
4ZC1 4 Cyl.	Ø 88 -2	2-1.5 1-4.0	Ø 22 TL 77		TL OD FT FD	TIK NO.
	CD 37 TL 80					
	TIK NO. 1I880300	TIK NO. R1I880100	TIK NO. P1I880300	TIK NO.	TIK NO. LNSN1I880300	
	REFERENCE NO. 8-94143-151-3	REFERENCE NO. 8-94119-545-0 8-94133-032-0 8-94133-033-0 8-94143-049-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4JC1 4 Cyl.	Ø 88 -14.2	2-2.0	Ø 31 TL 71		TL OD FT FD	TIK NO.
	CD 47.8 TL 87.7	1-4.0	R31			
	TIK NO. 1I880400 1I88040T	TIK NO. R1I880400	TIK NO. P1I880400	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO. 8-94253-736-0		REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO. 5-11261-015-0 5-11261-015-2 8-94169-883-1	
Surface Treatment 0A						
C223T-NEW 4 Cyl.	Ø 88 -1.75	1-2.5 1-2.0 1-4.0	Ø 29 TL 68		TL OD FT FD	TIK NO. LKCF1I880500 LKCF1I88050L LKCF1I88050T LKCF1I88050H
	CD 47.7 TL 82.8		R29			
	TIK NO. 1I880500 1I88050L 1I88050T 1I88050H	TIK NO. R1I880500	TIK NO. P1I880500	TIK NO. B1I880500	TIK NO. LNCF1I880100	
	REFERENCE NO. 8-94250-181-0	REFERENCE NO. 8-94158-084-0		REFERENCE NO.	REFERENCE NO. 5-11261-015-0 5-11261-015-2 8-94169-883-1	
Surface Treatment 0A						
D201 4 Cyl.	Ø 88 -14.5	3-2.0 1-4.0	Ø 31 TL 71		TL OD FT FD	TIK NO.
	CD 47.72 TL 87.8		R31			
	TIK NO. 1I880700	TIK NO. R1I880700	TIK NO. P1I880700	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
D201-NEW 4 Cyl.	Ø 88 -14.1	3-2.0 1-3.0	Ø 31 TL 71C1		TL OD FT FD	TIK NO.
	CD 47.8 TL 87.8		SP34C			
	TIK NO. 1I880800 1I88080T	TIK NO. R1I880800	TIK NO. P1I880800	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
2.2DI 4 Cyl.	Ø 88 -14.2	3-2.0 1-4.0	Ø 31 TL 71		TL OD FT FD	TIK NO.
	CD 47.9 TL 87.8		R31			
	TIK NO. 1I880900 1I88090T	TIK NO. R1I880900	TIK NO. P1I880900	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
ASKA 2.4 4 Cyl.	Ø 87.5 -5.8	1-1.2 1-1.5 1-2.5	Ø 21 TL 60		TL OD FT FD	TIK NO.
	CD 26.9 TL 50					
	TIK NO. 11875100	TIK NO. R11875100	TIK NO. P11875100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						
D-MAX 2.4 4 Cyl.	Ø 87.5 -6.3	1-1.2 1-1.5 1-2.5	Ø 21 TL 61.5		TL OD FT FD	TIK NO.
	CD 27.3 TL 50.3					
	TIK NO. 11875200	TIK NO. R11875200	TIK NO. P11875200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
G200Z 4 Cyl.	Ø 87	2-2.0 1-4.0	Ø 22 TL 77		TL 150.0 OD 91.0 FT FD	TIK NO.
	CD 37 TL 80					
	TIK NO. 11870100	TIK NO. R11870100	TIK NO. P11870100	TIK NO.	TIK NO. LNSN11870100	
	REFERENCE NO. 8-94213-831-0 8-94217-840-0 8-94217-890-0	REFERENCE NO. 8-94216-641-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
G200ZA 4 Cyl.	Ø 87	2-1.5 1-4.0	Ø 22 TL 77		TL 150.0 OD 91.0 FT FD	TIK NO.
	CD 37 TL 80					
	TIK NO. 118701A0	TIK NO. R118701A0	TIK NO. P118701A0	TIK NO.	TIK NO. 118701A0	
	REFERENCE NO. 8-94237-469-1 8-94237-469-2	REFERENCE NO. 8-94130-295-0 8-94231-817-0 8-94248-831-0 8-94248-847-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
C240-4G 4 Cyl.	Ø 86 -3	3-2.0 1-5.0	Ø 27 TL 72 R27		TL 178.5 OD 88.0 FT 0.9 FD 94.0	TIK NO. LKCF118601A0 LKCF118601AT
	CD 51.5 TL 95.5					
	TIK NO. 118601A0 118601AT	TIK NO. R118601A0	TIK NO. P118601A0	TIK NO. B118601A0	TIK NO. LNCF118601A0	
	REFERENCE NO. 5-12111-813-0 5-12111-064-0	REFERENCE NO. 5-12121-007-0 5-12181-027-0 5-12181-028-0 9-12181-603-0		REFERENCE NO. 9-12251-062-0	REFERENCE NO. 9-11261-230-0 9-11261-230-1	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
C240-5G 4 Cyl.	Ø 86 -3	3-2.0	Ø 27 TL 72		TL OD FT FD	TIK NO.
	CD 51.5 TL 95.5	2-5.0	R27			
	TIK NO. 1I8601B0 1I8601BT	TIK NO. R1I8601B0	TIK NO. P1I8601B0	TIK NO.	TIK NO.	
	REFERENCE NO. 5-12111-834-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
C190A-3G KB26 4 Cyl.	Ø 86 -2	1-2.5 1-2.0 1-5.0	Ø 27 TL 68		TL 163.3 OD 88.0 FT 0.9 FD 94.0	TIK NO. LKCF1I860200 LKCF1I86020T
	CD 51.5 TL 95.5		R27			
	TIK NO. 1I860200 1I86020T	TIK NO. R1I860200	TIK NO. P1I860200	TIK NO. B1I860200	TIK NO. LNCF1I860200	
	REFERENCE NO. 5-12111-225-0	REFERENCE NO. 5-12121-021-0 8-94104-949-0		REFERENCE NO. 5-12251-005-0 5-12251-007-0 9-12251-005-0	REFERENCE NO. 9-11261-224-0 9-11261-230-1 9-11261-224-1	
Surface Treatment 0A						
C190-4G 4 Cyl.	Ø 86 -2	3-2.0 1-5.0	Ø 27 TL 72		TL 163.3 OD 88.0 FT 0.9 FD 94.0	TIK NO. LKCF1I8602A0 LKCF1I8602AT
	CD 51.5 TL 95.5		R27			
	TIK NO. 1I8602A0 1I8602AT	TIK NO. R1I8601A0	TIK NO. P1I8602A0	TIK NO. B1I8601A0	TIK NO. LNCF1I860200	
	REFERENCE NO. 5-12111-119-0 5-12111-203-0	REFERENCE NO. 5-12121-007-0 5-12181-027-0 5-12181-028-0 9-12181-603-0		REFERENCE NO. 9-12251-062-0	REFERENCE NO. 9-11261-224-0 9-11261-224-1	
Surface Treatment 0A						
C190-3G 4 Cyl.	Ø 86 -2	1-2.5 1-2.0 1-5.0	Ø 27 TL 68		TL 163.3 OD 88.0 FT 0.9 FD 94.0	TIK NO. LKCF1I8602B0 LKCF1I8602BT
	CD 51.5 TL 96.5		R27			
	TIK NO. 1I8602B0 1I8602BT	TIK NO. R1I860200	TIK NO. P1I8602B0	TIK NO. B1I860200	TIK NO. LNCF1I860200	
	REFERENCE NO. 5-12111-225-0	REFERENCE NO. 5-12121-021-0 8-94104-949-0		REFERENCE NO. 5-12251-005-0 5-12251-007-0 9-12251-005-0	REFERENCE NO. 9-11261-224-0 9-11261-224-1	
Surface Treatment 0A						
C240-3G 4 Cyl.	Ø 86 -3	1-2.5 1-2.0 1-5.0	Ø 27 TL 68		TL 178.5 OD 88.0 FT 0.9 FD 94.0	TIK NO. LKCF1I860300 LKCF1I86030T
	CD 51.5 TL 84.5		R27			
	TIK NO. 1I860300 1I86030T	TIK NO. R1I860200	TIK NO. P1I860300	TIK NO. B1I860200	TIK NO. LNCF1I8601A0	
	REFERENCE NO. 8-94326-225-0	REFERENCE NO. 5-12121-021-0 8-94104-949-0		REFERENCE NO. 5-12251-005-0 5-12251-007-0 9-12251-005-0	REFERENCE NO. 9-11261-230-0 9-11261-230-1	
Surface Treatment 0A						

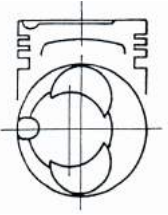
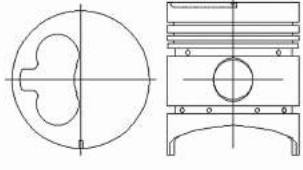
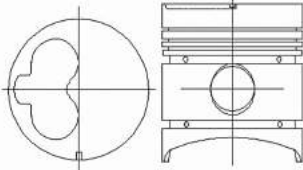
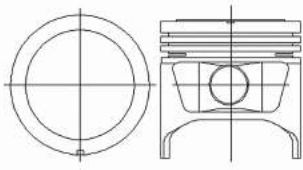
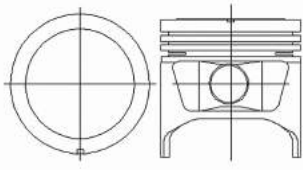


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
C240B 4 Cyl.	∅ 86 -3 CD 51.5 TL 95.6	3-2.0 1-5.0	∅ 27 TL 72 R27		TL 163.3 OD 88.0 FT 0.9 FD 94.0	TIK NO. LKCF11860400
	TIK NO. 11860400	TIK NO. R118601A0	TIK NO. P11860400	TIK NO. B118601A0	TIK NO. LNCF11860200	
	REFERENCE NO. 5-12111-137-0	REFERENCE NO. 5-12121-007-0 5-12181-027-0 5-12181-028-0 9-12181-603-0		REFERENCE NO. 9-12251-062-0	REFERENCE NO. 9-11261-224-0 9-11261-224-1	
Surface Treatment 0A						
C22NE 4 Cyl.	∅ 86 -7 CD 30 TL 50	2-1.5 1-3.0	∅ 21 TL 61.5		TL OD FT FD	TIK NO.
	TIK NO. 11860500	TIK NO. R11860500	TIK NO. P11860500	TIK NO.	TIK NO.	
	REFERENCE NO. 8-92064-306-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4FB1 4 Cyl.	∅ 84 -2 CD 44.5 TL 74.6	1-2.5 1-2.0 1-4.0	∅ 25 TL 67 R25		TL 172.0 OD 88.0 FT 4.0 FD 92.0	TIK NO. LKSN11840300 LKSN1184030T
	TIK NO. 11840300 1184030T	TIK NO. R11840300	TIK NO. P11840300	TIK NO. B11840300	TIK NO. LNSN11840300	
	REFERENCE NO. 8-94228-886-2 8-94201-492-0 8-94235-962-0	REFERENCE NO. 8-94139-973-0 8-94224-221-0		REFERENCE NO. 5-12271-007-0	REFERENCE NO. 5-11261-119-0	
Surface Treatment 0A						
4FC1 4 Cyl.	∅ 84 -1.8 CD 47 TL 76.7	1-2.5 1-2.0 1-4.0	∅ 25 TL 67 R25		TL 172.0 OD 88.0 FT 4.0 FD 92.0	TIK NO. LKSN11840400 LKSN1184040T
	TIK NO. 11840400 1184040T	TIK NO. R11840300	TIK NO. P11840400	TIK NO. B11840300	TIK NO. LNSN11840300	
	REFERENCE NO. 8-94228-887-1 8-94228-887-0 8-94228-887-2	REFERENCE NO. 8-94139-973-0 8-94224-221-0		REFERENCE NO. 5-12271-007-0	REFERENCE NO. 5-11261-119-0	
Surface Treatment 0A						
G180Z 4 Cyl.	∅ 84 -1 CD 37 TL 80	2-2.0 1-4.0	∅ 22 TL 66		TL 168.0 OD 86.0 FT FD	TIK NO.
	TIK NO. 11840500	TIK NO. R11840500	TIK NO. P11840500	TIK NO.	TIK NO. LNSN11840500	
	REFERENCE NO. 8-94215-088-0	REFERENCE NO. 5-12181-054-0 8-94208-205-0 8-94216-640-0 8-94224-555-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						

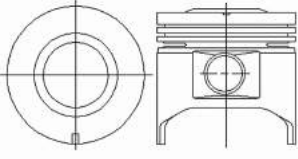
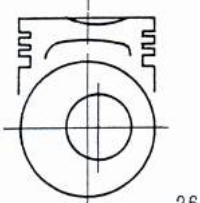
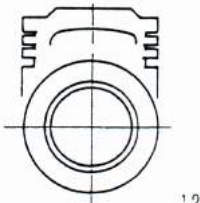
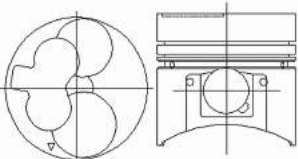
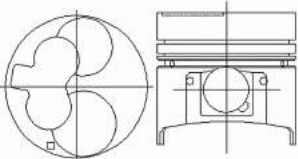


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4ZB1 4 Cyl.	Ø 84 -1 CD 37 TL 80	2-1.5 1-4.0	Ø 22 TL 66		TL 168.0 OD 86.0 FT FD	TIK NO.
	TIK NO. 11840600	TIK NO. R11840600	TIK NO. P11840600	TIK NO.	TIK NO. LNSN11840500	
Surface Treatment 00	REFERENCE NO. 8-94235-290-0	REFERENCE NO. 8-94130-294-0 8-94141-443-0 8-94143-047-1 8-94235-877-0		REFERENCE NO.	REFERENCE NO.	
G180S 4 Cyl.	Ø 84 CD 37 TL 80	2-2.0 1-4.0	Ø 22 TL 66 SP25		TL 168.0 OD 86.0 FT FD	TIK NO.
	TIK NO. 11840700	TIK NO. R11840500	TIK NO. P11840700	TIK NO.	TIK NO. LNSN11840500	
Surface Treatment 00	REFERENCE NO. 9-12411-622-0	REFERENCE NO. 5-12181-054-0 8-94208-205-0 8-94216-640-0 8-94224-555-0		REFERENCE NO.	REFERENCE NO.	
G180ZA 4 Cyl.	Ø 84 -2 CD 37 TL 80	2-2.0 1-4.0	Ø 22 TL 66		TL 168.0 OD 86.0 FT FD	TIK NO.
	TIK NO. 11840800	TIK NO. R11840500	TIK NO. P11840800	TIK NO.	TIK NO. LNSN11840500	
Surface Treatment 00	REFERENCE NO. 8-94201-040-0	REFERENCE NO. 5-12181-054-0 8-94208-205-0 8-94216-640-0 8-94224-555-0		REFERENCE NO.	REFERENCE NO.	
4ZB1/A 4ZB1 4 Cyl.	Ø 84 -1.2 CD 36.9 TL 80	2-1.5 1-4.0	Ø 22 TL 66		TL 168.0 OD 86.0 FT FD	TIK NO.
	TIK NO. 11840900	TIK NO. R11840600	TIK NO. P11840900	TIK NO.	TIK NO. LNSN11840500	
Surface Treatment 0A	REFERENCE NO. 8-94235-290-0	REFERENCE NO. 8-94130-294-0 8-94141-443-0 8-94143-047-1 8-94235-877-0		REFERENCE NO.	REFERENCE NO.	
C221 4 Cyl.	Ø 83 -3 CD 48.5 TL 95.5	3-2.0 2-5.0	Ø 25 TL 72 R25		TL OD FT FD	TIK NO. LKCF11830100 LKCF1183010T
	TIK NO. 11830100 1183010T	TIK NO. R11830100	TIK NO. P11830100	TIK NO. B11830100	TIK NO. LNCF11830100	
Surface Treatment 0A	REFERENCE NO. 9-12111-646-0 9-12111-065-0	REFERENCE NO. 5-12121-013-0 5-12121-014-0 5-12181-015-0 9-12181-122-0		REFERENCE NO. 9-12251-038-0 9-12251-048-0 9-12251-061-0	REFERENCE NO. 9-11261-253-0 9-11261-253-1	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
C220 4 Cyl.	Ø 83 -1.3 CD 48 TL 95	3-2.0 2-4.0	Ø 25 TL 72 R25		TL OD FT FD	TIK NO.
 58 Surface Treatment 0A	TIK NO. 11830200	TIK NO. R11830200	TIK NO. P11830200	TIK NO.	TIK NO.	
	REFERENCE NO. 9-12111-302-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
C201 4 Cyl.	Ø 83 -3 CD 48.49 TL 92.25	3-2.0 2-5.0	Ø 25 TL 72 R25		TL OD FT FD	TIK NO.
 Surface Treatment 0A	TIK NO. 11830300	TIK NO. R11830300	TIK NO. P11830300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
C201/A 4 Cyl.	Ø 83 -3.2 CD 48.5 TL 95.5	3-2.0 2-5.0	Ø 25 TL 72.5 R25		TL OD FT FD	TIK NO.
 Surface Treatment 0A	TIK NO. 11830400 1183040T	TIK NO. R11830400	TIK NO. P11830400	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
G161Z 4 Cyl.	Ø 82 +0.5 CD 37 TL 80.5	2-2.0 1-4.0	Ø 22 TL 66		TL 165.0 OD 86.0 FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 118201A0	TIK NO. R118201A0	TIK NO. P118201A0	TIK NO.	TIK NO. LNSN118201A0	
	REFERENCE NO. 8-94200-645-0 8-94211-129-0	REFERENCE NO. 12121-099 12121-133 12121-141 8-94206-294-0		REFERENCE NO.	REFERENCE NO.	
G161ZA 4 Cyl.	Ø 82 +0.5 CD 37 TL 80.5	2-1.5 1-4.0	Ø 22 TL 66		TL 165.0 OD 86.0 FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 118201C0	TIK NO. R118201C0	TIK NO. P118201C0	TIK NO.	TIK NO. LNSN118201A0	
	REFERENCE NO. 8-94244-402-0	REFERENCE NO. 8-94130-293-0 8-94244-403-0 8-94313-198-0 8-94313-199-0		REFERENCE NO.	REFERENCE NO.	

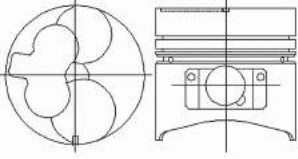
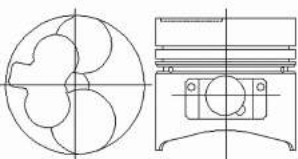


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4ZA1 4 Cyl. 	Ø 82 +2.5	2-1.5	Ø 22 TL 66		TL 165.0 OD 86.0 FT FD	TIK NO.
	CD 37 TL 80.5	1-4.0				
	TIK NO. 11820200	TIK NO. R118201C0	TIK NO. P11820200	TIK NO.	TIK NO. LNSN118201A0	
	REFERENCE NO. 8-94232-085-0 8-94452-742-1	REFERENCE NO. 8-94130-293-0 8-94244-403-0 8-94313-198-0 8-94313-199-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
G161 4 Cyl. 	Ø 82 -2.6	2-2.0	Ø 22 TL 68 SP25		TL 165.0 OD 86.0 FT FD	TIK NO.
	CD 37 TL 80	1-4.0				
	TIK NO. 11820300	TIK NO. R118201A0	TIK NO. P11820300	TIK NO.	TIK NO. LNSN118201A0	
	REFERENCE NO. 9-12111-670-0 8-94218-784-0 9-12111-784-0	REFERENCE NO. 12121-099 12121-133 12121-141 8-94206-294-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
G161ZB 4 Cyl. 	Ø 82 +0.8	2-1.5	Ø 22 TL 66		TL 165.0 OD 86.0 FT FD	TIK NO.
	CD 37 TL 80.8	1-4.0				
	TIK NO. 11820400	TIK NO. R118201C0	TIK NO. P11820400	TIK NO.	TIK NO. LNSN118201A0	
	REFERENCE NO. 8-94244-402-0	REFERENCE NO. 8-94130-293-0 8-94244-403-0 8-94313-198-0 8-94313-199-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4EE1T 4 Cyl. 	Ø 79 -1.3	1-2.0 1-1.5 1-3.0	Ø 27 TL 64 SP30		TL 144.0 OD 83.0 FT 2.0 FD 87.0	TIK NO. LKSF11790100 LKSF1179010T
	CD 39.7 TL 69.7					
	TIK NO. 11790100 1179010T	TIK NO. R11790100	TIK NO. P11790100	TIK NO. B11790100	TIK NO. LNSF11790100	
	REFERENCE NO. 8-97043-772-0 8-97043-772-2 8-97043-773-0	REFERENCE NO. 8-94381-709-0 8-94381-709-1		REFERENCE NO. 8-94369-904-0	REFERENCE NO.	
Surface Treatment 0A						
4EE1 4 Cyl. 	Ø 79 -1.3	1-2.0 1-1.5 1-3.0	Ø 25 TL 60 SP28		TL 144.0 OD 83.0 FT 2.0 FD 87.0	TIK NO. LKSF11790200 LKSF1179020T
	CD 39.75 TL 79.75					
	TIK NO. 11790200 1179020T	TIK NO. R11790100	TIK NO. P11790200	TIK NO. B11760200	TIK NO. LNSF11790100	
	REFERENCE NO. 8-97129-437-0 8-97129-437-1 8-97129-437-2	REFERENCE NO. 8-94381-709-0 8-94381-709-1		REFERENCE NO. 8-94114-054-0	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4EE1/A 4 Cyl.	Ø 79 -1.8	1-2.0 1-1.5 1-3.0R	Ø 27 TL 64 SP29C		TL 144.0 OD 83.0 FT 2.0 FD 87.0	TIK NO. LKSN11790300 LKSN1179030T
	CD 39.8 TL 69.6					
	TIK NO. 11790300 1179030T	TIK NO. R11790100	TIK NO. P11790300	TIK NO. B11760200	TIK NO. LNSN11790300	
	REFERENCE NO. 8-97142-379-0	REFERENCE NO. 8-94381-709-0 8-94381-709-1		REFERENCE NO. 8-94114-054-0	REFERENCE NO.	
Surface Treatment 0A						
3LB1 4 Cyl.	Ø 77.4 -2	1-2.0 1-1.5 1-3.5	Ø 21 TL 60 SP24C		TL OD FT FD	TIK NO.
	CD 35.5 TL 70					
	TIK NO. 11774100 1177410T	TIK NO. R11774100	TIK NO. P11774100	TIK NO.	TIK NO.	
	REFERENCE NO. 8-97176-888-0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4XC1 4 Cyl.	Ø 77 +0.5	1-1.5 1-2.8	Ø 18 TL 65		TL OD FT FD	TIK NO.
	CD 28.5 TL 59					
	TIK NO. 11770100	TIK NO. R11770100	TIK NO. P11770100	TIK NO.	TIK NO. LNSN11770100	
	REFERENCE NO. 8-94141-426-0	REFERENCE NO. 8-94141-947-0		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4XC1T 4 Cyl.	Ø 77	1-2.5 1-2.8	Ø 18 TL 65		TL OD FT FD	TIK NO.
	CD 28.5 TL 59					
	TIK NO. 11770200	TIK NO. R11770200	TIK NO. P11770200	TIK NO.	TIK NO.	
	REFERENCE NO. 8-94141-426	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4FE1 4 Cyl.	Ø 76.3 -2.3	1-2.0 1-2.0 1-4.0	Ø 25 TL 63 SP28		TL OD FT FD	TIK NO. LKSF11763100 LKSF1176310T
	CD 45 TL 80					
	TIK NO. 11763100 1176310T	TIK NO. R11763100	TIK NO. P11763100	TIK NO. B11760200	TIK NO. LNSF11763100	
	REFERENCE NO. 8-94619-747-1 8-94619-747-0	REFERENCE NO. 8-94169-748-0 8-94169-753-0 8-94459-462-0 8-94463-221-0		REFERENCE NO. 5-12251-007-0 8-94114-054-0	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4EC1 4 Cyl.  Surface Treatment 0A	Ø 76 -1.6 CD 42 TL 71.7	1-2.0 1-1.5 1-3.0	Ø 22 TL 60 R22		TL 145.0 OD 80.0 FT 5.0 FD 84.0	TIK NO. LKSF11760100 LKSF1176010T
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	11760100 1176010T	R11760100	P11760100	B11760100	LNSF11760100	
	REFERENCE NO. 8-94129-828-0 8-94219-828-8	REFERENCE NO. 8-94144-187-0 8-94332-767-1 8-94342-490-0		REFERENCE NO. 8-94251-216-1	REFERENCE NO.	
4EC1T 4 Cyl.  Surface Treatment 0A	Ø 76 -1.6 CD 42 TL 71.7	1-2.0 1-1.5 1-3.0	Ø 25 TL 60 R25		TL 145.0 OD 80.0 FT 5.0 FD	TIK NO. LKSF11760200 LKSF1176020T
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	11760200 1176020T	R11760100	P11760200	B11760200	LNSF11760100	
	REFERENCE NO. 8-94149-276-4	REFERENCE NO. 8-94144-187-0 8-94332-767-1 8-94342-490-0		REFERENCE NO. 5-12251-007-0 8-94114-054-0	REFERENCE NO.	

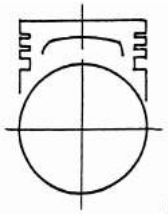
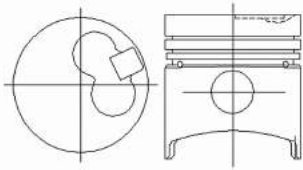
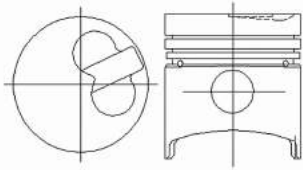
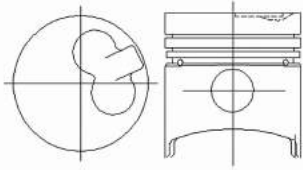
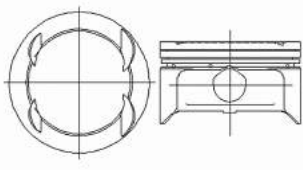


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
SH K3600 NEW 4 Cyl.	∅ 100 -20	2-2.0	∅ 34 TL 82 R34		TL OD FT FD	TIK NO. LKFF2K100100 LKFF2K10010L LKFF2K10010T LKFF2K10010H
	CD 56.1 TL 102	1-3.0				
	TIK NO. 2K100100 2K10010L 2K10010T 2K10010H	TIK NO. R2K100100	TIK NO. P2K100100	TIK NO. B2K100100	TIK NO. LNFF2K100100	
	REFERENCE NO. OK4Y2-11-SAO K47A-11-102 OK4Y2-11-SCO K4Y2-11-SAO	REFERENCE NO. K4Y1-11-SCO OK4Y1-11-SCO		REFERENCE NO. OK410-11-213	REFERENCE NO. OK410-10-311B SL01-23-051	
Surface Treatment ON						
K3500 4 Cyl.	∅ 100 -17.8	1-2.5 1-2.0 1-4.5	∅ 34 TL 82 R34		TL OD FT FD	TIK NO. LKFF2K100200 LKFF2K10020T
	CD 58 TL 105					
	TIK NO. 2K100200 2K10020T	TIK NO. R2K100200	TIK NO. P2K100200	TIK NO. B2K100100	TIK NO. LNFF2K100100	
	REFERENCE NO. K4YO-11-SAO	REFERENCE NO. K4YO-11-SCO		REFERENCE NO. OK410-11-213	REFERENCE NO. OK410-10-311B SL01-23-051	
Surface Treatment 00						
SH K3600 4 Cyl.	∅ 100 -19.3	2-2.0 1-3.0	∅ 34 TL 82 R34		TL OD FT FD	TIK NO. LKFF2K100300 LKFF 2K10030L LKFF 2K10030T LKFF 2K10030H
	CD 56 TL 102					
	TIK NO. 2K100300 2K10030L 2K10030T 2K10030H	TIK NO. R2K100100	TIK NO. P2K100300	TIK NO. B2K100100	TIK NO. LNFF2K100100	
	REFERENCE NO. OK4Y1-11-SAO K4Y1-11-SAO	REFERENCE NO. K4Y1-11-SCO OK4Y1-11-SCO		REFERENCE NO. OK410-11-213	REFERENCE NO. OK410-10-311B SL01-23-051	
Surface Treatment 00						
JT BESTA 3.0 4 Cyl.	∅ 98 -5.6	2-2.0 1-3.0	∅ 30 TL 79 R30		TL OD FT FD	TIK NO. LKPF2K980010 LKPF 2K98001L LKPF 2K98001T LKPF 2K98001H
	CD 45.5 TL 76.1					
	TIK NO. 2K980010 2K98001L 2K98001T 2K98001H	TIK NO. R2K980010	TIK NO. P2K980010	TIK NO. B2K940100	TIK NO. LNPF2K980010	
	REFERENCE NO. OK7Z1-11-SAO K7Z1-11-SAO	REFERENCE NO. K7Z1-11-SCO OK7Z1-11-SCO		REFERENCE NO. OSE01-11-213	REFERENCE NO. K75A-10-311 OK75A-10-311 OK75A-10-311B OK75B-10-311	
Surface Treatment 0J						
SORENTO 3.8 6 Cyl.	∅ 96 -2.1	2-1.2 1-2.0	∅ 23 TL 63		TL OD FT FD	TIK NO.
	CD 29.1 TL 52					
	TIK NO. 2K960100	TIK NO. R2K960100	TIK NO. P2K960100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment ON						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
K2700 4 Cyl.	Ø 94.52 -3.6	2-2.0	Ø 30 TL 76 R30		TL OD FT FD	TIK NO. LKPF2K940100 LKPF 2K94010T
	CD 50 TL 84.6	1-3.0				
	TIK NO. 2K940100 2K94010T	TIK NO. R2K940100	TIK NO. P2K940100	TIK NO. B2K940100	TIK NO. LNPF2K940100	
	REFERENCE NO. K6Z1-11-SAO	REFERENCE NO. K6Z1-11-SCO K6Z1-46-SCO OK6Z1-11-SCO		REFERENCE NO. OSE01-11-213	REFERENCE NO. K65A-10-311 OK65A-10-311 OK65B-10-311	
Surface Treatment ON						
J2/JS K2700 4 Cyl.	Ø 94.5 -3.5	2-2.0	Ø 30 TL 76 R30		TL OD FT FD	TIK NO. LKPF2K940200 LKPF2K94020T
	CD 50 TL 81.7	1-3.0				
	TIK NO. 2K940200 2K94020T	TIK NO. R2K940100	TIK NO. P2K940200	TIK NO. B2K940100	TIK NO. LNPF2K940100	
	REFERENCE NO. OK6Z1-11-SAO K6Z1-11-SAO	REFERENCE NO. K6Z1-11-SCO K6Z1-46-SCO OK6Z1-11-SCO		REFERENCE NO. OSE01-11-213	REFERENCE NO. K65A-10-311 OK65A-10-311 OK65B-10-311	
Surface Treatment OJ						
BESTA 4 Cyl.	Ø 93 -2.5	2-2.0	Ø 30 TL 76 R30		TL OD FT FD	TIK NO. LKPF2K930100 LKPF2K93010L LKPF2K93010T LKPF2K93010H
	CD 48.3 TL 85.2	1-3.0				
	TIK NO. 2K930100 2K93010L 2K93010T 2K93010H	TIK NO. R2K930100	TIK NO. P2K930100	TIK NO. B2K930100	TIK NO. LNPF2K930100	
	REFERENCE NO. OVNY1-11-SAO VNY1-11-SAO	REFERENCE NO. OVNY1-11-SCO VNY1-11-SCO		REFERENCE NO. OVNY1-11-213	REFERENCE NO. OVN01-10-311 VN01-10-311	
Surface Treatment OA						
G6CV 6 Cyl.	Ø 93 -2.5	2-1.5	Ø 22 TL 64 R22		TL 195.0 OD 97.0 FT FD	TIK NO.
	CD 31.2 TL 54.2	1-3.0				
	TIK NO. 2K930300	TIK NO. R2H930100	TIK NO. P2K930300	TIK NO.	TIK NO. LNSN2H930100	
	REFERENCE NO. 23400-39810 23400-39810 23400-39981 23400-39812	REFERENCE NO. 23040-39500 23040-39800 23040-39951 23040-39952		REFERENCE NO.	REFERENCE NO.	
Surface Treatment OA						
SF K2400 4 Cyl.	Ø 92 -4.4	2-2.4	Ø 28 TL 75 R28		TL OD FT FD	TIK NO. LKFF2K920100 LKFF2K92010T
	CD 50.7 TL 94.5	1-4.0				
	TIK NO. 2K920100 2K92010T	TIK NO. R2K920100	TIK NO. P2K920100	TIK NO. B2K920100	TIK NO. LNFF2K920100	
	REFERENCE NO. K7Z0-11-SAO K768-11-102 OK7Z0-11-SAO OK7Z0-11-SBX	REFERENCE NO. K756-23-206 K7Z0-11-SCO OK7Z0-11-SCO OK7Z0-11-SCD		REFERENCE NO.	REFERENCE NO. 1456-10-311 1456-10-311B K456-10-311 K756-10-311	
Surface Treatment OA						

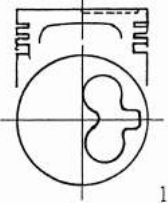
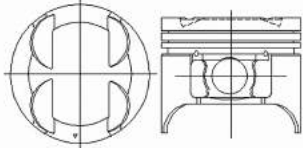
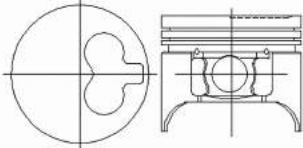
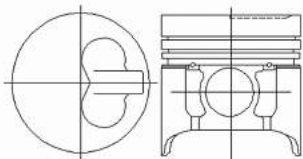
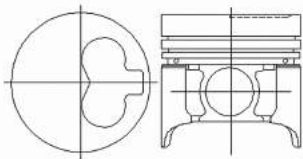


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
E4100/A 6 Cyl.	Ø 92 CD 60.5 TL 116	3-2.38 2-4.76	Ø 31.75 TL 75		TL OD FT FD	TIK NO. LKFF2K920200
 01 Surface Treatment	TIK NO. 2K920200	TIK NO. R1K920100	TIK NO. P2K920200	TIK NO. B1K889200	TIK NO. LNFF1K920100	
	REFERENCE NO. 0528-23-200	REFERENCE NO. 0784-23-206 0785-23-206		REFERENCE NO. 0636-11-213	REFERENCE NO. 0528-10-311 V101-23-051	
SS K2700 4 Cyl.	Ø 92 -5.5 CD 60.425 TL 103.5	1-3.0DK 1-2.38 1-4.0	Ø 31.75 TL 75 R32		TL OD FT FD	TIK NO. LKFF1K920300 LKFF2K92030T
 Surface Treatment 0A	TIK NO. 2K920300 2K92030T	TIK NO. R2A825300	TIK NO. P2K920300	TIK NO. B1K920300	TIK NO. LNFF1K920300	
	REFERENCE NO. K4Z0-11-SAO K480-11-102	REFERENCE NO. K4Z0-11-SCO K480-23-206		REFERENCE NO.	REFERENCE NO. K800-10-311A	
K2400/A 4 Cyl.	Ø 92 -4.5 CD 50.6 TL 94.6	2-2.38 1-4.0	Ø 28 TL 75 R28		TL OD FT FD	TIK NO.
 Surface Treatment 0A	TIK NO. 2K920400 2K92040T	TIK NO. R2K920400	TIK NO. P2K920400	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
ASIA 2.7 4 Cyl.	Ø 92 -3 CD 60.225 TL 103.3	1-3.0DK 1-2.4 1-4.0	Ø 31.75 TL 75 R32		TL OD FT FD	TIK NO.
 Surface Treatment 0A	TIK NO. 2K920500 2K92050T	TIK NO. R2K920500	TIK NO. P2K920500	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
SORENTO 3.3 6 Cyl.	Ø 92 -0.6 CD 30.7 TL 51.8	2-1.2 1-2.0	Ø 23.01 TL 65		TL OD FT FD	TIK NO.
 Surface Treatment 0N	TIK NO. 2K920600	TIK NO. R2K920600	TIK NO. P2K920600	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
D4CB 4 Cyl.	Ø 91 -15	1-2.5K 1-2.0 1-3.0	Ø 33 TL 75B1 SP36		TL 170.5 OD 94.15 FT 2.0 FD 98.15	TIK NO. LKSN2K910100 LKSN2K91010L LKSN2K91010T LKSN2K91010H
	CD 54.2 TL 83.7					
	TIK NO. 2K910100 2K91010L 2K91010T 2K91010H	TIK NO. R2K910100	TIK NO. P2K910100	TIK NO. B2K910100	TIK NO. LNSN2K910100	
	REFERENCE NO. 23410-4A900 23410-4A901 23410-4A902 23410-4A910	REFERENCE NO. 23040-4A900 23040-4A901 23040-4A902 23040-4A910		REFERENCE NO.	REFERENCE NO. 21131-4A000	
Surface Treatment ON						
E2500 4 Cyl.	Ø 88.9 -1.8	2-2.38 1-4.76	Ø 28 TL 73		TL OD FT FD	TIK NO. LKFF1K889100 LKFF 2K88910T
	CD 60.3 TL 103.3					
	TIK NO. 2K889100 2K88910T	TIK NO. R1K889100	TIK NO. P2K889100	TIK NO. B1K889100	TIK NO. LNFF1K889100	
	REFERENCE NO. S501-23-200	REFERENCE NO. 1456-23-206		REFERENCE NO. S501-11-213	REFERENCE NO. 0636-10-311 S501-23-051	
Surface Treatment 95						
BONGO 2.2 4Cyl.	Ø 88.9 -1.7	2-2.38 1-4.75	Ø 28 TL 73 R28		TL OD FT FD	TIK NO.
	CD 50.7 TL 94.7					
	TIK NO. 2K889200 2K88920T	TIK NO. R2K889200	TIK NO. P2K889200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
OPTIMA 2.4 4Cyl.	Ø 88 -1.7	2-1.2 1-2.0	Ø 21.01 TL 60		TL OD FT FD	TIK NO.
	CD 27.5 TL 51.5					
	TIK NO. 2K880100	TIK NO. R2H880200	TIK NO. P2K880100	TIK NO.	TIK NO. LNSN2H880200	
	REFERENCE NO. 23410-25210 23410-25211	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment ON						
R2 RF 4 Cyl.	Ø 86 -1.6	2-2.0 1-4.0	Ø 25 TL 67		TL OD FT FD	TIK NO.
	CD 47.5 TL 86.3					
	TIK NO. 2K860200 2K86020T	TIK NO. R2K860200	TIK NO. P2K860200	TIK NO.	TIK NO.	
	REFERENCE NO. 0K7Y0-11-SAO 0K7Y0-11-SBX 0K7Y0-11-SBZ	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
R2 4 Cyl.	∅ 86 -1.6 CD 47.5 TL 86.3	2-2.0 1-3.0	∅ 25.0 TL 68.0		TL 163.0 OD 89.0 FT 2.8 FD 94.0	TIK NO. LKFF1K860700 LKFF2K86070L LKFF2K86070T LKFF2K86070H
 145 Surface Treatment	TIK NO. 2K860700 2K86070L 2K86070T 2K86070H REFERENCE NO. R2Y0-11-SAO OK7Y1-11-SAO	TIK NO. R1K860700 REFERENCE NO. R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA RFY5-11-SDOA	TIK NO. P2K860700	TIK NO.	TIK NO. LNFF1K860700 REFERENCE NO. R2B6-10-311 R2B6-10-313	
FS FS/A 4 Cyl.	∅ 86 -5.5 CD 36 TL 71	2-1.5 1-4.0	∅ 22 TL 71.5 SP25		TL OD FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 2K860800 REFERENCE NO. OK9Y2-11-SAO	TIK NO. R2K860800 REFERENCE NO.	TIK NO. P2K860800	TIK NO.	TIK NO. REFERENCE NO.	
BESTA 2.2 4 Cyl.	∅ 86 -1.8 CD 47.2 TL 86.3	1-2.0K 1-2.0 1-4.0	∅ 25 TL 68 R25		TL OD FT FD	TIK NO. LKFF2K860900 LKFF2K86090T
 Surface Treatment 0A	TIK NO. 2K860900 2K86090T REFERENCE NO. OK7Y0-11-SAO OK7Y-11-SAO	TIK NO. R2K860200 REFERENCE NO. R201-23-130	TIK NO. P2K860900	TIK NO. B2K860200	TIK NO. LNFF2K860200 REFERENCE NO.	
RE/RT 4 Cyl.	∅ 86 -3.2 CD 47.3 TL 86.3	2-2.0 1-3.0	∅ 30 TL 68 SP33		TL OD FT FD	TIK NO.
 Surface Treatment 0J	TIK NO. 2K861100 2K86110L 2K86110T 2K86110H REFERENCE NO. OK0Y1-11-SAO OK0Y1-11-SAX	TIK NO. R2K861100 REFERENCE NO.	TIK NO. P2K861100	TIK NO.	TIK NO. REFERENCE NO.	
BESTA 2.2/A 4 Cyl.	∅ 86 -1.5 CD 47.2 TL 86.2	2-2.0 1-4.0	∅ 25 TL 68 R25		TL OD FT FD	TIK NO.
 Surface Treatment 0A	TIK NO. 2K861200 2K86120T REFERENCE NO.	TIK NO. R2K861200 REFERENCE NO.	TIK NO. P2K861200	TIK NO.	TIK NO. REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
G6BV OPTIMA 6 Cyl.	Ø 84	2-1.2	Ø 21.01		TL	TIK NO.
	CD 30.5	1-2.5	TL 60		OD	
	TL 52.5				FT	
					FD	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2K840100	R2K840100	P2K840100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	23410-37210					
Surface Treatment						
0A						
T8 4 Cyl.	Ø 81	2-1.5	Ø 19.98		TL	TIK NO.
	-3.8	1-3.0	TL 58.5		OD	
	CD 30.31		SP23		FT	
	TL 50.5				FD	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2K810100	R2K810100	P2K810100		LNSN2K810100	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	OK2Y4-11-SA0 OK2Y4-11-SBX OK2Y4-11-SBO	K2Y3-11-SDX OK2Y3-11-SCO OK2Y3-11-SDX OK2Y3-11-SDO				
Surface Treatment						
0J						
KRV6 6 Cyl.	Ø 80	1-1.2	Ø 18		TL	TIK NO.
	-1.4	1-1.5	TL 52.4		OD	
	CD 27.3	1-2.5			FT	
	TL 50.3				FD	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2K800100	R2K800100	P2K800100		LNFF2K800100	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	OK9YV-11-SAO K9YV-11-SAO OK9YV-11-SAOC	K9YV-11-SCO OK9YV-11-SCO OK9YV-11-SE2			OK9BV-10-311A 21134-3Y210C 21134-3Y210D 21134-3Y210E	
Surface Treatment						
0A						
B6E 4 Cyl.	Ø 78	2-1.5	Ø 19.98		TL	TIK NO.
	-4.5	1-4.0	TL 61		OD	
	CD 31.8				FT	
	TL 63				FD	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2K780100	R2K780100	P2K780100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
		K9Y1-11-SCO				
Surface Treatment						
00						
B6D 4 Cyl.	Ø 78	2-1.5	Ø 19.98		TL	TIK NO.
	-3.6	1-3.0	TL 61		OD	
	CD 31.4				FT	
	TL 62.4				FD	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2K780200	R2K780200	P2K780200		LNSN2K780200	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	K2Y0-11-SAO	K2Y2-11-SCO K2YA-11-SCO OK2Y2-11-SCO OK2Y2-11-SDO				
Surface Treatment						
00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EGP010 4 Cyl.	Ø 78 -1.9	2-1.2	Ø 19.985 TL 53C1		TL OD FT FD	TIK NO.
	CD 28.25 TL 48.3	1-2.5				
	TIK NO. 2K780300	TIK NO. R2K780300	TIK NO. P2K780300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
B6E/A 4 Cyl.	Ø 78 -4.7	2-1.5	Ø 19.98 TL 69		TL OD FT FD	TIK NO.
	CD 31.30 TL 63	1-4.0				
	TIK NO. 2K780400	TIK NO. R2K780400	TIK NO. P2K780400	TIK NO.	TIK NO.	
	REFERENCE NO. K2Y1-11-SA0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
SEPHIA 16V 4 Cyl.	Ø 78 -3.5	2-1.5	Ø 20 TL 64		TL OD FT FD	TIK NO.
	CD 31.4 TL 62.5	1-3.0				
	TIK NO. 2K780500	TIK NO. R2K780500	TIK NO. P2K780500	TIK NO.	TIK NO.	
	REFERENCE NO. OK2Y0-11-SA0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
A1503 4 Cyl.	Ø 78 -1.7	2-1.2	Ø 19.985 TL 53		TL OD FT FD	TIK NO.
	CD 28.31 TL 48.3	1-2.5				
	TIK NO. 2K780600	TIK NO. R2K780600	TIK NO. P2K780600	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
A3E 4 Cyl.	Ø 75.5 -1.7	2-1.2	Ø 19.98 TL 53		TL OD FT FD	TIK NO.
	CD 32.51 TL 52.6	1-2.5				
	TIK NO. 2K755100	TIK NO. R2K755100	TIK NO. P2K755100	TIK NO.	TIK NO. LNSN2K755100	
	REFERENCE NO. OK3Y0-11-SAO OK3Y0-11-5A0 OK3Y-11-5A0 OK3Y0-11-SB0	REFERENCE NO. K3Y0-11-SCO OK3Y0-11-SCO OK3Y0-11-SDO OK3Y0-11-SDX		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					

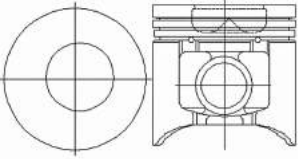
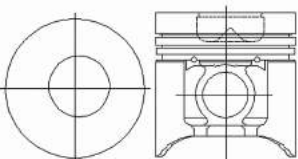
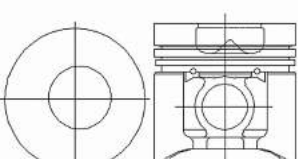
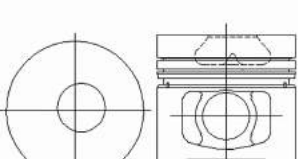
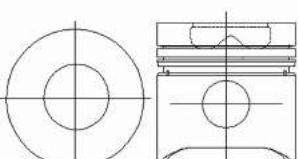


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
A5D A5E DC	∅ 75.5 -2.3 CD 28.31 TL 51.3	2-1.2 1-2.5	∅ 19.98 TL 53		TL OD FT FD	TIK NO.
	TIK NO. 2K755200	TIK NO. R2K755100	TIK NO. P2K755200	TIK NO.	TIK NO. LNSN2K755200	
Surface Treatment 00	REFERENCE NO. OK3Y2-11-SAO OK3Y2-11-SBO OK3Y2-11-SBX	REFERENCE NO. K3Y0-11-SCO OK3Y0-11-SCO OK3Y0-11-SDO OK3Y0-11-SDX		REFERENCE NO.	REFERENCE NO.	
B2	∅ 71 -3.5 CD 28.8 TL 60	1-1.2 1-1.5 1-3.0	∅ 20 TL 55		TL OD FT FD	TIK NO.
	TIK NO. 2K710100	TIK NO. R2K710100	TIK NO. P2K710100	TIK NO.	TIK NO. LNSN2K710100	
Surface Treatment 00	REFERENCE NO. OKKY1-11-SAO KK1Y0-11-SAO KK1Y0-11-SBO KK1Y0-11-SBX	REFERENCE NO. K1Y0-11-SCO K1Y1-11-SCO K1YH-11-SCO KK1Y1-11-SCO		REFERENCE NO.	REFERENCE NO.	
PRIDE 1.3/A	∅ 71 -4.6 CD 28.7 TL 60	1-1.2 1-1.5 1-3.0	∅ 19.99 TL 52		TL OD FT FD	TIK NO.
	TIK NO. 2K710300	TIK NO. R2K710300	TIK NO. P2K710300	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. MB3Y8-11-103	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4EA/A	∅ 71 CD 28.7 TL 60	1-1.2 1-1.5 1-3.0	∅ 19.99 TL 52		TL OD FT FD	TIK NO.
	TIK NO. 2K710400	TIK NO. R2K710400	TIK NO. P2K710400	TIK NO.	TIK NO.	
Surface Treatment 137	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
JADE	∅ 70 -1.4 CD 30 TL 69.5	1-1.2 1-1.5 1-2.8	∅ 18 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 2K700100	TIK NO. R2K700100	TIK NO. P2K700100	TIK NO.	TIK NO.	
Surface Treatment 0F	REFERENCE NO. AA100-11-101A AA100-11-SAO	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



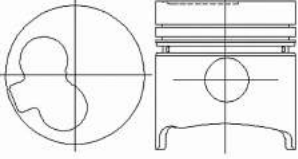
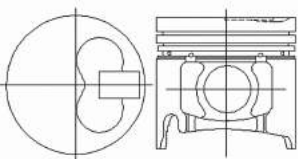

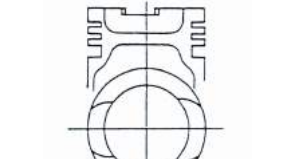
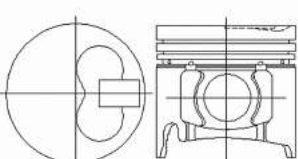
ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
KIA B1	∅ 68	1-1.5	∅ 19.99		TL	TIK NO.
4 Cyl.	-4.5	1-2.0	TL 56		OD	
	CD 31.895	1-3.0			FT	
	TL 63.6				FD	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	2K680100	R2K680100	P2K680100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	KK135-51-060					
Surface Treatment						
0A						



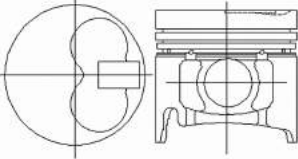
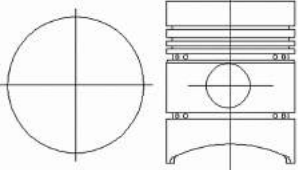
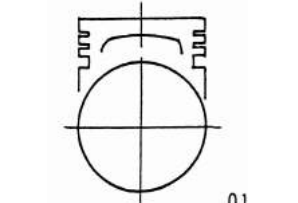
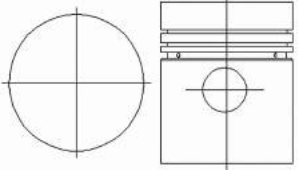
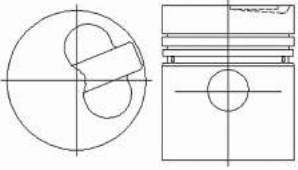
ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
TM 4 Cyl.  Surface Treatment 0A	\emptyset 109 -20.9 CD 61.4 TL 107.4	1-3.0K 1-2.0 1-3.0	\emptyset 35 TL 79 R35		TL OD FT FD	TIK NO. LKPF1K109010 LKPF1K10901L LKPF1K10901T LKPF1K10901H
	TIK NO. 1K109010 1K10901L 1K10901T 1K10901H	TIK NO. R1K109010	TIK NO. P1K109010	TIK NO. B1K105100	TIK NO. LNPF1K109010	
	REFERENCE NO. TMYO-11-200	REFERENCE NO. TMYO-11-SCO		REFERENCE NO. TF01-11-213	REFERENCE NO. TMYO-10-311 TMYO-10-313	
TF 4 Cyl.  Surface Treatment 0A	\emptyset 105.505 -22 CD 61.4 TL 108.3	1-2.5K 1-2.0 1-4.5	\emptyset 35 TL 87		TL OD FT FD	TIK NO. LKPF1K105100 LKPF1K10510T
	TIK NO. 1K105100 1K10510T	TIK NO. R1K105100	TIK NO. P1K105100	TIK NO. B1K105100	TIK NO. LNPF1K105100	
	REFERENCE NO. TF01-11-SAO	REFERENCE NO. TF01-11-SCO		REFERENCE NO. TF01-11-213	REFERENCE NO. TFY0-10-311 TFY0-10-311A TFY0-10-311B TFY0-10-313	
T4000 4 Cyl.  Surface Treatment 0A	\emptyset 105.505 -22 CD 61.4 TL 108.3	1-2.5K 1-2.0 1-4.5	\emptyset 35 TL 87 R35		TL OD FT FD	TIK NO. LKPF1K105200 LKPF1K10520L LKPF1K10520T LKPF1K10520H
	TIK NO. 1K105200 1K10520L 1K10520T 1K10520H	TIK NO. R1K105100	TIK NO. P1K105200	TIK NO. B1K105100	TIK NO. LNPF1K105100	
	REFERENCE NO. TF20-11-SAO TF01-11-SAO	REFERENCE NO. TF01-11-SCO		REFERENCE NO. TF01-11-213	REFERENCE NO. TFY0-10-311 TFY0-10-311A TFY0-10-311B TFY0-10-313	
T3500 4 Cyl.  Surface Treatment 0F	\emptyset 100 -21.5 CD 58 TL 105	1-2.5 1-2.0 1-4.5	\emptyset 34 TL 82 R34		TL OD FT FD	TIK NO. LKPF1K100300 LKPF1K10030L LKPF1K10030T LKPF1K10030H
	TIK NO. 1K100300 1K10030L 1K10030T 1K10030H	TIK NO. R1K100300	TIK NO. P1K100300	TIK NO. B1K100200	TIK NO. LNPF1K100300	
	REFERENCE NO. SL07-23-200 SL07-23-200A	REFERENCE NO. SL07-23-206 SL07-23-206A		REFERENCE NO. SL01-11-213	REFERENCE NO. SL01-23-311 SL01-23-312 SL07-23-051	
SL50 4 Cyl.  Surface Treatment 00	\emptyset 100 -18.5 CD 58 TL 105	1-2.5 1-2.0 1-4.5	\emptyset 34 TL 82 R34		TL OD FT FD	TIK NO. LKPF1K100400 LKPF1K10040L LKPF1K10040T LKPF1K10040H
	TIK NO. 1K100400 1K10040L 1K10040T 1K10040H	TIK NO. R1K100400	TIK NO. P1K100400	TIK NO. B1K100200	TIK NO. LNPF1K100300	
	REFERENCE NO. SL50-11-SAO	REFERENCE NO. SL50-11-SCO		REFERENCE NO. SL01-11-213	REFERENCE NO. SL01-23-311 SL01-23-312 SL07-23-051	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
SL 4 Cyl.	∅ 100 -18.3 CD 57.7 TL 104.5	1-2.5K 1-2.0 1-4.5	∅ 34 TL 82 R34		TL OD FT FD	TIK NO.
	TIK NO. 1K100500 1K10050T	TIK NO. R1K100500	TIK NO. P1K100500	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
SWORAJ 4 Cyl.	∅ 100 -24 CD 58.1 TL 105.1	1-3.0K 1-2.0 1-3.0	∅ 34 TL 82 R34		TL OD FT FD	TIK NO.
	TIK NO. 1K100600 1K10060T	TIK NO. R1K100600	TIK NO. P1K100600	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. LP50-23-200	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
T3500A 4 Cyl.	∅ 100 -21.5 CD 58 TL 105	1-2.5K 1-2.0 1-4.5	∅ 34 TL 82 R34		TL OD FT FD	TIK NO. LKPF1K100200 LKPF1K10020L LKPF1K10020T LKPF1K10020H
	TIK NO. 1K100200 1K10020L 1K10020T 1K10020H	TIK NO. R1K100200	TIK NO. P1K100200	TIK NO. B1K100200	TIK NO. LNPF1K100200	
Surface Treatment 0F	REFERENCE NO. SL01-23-200A	REFERENCE NO. SL01-23-206 SL01-23-206A	REFERENCE NO.	REFERENCE NO. SL01-11-213	REFERENCE NO. SL01-23-311 SL01-23-312 SL07-23-051	
2900 4 Cyl.	∅ 98 -2.7 CD 48.3 TL 90.3	1-2.5 1-2.0 1-3.0	∅ 30 TL 79 R30		TL OD FT FD	TIK NO.
	TIK NO. 1K980100 1K98010L 1K98010T 1K98010H	TIK NO. R1K980100	TIK NO. P1K980100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
E3000 4 Cyl.	∅ 95 CD 58.3 TL 115.3	2-2.38 1-4.76	∅ 31.75 TL 75 R32		TL OD FT FD	TIK NO. LKFF1K950100 LKFF1K95010T
	TIK NO. 1K950100 1K95010T	TIK NO. R1K950100	TIK NO. P1K950100	TIK NO. B1K889200	TIK NO. LNFF1K950100	
Surface Treatment 0A	REFERENCE NO. 1363-23-200	REFERENCE NO. 1363-23-206 SE01-23-130 SE01-23-206	REFERENCE NO.	REFERENCE NO. 0636-11-213	REFERENCE NO. 1363-23-051 1363-23-051A SE01-23-051	

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
T3000 4 Cyl.	Ø 95 -2 CD 53.5 TL 100.5	2-2.38 1-4.76	Ø 30 TL 79 R30		TL OD FT FD	TIK NO. LKFF1K950200 LKFF1K95020T
	TIK NO. 1K950200 1K95020T	TIK NO. R1K950100	TIK NO. P1K950200	TIK NO. B1K950200	TIK NO. LNFF1K950100	
Surface Treatment 0A	REFERENCE NO. SE01-23-200A SE01-23-200	REFERENCE NO. 1363-23-206 SE01-23-130 SE01-23-206		REFERENCE NO. SE01-11-213	REFERENCE NO. 1363-23-051 1363-23-051A SE01-23-051	
WL-NEW 4 Cyl.	Ø 95 -3 CD 47.8 TL 87.3	1-2.5 1-2.0 1-3.0	Ø 32 TL 70 R32		TL OD FT FD	TIK NO. LKFF1K950300 LKFF1K95030L LKFF1K95030T LKFF1K95030H
	TIK NO. 1K950300 1K95030L 1K95030T 1K95030H	TIK NO. R1K950300	TIK NO. P1K950300	TIK NO. B1K950300	TIK NO. LNFF1K950100	
Surface Treatment 0A	REFERENCE NO. W9Y1-11-SAO W9Y1-11-SAOB	REFERENCE NO. W9Y1-11-SCO		REFERENCE NO.	REFERENCE NO. 1363-23-051 1363-23-051A SE01-23-051	
K2700 4 Cyl.	Ø 94.5 -2 CD 50 TL 84.6	2-2.0 1-3.0	Ø 30 TL 76 R30		TL OD FT FD	TIK NO. LKPF1K940100 LKPF1K94010T
	TIK NO. 1K940100 1K94010T	TIK NO. R1K940100	TIK NO. P1K940100	TIK NO. B1K940100	TIK NO. LNPF1K940100	
Surface Treatment 0N	REFERENCE NO. K6Z1-11-SAO	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
B3000 4 Cyl.	Ø 93.65 -11.13 CD 46 TL 95	2-2.0 1-4.75	Ø 22 TL 69.5 R22		TL OD FT FD	TIK NO.
	TIK NO. 1K936100	TIK NO. R1K936100	TIK NO. P1K936100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
WL 4 Cyl.	Ø 93 -3 CD 47.8 TL 87.3	1-2.5 1-2.0 1-3.0	Ø 32 TL 70 R32		TL OD FT FD	TIK NO. LKPF1K930100 LKPF1K93010T
	TIK NO. 1K930100 1K93010T	TIK NO. R1K930100	TIK NO. P1K930100	TIK NO. B1K930100	TIK NO. LNPF1K930200	
Surface Treatment 0A	REFERENCE NO. WL01-23-201A WLY3-11-SAOC WLY5-11-SAOB	REFERENCE NO. WLY1-11-SCO		REFERENCE NO. WL01-11-213	REFERENCE NO. WL01-10-311 WL01-23-051 WLY3-23-051	

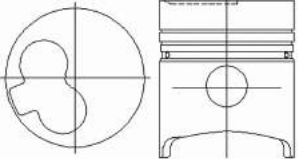
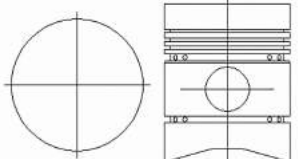
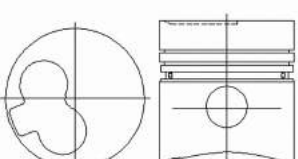
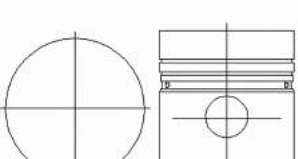
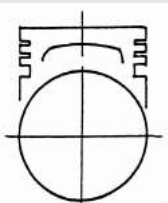


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
WLT 4 Cyl. 	\emptyset 93 -1.8 CD 47.8 TL 87.3	1-2.5 1-2.0 1-3.0	\emptyset 32 TL 70 R32		TL OD FT FD	TIK NO. LKPF1K930200 LKPF1K93020L LKPF1K93020T LKPF1K93020H
	TIK NO. 1K930200 1K93020L 1K93020T 1K93020H	TIK NO. R1K930100	TIK NO. P1K930200	TIK NO. B1K930100	TIK NO. LNPF1K930200	
	REFERENCE NO. WLY1-11-SAOA WLY8-11-SAOB	REFERENCE NO. WLY1-11-SCO		REFERENCE NO. WL01-11-213	REFERENCE NO. WL01-10-311 WL01-23-051 WLY3-23-051	
	Surface Treatment 0A					
E2700 4 Cyl. 	\emptyset 92 CD 60.5 TL 116	3-2.381 2-4.762	\emptyset 31.75 TL 75 R32		TL OD FT FD	TIK NO. LKFF1K920100 LKFF1K92010T
	TIK NO. 1K920100 1K92010T	TIK NO. R1K920100	TIK NO. P1K920100	TIK NO. B1K889200	TIK NO. LNFF1K920100	
	REFERENCE NO. 0528-23-200	REFERENCE NO. 0527-23-206 0528-23-206		REFERENCE NO. 0636-11-213	REFERENCE NO. 0528-10-311 0527-23-051 0552-10-311	
	Surface Treatment 0A					
E4100 6 Cyl. 	\emptyset 92 CD 60.5 TL 116	3-2.38 2-4.76	\emptyset 31.75 TL 75 R32		TL OD FT FD	TIK NO. LKFF1K920200 LKFF1K92020T
	TIK NO. 1K920200 1K92020T	TIK NO. R1K920200	TIK NO. P1K920200	TIK NO. B1K889200	TIK NO. LNFF1K920100	
	REFERENCE NO. 0528-23-200	REFERENCE NO. 0784-23-206 0785-23-206		REFERENCE NO. 0636-11-213	REFERENCE NO. 0528-10-311 V101-23-051	
	Surface Treatment 0A					
T4100 6 Cyl. 	\emptyset 92 CD 60.3 TL 103.3	2-2.38 1-4.76	\emptyset 31.75 TL 75 R32		TL OD FT FD	TIK NO. LKFF1K9202A0 LKFF1K9202AT
	TIK NO. 1K9202A0 1K9202AT	TIK NO. R1K9202A0	TIK NO. P1K9202A0	TIK NO. B1K9202A0	TIK NO. LNFF1K9202A0	
	REFERENCE NO. V101-23-200	REFERENCE NO. V101-23-206		REFERENCE NO. 0636-11-213	REFERENCE NO. 0528-10-311 V101-23-051	
	Surface Treatment 0A					
E2700B 4 Cyl. 	\emptyset 92 -5.2 CD 60.32 TL 103.3	1-3.0DK 1-2.38 1-4.0	\emptyset 31.75 TL 75 R32		TL OD FT FD	TIK NO. LKFF1K920300 LKFF1K92030T
	TIK NO. 1K920300 1K92030T	TIK NO. R1K920300	TIK NO. P1K920300	TIK NO. B1K920300	TIK NO. LNFF1K920300	
	REFERENCE NO. 0520-23-200 K480-11-102 K4Z0-11-SAO	REFERENCE NO. K4Z0-11-SCO K480-23-206		REFERENCE NO.	REFERENCE NO. K800-10-311A	
	Surface Treatment 0A					

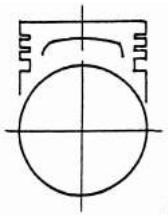
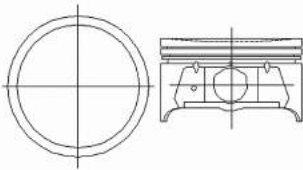
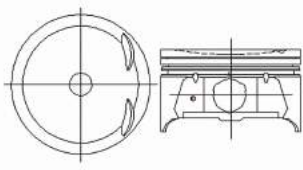
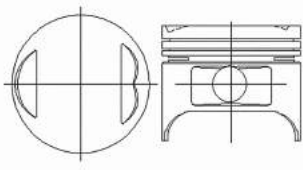
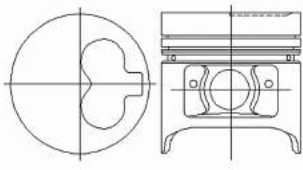


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
G6 4 Cyl.	∅ 92 -9.5 CD 36.5 TL 74.5	2-1.5 1-4.0	∅ 23 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1K920400	TIK NO. R1K920400	TIK NO. P1K920400	TIK NO.	TIK NO. LNSN1K920400	
Surface Treatment 00	REFERENCE NO. G601-11-SA0B G601-11-SAO	REFERENCE NO. G601-11-SCOA G612-11-SCO G612-11-SDO G612-11-SDX		REFERENCE NO.	REFERENCE NO.	
TOPIC 4 Cyl.	∅ 92 -5 CD 60.325 TL 103.2	1-3.0DK 1-2.38 1-4.0	∅ 31.75 TL 75.5 R32		TL OD FT FD	TIK NO. LKFF1K920500 LKFF1K92050T
	TIK NO. 1K920500 1K92050T	TIK NO. R1K920300	TIK NO. P1K920500	TIK NO. B1K920300	TIK NO. LNFF1K920300	
Surface Treatment 0J	REFERENCE NO. K480-11-102	REFERENCE NO. K4Z0-11-SCO K480-23-206		REFERENCE NO.	REFERENCE NO. K800-10-311A	
JE39 6 Cyl.	∅ 90 -3.6 CD 35.5 TL 74	2-1.5 1-4.0	∅ 23 TL 77		TL OD FT FD	TIK NO.
	TIK NO. 1K900100	TIK NO. R1K900100	TIK NO. P1K900100	TIK NO.	TIK NO. LNSN1K900100	
Surface Treatment 0J	REFERENCE NO. JEY6-11-SA0T JEY6-11-SAOB	REFERENCE NO. JEY0-11-SCO JEY0-11-SDO JEY0-11-SDX JEY1-11-SCO		REFERENCE NO.	REFERENCE NO.	
JE18V 6 Cyl.	∅ 90 -3.6 CD 35.7 TL 71.3	2-1.5 1-4.0	∅ 23 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1K900200	TIK NO. R1K900100	TIK NO. P1K900200	TIK NO.	TIK NO. LNSN1K900100	
Surface Treatment 0E	REFERENCE NO. JEY7-11-SAZA JEY7-11-SAX/XA	REFERENCE NO. JEY0-11-SCO JEY0-11-SDO JEY0-11-SDX JEY1-11-SCO		REFERENCE NO.	REFERENCE NO.	
JE 6 Cyl.	∅ 90 -5.6 CD 35.2 TL 70.7	2-1.5 1-4.0	∅ 23 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1K900400	TIK NO. R1K900100	TIK NO. P1K900400	TIK NO.	TIK NO. LNSN1K900100	
Surface Treatment 0E	REFERENCE NO. JEY8-11-SLXA JEY9-11-SLO JE27-11-SAO	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
E2500-3G 4 Cyl.	Ø 88.9 -1.8 CD 60.3 TL 103.3	2-2.4 1-4.76	Ø 28 TL 73 R28		TL OD FT FD	TIK NO. LKFF1K889100 LKFF1K88910T
	TIK NO. 1K889100 1K88910T	TIK NO. R1K889100	TIK NO. P1K889100	TIK NO. B1K889100	TIK NO. LNFF1K889100	
Surface Treatment 0A	REFERENCE NO. S501-23-200 S501-99-111	REFERENCE NO. 1456-23-206		REFERENCE NO. S501-11-213	REFERENCE NO. 0636-10-311 S501-23-051	
E2500-5G 4 Cyl.	Ø 88.9 CD 60.18 TL 115.7	3-2.38 2-4.76	Ø 31.75 TL 75 R32		TL OD FT FD	TIK NO. LKFF1K889200 LKFF1K88920T
	TIK NO. 1K889200 1K88920T	TIK NO. R1K889200	TIK NO. P1K889200	TIK NO. B1K889200	TIK NO. LNFF1K889100	
Surface Treatment 0A	REFERENCE NO. 0559-23-200 0636-23-200 0750-23-200	REFERENCE NO. 0559-23-206 0559-23-207 0636-23-206 0636-23-207		REFERENCE NO. 0636-11-213	REFERENCE NO. 0636-10-311 S501-23-051	
S2 4 Cyl.	Ø 88.9 -1.9 CD 50.8 TL 94.7	2-2.381 1-4.762	Ø 28 TL 73 R28		TL OD FT FD	TIK NO. LKFF1K889300 LKFF1K88930T
	TIK NO. 1K889300 1K88930T	TIK NO. R1K889100	TIK NO. P1K889300	TIK NO. B1K889300	TIK NO. LNFF1K889300	
Surface Treatment 0A	REFERENCE NO. 8259-23-200 1456-23-200	REFERENCE NO. 1456-23-206		REFERENCE NO. 0911-11-213 1456-11-213 S213-11-213	REFERENCE NO. 1456-23-051	
T2500 4 Cyl.	Ø 88.9 CD 60.1 TL 103.3	2-2.38 1-4.76	Ø 28 TL 73 R28		TL OD FT FD	TIK NO. LKFF1K889400 LKFF1K88940T
	TIK NO. 1K889400 1K88940T	TIK NO. R1K889100	TIK NO. P1K889400	TIK NO. B1K889100	TIK NO. LNFF1K889100	
Surface Treatment 0A	REFERENCE NO. 0911-99-111B 0911-99-111	REFERENCE NO. 1456-23-206		REFERENCE NO. S501-11-213	REFERENCE NO. 0636-10-311 S501-23-051	
E2500A 4 Cyl.	Ø 88.9 CD 60.07 TL 115.7	3-2.4 2-4.8	Ø 31.75 TL 75 R32		TL OD FT FD	TIK NO.
	TIK NO. 1K889500	TIK NO. R1K889500	TIK NO. P1K889500	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
LFF7 LF17 LF18 4 Cyl.	∅ 87.5 -0.3 CD 28.6 TL 51	2-1.2 1-2.5	∅ 21 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1K875100	TIK NO. R1K875100	TIK NO. P1K875100	TIK NO.	TIK NO.	
Surface Treatment 0W	REFERENCE NO.	REFERENCE NO. K-800044940000 M-01561N0	REFERENCE NO.	REFERENCE NO.		
LFY2 4 Cyl.	∅ 87.5 -2 CD 28.5 TL 51	2-1.2 1-2.5	∅ 21 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1K875200	TIK NO. R1K875200	TIK NO. P1K875200	TIK NO.	TIK NO.	
Surface Treatment 0W	REFERENCE NO. LFY2-11-010	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
L3Y7 4 Cyl.	∅ 87.5 -3.3 CD 28.8 TL 51	2-1.2 1-2.5	∅ 21 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1K875300	TIK NO. R1K875300	TIK NO. P1K875300	TIK NO.	TIK NO.	
Surface Treatment 0W	REFERENCE NO. L3Y7-11-010	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
F8 4 Cyl.	∅ 86 -3.8 CD 34 TL 71	2-1.5 1-4.0	∅ 22 TL 66		TL 158.8 OD 90.0 FT FD	TIK NO.
	TIK NO. 1K860100	TIK NO. R1K860100	TIK NO. P1K860100	TIK NO.	TIK NO. LNSN1K860100	
Surface Treatment 00	REFERENCE NO. F801-23-200	REFERENCE NO. F2Y1-11-SCO F2Y1-11-SDO F2Y1-11-SDX F2Y2-11-SCO	REFERENCE NO.	REFERENCE NO.	REFERENCE NO. F801-10-311	
R2 4 Cyl.	∅ 86 -1.6 CD 47.3 TL 86.3	2-2.0 1-4.0	∅ 25 TL 67 R25		TL 165.0 OD 89.0 FT 4.0 FD 94.0	TIK NO. LKFF1K860200 LKFF1K86020T
	TIK NO. 1K860200 1K86020T	TIK NO. R1K860200	TIK NO. P1K860200	TIK NO. B1K860200	TIK NO. LNFF1K860200	
Surface Treatment 0A	REFERENCE NO. RF01-23-200	REFERENCE NO. R201-23-130A R201-23-130B	REFERENCE NO.	REFERENCE NO. RF01-11-213	REFERENCE NO. R201-23-051 RF01-10-311	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
FE 4 Cyl.	Ø 86 -2.5	2-1.5	Ø 22 TL 66		TL 180.0 OD 90.0 FT FD	TIK NO.
	CD 34 TL 71	1-4.0				
	TIK NO. 1K860300	TIK NO. R1K830100	TIK NO. P1K860300	TIK NO.	TIK NO. LNSN1K830100	
	REFERENCE NO. FE01-23-200 FE01-23-210 FE01-23-220	REFERENCE NO. F2Y1-11-SCO F2Y1-11-SDO F2Y1-11-SDX F2Y2-11-SCO		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
F2Y2 4 Cyl.	Ø 86 -7	2-1.5	Ø 22 TL 66		TL 158.8 OD 90.0 FT FD	TIK NO.
	CD 36.5 TL 71.5	1-4.0				
	TIK NO. 1K860400	TIK NO. R1K860100	TIK NO. P1K860400	TIK NO.	TIK NO. LNSN1K860100	
	REFERENCE NO. F2Y2-11-SAO F2Y2-11-SAOA F2Y2-11-SBO F2Y2-11-SBX	REFERENCE NO. F2Y1-11-SCO F2Y1-11-SDO F2Y1-11-SDX F2Y2-11-SCO		REFERENCE NO.	REFERENCE NO. F801-10-311	
Surface Treatment 00						
F2Y4 4 Cyl.	Ø 86 -5.5	2-1.5	Ø 22 TL 66		TL 158.8 OD 90.0 FT FD	TIK NO.
	CD 36 TL 70.9	1-4.0				
	TIK NO. 1K860500	TIK NO. R1K860100	TIK NO. P1K860500	TIK NO.	TIK NO. LNSN1K860100	
	REFERENCE NO. F2Y4-11-SAO F2Y4-11-SBO F2Y4-11-SBX	REFERENCE NO. F2Y1-11-SCO F2Y1-11-SDO F2Y1-11-SDX F2Y2-11-SCO		REFERENCE NO.	REFERENCE NO. F801-10-311	
Surface Treatment 00						
R2YO 4 Cyl.	Ø 86 -1.5	2-2.0	Ø 25 TL 67 R25		TL 163.0 OD 89.0 FT 2.8 FD 94.0	TIK NO. LKFF1K860700 LKFF1K86070L LKFF1K86070T LKFF1K86070H
	CD 47.3 TL 86.3	1-3.0				
	TIK NO. 1K860700 1K86070L 1K86070T 1K86070H	TIK NO. R1K860700	TIK NO. P1K860700	TIK NO. B1K860200	TIK NO. LNFF1K860700	
	REFERENCE NO. R2YO-11-SAO R2YO-11-SAO	REFERENCE NO. R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA RFY5-11-SDOA		REFERENCE NO. RF01-11-213	REFERENCE NO. R2B6-10-311 R2B6-10-313	
Surface Treatment 0A						
R2C 4 Cyl.	Ø 86 -1.6	2-2.0	Ø 25 TL 67 R25		TL 165.0 OD 89.0 FT 4.0 FD 94.0	TIK NO. LKFF1K860800 LKFF1K86080T
	CD 47.3 TL 86.3	1-3.0				
	TIK NO. 1K860800 1K86080T	TIK NO. R1K860200	TIK NO. P1K860800	TIK NO. B1K860200	TIK NO. LNFF1K860200	
	REFERENCE NO. RE01-23-200 RF01-23-200	REFERENCE NO. R201-23-130A R201-23-130B		REFERENCE NO. RF01-11-213	REFERENCE NO. R201-23-051 RF01-10-311	
Surface Treatment 0A						

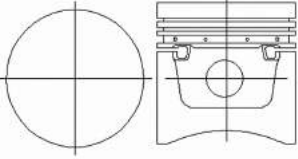
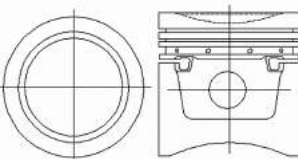
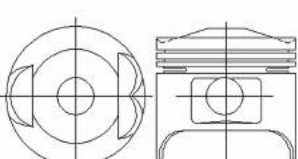
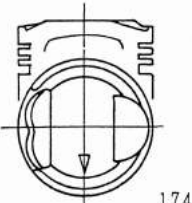
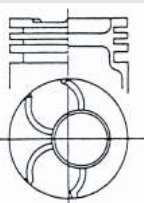


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
R2/B 4 Cyl.	∅ 86 -1.6	2-2.0	∅ 25 TL 67 R25		TL 165.0 OD 89.0 FT 4.0 FD 94.0	TIK NO. LKFF1K860900 LKFF1K86090T
	CD 47.3 TL 86.3	1-4.0				
	TIK NO. 1K860900 1K86090T	TIK NO. R1K860200	TIK NO. P1K860900	TIK NO. B1K860200	TIK NO. LNFF1K860200	
	REFERENCE NO. RF01-23-200	REFERENCE NO. R201-23-130A R201-23-130B		REFERENCE NO. RF01-11-213	REFERENCE NO. R201-23-051 RF01-10-311	
Surface Treatment 0A						
R2Y3 4 Cyl.	∅ 86 -2.2	2-2.0	∅ 25 TL 64 R25		TL 163.0 OD 89.0 FT 2.8 FD 94.0	TIK NO. LKFF1K861000 LKFF1K86100L LKFF1K86100T LKFF1K86100H
	CD 43.2 TL 82.2	1-3.0				
	TIK NO. 1K861000 1K86100L 1K86100T 1K86100H	TIK NO. R1K860700	TIK NO. P1K861000	TIK NO.	TIK NO. LNFF1K860700	
	REFERENCE NO. R2Y3-11-SA0B	REFERENCE NO. R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA RFY5-11-SDOA		REFERENCE NO. RF01-11-213	REFERENCE NO. R2B6-10-311 R2B6-10-313	
Surface Treatment 0A						
R2YO/A 4 Cyl.	∅ 86 -1.6	2-2.0	∅ 25 TL 68 R25		TL OD FT FD	TIK NO.
	CD 47.2 TL 86.2	1-4.0				
	TIK NO. 1K861200 1K86120L 1K86120T 1K86120H	TIK NO. R1K861200	TIK NO. P1K861200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
FEYB 4 Cyl.	∅ 86 -6	2-1.5	∅ 22 TL 71.5 SP25		TL OD FT FD	TIK NO.
	CD 36.6 TL 71.5	1-4.0				
	TIK NO. 1K861300	TIK NO. R1K860100	TIK NO. P1K861300	TIK NO.	TIK NO. LNSN1K861300	
	REFERENCE NO. FEYB-11-SAO FEYA-11-SAO	REFERENCE NO. F2Y1-11-SCO F2Y1-11-SDO F2Y1-11-SDX F2Y2-11-SCO		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
FEYC 4 Cyl.	∅ 86 -5	1-1.5	∅ 22 TL 67		TL 180.0 OD 90.0 FT FD	TIK NO.
	CD 34.5 TL 71	1-1.5 1-4.0				
	TIK NO. 1K861400	TIK NO. R1K860100	TIK NO. P1K861400	TIK NO.	TIK NO. LNSN1K861300	
	REFERENCE NO. FEYC-11-SAO	REFERENCE NO. F2Y1-11-SCO F2Y1-11-SDO F2Y1-11-SDX F2Y2-11-SCO		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
KLY1 6 Cyl.	Ø 84.5 -4.4	2-1.5	Ø 20 TL 61		TL OD FT FD	TIK NO.
	CD 29.2 TL 55.8	1-3.0				
	TIK NO. 1K845100	TIK NO. R1K845100	TIK NO. P1K845100	TIK NO.	TIK NO. LNSN1K845100	
	REFERENCE NO. KLY1-11-SAOA KLY1-11-SAO KLY1-11-SBO KLY1-11-SBOA	REFERENCE NO. KLY1-11-SCO KLY1-11-SCOA KLY1-11-SDO KLY1-11-SDOA		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						
KLY5 6 Cyl.	Ø 84.5 -2.8	2-1.5	Ø 19.98 TL 61		TL OD FT FD	TIK NO.
	CD 28.71 TL 55.5	1-3.0				
	TIK NO. 1K845200	TIK NO. R1K845200	TIK NO. P1K845200	TIK NO.	TIK NO.	
	REFERENCE NO. KLY5-11-SAOB	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0E						
BP 4 Cyl.	Ø 83 -3.4	2-1.5	Ø 20 TL 61		TL OD FT FD	TIK NO.
	CD 31.15 TL 61.5	1-3.0				
	TIK NO. 1K830100	TIK NO. R1K830100	TIK NO. P1K830100	TIK NO.	TIK NO. LNSN1K830100	
	REFERENCE NO. BPY0-11-SAO	REFERENCE NO. BPY1-11-SCO BPY1-11-SDO BPY1-11-SDX BPY4-11-SCO		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
FSY1 4 Cyl.	Ø 83 -8.6	1-1.2 1-1.5 1-3.0	Ø 19 TL 58		TL OD FT FD	TIK NO.
	CD 29.8 TL 54					
	TIK NO. 1K830200	TIK NO. R1K830200	TIK NO. P1K830200	TIK NO.	TIK NO. LNSN1K830200	
	REFERENCE NO. FSY1-11-SAOB FSY1-11-SAO	REFERENCE NO. FSY1-11-SCO FSY1-11-SCOA FSY1-11-SDO FSY1-11-SDOA		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
BPD 4 Cyl.	Ø 83 -4	2-1.5	Ø 20 TL 56.5 SP23		TL OD FT FD	TIK NO.
	CD 30.7 TL 61.45	1-3.0				
	TIK NO. 1K830300	TIK NO. R1K830100	TIK NO. P1K830300	TIK NO.	TIK NO. LNSN1K830100	
	REFERENCE NO. BPY1-11-SAOA BPY1-11-SAO	REFERENCE NO. BPY1-11-SCO BPY1-11-SDO BPY1-11-SDX BPY4-11-SCO		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
E2000 4 Cyl.	Ø 82 CD 45 TL 83.5	2-2.0 1-4.5	Ø 22 TL 71 SP25		TL OD FT FD	TIK NO. LKSN1K8201A0
	TIK NO. 1K8201A0	TIK NO. R1K8201A0	TIK NO. P1K8201A0	TIK NO. B1K8201A0	TIK NO. LNSN1K8201A0	
Surface Treatment 00	REFERENCE NO. 0553-23-200	REFERENCE NO. 0552-23-180 0552-23-190 1352-23-130		REFERENCE NO. 0107-11-212 0170-11-212	REFERENCE NO. 0552-10-311 0552-10-311A	
VA E2000 4 Cyl.	Ø 82 -6 CD 44.5 TL 83	2-2.5 1-4.5	Ø 22 TL 71 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1K8201C0	TIK NO. R1K8201C0	TIK NO. P1K8201C0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
F6 4 Cyl.	Ø 81 -3.5 CD 34.2 TL 76	2-1.5 1-4.0	Ø 22 TL 66		TL 150.0 OD 85.0 FT FD	TIK NO.
	TIK NO. 1K810100	TIK NO. R1K810100	TIK NO. P1K810100	TIK NO.	TIK NO. LNSN1K810100	
Surface Treatment 00	REFERENCE NO. F605-23-200	REFERENCE NO. F601-23-130/A F601-23-131/A F601-23-132/A F601-23-133/A		REFERENCE NO.	REFERENCE NO.	
6/A 4 Cyl.	Ø 81 +5.3 CD 34 TL 76.5	2-1.5 1-4.0	Ø 22 TL 66		TL 150.0 OD 85.0 FT FD	TIK NO.
	TIK NO. 1K810200	TIK NO. R1K810100	TIK NO. P1K810200	TIK NO.	TIK NO. LNSN1K810100	
Surface Treatment 00	REFERENCE NO. F601-23-200	REFERENCE NO. F601-23-130/A F601-23-131/A F601-23-132/A F601-23-133/A		REFERENCE NO.	REFERENCE NO.	
RUSTLER 1300 4 Cyl.	Ø 80.985 -14 CD 44.22 TL 83.8	1-1.6 1-2.0 1-4.0	Ø 20.64 TL 71 R20		TL OD FT FD	TIK NO.
	TIK NO. 1K809100	TIK NO. R1K809100	TIK NO. P1K809100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

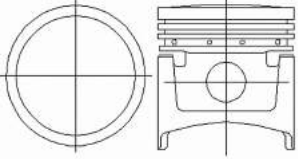
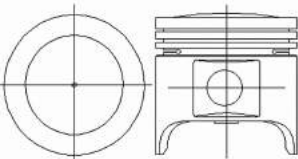
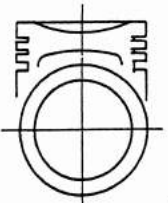
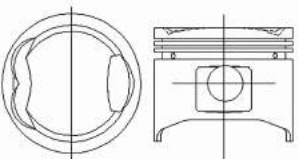
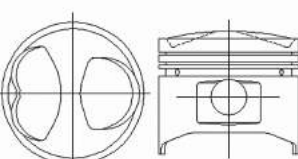


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
8682 4 Cyl.	Ø 80 CD 36.2 TL 73.2	1-1.2 1-1.5 1-4.0	Ø 20 TL 65		TL OD FT FD		TIK NO.
	TIK NO. 1K800130	TIK NO. R1K800130	TIK NO. P1K800130	TIK NO.	TIK NO.		
Surface Treatment 00	REFERENCE NO. RY2698	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
MA/C 4 Cyl.	Ø 80 CD 36.2 TL 73.2	1-1.0 1-1.5 1-4.0	Ø 22 TL 65		TL OD FT FD		TIK NO.
	TIK NO. 1K8001A0	TIK NO. R1K8001A0	TIK NO. P1K8001A0	TIK NO.	TIK NO.		
Surface Treatment 00	REFERENCE NO. HE05-23-200	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
3975 4 Cyl.	Ø 80 CD 36.2 TL 73.2	2-2.0 1-4.0	Ø 22 TL 65 SP25		TL OD FT FD	177.8 84.0	TIK NO.
	TIK NO. 1K8001B0	TIK NO. R1K8001B0	TIK NO. P1K8001B0	TIK NO.	TIK NO. LNSN1K8001B0		
Surface Treatment 00	REFERENCE NO. 3975-23-200	REFERENCE NO. 0453-23-130 0453-23-130B 3975-23-130		REFERENCE NO.	REFERENCE NO. 8173-23-206		
8682 4 Cyl.	Ø 80 CD 36.3 TL 73.3	1-1.2 1-1.5 1-4.0	Ø 20 TL 65		TL OD FT FD	177.8 84.0	TIK NO.
	TIK NO. 1K8001C0	TIK NO. R1K8001C0	TIK NO. P1K8001C0	TIK NO.	TIK NO. LNSN1K8001B0		
Surface Treatment 00	REFERENCE NO. HE01-23-200	REFERENCE NO. 8682-23-130 8682-23-130A D97Z-6149 HE18-23-130		REFERENCE NO.	REFERENCE NO. 8173-23-206		
E1800 4 Cyl.	Ø 80 -2 CD 36 TL 73	2-2.0 1-4.0	Ø 22 TL 65 SP25		TL OD FT FD	177.8 84.0	TIK NO.
	TIK NO. 1K800200	TIK NO. R1K8001B0	TIK NO. P1K800200	TIK NO.	TIK NO. LNSN1K8001B0		
Surface Treatment 00	REFERENCE NO. 0453-23-200	REFERENCE NO. 0453-23-130 0453-23-130B 3975-23-130		REFERENCE NO.	REFERENCE NO. 8173-23-206		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
H801 4 Cyl.	Ø 80 -2 CD 35.8 TL 72.8	1-1.2 1-1.5 1-4.0	Ø 20 TL 65		TL 177.8 OD 84.0 FT FD	TIK NO.
	TIK NO. 1K800300	TIK NO. R1K8001C0	TIK NO. P1K800300	TIK NO.	TIK NO. LNSN1K8001B0	
Surface Treatment 00	REFERENCE NO. H801-23-200 4116-23-200 8171-23-200	REFERENCE NO. 8682-23-130 8682-23-130A D97Z-6149 HE18-23-130		REFERENCE NO.	REFERENCE NO. 8173-23-206	
MA 4 Cyl.	Ø 80 CD 36.2 TL 73.2	1-1.5 1-2.0 1-4.0	Ø 20 TL 65		TL 177.8 OD 84.0 FT FD	TIK NO.
	TIK NO. 1K800400	TIK NO. R1K800400	TIK NO. P1K800400	TIK NO.	TIK NO. LNSN1K8001B0	
Surface Treatment 00	REFERENCE NO. HE41-23-200	REFERENCE NO. HE05-23-130		REFERENCE NO.	REFERENCE NO. 8173-23-206	
H802 4 Cyl.	Ø 80 -2 CD 35.8 TL 72.8	1-1.5 1-4.0 1-2.0	Ø 20 TL 65		TL 177.8 OD 84.0 FT FD	TIK NO.
	TIK NO. 1K800500	TIK NO. R1K800400	TIK NO. P1K800500	TIK NO.	TIK NO. LNSN1K8001B0	
Surface Treatment 00	REFERENCE NO. H802-23-200	REFERENCE NO. HE05-23-130		REFERENCE NO.	REFERENCE NO. 8173-23-206	
RUSTLER 1600 4 Cyl.	Ø 79.96 +7.8 CD 36.9 TL 74.5	1-1.6 1-2.0 1-4.0	Ø 20.63 TL 67		TL OD FT FD	TIK NO.
	TIK NO. 1K799100	TIK NO. R1K799100	TIK NO. P1K799100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
E1600 4 Cyl.	Ø 78 +2.5 CD 38.5 TL 78	1-1.2 1-1.5 1-4.0	Ø 20 TL 65		TL 146.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1K7801A0	TIK NO. R1K7801A0	TIK NO. P1K7801A0	TIK NO.	TIK NO. LNSN1K7801A0	
Surface Treatment 00	REFERENCE NO. 8170-23-200 H601-23-200 8170-23-200A	REFERENCE NO. 8170-23-130 8170-23-130A 8658-23-130 H604-23-130		REFERENCE NO.	REFERENCE NO. 305-23-208	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
NA1600 4 Cyl.	Ø 78 +2.7 CD 38.5 TL 78.2	2-1.5 1-4.0	Ø 22 TL 65 SP25		TL 146.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1K7801B0	TIK NO. R1K7801B0	TIK NO. P1K7801B0	TIK NO.	TIK NO. LNSN1K7801A0	
Surface Treatment 00	REFERENCE NO. 0305-23-200	REFERENCE NO. 0222-23-206 0222-23-130 0290-23-130 0290-23-131		REFERENCE NO.	REFERENCE NO. 305-23-208	
E1600A 4 Cyl.	Ø 78 +2.5 CD 38.5 TL 78	1-1.5 1-2.0 1-4.0	Ø 20 TL 65		TL 146.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1K7801C0	TIK NO. R1K7801C0	TIK NO. P1K7801C0	TIK NO.	TIK NO. LNSN1K7801A0	
Surface Treatment 00	REFERENCE NO. H602-23-200	REFERENCE NO. H617-23-130		REFERENCE NO.	REFERENCE NO. 305-23-208	
VB1800 4 Cyl.	Ø 78 CD 40 TL 77	2-1.5 1-4.0	Ø 22 TL 65 SP25		TL 146.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1K780400	TIK NO. R1K7801B0	TIK NO. P1K780400	TIK NO.	TIK NO. LNSN1K7801A0	
Surface Treatment 00	REFERENCE NO. 0290-23-200 0290-99-111 3879-23-200	REFERENCE NO. 0222-23-206 0222-23-130 0290-23-130 0290-23-131		REFERENCE NO.	REFERENCE NO. 305-23-208	
B6 4 Cyl.	Ø 78 -2 CD 32 TL 63	2-1.5 1-4.0	Ø 20 TL 61		TL 150.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1K780500	TIK NO. R1K780500	TIK NO. P1K780500	TIK NO.	TIK NO. LNSN1K780500	
Surface Treatment 00	REFERENCE NO. B6Y0-11-SAOA	REFERENCE NO. B6Y0-11-SCO B6Y0-11-SCOA B6Y0-11-SDO B6Y0-11-SDOA		REFERENCE NO.	REFERENCE NO.	
B6Y 4 Cyl.	Ø 78 +4 CD 32 TL 67.1	2-1.5 1-4.0	Ø 20 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1K780600	TIK NO. R1K780600	TIK NO. P1K780600	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. B6Y1-11-SAO	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
B6Y2 4 Cyl.	Ø 78 -3 CD 32.5 TL 63	2-1.5 1-3.0	Ø 20 TL 61		TL 150.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1K780700	TIK NO. R1K780700	TIK NO. P1K780700	TIK NO.	TIK NO. LNSN1K780500	
Surface Treatment 00	REFERENCE NO. B6Y2-11-SAO B6Y2-11-SBX	REFERENCE NO. B6Y3-11-SCO B6Y3-11-SCOA B6Y3-11-SDO B6Y3-11-SDX		REFERENCE NO.	REFERENCE NO.	
PN 4 Cyl.	Ø 78 -2.4 CD 41.2 TL 76	1-2.0 1-1.5 1-3.0	Ø 25 TL 64 R25		TL 157.0 OD 82.0 FT 2.0 FD 86.0	TIK NO. LKSN1K780800
	TIK NO. 1K780800	TIK NO. R1K780800	TIK NO. P1K780800	TIK NO. B1K780800	TIK NO. LNSN1K780800	
Surface Treatment 0A	REFERENCE NO. PN11-11-SAOB PN20-11-SAO	REFERENCE NO. PN11-11-SCO PNY2-11-SCO PNY2-11-SCOA		REFERENCE NO. PN11-11-213	REFERENCE NO. PN11-11-311	
B6-T 4 Cyl.	Ø 78 -1.3 CD 32.2 TL 63.5	2-1.5 1-4.0	Ø 20 TL 62 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1K780900	TIK NO. R1K780900	TIK NO. P1K780900	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. B6Z2-11-SBOC	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
B6Z2 4 Cyl.	Ø 78 -5.8 CD 32.2 TL 63.5	2-1.5 1-4.0	Ø 20 TL 61 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1K781000	TIK NO. R1K780500	TIK NO. P1K781000	TIK NO.	TIK NO. LNSN1K780500	
Surface Treatment 00	REFERENCE NO. B6Z2-11-SAOC B6Z2-11-SAO	REFERENCE NO. B6Y0-11-SCO B6Y0-11-SCOA B6Y0-11-SDO B6Y0-11-SDOA		REFERENCE NO.	REFERENCE NO.	
B6Z5 4 Cyl.	Ø 78 -4 CD 32.3 TL 63.5	2-1.5 1-3.0	Ø 20 TL 56C1 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1K781100	TIK NO. R1K781100	TIK NO. P1K781100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. B6Z5-11-SAOC	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

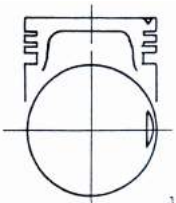
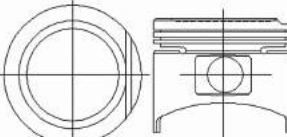
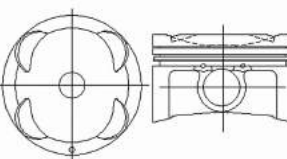
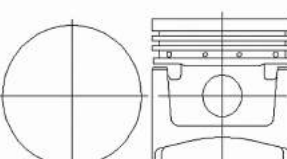
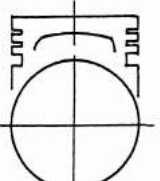


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CT75 4 Cyl.	Ø 78 -4.6	2-1.5	Ø 20 TL 57		TL 150.0 OD 82.0 FT FD	TIK NO.
	CD 31.85 TL 62.45	1-3.0				
	TIK NO. 1K781200	TIK NO. R1K780700	TIK NO. P1K781200	TIK NO.	TIK NO. LNSN1K780500	
	REFERENCE NO. B6BF-11-102	REFERENCE NO. B6Y3-11-SCO B6Y3-11-SCOA B6Y3-11-SDO B6Y3-11-SDX		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
B6Y3 4 Cyl.	Ø 78 -4.5	2-1.5	Ø 20 TL 61		TL OD FT FD	TIK NO.
	CD 31.9 TL 62.5	1-3.0				
	TIK NO. 1K781300	TIK NO. R1K780700	TIK NO. P1K781300	TIK NO.	TIK NO. LNSN1K780500	
	REFERENCE NO. B6Y3-11-SAOA B6Y3-11-SAO	REFERENCE NO. B6Y3-11-SCO B6Y3-11-SCOA B6Y3-11-SDO B6Y3-11-SDX		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
B6ZE 4 Cyl.	Ø 78 -4.8	2-1.5	Ø 20 TL 57 SP23		TL 150.0 OD 82.0 FT FD	TIK NO.
	CD 32 TL 62.5	1-3.0				
	TIK NO. 1K781400	TIK NO. R1K780700	TIK NO. P1K781400	TIK NO.	TIK NO. LNSN1K780500	
	REFERENCE NO. B6Z7-11-SAO	REFERENCE NO. B6Y3-11-SCO B6Y3-11-SCOA B6Y3-11-SDO B6Y3-11-SDX		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
B6ZE/A 4 Cyl.	Ø 78 -2.5	2-1.5	Ø 20 TL 57 SP23		TL OD FT FD	TIK NO.
	CD 32 TL 62.4	1-4.0				
	TIK NO. 1K781500	TIK NO. R1K781500	TIK NO. P1K781500	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
ALLEGRO 1.6L 4 Cyl.	Ø 78 -4	1-1.2 1-1.5 1-3.0	Ø 19.99 TL 61		TL OD FT FD	TIK NO.
	CD 31 TL 54.5					
	TIK NO. 1K781600	TIK NO. R1K781600	TIK NO. P1K781600	TIK NO.	TIK NO. LNSN1K780500	
	REFERENCE NO. ZMY0-11-SAO	REFERENCE NO. ZLY0-11-SCO ZLY0-11-SDO ZLY0-11-SDX		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
Z6Y6 4 Cyl.	Ø 78 -1.9 CD 29.71 TL 48.2	2-1.2 1-2.5	Ø 18.98 TL 58		TL 150.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1K781700	TIK NO. R1K781700	TIK NO. P1K781700	TIK NO.	TIK NO. LNSN1K780500	
Surface Treatment 00	REFERENCE NO. Z6Y6-11-SAO Z6Y1-11-SAOA Z6Y1-11-SAOB Z6Y1-11-SAO	REFERENCE NO. ZYY1-11-SCO ZYY2-11-SCO		REFERENCE NO.	REFERENCE NO.	
E3 E3/A 4 Cyl.	Ø 77 +0.8 CD 29 TL 61.8	1-1.2 1-1.5 1-4.0	Ø 20 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 1K7701A0	TIK NO. R1K7701A0	TIK NO. P1K7701A0	TIK NO.	TIK NO. LNSN1K7701A0	
Surface Treatment 00	REFERENCE NO. E301-23-200	REFERENCE NO. E301-23-130 E301-23-130A E512-23-130		REFERENCE NO.	REFERENCE NO.	
E302 4 Cyl.	Ø 77 +0.8 CD 29 TL 61.8	1-1.5 1-2.0 1-4.0	Ø 20 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 1K7701B0	TIK NO. R1K7701B0	TIK NO. P1K7701B0	TIK NO.	TIK NO. LNSN1K7701A0	
Surface Treatment 00	REFERENCE NO. E302-23-200A E302-23-200 E302-11-102A	REFERENCE NO. E302-23-130A E302-23-131A E302-23-132A		REFERENCE NO.	REFERENCE NO.	
E5 4 Cyl.	Ø 77 -2.3 CD 29 TL 61	1-1.2 1-1.5 1-4.0	Ø 20 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 1K7702A0	TIK NO. R1K7701A0	TIK NO. P1K7702A0	TIK NO.	TIK NO. LNSN1K7702A0	
Surface Treatment 00	REFERENCE NO. E501-23-200	REFERENCE NO. E301-23-130 E301-23-130A E512-23-130		REFERENCE NO.	REFERENCE NO.	
E502 4 Cyl.	Ø 77 -2.3 CD 29 TL 61	1-1.5 1-2.0 1-4.0	Ø 20 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 1K7702B0	TIK NO. R1K7701B0	TIK NO. P1K7702B0	TIK NO.	TIK NO. LNSN1K7702A0	
Surface Treatment 00	REFERENCE NO. E502-23-200 E502-11-102A E502-23-200A	REFERENCE NO. E302-23-130A E302-23-131A E302-23-132A		REFERENCE NO.	REFERENCE NO.	

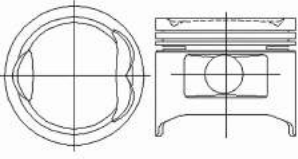
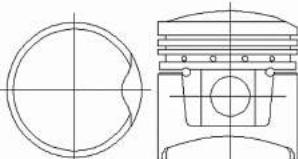
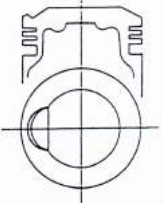
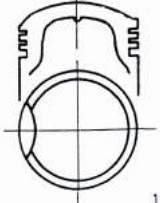
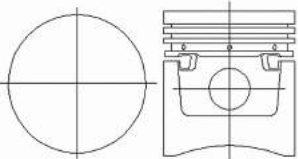


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
E580 4 Cyl.	∅ 77 -2.5 CD 29 TL 61.5	1-2.0 1-1.5 1-4.0	∅ 20 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 1K7702C0	TIK NO. 1K7702C0	TIK NO. P1K7702C0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. E580-23-200	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
UC 4 Cyl.	∅ 77 -2.5 CD 30.5 TL 62.4	2-1.5 1-4.0	∅ 20 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 1K770300	TIK NO. R1K770300	TIK NO. P1K770300	TIK NO.	TIK NO. LNSN1K770300	
Surface Treatment 00	REFERENCE NO. 8569-23-200	REFERENCE NO. 8569-23-130 8569-23-130A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
ZC 4 Cyl.	∅ 75.3 -6.1 CD 28.1 TL 47	1-1.0 1-1.2 1-2.5	∅ 19.98 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1K753100	TIK NO. R1K753100	TIK NO. P1K753100	TIK NO.	TIK NO. LNSN1K753100	
Surface Treatment 00	REFERENCE NO. Z5Y0-11-SAO	REFERENCE NO. Z5Y0-11-SCO Z5Y0-11-SDO Z5Y0-11-SDX Z5Z0-11-SCO	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
UA 4 Cyl.	∅ 75 CD 41 TL 78	2-2.5 1-4.0	∅ 22 TL 64 SP25		TL 147.5 OD 86.5 FT 9.0 FD 94.0	TIK NO.
	TIK NO. 1K750100	TIK NO. R1K750100	TIK NO. P1K750100	TIK NO.	TIK NO. LNFF1K750100	
Surface Treatment 00	REFERENCE NO. 0107-11-1002 0107-11-102 0603-23-200	REFERENCE NO. 0107-11-999 0603-23-170 0603-23-170A 0603-23-999	REFERENCE NO.	REFERENCE NO.	REFERENCE NO. 0604-10-311	
UAB 4 Cyl.	∅ 75 CD 41 TL 78	2-2.0 1-4.0	∅ 22 TL 64 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1K750200	TIK NO. R1K750200	TIK NO. P1K750200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 0572-23-200	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
323 4 Cyl.	Ø 73 +1.5 CD 31 TL 64.5	2-1.5 1-4.0	Ø 20 TL 55		TL OD FT FD	TIK NO.
	TIK NO. 1K7301A0	TIK NO. R1K7301A0	TIK NO. P1K7301A0	TIK NO.	TIK NO. LNSN1K7301A0	
Surface Treatment 00	REFERENCE NO. 8034-23-200	REFERENCE NO. 8034-23-130 8034-23-130A		REFERENCE NO.	REFERENCE NO.	
E1300B 4 Cyl.	Ø 73 CD 37 TL 69	2-2.0 1-4.0	Ø 20 TL 55 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1K7301B0	TIK NO. R1K7301B0	TIK NO. P1K7301B0	TIK NO.	TIK NO. LNSN1K7301A0	
Surface Treatment 00	REFERENCE NO. 0324-23-200	REFERENCE NO. 0324-23-130 0324-23-175		REFERENCE NO.	REFERENCE NO.	
E1300A 4 Cyl.	Ø 73 +1.5 CD 37 TL 70.5	2-2.0 1-4.0	Ø 20 TL 55 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1K7301C0	TIK NO. R1K7301B0	TIK NO. P1K7301C0	TIK NO.	TIK NO. LNSN1K7301A0	
Surface Treatment 00	REFERENCE NO. 0370-23-200	REFERENCE NO. 0324-23-130 0324-23-175		REFERENCE NO.	REFERENCE NO.	
B3 4 Cyl.	Ø 71 -2 CD 28.7 TL 60	1-1.2 1-1.5 1-3.0	Ø 20 TL 55		TL OD FT FD	TIK NO.
	TIK NO. 1K710100	TIK NO. R1K710100	TIK NO. P1K710100	TIK NO.	TIK NO. LNSN1K710100	
Surface Treatment 00	REFERENCE NO. B3Y0-11-SAO	REFERENCE NO. B3Y0-11-SCOA B3Y1-11-SCO B3Y1-11-SCOA B3Y1-11-SDO		REFERENCE NO.	REFERENCE NO.	
B3Y6 4 Cyl.	Ø 71 -8.5 CD 29.3 TL 60	1-1.2 1-1.5 1-3.0	Ø 20 TL 52		TL OD FT FD	TIK NO.
	TIK NO. 1K710200	TIK NO. R1K710200	TIK NO. P1K710200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. B3Y6-11-SAOB	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
B3 NEW 4 Cyl.	Ø 71 -5 CD 28.708 TL 60	1-1.2 1-1.5 1-3.0	Ø 19.985 TL 52		TL OD FT FD	TIK NO.
	TIK NO. 1K710300	TIK NO. R1K710300	TIK NO. P1K710300	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13042P	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
PC 4 Cyl.	Ø 70 +5.5 CD 37 TL 74.5	2-2.0 1-4.0	Ø 20 TL 55 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1K700100	TIK NO. R1K700100	TIK NO. P1K700100	TIK NO.	TIK NO. LNSN1K700100	
Surface Treatment 00	REFERENCE NO. 0317-23-200	REFERENCE NO. 0211-23-999 0268-23-170 0268-23-170A 0268-23-206		REFERENCE NO.	REFERENCE NO.	
TB1200 4 Cyl.	Ø 70 -3.3 CD 39 TL 71	2-2.0 1-4.0	Ø 20 TL 55 SP23		TL 132.0 OD 77.0 FT 8.5 FD 88.0	TIK NO.
	TIK NO. 1K700200	TIK NO. R1K700100	TIK NO. P1K700200	TIK NO.	TIK NO. LNFF1K700200	
Surface Treatment 00	REFERENCE NO. 0268-23-200 0271-23-200	REFERENCE NO. 0211-23-999 0268-23-170 0268-23-170A 0268-23-206		REFERENCE NO.	REFERENCE NO. 0268-10-311 0271-23-206	
E1 4 Cyl.	Ø 70 +6 CD 37 TL 74.5	2-2.0 1-4.0	Ø 20 TL 55 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1K700300	TIK NO. R1K700300	TIK NO. P1K700300	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. PC 101-23-200A	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
T600 4 Cyl.	Ø 70 CD 41.1 TL 76.6	2-2.5 1-4.0	Ø 21.977 TL 60 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1K700400	TIK NO. R1K700400	TIK NO. P1K700400	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



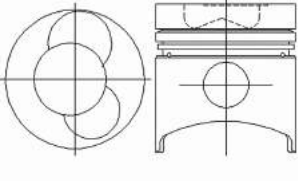
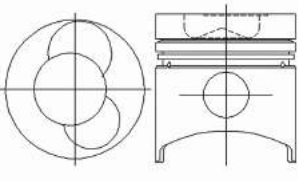
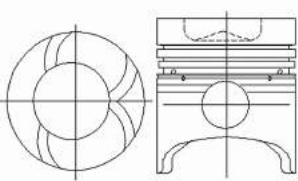
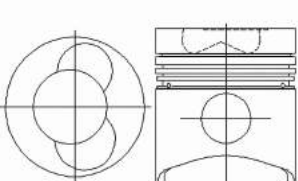
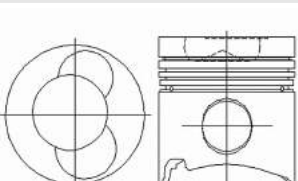
ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
PB 4 Cyl.	∅ 68 +4.5	2-2.0	∅ 20 TL 56 SP23		TL 125.0 OD 77.0 FT 8.5 FD 88.0	TIK NO. LKFF1K680100
	CD 37.5 TL 74	1-4.0				
	TIK NO. 1K680100	TIK NO. R1K680100	TIK NO. P1K680100	TIK NO. B1K680100	TIK NO. LNFF1K680100	
	REFERENCE NO. 0249-99-111 0259-23-200	REFERENCE NO. 0249-23-170A 0249-23-206 0259-23-170 0259-23-170A		REFERENCE NO. 0249-11-213	REFERENCE NO. 0249-10-311	
Surface Treatment 00						
B1 NEW 4 Cyl.	∅ 68 -5.2	1-1.2 1-1.5 1-3.0	∅ 19.985 TL 52		TL OD FT FD	TIK NO.
	CD 31.508 TL 63.7					
	TIK NO. 1K680200	TIK NO. R1K680200	TIK NO. P1K680200	TIK NO.	TIK NO.	
	REFERENCE NO. 13419P	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
1 Cyl.	∅ 60 +3	2-2.0 1-4.0	∅ 16 TL 52 SP19		TL OD FT FD	TIK NO.
	CD 33 TL 69					
	TIK NO. 1K600100	TIK NO. R1K600100	TIK NO. P1K600100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
MAZDA 2.0 4 Cyl.	∅ 87.5 -2.2	2-1.2 1-2.5	∅ 21 TL 60		TL OD FT FD	TIK NO.
	CD 28.5 TL 51					
	TIK NO. 2K875100	TIK NO. R2K875100	TIK NO. P2K875100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0W						

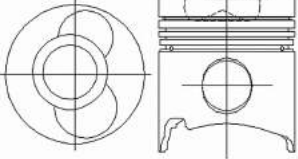
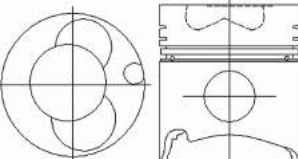
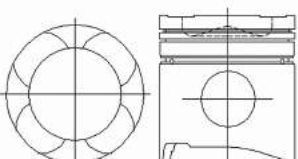
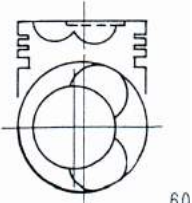
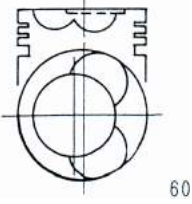


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
8DC11 8 Cyl.	∅ 142 -25 CD 88.5 TL 153	1-3.5DK 2-3.0 1-5.0	∅ 50 TL 112 R50		TL		TIK NO. LKPF1M142100 LKPF1M14210T
	TIK NO. 1M142100 1M14210T	TIK NO. R1M142100	TIK NO. P1M142100	TIK NO. B1M135100	TIK NO. LNPF1M142100		
Surface Treatment 0A	REFERENCE NO. ME090165	REFERENCE NO. 30617-50111 ME090586 ME999990		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME060439 ME060440 ME060441		
8DC11 NEW 8 Cyl.	∅ 142 -13 CD 88 TL 153.2	1-3.5DK 2-3.0 1-4.0	∅ 50 TL 112 R50		TL		TIK NO. LKPF1M142200 LKPF1M14220T
	TIK NO. 1M142200 1M14220T	TIK NO. R1M142100	TIK NO. P1M142200	TIK NO. B1M135100	TIK NO. LNPF1M142100		
Surface Treatment 0A	REFERENCE NO. ME091050 ME999990 ME090586	REFERENCE NO. 30617-50111 ME090586 ME999990		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME060439 ME060440 ME060441		
8DC10 OLD 8DC10 8 Cyl.	∅ 138 -24.7 CD 88.1 TL 153.1	1-3.5DK 2-3.0 1-6.0	∅ 50 TL 112 R50		TL		TIK NO. LKCF1M138100 LKCF1M13810T
	TIK NO. 1M138100 1M13810T	TIK NO. R1M138100	TIK NO. P1M138100	TIK NO. B1M135100	TIK NO. LNCF1M138100		
Surface Treatment 0A	REFERENCE NO. ME090146	REFERENCE NO. ME090582 ME997030		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME062783		
8DC10 NEW 8 Cyl.	∅ 138 -24.7 CD 88.1 TL 153.1	1-3.5DK 2-3.0 1-4.0	∅ 50 TL 112 R50		TL		TIK NO. LKCF1M138200 LKCF1M13820T
	TIK NO. 1M138200 1M13820T	TIK NO. R1M138100	TIK NO. P1M138200	TIK NO. B1M135100	TIK NO. LNCF1M138100		
Surface Treatment 0A	REFERENCE NO. ME090230	REFERENCE NO. ME090582 ME997030		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME062783		
8DC9 8 Cyl.	∅ 135 -26 CD 88 TL 153	1-3.3DK 2-3.0 1-6.0	∅ 50 TL 112 R50		TL		TIK NO. LKCF1M135100 LKCF1M13510T
	TIK NO. 1M135100 1M13510T	TIK NO. R1M135100	TIK NO. P1M135100	TIK NO. B1M135100	TIK NO. LNCF1M135100		
Surface Treatment 0A	REFERENCE NO. ME062408	REFERENCE NO. ME062018 ME062230		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME061782		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
8DC82 8 Cyl.	∅ 135 -24 CD 78.3 TL 142.3	1-3.5DK 1-3.0 1-6.0	∅ 45 TL 108 R45		TL OD FT FD	TIK NO. LKCF1M135200 LKCF1M13520T
	TIK NO. 1M135200 1M13520T	TIK NO. R1M135200	TIK NO. P1M135200	TIK NO. B1M130400	TIK NO. LNCF1M135200	
Surface Treatment 0A	REFERENCE NO. ME090132	REFERENCE NO. ME062022 ME062246 ME065684		REFERENCE NO. 31219-70600	REFERENCE NO. 31207-72183	
8DC81 8 Cyl.	∅ 135 -23.5 CD 78.3 TL 142.3	1-3.5DK 1-3.0 1-6.0	∅ 45 TL 108 R45		TL OD FT FD	TIK NO. LKCF1M135300 LKCF1M13530T
	TIK NO. 1M135300 1M13530T	TIK NO. R1M135200	TIK NO. P1M135300	TIK NO. B1M130400	TIK NO. LNCF1M135200	
Surface Treatment 0A	REFERENCE NO. ME090132 ME062422 ME090134	REFERENCE NO. ME062022 ME062246 ME065684		REFERENCE NO. 31219-70600	REFERENCE NO. 31207-72183	
8DC8 8 Cyl.	∅ 135 -23 CD 78 TL 142.8	1-4.0K 1-3.0 1-6.0	∅ 45 TL 108 R45		TL OD FT FD	TIK NO. LKCF1M135400 LKCF1M13540T
	TIK NO. 1M135400 1M13540T	TIK NO. R1M130400	TIK NO. P1M135400	TIK NO. B1M130400	TIK NO. LNCF1M135200	
Surface Treatment 0A	REFERENCE NO. ME062287	REFERENCE NO. 31217-60012 ME062086		REFERENCE NO. 31219-70600	REFERENCE NO. 31207-72183	
8DC91 8 Cyl.	∅ 135 -24.3 CD 88 TL 153	1-3.5K 2-3.0 1-6.0	∅ 50 TL 112 R50		TL OD FT FD	TIK NO. LKCF1M135500 LKCF1M13550T
	TIK NO. 1M135500 1M13550T	TIK NO. R1M135100	TIK NO. P1M135500	TIK NO. B1M135100	TIK NO. LNCF1M135100	
Surface Treatment 0A	REFERENCE NO. ME062336	REFERENCE NO. ME062018 ME062230		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME061782	
8DC92A 8 Cyl.	∅ 135 -24.2 CD 88 TL 153	1-3.3DK 2-3.0 1-4.0	∅ 50 TL 112 R50		TL OD FT FD	TIK NO. LKCF1M135600 LKCF1M13560T
	TIK NO. 1M135600 1M13560T	TIK NO. R1M135600	TIK NO. P1M135600	TIK NO. B1M135100	TIK NO. LNCF1M135100	
Surface Treatment 0A	REFERENCE NO. ME091048	REFERENCE NO. ME090578		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME061782	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
8DC91T 8 Cyl.	∅ 135 -25 CD 88 TL 153	1-3.3DK 2-3.0 1-4.0	∅ 50 TL 112 R50		TL OD FT FD	TIK NO. LKCF1M135700 LKCF1M13570T
	TIK NO. 1M135700 1M13570T	TIK NO. R1M135600	TIK NO. P1M135700	TIK NO. B1M135100	TIK NO. LNCF1M135100	
Surface Treatment 0A	REFERENCE NO. ME091419	REFERENCE NO. ME090578		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME061782	
8DC9A 8 Cyl.	∅ 135 -24.5 CD 88.3 TL 153.3	1-3.3DK 2-3.0 1-4.0	∅ 50 TL 112 R50		TL OD FT FD	TIK NO.
	TIK NO. 1M135800 1M13580T	TIK NO. R1M135800	TIK NO. P1M135800	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. ME093310	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
6D40 6 Cyl.	∅ 135 -20 CD 82.6 TL 157.5	1-3.5DK 1-3.0 1-4.0	∅ 55 TL 109 R55		TL OD FT FD	TIK NO.
	TIK NO. 1M135900 1M13590L 1M13590T 1M13590H	TIK NO. R1M135900	TIK NO. P1M135900	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. ME120553	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
8DC 8 Cyl.	∅ 130 -3.1 CD 80.5 TL 145.2	1-4.0K 2-3.0 1-6.0	∅ 45 TL 108 R45		TL OD FT FD	TIK NO.
	TIK NO. 1M130100 1M13010T	TIK NO. R1M130100	TIK NO. P1M130100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 31117-14103	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
6DC2 8DC2 8 Cyl.	∅ 130 -3.1 CD 80.5 TL 145.2	1-4.0K 1-3.0 1-6.0	∅ 45 TL 108 R45		TL OD FT FD	TIK NO. LKFF1M130200 LKFF1M13020T
	TIK NO. 1M130200 1M13020T	TIK NO. R1M130200	TIK NO. P1M130200	TIK NO. B1M130200	TIK NO. LNFF1M130200	
Surface Treatment 0A	REFERENCE NO. 31117-14182	REFERENCE NO. 31217-02010 ME062109 ME062117		REFERENCE NO. 31219-70600	REFERENCE NO. 31207-43401 31207-43402 31207-72503 31207-72603	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
6D22T 6 Cyl.	∅ 130 -21.4	1-3.3DK 1-3.0 1-6.0	∅ 50 TL 105 R50		TL		TIK NO. LKFF1M130300 LKFF1M13030T
	CD 83.1 TL 158				OD		
					FT		
					FD		
	TIK NO. 1M130300 1M13030T	TIK NO. R1M130300	TIK NO. P1M130300	TIK NO. B1M130300	TIK NO. LNFF1M130300		
REFERENCE NO. ME052811 ME052809 ME052115	REFERENCE NO. 30917-20010 ME052124 ME052787		REFERENCE NO. 30319-00600 30319-00690 ME052158 ME052159	REFERENCE NO. ME051217 ME051500 ME051501 ME051502			
Surface Treatment 0A							
8DC4 8 Cyl.	∅ 130 -21.2	1-3.3DK 1-3.0 1-6.0	∅ 45 TL 108 R45		TL		TIK NO. LKFF1M130400 LKFF1M13040T
	CD 80.5 TL 145.2				OD		
					FT		
					FD		
	TIK NO. 1M130400 1M13040T	TIK NO. R1M130400	TIK NO. P1M130400	TIK NO. B1M130200	TIK NO. LNFF1M130200		
REFERENCE NO. 31214-50105 31217-50105	REFERENCE NO. ME062298		REFERENCE NO. 31219-70600	REFERENCE NO. 31207-43401 31207-43402 31207-72503 31207-72603			
Surface Treatment 0A							
8DC7 8 Cyl.	∅ 130 -23.2	1-4.5K 1-3.0 1-6.0	∅ 45 TL 108 R45		TL		TIK NO.
	CD 78 TL 143				OD		
					FT		
					FD		
	TIK NO. 1M130500 1M13050T	TIK NO. R1M130500	TIK NO. P1M130500	TIK NO.	TIK NO.		
REFERENCE NO. MD329659	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0A							
6D22 6 Cyl.	∅ 130 -26	1-3.3DK 1-3.0 1-6.0	∅ 50 TL 105 R50		TL		TIK NO. LKFF1M130600 LKFF1M13060T
	CD 83.1 TL 158				OD		
					FT		
					FD		
	TIK NO. 1M130600 1M13060T	TIK NO. R1M130300	TIK NO. P1M130600	TIK NO. B1M125100	TIK NO. LNFF1M130300		
REFERENCE NO. ME052902	REFERENCE NO. 30917-20010 ME052124 ME052787		REFERENCE NO. 30319-00600 30319-00690 ME052158 ME052159	REFERENCE NO. ME051217 ME051500 ME051501 ME051502			
Surface Treatment 0A							
8DC2M 8 Cyl.	∅ 130 -11.5	1-4.0K 1-3.0 1-6.0	∅ 45 TL 108 R45		TL		TIK NO. LKFF1M130700 LKFF1M13070T
	CD 80.3 TL 145				OD		
					FT		
					FD		
	TIK NO. 1M130700 1M13070T	TIK NO. R1M130200	TIK NO. P1M130700	TIK NO. B1M130200	TIK NO. LNFF1M130200		
REFERENCE NO. 31217-77101 13217-77101	REFERENCE NO. 31217-02010 ME062109 ME062117		REFERENCE NO. 31219-70600	REFERENCE NO. 31207-43401 31207-43402 31207-72503 31207-72603			
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
6D22-3AT 6 Cyl.	∅ 130 -23.8	1-3.3DK 1-3.0 1-4.0	∅ 50 TL 106 R50		TL OD FT FD		TIK NO. LKFF1M130800 LKFF1M13080L LKFF1M13080T LKFF1M13080H
	CD 83.2 TL 158.2						
	TIK NO. 1M130800 1M13080L 1M13080T 1M13080H	TIK NO. R1M130800	TIK NO. P1M130800	TIK NO. B1M125100	TIK NO. LNFF1M130300		
	REFERENCE NO. ME052792	REFERENCE NO. ME052889 ME052893 ME151190		REFERENCE NO. 30319-00600 30319-00690 ME052158 ME052159	REFERENCE NO. ME051217 ME051500 ME051501 ME051502		
Surface Treatment 0A							
6D20 6 Cyl.	∅ 125 -23.4	1-3.3DK 1-3.0 1-6.0	∅ 50 TL 101 R50		TL OD FT FD		TIK NO. LKFF1M125100 LKFF1M12510T
	CD 83 TL 155.5						
	TIK NO. 1M125100 1M12510T	TIK NO. R1M125100	TIK NO. P1M125100	TIK NO. B1M125100	TIK NO. LNFF1M125100		
	REFERENCE NO. 30917-10103 30917-10101	REFERENCE NO. ME052145		REFERENCE NO. 30319-00600 30319-00690 ME052158 ME052159	REFERENCE NO. 30907-10500 ME051157 ME051553 ME051554		
Surface Treatment 0A							
6DS1T 6 Cyl.	∅ 120 -25	1-3.5 1-2.5 1-5.0	∅ 43 TL 90		TL OD FT FD		TIK NO.
	CD 75 TL 117						
	TIK NO. 1M120300	TIK NO. R1M120300	TIK NO. P1M120300	TIK NO.	TIK NO.		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0A							
4M51 4 Cyl.	∅ 118 -23.3	1-3.0 1-2.0 1-3.0	∅ 34 TL 84 R34		TL OD FT FD	190.0 122.0 5.0 127.0	TIK NO.
	CD 59.2 TL 99.2						
	TIK NO. 1M118010 1M11801T 1M11801A	TIK NO. R1M118010	TIK NO. P1M118010	TIK NO. B1M100100	TIK NO. LNSN1M118010		
	REFERENCE NO.	REFERENCE NO. ME995113 ME995114 ME995115		REFERENCE NO. ME012203 ME012249 ME012255 ME012257	REFERENCE NO.		
Surface Treatment 0A							
6D16 6 Cyl.	∅ 118 -22	1-3.0 1-2.5 1-4.0	∅ 38 TL 92 R38		TL OD FT FD		TIK NO. LKPF1M118100 LKPF1M11810T
	CD 71 TL 116.1						
	TIK NO. 1M118100 1M11810T	TIK NO. R1M118100	TIK NO. P1M118100	TIK NO. B1M113400	TIK NO. LNPF1M118100		
	REFERENCE NO. ME072000	REFERENCE NO. ME999540 ME999955		REFERENCE NO. ME072128	REFERENCE NO. ME071224 ME071225 ME071226 ME071227		
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
6D16T 6 Cyl.	∅ 118 -22	1-3.1 1-2.5 1-4.0	∅ 38 TL 92 R38		TL		TIK NO. LKPF1M118200 LKPF1M11820T
	CD 71.1 TL 116.1				OD		
					FT		
					FD		
	TIK NO. 1M118200 1M11820T	TIK NO. R1M118100	TIK NO. P1M118200	TIK NO. B1M118200	TIK NO. LNPF1M118100		
REFERENCE NO. ME072062	REFERENCE NO. ME999540 ME999955		REFERENCE NO. ME035380 ME035381 ME072126	REFERENCE NO. ME071224 ME071225 ME071226 ME071227			
Surface Treatment 0A							
6D16C 6 Cyl.	∅ 118 -23	1-3.0DK 1-2.5 1-4.0	∅ 38 TL 92 R38		TL		TIK NO. LKPF1M118300 LKPF1M11830T
	CD 71.1 TL 116.1				OD		
					FT		
					FD		
	TIK NO. 1M118300 1M11830T	TIK NO. R1M118300	TIK NO. P1M118300	TIK NO. B1M113400	TIK NO. LNPF1M118300		
REFERENCE NO. ME072065	REFERENCE NO. ME996591 ME997467 ME997999 ME999549		REFERENCE NO. ME072128	REFERENCE NO. ME041102 ME041105 ME041107			
Surface Treatment 0A							
6D16D 6 Cyl.	∅ 118 -21	1-3.0 1-2.5 1-4.0	∅ 38 TL 92 R38		TL		TIK NO.
	CD 71.3 TL 116				OD		
					FT		
					FD		
	TIK NO. 1M118400 1M11840T	TIK NO. R1M118400	TIK NO. P1M118400	TIK NO.	TIK NO.		
REFERENCE NO. ME07206/1680	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0A							
6D17 6 Cyl.	∅ 118 -7.7	1-3.0 1-2.5 1-4.0	∅ 38 TL 93 R38		TL	209.0	TIK NO. LKPF1M118500 LKPF1M11850T
	CD 66.1 TL 111.1				OD	122.0	
					FT	8.0	
					FD	128.0	
	TIK NO. 1M118500 1M11850T	TIK NO. R1M118100	TIK NO. P1M118500	TIK NO. B1M113400	TIK NO. LNPF1M118500		
REFERENCE NO. ME072394 ME072576	REFERENCE NO. ME999540 ME999955		REFERENCE NO. ME072128	REFERENCE NO. ME071125 ME071537 ME071538 ME071543			
Surface Treatment 0A							
6D16E 6 Cyl.	∅ 118 -22.5	1-3.0DK 1-2.5 1-4.0	∅ 38 TL 93 R38		TL		TIK NO.
	CD 71.1 TL 116.1				OD		
					FT		
					FD		
	TIK NO. 1M118600 1M11860L 1M11860T 1M11860H	TIK NO. R1M118600	TIK NO. P1M118600	TIK NO.	TIK NO.		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
6D15 6 Cyl.	∅ 113 -22	1-3.0K 1-2.5 1-5.0	∅ 38 TL 90 R38		TL		TIK NO. LKFF1M113100 LKFF1M11310T
	CD 70.8 TL 115.8				OD		
					FT		
					FD		
	TIK NO. 1M113100 1M11310T	TIK NO. R1M113100	TIK NO. P1M113100	TIK NO. B1M105100	TIK NO. LNFF1M113100		
REFERENCE NO. ME032480	REFERENCE NO. ME032403 ME072306		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031654 ME031656 ME071041 ME071063			
Surface Treatment 0A							
6D15T 6 Cyl.	∅ 113 -23	1-3.0K 1-2.5 1-5.0	∅ 38 TL 90 R38		TL		TIK NO. LKFF1M113200 LKFF1M11320T
	CD 71 TL 116.2				OD		
					FT		
					FD		
	TIK NO. 1M113200 1M11320T	TIK NO. R1M113100	TIK NO. P1M113200	TIK NO. B1M105100	TIK NO. LNFF1M113200		
REFERENCE NO. ME032870 ME032871	REFERENCE NO. ME032403 ME072306		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME071062 ME071063 ME071064			
Surface Treatment 0A							
6D15A 6 Cyl.	∅ 113 -21.2	1-3.0K 1-2.5 1-5.0	∅ 38 TL 90 SP42		TL		TIK NO. LKFF1M113300 LKFF1M11330T
	CD 71.2 TL 116.2				OD		
					FT		
					FD		
	TIK NO. 1M113300 1M11330T	TIK NO. R1M113100	TIK NO. P1M113300	TIK NO. B1M105100	TIK NO. LNFF1M113100		
REFERENCE NO. ME033934 ME072033 ME072035	REFERENCE NO. ME032403 ME072306		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031654 ME031656 ME071041 ME071063			
Surface Treatment 0A							
6D15-3AT 6 Cyl.	∅ 113 -21.4	1-2.8DK 1-2.5 1-4.0	∅ 38 TL 92		TL		TIK NO. LKPF1M113400
	CD 71.1 TL 116.1				OD		
					FT		
					FD		
	TIK NO. 1M113400	TIK NO. R1M113400	TIK NO. P1M113400	TIK NO. B1M113400	TIK NO. LNPF1M113400		
REFERENCE NO. ME072055	REFERENCE NO. ME997456 ME997466 ME999929 ME999954		REFERENCE NO. ME072128	REFERENCE NO. ME047574 ME071086/7/8/9 ME071090/1/2 ME071145			
Surface Treatment 021							
6DB-NEW 6 Cyl.	∅ 110 -2.7	1-3.5 2-2.5 1-5.0	∅ 40 TL 95 R40		TL	209.0	TIK NO. LKFF1M1101A0 LKFF1M1101AT
	CD 77.5 TL 152.5				OD	122.0	
					FT	8.0	
					FD	128.0	
	TIK NO. 1M1101A0 1M1101AT	TIK NO. R1M1101A0	TIK NO. P1M1101A0	TIK NO. B1M1101A0	TIK NO. LNFF1M1101A0		
REFERENCE NO. 30017-82101 30017-90100	REFERENCE NO. 30017-71002 30017-71003 30017-73002 30017-75002		REFERENCE NO. 30019-20601	REFERENCE NO. 30007-62200 ME040040			
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6DB-OLD 6 Cyl.	∅ 110 -2.7 CD 77.5 TL 139.5	1-3.5 2-2.5 1-5.0	∅ 40 TL 95 R40		TL OD FT FD	TIK NO.
	TIK NO. 1M1101B0 1M1101BT	TIK NO. R1M1101B0	TIK NO. P1M1101B0	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 30017-70100	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
6D14 6 Cyl.	∅ 110 -21.1 CD 71 TL 116	1-3.0K 1-2.5 1-5.0	∅ 38 TL 90 R38		TL OD FT FD	TIK NO. LKFF1M110200 LKFF1M11020T
	TIK NO. 1M110200 1M11020T	TIK NO. R1M110200	TIK NO. P1M110200	TIK NO. B1M105100	TIK NO. LNFF1M110200	
Surface Treatment 0A	REFERENCE NO. ME032165 ME072724 ME072022	REFERENCE NO. ME032071 ME032260 ME032404 ME032458		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031453 ME031463 ME031508 ME031510	
DB31 6 Cyl.	∅ 110 -14.8 CD 90.2 TL 160	1-5.0DK 1-4.2 1-4.0 2-5.0	∅ 40 TL 95 R40		TL OD FT FD	TIK NO.
	TIK NO. 1M110300 1M11030T	TIK NO. R1M110300	TIK NO. P1M110300	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
6D14T 6 Cyl.	∅ 110 -20.5 CD 70.8 TL 115.8	1-3.0K 1-2.5 1-5.0	∅ 38 TL 90 R38		TL OD FT FD	TIK NO. LKFF1M110400 LKFF1M11040T
	TIK NO. 1M110400 1M11040T	TIK NO. R1M110200	TIK NO. P1M110400	TIK NO. B1M105100	TIK NO. LNFF1M110200	
Surface Treatment 0A	REFERENCE NO. ME032744 ME032743 ME032744	REFERENCE NO. ME032071 ME032260 ME032404 ME032458		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031453 ME031463 ME031508 ME031510	
6D14-1A 6 Cyl.	∅ 110 -21 CD 71.1 TL 116.2	1-3.0K 1-2.5 1-5.0	∅ 38 TL 90 R38		TL OD FT FD	TIK NO. LKFF1M110500 LKFF1M11050T
	TIK NO. 1M110500 1M11050T	TIK NO. R1M110200	TIK NO. P1M110500	TIK NO. B1M105100	TIK NO. LNFF1M110200	
Surface Treatment 0A	REFERENCE NO. ME032656 ME032654 ME033916	REFERENCE NO. ME032071 ME032260 ME032404 ME032458		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031453 ME031463 ME031508 ME031510	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4D35 4 Cyl.	∅ 110 -21.7	1-3.0 1-2.5 1-4.0	∅ 36 TL 88.5 R36		TL 205.0 OD 114.0 FT 5.0 FD 119.0	TIK NO. LKSN1M110700 LKSN1M11070L LKSN1M11070T LKSN1M11070H
	CD 59.7 TL 109.7					
	TIK NO. 1M110700 1M11070L 1M11070T 1M11070H	TIK NO. R1M110700	TIK NO. P1M110700	TIK NO.	TIK NO. LNSN1M110700	
	REFERENCE NO. ME012941 ME014693 ME018825	REFERENCE NO. ME995214		REFERENCE NO. ME013075	REFERENCE NO. ME013678	
Surface Treatment 0A						
6D14/A 6 Cyl.	∅ 110 -21	1-3.05K 1-2.5 1-5.0	∅ 38 TL 90 R38		TL OD FT FD	TIK NO. LKFF1M110800 LKFF1M11080T
	CD 70.8 TL 115.8					
	TIK NO. 1M110800 1M11080T	TIK NO. R1M110200	TIK NO. P1M110800	TIK NO. B1M105100	TIK NO. LNFF1M110200	
	REFERENCE NO. ME032216 ME033298 ME032619 ME032621	REFERENCE NO. ME032071 ME032260 ME032404 ME032458		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031453 ME031463 ME031508 ME031510	
Surface Treatment 00						
4D33B 4 Cyl.	∅ 108 -20.8	1-3.0 1-2.0 1-4.0	∅ 34 TL 84 R34		TL OD FT FD	TIK NO.
	CD 62.2 TL 112.2					
	TIK NO. 1M108010 1M10801T	TIK NO. R1M108010	TIK NO. P1M108010	TIK NO.	TIK NO.	
	REFERENCE NO. ME014287 ME013487	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
4D33 4 Cyl.	∅ 108 -21	1-3.0 1-2.0 1-4.0	∅ 34 TL 84 R34		TL 205.0 OD 112.0 FT 5.0 FD 117.0	TIK NO. LKSN1M108100 LKSN1M10810T
	CD 62.2 TL 112.2					
	TIK NO. 1M108100 1M10810T	TIK NO. R1M108100	TIK NO. P1M108100	TIK NO. B1M104100	TIK NO. LNSN1M108100	
	REFERENCE NO. ME013312 ME012897	REFERENCE NO. ME996378 ME999871		REFERENCE NO. ME012234	REFERENCE NO. ME013333	
Surface Treatment 0A						
6D11 6 Cyl.	∅ 105 -10	1-3.0K 1-2.0 1-5.0	∅ 38 TL 90 R38		TL OD FT FD	TIK NO. LKFF1M105100 LKFF1M10510T
	CD 70.7 TL 130.6					
	TIK NO. 1M105100 1M10510T	TIK NO. R1M105100	TIK NO. P1M105100	TIK NO. B1M105100	TIK NO. LNFF1M105100	
	REFERENCE NO. ME032301 ME032300 ME032194	REFERENCE NO. ME032190 ME032326		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031505	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
4D34 4 Cyl.	∅ 104 -20.8	1-3.0DK 1-2.0 1-4.0	∅ 34 TL 84 R34		TL 200.0 OD 108.0 FT 4.0 FD 113.0		TIK NO. LKSN1M104100 LKSN1M10410T
	CD 62.1 TL 112.1						
	TIK NO. 1M104100 1M10410T	TIK NO. R1M104100	TIK NO. P1M104100	TIK NO. B1M104100	TIK NO. LNSN1M104100		
	REFERENCE NO. ME012928 ME012901	REFERENCE NO. ME996566 ME997240		REFERENCE NO. ME012234	REFERENCE NO. ME013366		
Surface Treatment 0A							
4D34T 4 Cyl.	∅ 104 -20	1-3.0DK 1-2.0 1-4.0	∅ 36 TL 86 R36		TL 200.0 OD 108.0 FT 4.0 FD 113.0		TIK NO. LKSN1M104200 LKSN1M10420T
	CD 62 TL 112						
	TIK NO. 1M104200 1M10420T	TIK NO. R1M104100	TIK NO. P1M104200	TIK NO. B1M104200	TIK NO. LNSN1M104100		
	REFERENCE NO. ME013325	REFERENCE NO. ME996566 ME997240		REFERENCE NO. ME013075	REFERENCE NO. ME013366		
Surface Treatment 0A							
4D32 4 Cyl.	∅ 104 -18.8	1-3.0K 1-2.0 1-4.0	∅ 34 TL 84 R34		TL 197.0 OD 108.0 FT 4.0 FD 113.0		TIK NO. LKSN1M104300 LKSN1M10430T
	CD 60.8 TL 110.8						
	TIK NO. 1M104300 1M10430T	TIK NO. R1M104300	TIK NO. P1M104300	TIK NO. B1M100100	TIK NO. LNSN1M104300		
	REFERENCE NO. ME012174	REFERENCE NO. ME997318 ME999243 ME999641		REFERENCE NO. ME012203 ME012249 ME012255 ME012257	REFERENCE NO. ME012900		
Surface Treatment 0A							
4D32 NEW 4 Cyl.	∅ 104 -20.7	1-2.8DK 1-2.0 1-4.0	∅ 34 TL 84 R34		TL 197.0 OD 108.0 FT 4.0 FD 113.0		TIK NO. LKSN1M104500 LKSN1M10450T
	CD 62.3 TL 112.3						
	TIK NO. 1M104500 1M10450T	TIK NO. R1M104100	TIK NO. P1M104500	TIK NO. B1M104100	TIK NO. LNSN1M104300		
	REFERENCE NO. ME018277	REFERENCE NO. ME996566 ME997240		REFERENCE NO. ME012234	REFERENCE NO. ME012900		
Surface Treatment 0A							
6D34 6 Cyl.	∅ 104 -20.6	1-3.0DK 1-2.0 1-4.0	∅ 36 TL 88 R36		TL 200.0 OD 108.0 FT 4.0 FD 113.0		TIK NO. LKSN1M104600 LKSN1M10460T
	CD 62.2 TL 112.2						
	TIK NO. 1M104600 1M10460T	TIK NO. R1M104600	TIK NO. P1M104600	TIK NO. B1M104600	TIK NO. LNSN1M104600		
	REFERENCE NO. ME014160	REFERENCE NO. ME996442		REFERENCE NO.	REFERENCE NO. ME012900 ME013366		
Surface Treatment 0A							

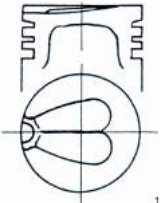
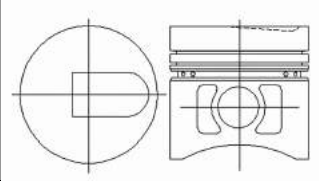
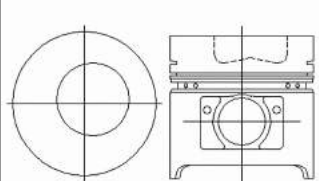
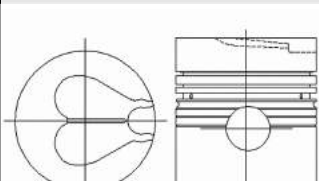
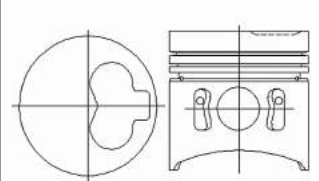


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
4D34T/A 4 Cyl.	Ø 104	1-3.0DK	Ø 36		TL	200.0	TIK NO. LKSN1M104700 LKSN1M10470L LKSN1M10470T LKSN1M10470H
	-11.6	1-2.0	TL 88		OD	108.0	
	CD 62.2	1-4.0	R36		FT	4.0	
	TL 112.2				FD	113.0	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M104700 1M10470L 1M10470T 1M10470H	R1M104100	P1M104700	B1M104200	LNSN1M104100		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
	ME220470 ME011143	ME996566 ME997240		ME013075	ME013366		
Surface Treatment							
0A							
4D34/B 4 Cyl.	Ø 104	1-3.2DK	Ø 34		TL		TIK NO.
	-20.6	1-2.0	TL 84		OD		
	CD 62.2	1-4.0	R34		FT		
	TL 111.9				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M104800 1M10480T	R1M104800	P1M104800				
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment							
0A							
4D36 4 Cyl.	Ø 104	1-3.0DK	Ø 34		TL	197.0	TIK NO. LKSN1M104900 LKSN1M10490T
	-4.6	1-2.0	TL 84		OD	108.0	
	CD 60.6	1-4.0	R34		FT	4.0	
	TL 110.6				FD	113.0	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M104900 1M10490T	R1M104100	P1M104900	B1M104200	LNSN1M104300		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
	ME018283	ME996566 ME997240		ME013075	ME012900		
Surface Treatment							
0A							
S6KT 6 Cyl.	Ø 102	1-3.2K	Ø 34		TL		TIK NO. LKSN1M102010 LKSN1M10201T
	-17.5	1-2.1K	TL 84		OD		
	CD 57.7	1-4.0	R34		FT		
	TL 97.6				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M102010 1M10201T	R1M102010	P1M102010	B1M102010	LNSN1M102010		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
	34317-21100	34317-19010		34319-10500	34307-00500 34307-00501		
Surface Treatment							
0A							
4D31 4 Cyl.	Ø 100	1-3.0K	Ø 34		TL	191.5	TIK NO. LKSN1M100100 LKSN1M10010T
	-18	1-2.0	TL 84		OD	104.0	
	CD 60.7	1-5.0	R34		FT	5.0	
	TL 110.7				FD	109.0	
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M100100 1M10010T	R1M100100	P1M100100	B1M100100	LNSN1M100100		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
	ME012131 ME012145	ME012010 ME012070			ME011523 ME011604		
Surface Treatment							
0A							

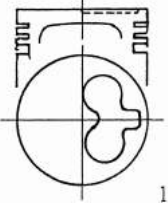
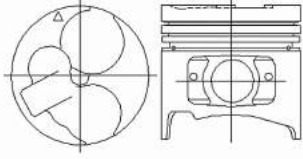
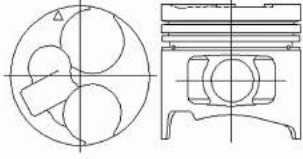
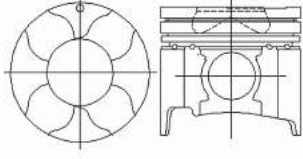


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
4D30 4 Cyl.	∅ 100 -3	1-3.0K 1-2.0 1-5.0	∅ 34 TL 84 R34		TL 197.0 OD 104.0 FT 5.0 FD 109.0		TIK NO. LKSN1M1002B0 LKSN1M1002BT
	CD 60.5 TL 110.5						
	TIK NO. 1M1002B0 1M1002BT	TIK NO. R1M100100	TIK NO. P1M1002B0	TIK NO. B1M100100	TIK NO. LNSN1M1002B0		
	REFERENCE NO. ME012065 ME012115 ME012051	REFERENCE NO. ME012010 ME012070		REFERENCE NO. ME012203 ME012249 ME012255 ME012257	REFERENCE NO. ME011513		
Surface Treatment 0A							
4D30 4 Cyl.	∅ 100 -3	1-3.0K 1-2.0 1-5.0	∅ 34 TL 84 R34		TL 197.0 OD 104.0 FT 5.0 FD 109.0		TIK NO. LKSN1M1002C0 LKSN1M1002CT
	CD 60.5 TL 110.5						
	TIK NO. 1M1002C0 1M1002CT	TIK NO. R1M100100	TIK NO. P1M1002C0	TIK NO. B1M100100	TIK NO. LNSN1M1002B0		
	REFERENCE NO. ME012100 ME012051	REFERENCE NO. ME012010 ME012070		REFERENCE NO. ME012203 ME012249 ME012255 ME012257	REFERENCE NO. ME011513		
Surface Treatment 0A							
6D31T 6 Cyl.	∅ 100 -17.3	1-3.0K 1-2.0 1-4.0	∅ 34 TL 83 R34		TL 191.0 OD 104.0 FT 5.0 FD 109.0		TIK NO. LKSN1M100400 LKSN1M10040T
	CD 60.7 TL 110.5						
	TIK NO. 1M100400 1M10040T	TIK NO. R1M100400	TIK NO. P1M100400	TIK NO. B1M100400	TIK NO. LNSN1M100400		
	REFERENCE NO. ME012858	REFERENCE NO. ME997458 ME999836		REFERENCE NO. ME012257	REFERENCE NO. ME011626		
Surface Treatment 0A							
4M41T 4 Cyl.	∅ 98.5 -20.4	1-2.5DK 1-1.5 1-3.0	∅ 32 TL 80 R32		TL 170.5 OD 102.5 FT 4.0 FD 105.5		TIK NO. LKSN1M985100 LKSN1M98510L LKSN1M98510T LKSN1M98510H
	CD 47 TL 87						
	TIK NO. 1M985100 1M98510L 1M98510T 1M98510H	TIK NO. R1M985100	TIK NO. P1M985100	TIK NO. B1M950600	TIK NO. LNSN1M985100		
	REFERENCE NO. ME191470 ME191469	REFERENCE NO. ME203533		REFERENCE NO. ME203868	REFERENCE NO.		
Surface Treatment 0J							
6DS7 6 Cyl.	∅ 98 -10	1-3.0K 1-2.0 1-5.0	∅ 32 TL 82 R32		TL OD FT FD		TIK NO. LKFF1M980100 LKFF1M98010T
	CD 60.7 TL 105.4						
	TIK NO. 1M980100 1M98010T	TIK NO. R1M980100	TIK NO. P1M980100	TIK NO. B1M980100	TIK NO. LNFF1M980100		
	REFERENCE NO. ME023274	REFERENCE NO. ME021861 ME023333 ME024409		REFERENCE NO. ME020448 ME020449	REFERENCE NO. ME029081 ME029187		
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
6DS5 6 Cyl.	∅ 98 -8.3	1-3.0 2-2.0 1-5.0	∅ 32 TL 82 R32		TL		TIK NO.
	CD 60.3 TL 105.5				OD		
					FT		
					FD		
 128 Surface Treatment 0A	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M980200	R1M980200	P1M980200				
	REFERENCE NO. ME023272/02	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
S4E2 4 Cyl.	∅ 98 -3.5	1-3.0K 1-2.0 1-5.0	∅ 28 TL 77 R28		TL	170.0	TIK NO.
	CD 51.6 TL 91.1				OD	101.0	LKSN1M980300
					FT	4.0	LKSN1M98030T
					FD	103.0	
 Surface Treatment 0A	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M980300 1M98030T	R1M980300	P1M980300	B1M980300	LNSN1M980300		
	REFERENCE NO. 34417-54100	REFERENCE NO. 34417-09012		REFERENCE NO.	REFERENCE NO. 34407-00500 34407-05400		
S4E3 4 Cyl.	∅ 98 -18.3	1-3.0K 1-2.0 1-5.0	∅ 32 TL 78 R32		TL		TIK NO.
	CD 57.8 TL 96.5				OD		
					FT		
					FD		
 Surface Treatment 00	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M980400 1M98040T	R1M980400	P1M980400				
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
6DS3 6 Cyl.	∅ 95 -10	1-3.0K 1-2.0 1-4.5	∅ 32 TL 82 R32		TL		TIK NO.
	CD 60.8 TL 105.4				OD		
					FT		
					FD		
 Surface Treatment 0A	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M950100	R1M950100	P1M950100				
	REFERENCE NO. ME023267-02	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
4DR7 4 Cyl.	∅ 95 -2.3	1-2.5DK 1-2.0 1-4.0	∅ 30 TL 78 R30		TL		TIK NO.
	CD 52.65 TL 94.65				OD		LKSN1M950200
					FT		
					FD		
 Surface Treatment 0A	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1M950200	R1M950200	P1M950200	B1M950200	LNSN1M950200		
	REFERENCE NO. ME021861	REFERENCE NO. ME201522 ME202342 ME202380 ME202950		REFERENCE NO. ME201016	REFERENCE NO. ME997798		



ENGINE TYPE	PISTON		PISTON RING	PISTON PIN		PIN BUSHING	LINER		LINER KIT SET
4DR7R 4 Cyl.  145 Surface Treatment 0A	∅	95	1-2.5K	∅	30		TL		TIK NO.
		-2	1-2.5	TL	78		OD		
	CD	52.6	1-4.5		R30		FT		
	TL	94.5					FD		
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.	
	1M950300		R1M950300		P1M950300				
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4M40 4 Cyl.  Surface Treatment 0G	∅	95	1-2.4DK	∅	30		TL	186.0	TIK NO. LKSN1M950400 LKSN1M95040T
		-3.4	1-2.0	TL	78		OD	99.0	
	CD	51.67	1-4.0		R30		FT	2.5	
	TL	91.65					FD	104.6	
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.	
	1M950400 1M95040T		R1M950200		P1M950400		B1M950200	LNSN1M950400	
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	ME201781 ME201780 ME200681 ME200682		ME201522 ME202342 ME202380 ME202950		ME201016		MD168963 ME200685 ME999919		
4M40T 4 Cyl.  Surface Treatment 0G	∅	95	1-2.5DK	∅	30		TL	186.0	TIK NO. LKSN1M950500 LKSN1M95050L LKSN1M95050T LKSN1M95050H
		-3	1-2.0	TL	78		OD	99.0	
	CD	51.6	1-4.0		R30		FT	2.5	
	TL	91.7					FD	104.6	
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.	
	1M950500 1M95050L 1M95050T 1M95050H		R1M950200		P1M950500		B1M950200	LNSN1M950400	
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	ME200689		ME201522 ME202342 ME202380 ME202950		ME201016		MD168963 ME200685 ME999919		
4M42T 4 Cyl.  Surface Treatment 0U	∅	95	1-2.5DK	∅	32		TL	186.0	TIK NO. LKSN1M950600 LKSN1M95060L LKSN1M95060T LKSN1M95060H
		-18.1	1-2.0	TL	80		OD	99.0	
	CD	47	1-3.0		R32		FT	2.5	
	TL	87					FD	104.6	
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.	
	1M950600 1M95060L 1M95060T 1M95060H		R1M950600		P1M950600		B1M950600	LNSN1M950400	
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	ME190906		ME190317 ME202148		ME203868		MD168963 ME200685 ME999919		
6G75 6 Cyl.  Surface Treatment 0I	∅	95	2-1.2	∅	22		TL		TIK NO.
		-1.5	1-2.0	TL	58		OD		
	CD	29.1			SP25		FT		
	TL	56.7					FD		
	TIK NO.		TIK NO.	TIK NO.		TIK NO.		TIK NO.	
	1M950700		R1M950700		P1M950700			LNSN1M950700	
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	MN183040		MN176859 MN183867						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6G75S 4 Cyl.	Ø 95 -2.1	2-1.2	Ø 22 TL 58		TL OD FT FD	TIK NO.
	CD 29.1 TL 56.6	1-2.0	SP25			
	TIK NO. 1M950800	TIK NO. R1M950800	TIK NO. P1M950800	TIK NO.	TIK NO.	
	REFERENCE NO. 1110B460	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0W						
S4E 4 Cyl.	Ø 94 -3.5	1-2.5K 1-2.0 1-4.5	Ø 28 TL 77		TL OD FT FD	TIK NO. LKSN1M940100 LKSN1M94010T
	CD 51.5 TL 90		R28			
	TIK NO. 1M940100 1M94010T	TIK NO. R1M920100	TIK NO. P1M940100	TIK NO. B1M920100	TIK NO. LNSN1M940100	
	REFERENCE NO. 34417-04100 34417-04101	REFERENCE NO. 34417-11011 34417-02012		REFERENCE NO. 31619-00700 31619-00792	REFERENCE NO. 34407-00301	
Surface Treatment 0A						
S4E6 4 Cyl.	Ø 94 -4	1-2.5K 1-2.0 1-4.5	Ø 30 TL 76		TL 185.0 OD 98.0 FT 4.0 FD 101.9	TIK NO. LKSN1M940200 LKSN1M94020T
	CD 55 TL 90		R30			
	TIK NO. 1M940200 1M94020T	TIK NO. R1M920100	TIK NO. P1M940200	TIK NO. B1M940200	TIK NO. LNSN1M940200	
	REFERENCE NO. 32A17-00100	REFERENCE NO. 34417-11011 34417-02012		REFERENCE NO.	REFERENCE NO. 32A07-00300	
Surface Treatment 0A						
SD4E 4 Cyl.	Ø 94 -3.6	1-2.5K 1-2.0 1-4	Ø 28 TL 77		TL OD FT FD	TIK NO. LKSN1M940300 LKSN1M94030T
	CD 51.5 TL 98.4		R28			
	TIK NO. 1M940300 1M94030T	TIK NO. R1M920100	TIK NO. P1M940300	TIK NO. B1M920100	TIK NO. LNSN1M940100	
	REFERENCE NO. 34417-10200 34417-20101	REFERENCE NO. 34417-11011 34417-02012		REFERENCE NO. 31619-00700 31619-00792	REFERENCE NO. 34407-00301	
Surface Treatment 00						
S4E6 NEW 4 Cyl.	Ø 94 -3.2	1-2.0K 1-2.0 1-3.0	Ø 30 TL 72.5		TL OD FT FD	TIK NO.
	CD 59.7 TL 103.7		R30			
	TIK NO. 1M940400	TIK NO. R1M940400	TIK NO. P1M940400	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6G74 6 Cyl.	∅ 93 -3.2	2-1.5	∅ 22 TL 64		TL 195.0 OD 97.0 FT FD	TIK NO.
	CD 32 TL 66	1-3.0	R22			
	TIK NO. 1M930100	TIK NO. R1M930100	TIK NO. P1M930100	TIK NO.	TIK NO. LNSN1M930100	
	REFERENCE NO. MD308276	REFERENCE NO. MD300569 MD322783 MD369575		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
6G74 6 Cyl.	∅ 93 -4.6	2-1.5	∅ 22 TL 64		TL 195.0 OD 97.0 FT FD	TIK NO.
	CD 30.3 TL 64.3	1-3.0	R22			
	TIK NO. 1M930200	TIK NO. R1M930100	TIK NO. P1M930200	TIK NO.	TIK NO. LNSN1M930100	
	REFERENCE NO. MD332016	REFERENCE NO. MD300569 MD322783 MD369575		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						
6G74/A 6 Cyl.	∅ 93 -6.1	2-1.5	∅ 22 TL 64		TL 195.0 OD 97.0 FT FD	TIK NO.
	CD 31 TL 64.9	1-3.0	R22			
	TIK NO. 1M930300	TIK NO. R1M930100	TIK NO. P1M930300	TIK NO.	TIK NO. LNSN1M930100	
	REFERENCE NO. MD334469	REFERENCE NO. MD300569 MD322783 MD369575		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 04						
4DR5 4 Cyl.	∅ 92 -3	1-2.5K 2-2.0 1-4.5	∅ 28 TL 77		TL OD FT FD	TIK NO. LKSN1M920100 LKSN1M92010T
	CD 52.5 TL 99.5		R28			
	TIK NO. 1M920100 1M92010T	TIK NO. R1M920100	TIK NO. P1M920100	TIK NO. B1M920100	TIK NO. LNSN1M920100	
	REFERENCE NO. 31617-00106 31617-00104	REFERENCE NO. 31717-12012 31717-12013 31617-05102 31617-05103		REFERENCE NO.	REFERENCE NO. 31607-02202	
Surface Treatment 0A						
4DR51 4 Cyl.	∅ 92 -3.5	1-2.5K 2-2.0 1-4.5	∅ 28 TL 77		TL OD FT FD	TIK NO. LKSN1M920200 LKSN1M92020T
	CD 52.7 TL 99.7		R28			
	TIK NO. 1M920200 1M92020T	TIK NO. R1M920100	TIK NO. P1M920200	TIK NO. B1M920100	TIK NO. LNSN1M920100	
	REFERENCE NO. ME002044	REFERENCE NO. 31717-12012 31717-12013 31617-05102 31617-05103		REFERENCE NO. 31619-00700 31619-00792	REFERENCE NO. 31607-02202	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4D55 NEW 4 Cyl.	Ø 91.1 -3.0	1-2.6 1-2.0 1-4.0	Ø 29 TL 74 R29		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN1M911010 LKSN1M91101T
	CD 48.7 TL 88.7					
	TIK NO. 1M911010 1M91101T	TIK NO. R1M911010	TIK NO. P1M911010	TIK NO. B1M911010	TIK NO. LNSN1M911010	
	REFERENCE NO. MD304835	REFERENCE NO. MD050395		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648	
Surface Treatment 0A						
4G54E 4 Cyl.	Ø 91.1 -3.1	2-1.5 1-4.0	Ø 22 TL 75		TL OD FT FD	TIK NO.
	CD 35.5 TL 77					
	TIK NO. 1M911020	TIK NO. R1M911020	TIK NO. P1M911020	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4D55C 4 Cyl.	Ø 91.1 -2.8	1-2.6 1-2.0 1-4.0	Ø 29 TL 75 SP32		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN1M911030 LKSN1M91103T
	CD 48.7 TL 88.7					
	TIK NO. 1M911030 1M91103T	TIK NO. R1M911030	TIK NO. P1M911030	TIK NO. B1M911030	TIK NO. LNSN1M911030	
	REFERENCE NO. 23410-42040	REFERENCE NO. 23040-42010		REFERENCE NO. 23517-42001	REFERENCE NO. 21131-42001	
Surface Treatment 0A						
6G71 6 Cyl.	Ø 91.1 -7.7	2-1.5 1-4.0	Ø 22 TL 74C1		TL OD FT FD	TIK NO.
	CD 32 TL 65					
	TIK NO. 1M911040	TIK NO. R1M911040	TIK NO. P1M911040	TIK NO.	TIK NO.	
	REFERENCE NO. 朝代 3.0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
6G72S 6 Cyl.	Ø 91.1 -2.5	1-1.2 1-1.5 1-3.0	Ø 22 TL 64		TL OD FT FD	TIK NO.
	CD 31.9 TL 65.9					
	TIK NO. 1M911050	TIK NO. R1M911050	TIK NO. P1M911050	TIK NO.	TIK NO. LNSN1M911050	
	REFERENCE NO. MD318501	REFERENCE NO. MD158344 MD165949 MD301803		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4D56 NEW 4 Cyl.	Ø 91.1 -2.7	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 75 SP32		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN1M911060 LKSN1M91106T
	CD 48.8 TL 88.8					
	TIK NO. 1M911060 1M91106T	TIK NO. R1M911010	TIK NO. P1M911060	TIK NO. B1M911010	TIK NO. LNSN1M911010	
	REFERENCE NO. MD304847	REFERENCE NO. MD050395		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648	
Surface Treatment 0A						
4D56T 4 Cyl.	Ø 91.1 -3.1	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 75 SP32		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN1M911070 LKSN1M91107L LKSN1M91107T LKSN1M91107H
	CD 48.7 TL 88.7					
	TIK NO. 1M911070 1M91107L 1M91107T 1M91107H	TIK NO. R1M911070	TIK NO. P1M911070	TIK NO. B1M911010	TIK NO. LNSN1M911010	
	REFERENCE NO. MD182601	REFERENCE NO. 1110A561 1110A562 1110A563 MD050390		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648	
Surface Treatment 0A						
6G72D 6 Cyl.	Ø 91.1 -4.5	1-1.2 1-1.5 1-3.0	Ø 22 TL 66		TL OD FT FD	TIK NO.
	CD 31.9 TL 66.5					
	TIK NO. 1M911080	TIK NO. R1M911080	TIK NO. P1M911080	TIK NO.	TIK NO.	
	REFERENCE NO. RY6683	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4D56/B 4 Cyl.	Ø 91.1 -2.7	1-2.5 1-2.0 1-4.0	Ø 29 TL 75 SP32		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN1M911090 LKSN1M91109T
	CD 48.7 TL 88.7					
	TIK NO. 1M911090 1M91109T	TIK NO. R1M911010	TIK NO. P1M911090	TIK NO. B1M911010	TIK NO. LNSN1M911010	
	REFERENCE NO. MD367335	REFERENCE NO. MD050395		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648	
Surface Treatment 0A						
4G54 4 Cyl.	Ø 91.1	2-2.0 1-4.0	Ø 22 TL 75		TL 165.0 OD 95.1 FT FD	TIK NO.
	CD 35.2 TL 77.4					
	TIK NO. 1M911100	TIK NO. R1M911100	TIK NO. P1M911100	TIK NO.	TIK NO. LNSN1M911100	
	REFERENCE NO. MD026921	REFERENCE NO. MD025089 MD026835 MD026960 MD027140		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6G72H 6 Cyl.	∅ 91.1 -0.3 CD 31.9 TL 65.9	2-1.2 1-3.0	∅ 22 TL 64		TL OD FT FD	TIK NO.
	TIK NO. 1M911110	TIK NO. R1M911050	TIK NO. P1M911110	TIK NO.	TIK NO. LNSN1M911050	
Surface Treatment 0A	REFERENCE NO. MD307944 MD194548 23410-35650 23410-35670	REFERENCE NO. MD158344 MD165949 MD301803		REFERENCE NO.	REFERENCE NO.	
6G72S-E 6 Cyl.	∅ 91.1 -2.7 CD 31.25 TL 65.25	1-1.2 1-1.5 1-3.0	∅ 22 TL 64		TL OD FT FD	TIK NO.
	TIK NO. 1M911250	TIK NO. R1M911250	TIK NO. P1M911250	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4G54A 4 Cyl.	∅ 91.1 -5 CD 35.2 TL 77	2-2.0 1-4.0	∅ 22 TL 78		TL 165.0 OD 95.1 FT FD	TIK NO.
	TIK NO. 1M9112A0	TIK NO. R1M911100	TIK NO. P1M9112A0	TIK NO.	TIK NO. LNSN1M911100	
Surface Treatment 00	REFERENCE NO. MD026940	REFERENCE NO. MD025089 MD026835 MD026960 MD027140		REFERENCE NO.	REFERENCE NO.	
4G54C 4 Cyl.	∅ 91.1 -3 CD 35.3 TL 77	2-1.5 1-4.0	∅ 22 TL 75		TL 165.0 OD 95.1 FT FD	TIK NO.
	TIK NO. 1M9112B0	TIK NO. R1M9112B0	TIK NO. P1M9112B0	TIK NO.	TIK NO. LNSN1M911100	
Surface Treatment 00	REFERENCE NO. MD080394	REFERENCE NO. MD061258 MD076170 MD080598 MD101895		REFERENCE NO.	REFERENCE NO.	
4D55 4D56 4 Cyl.	∅ 91.1 -3 CD 48.5 TL 88.5	1-2.5 1-2.0 1-4.0	∅ 29 TL 74 R29		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN1M911300 LKSN1M91130T
	TIK NO. 1M911300 1M91130T	TIK NO. R1M911010	TIK NO. P1M911300	TIK NO. B1M911010	TIK NO. LNSN1M911010	
Surface Treatment 0A	REFERENCE NO. MD050021 MD103318	REFERENCE NO. MD050395		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
4D55T 4 Cyl.	Ø 91.1 -3	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 74 R29		TL 165.0 OD 94.2 FT 2.0 FD 98.1		TIK NO. LKSN1M911600 LKSN1M91160T
	CD 48.7 TL 88.5						
	TIK NO. 1M911600 1M91160T	TIK NO. R1M911070	TIK NO. P1M911600	TIK NO. B1M911010	TIK NO. LNSN1M911010		
	REFERENCE NO. MD050011	REFERENCE NO. 1110A561 1110A562 1110A562 MD050390		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648		
Surface Treatment 0A							
4G54B 4 Cyl.	Ø 91.1	2-1.5 1-4.0	Ø 22 TL 78		TL 165.0 OD 95.1 FT FD		TIK NO. LKSN1M911700
	CD 36 TL 78						
	TIK NO. 1M911700	TIK NO. R1M9112B0	TIK NO. P1M911700	TIK NO.	TIK NO. LNSN1M911100		
	REFERENCE NO. MD071172	REFERENCE NO. MD061258 MD076170 MD080598 MD101895		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
6G72B 6 Cyl.	Ø 91.1 -7	2-1.5 1-4.0	Ø 22 TL 64		TL OD FT FD		TIK NO.
	CD 31.8 TL 68.1						
	TIK NO. 1M911800	TIK NO. R1M911800	TIK NO. P1M911800	TIK NO.	TIK NO. LNSN1M911050		
	REFERENCE NO. MD119671 MD152563 MD152562 MD152564	REFERENCE NO. MD101895 MD104922 MD104923 MD104939		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
6G72 6 Cyl.	Ø 91.1 -2.3	1-1.2 1-1.5 1-3.0	Ø 22 TL 64		TL OD FT FD		TIK NO.
	CD 32 TL 66						
	TIK NO. 1M911900	TIK NO. R1M911050	TIK NO. P1M911900	TIK NO.	TIK NO. LNSN1M911050		
	REFERENCE NO. MD197814 MD197808 23410-35214	REFERENCE NO. MD158344 MD165949 MD301803		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
4D56/A 4 Cyl.	Ø 91.1 -2.7	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 75 SP32		TL 165.0 OD 94.2 FT 2.0 FD 98.1		TIK NO. LKSN1M912000 LKSN1M91200L LKSN1M91200T LKSN1M91200H
	CD 48.7 TL 88.7						
	TIK NO. 1M912000 1M91200L 1M91200T 1M91200H	TIK NO. R1M911010	TIK NO. P1M912000	TIK NO. B1M911010	TIK NO. LNSN1M911010		
	REFERENCE NO. MD367638 MD367644	REFERENCE NO. MD050395		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648		
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4D55T NEW 4 Cyl.	Ø 91.1 -2.9	1-2.5K 1-2.0K 1-4.0	Ø 29 TL 75 SP32		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO.
	CD 48.7 TL 88.7					
	TIK NO. 1M912200 1M91220T	TIK NO. R1M911070	TIK NO. P1M912200	TIK NO. B1M911010	TIK NO. LNSN1M911010	
	REFERENCE NO.	REFERENCE NO. 1110A561 1110A562 1110A562 MD050390		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648	
Surface Treatment 0A						
4D55T/A 4 Cyl.	Ø 91.1 -2.7	1-2.5k 1-2.0K 1-4.0	Ø 29 TL 75 SP32		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO.
	CD 48.7 TL 88.7					
	TIK NO. 1M912300	TIK NO. R1M912300	TIK NO. P1M912300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO. MD050430 MD103648	
Surface Treatment 0A						
K54 4 Cyl.	Ø 91.1	1-2.5K 1-2.0K 1-4.0	Ø 32 TL 75 R32		TL 165.0 OD 94.2 FT 2.0 FD 98.1	TIK NO. LKSN1M912400 LKSN1M91240L LKSN1M91240T LKSN1M91240H
	CD 48.7 TL 78.7					
	TIK NO. 1M912400 1M91240L 1M91240T 1M91240H	TIK NO. R1M911070	TIK NO. P1M912400	TIK NO. B1M912400	TIK NO. LNSN1M911010	
	REFERENCE NO. MD377963 MD377962 MD377965 MD377966	REFERENCE NO. 1110A561 1110A562 1110A563 MD050390		REFERENCE NO.	REFERENCE NO. MD050430 MD103648	
Surface Treatment 0G						
4G53 4 Cyl.	Ø 88 -4.3	2-2.0 1-4.0	Ø 22 TL 75		TL OD FT FD	TIK NO.
	CD 35 TL 75					
	TIK NO. 1M880100	TIK NO. R1M880100	TIK NO. P1M880100	TIK NO.	TIK NO. LNSN1M880100	
	REFERENCE NO. MD024921	REFERENCE NO. MD025000 MD026985		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4DR1 4 Cyl.	Ø 88 -3.3	1-2.5 2-2.0 1-4.0	Ø 28 TL 76 R28		TL OD FT FD	TIK NO.
	CD 51.4 TL 98.4					
	TIK NO. 1M880200	TIK NO. R1M880200	TIK NO. P1M880200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
S4Q2 4 Cyl.	Ø 88 -4	1-2.5K 1-2.0 1-4.0	Ø 28 TL 73 R28		TL		TIK NO.
	CD 51 TL 86				OD		
					FT		
					FD		
	TIK NO. 1M880300 1M88030T	TIK NO. R1M880300	TIK NO. P1M880300	TIK NO.	TIK NO.		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 00							
420A 4 Cyl.	Ø 87.5 -2.3	2-1.2 1-3.0	Ø 21 TL 75		TL		TIK NO.
	CD 32.3 TL 64.9				OD		
					FT		
					FD		
	TIK NO. 1M875100	TIK NO. R1M875100	TIK NO. P1M875100	TIK NO.	TIK NO.		
REFERENCE NO. M04797613 M04741372	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0A							
4G69 4 Cyl.	Ø 87 -1.8	2-1.2 1-2.0	Ø 22 TL 62		TL		TIK NO.
	CD 28.1 TL 59.1				OD		
					FT		
					FD		
	TIK NO. 1M870100	TIK NO. R1M870100	TIK NO. P1M870100	TIK NO.	TIK NO.		
REFERENCE NO. MN183396 MN183397 MN163080	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0J							
4G64SA 4 Cyl.	Ø 86.5 -4.5	1-1.2 1-1.5 1-2.8	Ø 22 TL 62		TL	155.0	TIK NO.
	CD 35 TL 67				OD	90.0	
					FT		
					FD		
	TIK NO. 1M865010	TIK NO. R1M865010	TIK NO. P1M865010	TIK NO.	TIK NO.		
REFERENCE NO. MD188115 MD303071 MD303074	REFERENCE NO. MD192815 MD194597 MD195828		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 00							
4G64 4 Cyl.	Ø 86.5 -5	2-1.5 1-4.0	Ø 21 TL 72		TL	155.0	TIK NO.
	CD 35.5 TL 71.7				OD	90.0	
					FT		
					FD		
	TIK NO. 1M865100	TIK NO. R1M865100	TIK NO. P1M865100	TIK NO.	TIK NO.		
REFERENCE NO. MD105377 MD105376 MD105378	REFERENCE NO. MD103580 MD103581 MD103582 MD103583		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 00							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4G64DP 4 Cyl.	Ø 86.5 -2.5 CD 35 TL 67	1-1.2 1-1.5 1-2.8	Ø 22 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 1M865200	TIK NO. R1M865200	TIK NO. P1M865200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
4G64A 4 Cyl.	Ø 86.5 -0.4 CD 35.4 TL 67.4	1-1.2 1-1.5 1-3.0	Ø 22 TL 62		TL 155.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1M865300	TIK NO. R1M865300	TIK NO. P1M865300	TIK NO.	TIK NO. LNSN1M865010	
Surface Treatment 00	REFERENCE NO. MD188998 MD194657	REFERENCE NO. MD195872		REFERENCE NO.	REFERENCE NO.	
4G64FR 4 Cyl.	Ø 86.5 -5.1 CD 35 TL 67	1-1.2 1-1.5 1-2.8	Ø 22 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1M865400	TIK NO. R1M865400	TIK NO. P1M865400	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. MD341734	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4G64/B 4 Cyl.	Ø 86.5 CD 30.5 TL 53	1-1.2 1-1.5 1-2.8	Ø 22 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1M865500	TIK NO. R1M865500	TIK NO. P1M865500	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. MD357067	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
G63B 4 Cyl.	Ø 85 -7.7 CD 35.2 TL 72.2	2-2.0 1-4.0	Ø 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	TIK NO. 1M850100	TIK NO. R1M850100	TIK NO. P1M850100	TIK NO.	TIK NO. LNSN1M850100	
Surface Treatment 00	REFERENCE NO. MD040591 MD040560	REFERENCE NO. MD040640 MD040840 MD041580 MD108068		REFERENCE NO.	REFERENCE NO. MD040409	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4G63 4 Cyl.	∅ 85 -7.2 CD 34.8 TL 71.8	2-2.0 1-4.0	∅ 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	TIK NO. 1M8501A0	TIK NO. R1M850100	TIK NO. P1M8501A0	TIK NO.	TIK NO. LNSN1M850100	
Surface Treatment 00	REFERENCE NO. MD040821 MD041560	REFERENCE NO. MD040640 MD040840 MD041580 MD108068		REFERENCE NO.	REFERENCE NO. MD040409	
G63T 4 Cyl.	∅ 85 -2.7 CD 35 TL 72	2-2.0 1-4.0	∅ 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	TIK NO. 1M850200	TIK NO. R1M850100	TIK NO. P1M850200	TIK NO.	TIK NO. LNSN1M850100	
Surface Treatment 00	REFERENCE NO. MD041641	REFERENCE NO. MD108068 MD040640 MD040840 MD041580		REFERENCE NO.	REFERENCE NO. MD040409	
4G63T 4 Cyl.	∅ 85 -2.5 CD 35 TL 67	1-1.2 1-1.5 1-3.0	∅ 21 TL 66		TL 150.0 OD 89.0 FT FD	TIK NO.
	TIK NO. 1M850300	TIK NO. R1M850300	TIK NO. P1M850300	TIK NO.	TIK NO. LNSN1M850100	
Surface Treatment 00	REFERENCE NO. MD129922	REFERENCE NO. MD133485 MD140923 MD195850		REFERENCE NO.	REFERENCE NO. MD040409	
G63 4 Cyl.	∅ 85 -7.3 CD 35.2 TL 72.3	2-1.5 1-4.0	∅ 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	TIK NO. 1M850400	TIK NO. R1M850400	TIK NO. P1M850400	TIK NO.	TIK NO. LNSN1M850100	
Surface Treatment 00	REFERENCE NO. MD100372	REFERENCE NO. MD088941 MD100467 MD105516		REFERENCE NO.	REFERENCE NO. MD040409	
G63P 4 Cyl.	∅ 85 -7.2 CD 35.4 TL 67.3	1-1.2 1-1.5 1-3.0	∅ 22 TL 66		TL 150.0 OD 89.0 FT FD	TIK NO.
	TIK NO. 1M850500	TIK NO. R1M850300	TIK NO. P1M850500	TIK NO.	TIK NO. LNSN1M850100	
Surface Treatment 00	REFERENCE NO. MD190256	REFERENCE NO. MD133485 MD140923 MD195850		REFERENCE NO.	REFERENCE NO. MD040409	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4G63K 4 Cyl.	Ø 85 -6.8	1-1.2 1-1.5 1-3.0	Ø 22 TL 62		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 35 TL 67.4					
	TIK NO. 1M850600	TIK NO. R1M850300	TIK NO. P1M850600	TIK NO.	TIK NO. LNSN1M850100	
	REFERENCE NO. MD188289 MD188292	REFERENCE NO. MD133485 MD140923 MD195850		REFERENCE NO.	REFERENCE NO. MD040409	
Surface Treatment 00						
4G63R 4 Cyl.	Ø 85 -6.8	2-2.0 1-3.0	Ø 22 TL 62		TL OD FT FD	TIK NO.
	CD 35 TL 67.4					
	TIK NO. 1M850700	TIK NO. R1M850700	TIK NO. P1M850700	TIK NO.	TIK NO.	
	REFERENCE NO. MD189288	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4G63DT 4 Cyl.	Ø 85 -5.4	1-1.2 1-1.5 1-3.0	Ø 21 TL 66		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 35 TL 67					
	TIK NO. 1M850800	TIK NO. R1M850300	TIK NO. P1M850800	TIK NO.	TIK NO. LNSN1M850100	
	REFERENCE NO. MD129232	REFERENCE NO. MD133485 MD140923 MD195850		REFERENCE NO.	REFERENCE NO. MD040409	
Surface Treatment 00						
4G63DK 4 Cyl.	Ø 85 -3.6	1-1.2 1-1.5 1-3.0	Ø 22 TL 62		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 35 TL 67					
	TIK NO. 1M850900	TIK NO. R1M850300	TIK NO. P1M850900	TIK NO.	TIK NO. LNSN1M850100	
	REFERENCE NO. MD190262	REFERENCE NO. MD133485 MD140923 MD195850		REFERENCE NO.	REFERENCE NO. MD040409	
Surface Treatment 00						
4G63N 4 Cyl.	Ø 85 -2	1-1.2 1-1.5 1-2.8	Ø 22 TL 62		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 35 TL 67					
	TIK NO. 1M851100	TIK NO. R1M851100	TIK NO. P1M851100	TIK NO.	TIK NO. LNSN1M850100	
	REFERENCE NO. MD188097 MD188100	REFERENCE NO. MD108608 MD195805 MD195807 MD195809		REFERENCE NO.	REFERENCE NO. MD040409	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4G63DTF1 4 Cyl.	Ø 85 -3.3	1-1.2 1-1.5 1-2.8	Ø 22 TL 62		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 35 TL 67					
	TIK NO. 1M851200	TIK NO. R1M851100	TIK NO. P1M851200	TIK NO.	TIK NO. LNSN1M850100	
	REFERENCE NO. MD307820	REFERENCE NO. MD108608 MD195805 MD195807 MD195809		REFERENCE NO.	REFERENCE NO. MD040409	
Surface Treatment 0G						
4G63DTK1 4 Cyl.	Ø 85 -5.5	1-1.2 1-1.5 1-3.0	Ø 22 TL 62		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 35.1 TL 67.1					
	TIK NO. 1M851300	TIK NO. R1M850300	TIK NO. P1M851300	TIK NO.	TIK NO. LNSN1M850100	
	REFERENCE NO. MD308200	REFERENCE NO. MD133485 MD140923 MD195850		REFERENCE NO.	REFERENCE NO. MD040409	
Surface Treatment 0G						
G52B 4 Cyl.	Ø 84 -2	2-2.0 1-4.0	Ø 22 TL 75		TL OD FT FD	TIK NO.
	CD 40 TL 79.7					
	TIK NO. 1M840100	TIK NO. R1M840100	TIK NO. P1M840100	TIK NO.	TIK NO. LNSN1M840100	
	REFERENCE NO. MD021192	REFERENCE NO. MD021010 MD021035 MD021070 MD027010		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4G52 4 Cyl.	Ø 84 -2.5	2-2.0 1-4.0	Ø 22 TL 75		TL OD FT FD	TIK NO.
	CD 39.5 TL 79.5					
	TIK NO. 1M840200	TIK NO. R1M840100	TIK NO. P1M840200	TIK NO.	TIK NO. LNSN1M840100	
	REFERENCE NO. MD021058 MD021000	REFERENCE NO. MD021010 MD021035 MD021070 MD027010		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4DQ5 4 Cyl.	Ø 84 -2.5	1-2.5 1-2.0 1-4.0	Ø 25 TL 72 R25		TL OD FT FD	TIK NO. LKSN1M840300 LKSN1M84030T
	CD 45.5 TL 92.3					
	TIK NO. 1M840300 1M84030T	TIK NO. R1M840300	TIK NO. P1M840300	TIK NO. B1M840300	TIK NO. LNSN1M840300	
	REFERENCE NO. 30617-57105	REFERENCE NO. 30615-51011 30617-51011		REFERENCE NO.	REFERENCE NO. 30607-50301	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
6G73 6 Cyl.	∅ 83.5 -2.85 CD 32 TL 64.1	1-1.2 1-1.5 1-3.0	∅ 22 TL 64		TL OD FT FD	TIK NO.
	TIK NO. 1M830100	TIK NO. R1M830100	TIK NO. P1M830100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. MD309393 MD309399	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4D68T 4 Cyl.	∅ 82.7 -1.6 CD 39.5 TL 76.3	1-2.0K 1-2.0K 1-3.0	∅ 25 TL 65.5 R25		TL 170.0 OD 86.7 FT 5.0 FD 90.7	TIK NO. LKSN1M827100 LKSN1M82710L LKSN1M82710T LKSN1M82710H
	TIK NO. 1M827100 1M82710L 1M82710T 1M82710H	TIK NO. R1M827100	TIK NO. P1M827100	TIK NO. B1M806300	TIK NO. LNSN1M827100	
Surface Treatment 0A	REFERENCE NO. MD194157	REFERENCE NO. MD197187		REFERENCE NO. MD060467	REFERENCE NO.	
4D68 4 Cyl.	∅ 82.7 -1.6 CD 39.4 TL 76.4	1-2.0K 1-2.0 1-3.0	∅ 25 TL 66 R25		TL 170.0 OD 86.7 FT 5.0 FD 90.7	TIK NO.
	TIK NO. 1M827200 1M82720T	TIK NO. R1M827200	TIK NO. P1M827200	TIK NO. B1M806300	TIK NO. LNSN1M827100	
Surface Treatment 0A	REFERENCE NO. MD194168 MD194163	REFERENCE NO. MD197162		REFERENCE NO. MD060467	REFERENCE NO.	
4G61 G4CR 4 Cyl.	∅ 82.3 -3.4 CD 32.5 TL 64.5	1-1.2 1-1.5 1-3.0	∅ 21 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 1M823100	TIK NO. R1M823100	TIK NO. P1M823100	TIK NO.	TIK NO. LNSN1M823100	
Surface Treatment 00	REFERENCE NO. MD129932 23410-33010 23410-33020	REFERENCE NO. MD133485 MD133495 23040-33000 23040-33030		REFERENCE NO.	REFERENCE NO.	
4G94 4 Cyl.	∅ 81.5 -1.1 CD 30 TL 50.4	1-1.2 1-1.2 1-2.5	∅ 19 TL 58		TL 185.0 OD 85.0 FT FD	TIK NO.
	TIK NO. 1M815100	TIK NO. R1M815100	TIK NO. P1M815100	TIK NO.	TIK NO. LNSN1M815100	
Surface Treatment 0A	REFERENCE NO. MD361979 MD375974 MD375975	REFERENCE NO. 1110B098 1110B099 1110B100 MD371157		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4G93 4 Cyl.	∅ 81 -2 CD 30.9 TL 60	1-1.2 1-1.2 1-2.8	∅ 19 TL 58		TL OD FT FD	TIK NO.
	TIK NO. 1M810100	TIK NO. R1M810100	TIK NO. P1M810100	TIK NO.	TIK NO. LNSN1M810100	
Surface Treatment 00	REFERENCE NO. MD183457 MD318097	REFERENCE NO. MD173206 MD173211		REFERENCE NO.	REFERENCE NO.	
4G93S 4 Cyl.	∅ 81 -1.4 CD 30.1 TL 59.5	2-1.2 1-2.8	∅ 19 TL 58		TL OD FT FD	TIK NO.
	TIK NO. 1M810200	TIK NO. R1M810200	TIK NO. P1M810200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. MD347630 MD347629 MD347631 MD353898	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4G92 4 Cyl.	∅ 81 +0.3 CD 30.5 TL 59.8	2-1.2 1-2.8	∅ 19 TL 58		TL OD FT FD	TIK NO.
	TIK NO. 1M810300	TIK NO. 1M810100	TIK NO. P1M810300	TIK NO.	TIK NO. LNSN1M810300	
Surface Treatment 00	REFERENCE NO. MD191343	REFERENCE NO. MD173206 MD173211		REFERENCE NO.	REFERENCE NO.	
4G92/A 4 Cyl.	∅ 81 -4.5 CD 30 TL 62.2	2-1.2 1-2.8	∅ 19 TL 58		TL OD FT FD	TIK NO.
	TIK NO. 1M810400	TIK NO. R1M810100	TIK NO. P1M810400	TIK NO.	TIK NO. LNSN1M810300	
Surface Treatment 00	REFERENCE NO. MD184676	REFERENCE NO. MD173206 MD173211		REFERENCE NO.	REFERENCE NO.	
4G93S/A 4 Cyl.	∅ 81 -2.5 CD 30.8 TL 60.8	2-1.2 1-2.8	∅ 19 TL 58		TL OD FT FD	TIK NO.
	TIK NO. 1M810500	TIK NO. R1M810100	TIK NO. P1M810500	TIK NO.	TIK NO. LNSN1M810100	
Surface Treatment 00	REFERENCE NO. XW530336 XW530337 XW530338	REFERENCE NO. MD173206 MD173211		REFERENCE NO.	REFERENCE NO.	

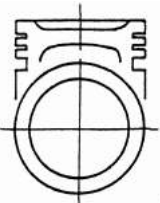
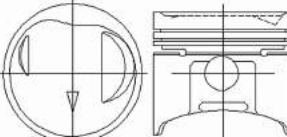
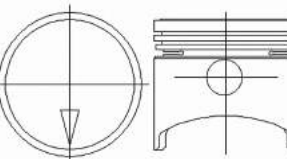
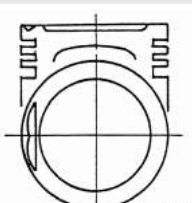
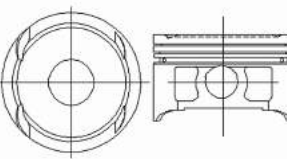


ENGINE TYPE	PISTON		PISTON RING		PISTON PIN		PIN BUSHING		LINER		LINER KIT SET
4G93DT 4 Cyl.	∅ 81 -2.4	1-1.2 1-1.2 1-2.8	∅ 19 TL 58		TL OD FT FD						TIK NO.
	CD 30.8 TL 59.8										
	TIK NO. 1M810600	TIK NO. R1M810600	TIK NO. P1M810600		TIK NO.				TIK NO.		
	REFERENCE NO.	REFERENCE NO.			REFERENCE NO.				REFERENCE NO.		
Surface Treatment 0A											
4G92/B 4 Cyl.	∅ 81 -3	1-1.2 1-1.2 1-2.8	∅ 19 TL 58		TL OD FT FD						TIK NO.
	CD 29.8 TL 59.6										
	TIK NO. 1M810700	TIK NO. R1M810700	TIK NO. P1M810700		TIK NO.				TIK NO.		
	REFERENCE NO.	REFERENCE NO.			REFERENCE NO.				REFERENCE NO.		
Surface Treatment 00											
4G62 4 Cyl.	∅ 80.6 -7	2-2.0 1-4.0	∅ 21 TL 72		TL OD FT FD	150.0 84.5					TIK NO.
	CD 35 TL 73.5										
	TIK NO. 1M806100	TIK NO. R1M806100	TIK NO. P1M806100		TIK NO.				TIK NO. LNSN1M806100		
	REFERENCE NO. MD040571	REFERENCE NO. MD040610 MD106736			REFERENCE NO.				REFERENCE NO. MD061685		
Surface Treatment 00											
G37B 4 Cyl.	∅ 80.6 +7	2-1.5 1-4.0	∅ 19 TL 63		TL OD FT FD						TIK NO.
	CD 33.5 TL 75.5										
	TIK NO. 1M806200	TIK NO. R1M806200	TIK NO. P1M806200		TIK NO.				TIK NO. LNSN1M806200		
	REFERENCE NO. MD074210	REFERENCE NO. MD077113 MD106028 MD154012			REFERENCE NO.				REFERENCE NO.		
Surface Treatment 00											
4D65 4 Cyl.	∅ 80.6 -2	1-2.0K 1-2.0 1-4.0	∅ 25 TL 67 R25		TL OD FT FD	150.0 84.5 4.0 90.5					TIK NO. LKSN1M806300 LKSN1M80630T
	CD 42 TL 78.8										
	TIK NO. 1M806300 1M80630T	TIK NO. R1M806300	TIK NO. P1M806300		TIK NO. B1M806300				TIK NO. LNSN1M806300		
	REFERENCE NO. MD061985	REFERENCE NO. MD071206 MD078209			REFERENCE NO. MD060467				REFERENCE NO.		
Surface Treatment 0A											



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4G37 4 Cyl.	∅ 80.6 -4.5 CD 34 TL 67.9	2-1.5 1-4.0	∅ 19 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1M806400	TIK NO. R1M806200	TIK NO. P1M806400	TIK NO.	TIK NO. LNSN1M806200	
Surface Treatment 00	REFERENCE NO. MD100416	REFERENCE NO. MD077113 MD106028 MD154012		REFERENCE NO.	REFERENCE NO.	
4D65T 4 Cyl.	∅ 80.6 -2 CD 42 TL 78.8	2-2.0K 1-4.0	∅ 25 TL 67 R25		TL 150.0 OD 84.6 FT 4.0 FD 90.5	TIK NO. LKSN1M806500 LKSN1M80650T
	TIK NO. 1M806500 1M80650T	TIK NO. R1M806300	TIK NO. P1M806500	TIK NO. B1M806300	TIK NO. LNSN1M806300	
Surface Treatment 0A	REFERENCE NO. MD072264	REFERENCE NO. MD071206 MD078209 MD078309 MD127017		REFERENCE NO. MD060467	REFERENCE NO.	
4D65TA 4 Cyl.	∅ 80.6 -3.2 CD 41.8 TL 78.8	2-2.0K 1-4.0	∅ 25 TL 67 R25		TL 150.0 OD 84.6 FT 4.0 FD 90.5	TIK NO. LKSN1M806600 LKSN1M80660T
	TIK NO. 1M806600 1M80660T	TIK NO. R1M806300	TIK NO. P1M806600	TIK NO. B1M806300	TIK NO. LNSN1M806300	
Surface Treatment 0A	REFERENCE NO. MD131615	REFERENCE NO. MD071206 MD078209 MD078309 MD127017		REFERENCE NO. MD060467	REFERENCE NO.	
KE31 4 Cyl.	∅ 79.375 -6 CD 55.5 TL 96.0	3-2.4 2-4.8	∅ 24 TL 68 R24		TL OD FT FD	TIK NO.
	TIK NO. 1M793100	TIK NO. R1M793100	TIK NO. P1M793100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. K312610-1	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4G32 4 Cyl.	∅ 76.9 -3 CD 32.5 TL 70.5	2-2.0 1-4.0	∅ 19 TL 63		TL 150.0 OD 80.9 FT FD	TIK NO.
	TIK NO. 1M7691B0	TIK NO. R1M7691B0	TIK NO. P1M7691B0	TIK NO.	TIK NO. LNSN1M7691B0	
Surface Treatment 00	REFERENCE NO. MD008851	REFERENCE NO. MD000725 MD004709 MD004739 MD004770		REFERENCE NO.	REFERENCE NO. MD004233	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4G32C 4 Cyl.	∅ 76.9 -3.1 CD 33.5 TL 70.5	2-2.0 1-4.0	∅ 19 TL 63		TL 150.0 OD 80.9 FT FD	TIK NO.
 02	TIK NO. 1M7691C0	TIK NO. R1M7691B0	TIK NO. P1M7691C0	TIK NO.	TIK NO. LNSN1M7691B0	
Surface Treatment 00	REFERENCE NO. MD004670	REFERENCE NO. MD000725 MD004709 MD004739 MD004770		REFERENCE NO.	REFERENCE NO. MD004233	
G32B 4 Cyl.	∅ 76.9 -7.5 CD 34 TL 68	2-1.5 1-4.0	∅ 19 TL 63		TL 150.0 OD 80.9 FT FD	TIK NO.
	TIK NO. 1M769200	TIK NO. R1M769200	TIK NO. P1M769200	TIK NO.	TIK NO. LNSN1M7691B0	
Surface Treatment 00	REFERENCE NO. MD105495 MD099925 MD099926 MD099927	REFERENCE NO. MD012765 MD062387 MD093337 MD099430		REFERENCE NO.	REFERENCE NO. MD004233	
4G41 4 Cyl.	∅ 76.5 CD 30.8 TL 69.3	2-2.0 1-4.0	∅ 19 TL 63 SP21.5		TL 127.0 OD 80.5 FT FD	TIK NO.
	TIK NO. 1M7651A0	TIK NO. R1M7651A0	TIK NO. P1M7651A0	TIK NO.	TIK NO. LNSN1M7651A0	
Surface Treatment 00	REFERENCE NO. MD011951 MD011951 MD011940	REFERENCE NO. MD010710 MD010715 MD011893		REFERENCE NO.	REFERENCE NO.	
2G24 2 Cyl.	∅ 76 -0.3 CD 26.7 TL 56.7	2-1.5 1-2.5	∅ 18 TL 60		TL OD FT FD	TIK NO.
 184	TIK NO. 1M760100	TIK NO. R1M760100	TIK NO. P1M760100	TIK NO.	TIK NO. LNSN1M760100	
Surface Treatment 00	REFERENCE NO. MD018248	REFERENCE NO. MD018280		REFERENCE NO.	REFERENCE NO.	
A1G4S 4 Cyl.	∅ 76 -2.2 CD 26 TL 47	2-1.2 1-2.5	∅ 18 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1M760200	TIK NO. R1M760200	TIK NO. P1M760200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. MD361980			REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
4G18 4 Cyl.	Ø 76 -3.7	1-1.2 1-1.5 1-2.8	Ø 18 TL 58		TL		TIK NO.
	CD 26.6 TL 52.6				OD		
					FT		
					FD		
	TIK NO. 1M760300	TIK NO. R1M760300	TIK NO. P1M760300	TIK NO.	TIK NO. LNSN1M760300		
REFERENCE NO. MD345934	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 00							
4G15 4 Cyl.	Ø 75.5 -3.6	2-1.5 1-4.0	Ø 18 TL 60		TL	140.0	TIK NO.
	CD 29.5 TL 58.5				OD	79.5	
					FT		
					FD		
	TIK NO. 1M755100	TIK NO. R1M755100	TIK NO. P1M755100	TIK NO.	TIK NO. LNSN1M755100		
REFERENCE NO. MD099769 MD099770	REFERENCE NO. MD074725 MD078548 MD104656		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 00							
G15B 4 Cyl.	Ø 75.5 -4.4	2-1.5 1-4.0	Ø 18 TL 60		TL	140.0	TIK NO.
	CD 29 TL 58				OD	79.5	
					FT		
					FD		
	TIK NO. 1M755200	TIK NO. R1M755100	TIK NO. P1M755200	TIK NO.	TIK NO. LNSN1M755100		
REFERENCE NO. MD074715	REFERENCE NO. MD074725 MD078548 MD104656		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 00							
G15C 4 Cyl.	Ø 75.5 -0.5	1-1.2 1-1.5 1-3.0	Ø 18 TL 56		TL	140.0	TIK NO.
	CD 29 TL 58				OD	79.5	
					FT		
					FD		
	TIK NO. 1M755300	TIK NO. R1M755300	TIK NO. P1M755300	TIK NO.	TIK NO. LNSN1M755100		
REFERENCE NO. MD193914 MD144901 MD320295	REFERENCE NO. MD158549 MD180804		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 00							
4G15A 4 Cyl.	Ø 75.5 -1.5	1-1.2 1-1.5 1-2.8	Ø 18 TL 56		TL	140.0	TIK NO.
	CD 28.6 TL 49.6				OD	79.5	
					FT		
					FD		
	TIK NO. 1M755400	TIK NO. R1M755400	TIK NO. P1M755400	TIK NO.	TIK NO. LNSN1M755100		
REFERENCE NO. MD332841	REFERENCE NO. MD332715 MD331313 MD333896		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 00							

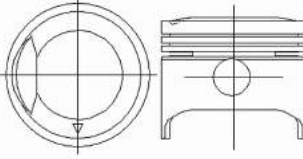
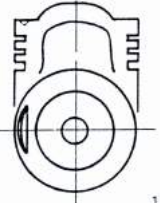
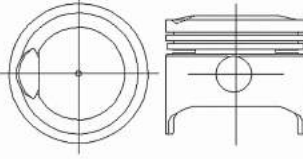
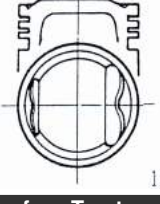
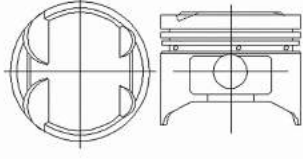


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
G15C/A 4 Cyl.	∅ 75.5 -0.5 CD 29 TL 58	1-1.2 1-1.5 1-3.0	∅ 18 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1M755500	TIK NO. R1M755500	TIK NO. P1M755500	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
4G12 4 Cyl.	∅ 74 -1.5 CD 29 TL 58	2-1.5 1-4.0	∅ 18 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1M740100	TIK NO. R1M740100	TIK NO. P1M740100	TIK NO.	TIK NO. LNSN1M740100	
Surface Treatment 00	REFERENCE NO. MD030322 MD012008 MD030327	REFERENCE NO. MD012025 MD012035 MD030355 MD031700		REFERENCE NO.	REFERENCE NO.	
4G33 4 Cyl.	∅ 73 -6.9 CD 33.2 TL 70.2	2-1.5 1-4.0	∅ 19 TL 63		TL 150.0 OD 77.0 FT FD	TIK NO.
	TIK NO. 1M730100	TIK NO. R1M730100	TIK NO. P1M730100	TIK NO.	TIK NO. LNSN1M730100	
Surface Treatment 00	REFERENCE NO. MD009581	REFERENCE NO. MD009625 MD034010 MD115500		REFERENCE NO.	REFERENCE NO. MD002290	
4G36 4 Cyl.	∅ 73 -7 CD 39.5 TL 82.4	2-1.5 1-4.0	∅ 19 TL 63		TL 150.0 OD 77.0 FT FD	TIK NO.
	TIK NO. 1M730200	TIK NO. R1M730100	TIK NO. P1M730200	TIK NO.	TIK NO. LNSN1M730100	
Surface Treatment 00	REFERENCE NO. MD009561	REFERENCE NO. MD009625 MD034010 MD115500		REFERENCE NO.	REFERENCE NO. MD002290	
4G33C 4 Cyl.	∅ 73 -1 CD 32.7 TL 69.7	2-2.0 1-4.0	∅ 19 TL 63		TL 150.0 OD 77.0 FT FD	TIK NO.
	TIK NO. 1M730300	TIK NO. R1M730300	TIK NO. P1M730300	TIK NO.	TIK NO. LNSN1M730100	
Surface Treatment 00	REFERENCE NO. MD002710 MD002851	REFERENCE NO. MD000770		REFERENCE NO.	REFERENCE NO. MD002290	

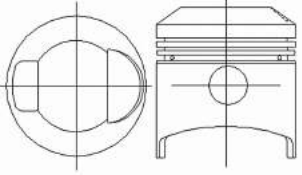


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
G13B 4 Cyl.	Ø 71 +2.5 CD 29.1 TL 58.1	2-1.5 1-4.0	Ø 18 TL 60		TL 132.0 OD 75.0 FT FD	TIK NO.
	TIK NO. 1M710100	TIK NO. R1M710100	TIK NO. P1M710100	TIK NO.	TIK NO. LNSN1M710100	
Surface Treatment 00	REFERENCE NO. MD074676 MD074677 MD074680 MD141805	REFERENCE NO. MD074687 MD078543 MD115490		REFERENCE NO.	REFERENCE NO.	
4G13 4 Cyl.	Ø 71 -0.8 CD 29.3 TL 58.4	2-1.5 1-4.0	Ø 18 TL 60		TL 132.0 OD 75.0 FT FD	TIK NO.
	TIK NO. 1M710200	TIK NO. R1M710100	TIK NO. P1M710200	TIK NO.	TIK NO. LNSN1M710100	
Surface Treatment 00	REFERENCE NO. MD099759	REFERENCE NO. MD074687 MD078543 MD115490		REFERENCE NO.	REFERENCE NO.	
4G13/A 4 Cyl.	Ø 71 -2.2 CD 29.0 TL 58.1	1-1.2 1-1.5 1-3.0	Ø 18 TL 56		TL 132.0 OD 75.0 FT FD	TIK NO.
	TIK NO. 1M710400	TIK NO. R1M710400	TIK NO. P1M710400	TIK NO.	TIK NO. LNSN1M710100	
Surface Treatment 00	REFERENCE NO. MD172036	REFERENCE NO. MD158908		REFERENCE NO.	REFERENCE NO.	
LANCER 1.3 4 Cyl.	Ø 71 -0.8 CD 29 TL 50	1-1.2 1-1.5 1-2.8	Ø 18 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1M710500	TIK NO. R1M710500	TIK NO. P1M710500	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4G13S4 4 Cyl.	Ø 71 +0.4 CD 28.5 TL 49.5	1-2.0 1-5.0 1-2.8	Ø 18 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1M710600	TIK NO. R1M710600	TIK NO. P1M710600	TIK NO.	TIK NO. LNSN1M710600	
Surface Treatment 00	REFERENCE NO. MD351586	REFERENCE NO. MD335419 MD335420 MD335421 MD335422		REFERENCE NO.	REFERENCE NO.	

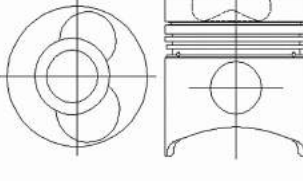
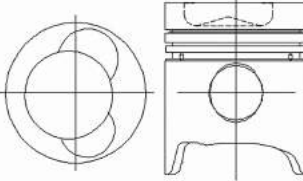
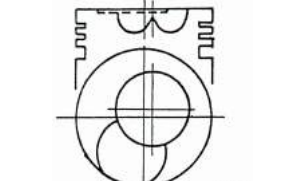
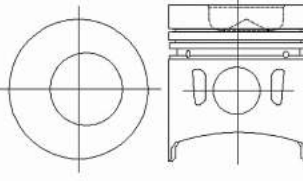


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
2G23 2 Cyl.	∅ 70 +2 CD 27 TL 59	2-1.5 1-2.5	∅ 18 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1M700100	TIK NO. R1M700100	TIK NO. P1M700100	TIK NO.	TIK NO. LNSN1M700100	
Surface Treatment 00	REFERENCE NO. MD073733 MD037332 MD019861 MD019851	REFERENCE NO. MD011965 MD019610		REFERENCE NO.	REFERENCE NO.	
2G23A 2 Cyl.	∅ 70 +0.7 CD 27 TL 56.8	2-1.5 1-2.5	∅ 18 TL 60		TL OD FT FD	TIK NO.
	TIK NO. 1M7001A0	TIK NO. R1M7001A0	TIK NO. P1M7001A0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. MD019596	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
2G23B 2 Cyl.	∅ 70 -1.2 CD 26.9 TL 56.8	2-1.5 1-2.5	∅ 18 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1M700200	TIK NO. R1M700200	TIK NO. P1M700200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. MD019857	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
4G11 4 Cyl.	∅ 69.5 +0.9 CD 29 TL 58.9	2-1.5 1-4.0	∅ 18 TL 60		TL 140.0 OD 73.9 FT FD	TIK NO.
	TIK NO. 1M695100	TIK NO. R1M695100	TIK NO. P1M695100	TIK NO.	TIK NO. LNSN1M695100	
Surface Treatment 00	REFERENCE NO. MD030312 MD030381	REFERENCE NO. MD030350 MD031670		REFERENCE NO.	REFERENCE NO. MD030698	
3G82 3 Cyl.	∅ 65 -4 CD 59 TL 52.1	2-1.2 1-2.8	∅ 16 TL 51		TL OD FT FD	TIK NO.
	TIK NO. 1M650100	TIK NO. R1M650100	TIK NO. P1M650100	TIK NO.	TIK NO. LNSN1M650100	
Surface Treatment 00	REFERENCE NO. MD120262	REFERENCE NO. MD160195 MD160199		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
2G21 2 Cyl.	∅ 62 +6.5 CD 27 TL 65.5	2-1.5 1-2.5	∅ 17 TL 54		TL OD FT FD	TIK NO.
 Surface Treatment 00	TIK NO. 1M620100	TIK NO. R1M620100	TIK NO. P1M620100	TIK NO.	TIK NO. LNSN1M620100	
	REFERENCE NO. MD016670	REFERENCE NO. MD016760 MD016765		REFERENCE NO.	REFERENCE NO.	

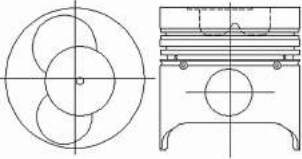
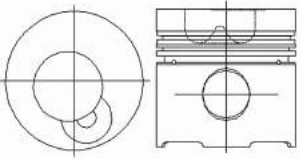
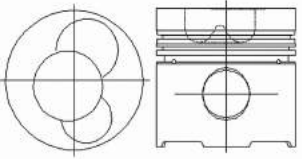
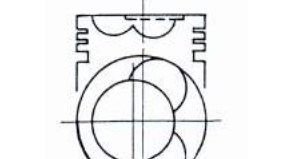
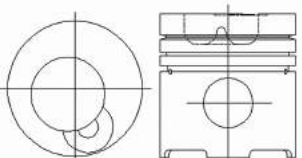


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
8DC91 8 Cyl.	∅ 135 -24.3 CD 88 TL 153	1-3.5K 2-3.0 1-6.0	∅ 50 TL 112 R50		TL OD FT FD	TIK NO. LKCF2H135200 LKCF2H13520T
	TIK NO. 2H135200 2H13520T	TIK NO. R1M135100	TIK NO. P2H135200	TIK NO. B1M135100	TIK NO. LNCF1M135100	
Surface Treatment	REFERENCE NO. ME062336	REFERENCE NO. ME062018 ME062230		REFERENCE NO. 31219-34300 31219-34390 ME062310	REFERENCE NO. ME061782	
6D22T 6 Cyl.	∅ 130 -21.4 CD 83.1 TL 158	1-3.3DK 1-3.0 1-6.0	∅ 50 TL 105 R50		TL OD FT FD	TIK NO. LKFF2H130200 LKFF2H13020T
	TIK NO. 2H130200 2H13020T	TIK NO. R1M130300	TIK NO. P2H130200	TIK NO.	TIK NO. LNFF1M130300	
Surface Treatment	REFERENCE NO. ME052811	REFERENCE NO. 30917-20010 ME052124 ME052787		REFERENCE NO. 30319-00600 30319-00690 ME052158 ME052159	REFERENCE NO. ME051217 ME051500 ME051501 ME051502	
6D16 6 Cyl.	∅ 118 -22 CD 71 TL 116.1	1-3.0 1-2.5 1-4.0	∅ 38 TL 92 R38		TL OD FT FD	TIK NO. LKPF2H11810T
	TIK NO. 2H11810T	TIK NO. R1M118100	TIK NO. P2H11810T	TIK NO. B1M113400	TIK NO. LNPF1M118100	
Surface Treatment 0A	REFERENCE NO. ME072000	REFERENCE NO. ME999540 ME999955		REFERENCE NO. ME072128	REFERENCE NO. ME071224 ME071225 ME071226 ME071227	
4D31 4 Cyl.	∅ 100 -18 CD 60.7 TL 110.7	1-3.0K 1-2.0 1-5.0	∅ 34 TL 84 R34		TL 191.5 OD 104.0 FT 5.0 FD 109.0	TIK NO. LKSN2H100200 LKSN2H10020T
	TIK NO. 2H100200 2H10020T	TIK NO. R1M100100	TIK NO. P2H100200	TIK NO. B1M100100	TIK NO. LNSN1M100100	
Surface Treatment 0A	REFERENCE NO. ME012155 ME012131	REFERENCE NO. ME012010 ME012070		REFERENCE NO. ME012234	REFERENCE NO. ME011523 ME011604	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
RH8 8Cyl.	∅ 150 -22.8	1-3.0 1-2.5 1-4.0	∅ 50 TL 112 R50		TL OD FT FD	TIK NO.
	CD 75.6 TL 134					
	TIK NO. 1N150010 1N15001T	TIK NO. R1N150010	TIK NO. P1N150010	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
RG8 8Cyl.	∅ 142 -22.5	1-3.0 1-2.5 1-4.0	∅ 50 TL 118 R50		TL OD FT FD	TIK NO.
	CD 78.6 TL 137					
	TIK NO. 1N142100 1N14210T	TIK NO. R1N142100	TIK NO. P1N142100	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0G					
RF8 8Cyl.	∅ 138 -24.6	2-2.5 1-4.0	∅ 46 TL 116 SP53G		TL OD FT FD	TIK NO. LKFF1N138100 LKFF1N13810T
	CD 78.6 TL 137					
	TIK NO. 1N138100 1N13810T	TIK NO. R1N138100	TIK NO. P1N138100	TIK NO.	TIK NO. LNFF1N138100	
	REFERENCE NO. 12011-97165 12011-97163 12011-97161	REFERENCE NO. 12040-97072 12040-97104		REFERENCE NO. 12030-97000 12030-97001 12030-97002	REFERENCE NO. 11012-97164 11012-97171	
	Surface Treatment 0A					
RD8 8Cyl.	∅ 135 -25	1-4.0 1-3.0 1-6.0	∅ 46 TL 116 SP53G		TL OD FT FD	TIK NO. LKFF1N135100 LKFF1N13510T
	CD 82 TL 137					
	TIK NO. 1N135100 1N13510T	TIK NO. R1N135100	TIK NO. P1N135100	TIK NO. B1N135100	TIK NO. LNFF1N135100	
	REFERENCE NO. 12011-97004 12011-97012 12010-97006 12010-97079	REFERENCE NO. 12040-97007 12040-97126 12040-97127 12040-97527		REFERENCE NO. 12030-97000 12030-97001 12030-97002	REFERENCE NO. 11012-97001 11012-97025 11012-97063 11012-97077	
	Surface Treatment 0A					
RE8 8 Cyl.	∅ 135 -27.5	1-3.3K 1-3.0 1-5.0	∅ 46 TL 116 SP53G		TL OD FT FD	TIK NO. LKFF1N135200 LKFF1N13520T
	CD 78.5 TL 137					
	TIK NO. 1N135200 1N13520T	TIK NO. R1N135200	TIK NO. P1N135200	TIK NO. B1N135100	TIK NO. LNFF1N135200	
	REFERENCE NO. 12011-97107 12011-97113	REFERENCE NO. 12040-97012 12040-97061/8 12040-97074/9 12040-97325		REFERENCE NO. 12030-97000 12030-97001 12030-97002	REFERENCE NO. 11012-97118 11012-97161 11012-97127	
	Surface Treatment 0A					



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
RD8D 8Cyl.	∅ 135 -25 CD 82 TL 137	2-3.0 1-5.0	∅ 46 TL 116 SP53G		TL OD FT FD	TIK NO.
	TIK NO. 1N135300 1N13530T	TIK NO. R1N135300	TIK NO. P1N135300	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 12011-97012	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
PE6 6Cyl.	∅ 133 -32.5 CD 82 TL 132	1-4.0DK 1-3.5 1-6.0	∅ 46 TL 116 SP53G		TL OD FT FD	TIK NO. LKFF1N133100 LKFF1N13310T
	TIK NO. 1N133100 1N13310T	TIK NO. R1N133100	TIK NO. P1N133100	TIK NO. B1N125100	TIK NO. LNFF1N133100	
Surface Treatment 00	REFERENCE NO. 12011-96548 12011-96516 12011-96508	REFERENCE NO. 12040-96028 12040-96128 12040-96500 12040-96503		REFERENCE NO. 12030-96000 12030-96001	REFERENCE NO. 11012-96500 11012-96501 11012-96566	
PE6T 6Cyl.	∅ 133 -32.5 CD 82 TL 132	1-4.0K 1-3.5 1-6.0	∅ 46 TL 116 SP53G		TL OD FT FD	TIK NO. LKFF1N133200 LKFF1N13320T
	TIK NO. 1N133200 1N13320T	TIK NO. R1N133200	TIK NO. P1N133200	TIK NO. B1N125100	TIK NO. LNFF1N133100	
Surface Treatment 00	REFERENCE NO. 12011-96565 12011-96515	REFERENCE NO. 12040-96504 12040-96509 12040-96513 12040-96518		REFERENCE NO. 12030-96000 12030-96001	REFERENCE NO. 11012-96500 11012-96501 11012-96566	
PE6T NEW 6Cyl.	∅ 133 -29.7 CD 82 TL 132	1-4.0K 1-3.5 1-5.0	∅ 46 TL 108 SP53G		TL OD FT FD	TIK NO.
	TIK NO. 1N133300	TIK NO. R1N133300	TIK NO. P1N133300	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12011-96564	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
PD6 6 Cyl.	∅ 125 -30 CD 82 TL 132	1-5.0 1-3.5 1-5.0	∅ 46 TL 108 SP53G		TL OD FT FD	TIK NO. LKFF1N125100 LKFF 1N12510T
	TIK NO. 1N125100 1N12510T	TIK NO. R1N125100	TIK NO. P1N125100	TIK NO. B1N125100	TIK NO. LNFF1N125100	
Surface Treatment 00	REFERENCE NO. 12011-96000 12011-96007	REFERENCE NO. 12040-90026/29 12040-96004 12040-96009 12040-96026		REFERENCE NO. 12030-96000 12030-96001	REFERENCE NO. 11012-96000 11012-96001	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
PD6T 6Cyl.	∅ 125 -30 CD 82 TL 132	1-4.0DK 1-3.5 1-5.0	∅ 46 TL 108 SP53G		TL OD FT FD	TIK NO. LKFF1N125200 LKFF1N12520T
	TIK NO. 1N125200 1N12520T	TIK NO. R1N125200	TIK NO. P1N125200	TIK NO. B1N125100	TIK NO. LNFF1N125100	
REFERENCE NO. 12011-96009 12011-96005	REFERENCE NO. 12040-90228 12040-96005 12040-96125 12040-96129	REFERENCE NO. 12030-96000 12030-96001	REFERENCE NO. 11012-96000 11012-96001	Surface Treatment 00		
PD6T-KF 6Cyl.	∅ 125 -28.2 CD 82 TL 132	1-4.0K 1-3.5 1-5.0	∅ 46 TL 108 SP53G		TL OD FT FD	TIK NO.
	TIK NO. 1N125300 1N12530T	TIK NO. R1N125300	TIK NO. P1N125300	TIK NO.	TIK NO.	
REFERENCE NO.	REFERENCE NO. 12040-90228 12040-96005 12040-96125 12040-96129	REFERENCE NO. 12030-96000 12030-96001	REFERENCE NO. 11012-96000 11012-96001	Surface Treatment 00		
PD6/A 6Cyl.	∅ 125 -28.2 CD 82 TL 132.3	1-5.0 1-3.5 1-5.0	∅ 46 TL 108 R46		TL OD FT FD	TIK NO.
	TIK NO. 1N125400 1N12540T	TIK NO. R1N125400	TIK NO. P1N125400	TIK NO.	TIK NO.	
REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	Surface Treatment 00		
ND6-NEW 6Cyl.	∅ 110 -23.3 CD 68.3 TL 113.3	1-4.0 1-3.0 1-5.0	∅ 36 TL 94 R36		TL OD FT FD	TIK NO. LKFF1N110100 LKFF1N11010T
	TIK NO. 1N110100 1N11010T	TIK NO. R1N110100	TIK NO. P1N110100	TIK NO. B1N108010	TIK NO. LNFF1N110100	
REFERENCE NO. 12011-95000	REFERENCE NO. 12040-90127 12040-95006 12040-95025	REFERENCE NO. 12030-95000	REFERENCE NO. 11012-95001 11012-95002	Surface Treatment 0A		
NE6-OLD 6 Cyl.	∅ 110 -23.2 CD 68.3 TL 110.2	1-4.0 1-3.0 1-5.0	∅ 36 TL 94 R36		TL OD FT FD	TIK NO.
	TIK NO. 1N110200 1N11020T	TIK NO. R1N110200	TIK NO. P1N110200	TIK NO.	TIK NO.	
REFERENCE NO. 12011-95010	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	Surface Treatment 0A		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
NE6-NEW 6Cyl. 	Ø 110 -23.2	1-3.0K 1-2.5 1-4.0	Ø 36 TL 94 R36		TL		TIK NO. LKFF1N110300 LKFF1N11030T
	CD 68.3 TL 110.2				OD		
					FT		
					FD		
	TIK NO. 1N110300 1N11030T	TIK NO. R1N110300	TIK NO. P1N110300	TIK NO. B1N108010	TIK NO. LNFF1N110100		
REFERENCE NO. 12011-95105 12011-95073 12010-95105	REFERENCE NO. 12040-95012 12040-95013 12040-95014 12040-95016		REFERENCE NO. 12030-95000	REFERENCE NO. 11012-95001 11012-95002			
Surface Treatment 0A							
UD 6Cyl. 	Ø 110 -12.7	4-3.0 2-4.8	Ø 38 TL 94.2		TL		TIK NO.
	CD 90.05 TL 155				OD		
					FT		
					FD		
	TIK NO. 1N110400	TIK NO. R1N110400	TIK NO. P1N110400	TIK NO.	TIK NO.		
REFERENCE NO. 12010-90000	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0A							
NE6T 6Cyl. 	Ø 110 -21	1-3.0K 1-2.5 1-4.0	Ø 36 TL 95 SP40		TL		TIK NO. LKPF1N110500 LKPF1N11050T
	CD 68.3 TL 110.3				OD		
					FT		
					FD		
	TIK NO. 1N110500 1N11050T	TIK NO. R1N110300	TIK NO. P1N110500	TIK NO. B1N108010	TIK NO. LNPF1N110500		
REFERENCE NO. 12011-95074	REFERENCE NO. 12040-95012 12040-95013 12040-95014 12040-95016		REFERENCE NO. 12030-95000	REFERENCE NO. 11012-95065 11012-95066			
Surface Treatment 0A							
FE6TN 6Cyl. 	Ø 108 -21.7	1-2.7K 1-2.0 1-4.0	Ø 36 TL 93 SP40		TL		TIK NO. LKPF1N108010 LKPF1N10801T
	CD 65.5 TL 103.57				OD		
					FT		
					FD		
	TIK NO. 1N108010 1N10801T	TIK NO. R1N108010	TIK NO. P1N108010	TIK NO. B1N108010	TIK NO. LNPF1N108010		
REFERENCE NO. 12011-Z5768 12011-96507	REFERENCE NO. 12040-Z5505 12040-Z5512 12040-Z5517		REFERENCE NO. 12030-95000	REFERENCE NO. 11012-Z5518			
Surface Treatment 00							
FE6B 6 Cyl. 	Ø 108 -23	1-2.6K 1-2.0 1-4.0	Ø 36 TL 93 SP40		TL		TIK NO. LKPF1N108020 LKPF1N10802T
	CD 65.6 TL 103.6				OD		
					FT		
					FD		
	TIK NO. 1N108020 1N10802T	TIK NO. R1N108020	TIK NO. P1N108020	TIK NO. B1N108010	TIK NO. LNPF1N108010		
REFERENCE NO. 12011-Z5615 12011-Z5801	REFERENCE NO. 12040-Z5211 12040-Z5504 12040-Z5511		REFERENCE NO. 12030-95000	REFERENCE NO. 11012-Z5518			
Surface Treatment 0G							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
FE6TB 6Cyl.	Ø 108 -22	1-2.6K 1-2.0 1-3.0	Ø 36 TL 93 SP42G		TL OD FT FD	TIK NO.
	CD 59.2 TL 87.2					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N108030 1N10803L 1N10803T 1N10803H REFERENCE NO. 12010-19D00	R1N108030 REFERENCE NO.	P1N108030 REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						
FE6C 6Cyl.	Ø 108 -19.4	1-3.0K 1-2.0 1-4.0	Ø 36 TL 92 SP39		TL OD FT FD	TIK NO. LKPF1N108040 LKPF1N10804T
	CD 65.4 TL 103.4					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N108040 1N10804T REFERENCE NO. 12011-Z5801	R1N108020 REFERENCE NO. 12040-Z5211 12040-Z5504 12040-Z5511	P1N108040 REFERENCE NO.	B1N108010 REFERENCE NO. 12030-95000	LNPFF1N108010 REFERENCE NO. 11012-Z5518	
Surface Treatment 0F						
FD42/A 4Cyl.	Ø 108 -21.8	1-3.0 1-2.0 1-4.0	Ø 36 TL 93 R36		TL OD FT FD	TIK NO. LKFF1N108050 LKFF1N10805T
	CD 59.1 TL 87.2					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N108050 1N10805T REFERENCE NO. 12010-0T016	R1N108050 REFERENCE NO. 12033-0T000 12033-0T010 12033-0T011 12033-0T060	P1N108050 REFERENCE NO.	B1N108050 REFERENCE NO. 12030-0T000 12030-0T001	LNFF1N108050 REFERENCE NO. 11012-0T000 11012-0T001	
Surface Treatment 0A						
FE6T 6Cyl.	Ø 108 -19.8	1-3.0K 1-2.0 1-4.0	Ø 36 TL 94 R36		TL OD FT FD	TIK NO. LKPF1N108100 LKPF 1N10810T
	CD 65.5 TL 103.7					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N108100 1N10810T REFERENCE NO. 12010-96507 12011-96507	R1N108010 REFERENCE NO. 12040-Z5505 12040-Z5512 12040-Z5517	P1N108100 REFERENCE NO.	B1N108010 REFERENCE NO. 12030-95000	LNPFF1N108010 REFERENCE NO. 11012-Z5518	
Surface Treatment 0A						
FE6 6 Cyl.	Ø 108 -19.8	1-3.0 1-2.0 1-4.0	Ø 36 TL 94 R36		TL OD FT FD	TIK NO. LKPF1N108200 LKPF1N10820T
	CD 65.5 TL 103.7					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N108200 1N10820T REFERENCE NO. 12010-Z5615 12011-Z5615 12011-Z5801	R1N108020 REFERENCE NO. 12040-Z5211 12040-Z5504 12040-Z5511	P1N108200 REFERENCE NO.	B1N108010 REFERENCE NO. 12030-95000	LNPFF1N108010 REFERENCE NO. 11012-Z5518	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
FE6A 6Cyl.	∅ 108 -21.4	1-2.5K 1-2.0 1-4.0	∅ 36 TL 90 R40		TL OD FT FD	TIK NO. LKPF1N108300 LKPF1N10830T
	TIK NO. 1N108300 1N10830T	TIK NO. R1N108300	TIK NO. P1N108300	TIK NO. B1N108010	TIK NO. LNPF1N108010	
	REFERENCE NO. 12011-Z5968	REFERENCE NO. 12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564		REFERENCE NO. 12030-95000	REFERENCE NO. 11012-Z5518	
	Surface Treatment 0F					
FD46 4Cyl.	∅ 108 -22	1-3.0 1-2.0 1-4.0	∅ 36 TL 93 SP40		TL OD FT FD	TIK NO. LKFF1N108400 LKFF1N10840T
	TIK NO. 1N108400 1N10840T	TIK NO. R1N108050	TIK NO. P1N108400	TIK NO. B1N108050	TIK NO. LNFF1N108050	
	REFERENCE NO. 12010-0T016	REFERENCE NO. 12033-0T000 12033-0T010 12033-0T011 12033-0T060		REFERENCE NO. 12030-0T000 12030-0T001	REFERENCE NO. 11012-0T300	
	Surface Treatment 0A					
FE6TA 6Cyl.	∅ 108 -20.3	1-3.0K 1-4.0 1-2.0	∅ 36 TL 93 SP40		TL OD FT FD	TIK NO. LKPF1N108500 LKPF1N10850T
	TIK NO. 1N108500 1N10850T	TIK NO. R1N108300	TIK NO. P1N108500	TIK NO. B1N108010	TIK NO. LNPF1N108010	
	REFERENCE NO. 12013-Z5507 12010-Z5507	REFERENCE NO. 12040-Z5519 12040-Z5560 12040-Z5561 12040-Z5564		REFERENCE NO. 12030-95000	REFERENCE NO. 11012-Z5518	
	Surface Treatment 0A					
FD46T 4Cyl.	∅ 108 -22.2	1-3.0 1-2.0 1-4.0	∅ 36 TL 93 SP40		TL OD FT FD	TIK NO. LKFF1N108600 LKFF1N10860L LKFF1N10860T LKFF1N10860H
	TIK NO. 1N108600 1N10860L 1N10860T 1N10860H	TIK NO. R1N108050	TIK NO. P1N108600	TIK NO. B1N108050	TIK NO. LNFF1N108600	
	REFERENCE NO. 12010-0T302 12010-0T312	REFERENCE NO. 12033-0T000 12033-0T010 12033-0T011 12033-0T060		REFERENCE NO. 12030-0T000 12030-0T001	REFERENCE NO. 11012-0T300	
	Surface Treatment 0A					
FD35T 4 Cyl.	∅ 102.5 -16	1-3.0K 1-2.0 1-4.0	∅ 34 TL 85 R34		TL OD FT FD	TIK NO. LKFF1N102100 LKFF 1N10210T
	TIK NO. 1N102100 1N10210T	TIK NO. R1N102100	TIK NO. P1N102100	TIK NO. B1N1001A0	TIK NO. LNFF1N102100	
	REFERENCE NO. 12010-01T13 12010-01T03	REFERENCE NO. 12033-01T60		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-01T01	
	Surface Treatment 0A					

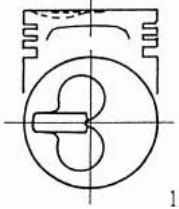
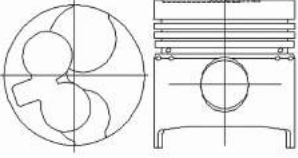

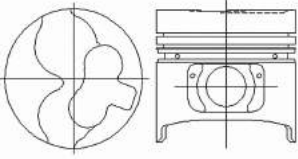
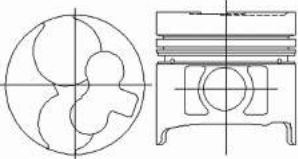
ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
FD35 4Cyl. 	Ø 102.5 -16 CD 59.2 TL 98.2	2-2.0 1-4.0	Ø 34 TL 85 R34		TL OD FT FD	TIK NO. LKFF1N102200 LKFF1N10220T
	TIK NO. 1N102200 1N10220T	TIK NO. R1N102200	TIK NO. P1N102200	TIK NO. B1N1001A0	TIK NO. LNFF1N102100	
	REFERENCE NO. 12010-01T14 12010-01T04	REFERENCE NO. 12033-01T10		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-01T01	
	Surface Treatment 0A					
ED33 4Cyl. 	Ø 100 -2.1 CD 59 TL 103	1-3.0 1-2.0 1-4.5	Ø 34 TL 85 R34		TL OD FT FD	TIK NO. LKFF1N1001A0 LKFF1N1001AT
	TIK NO. 1N1001A0 1N1001AT	TIK NO. R1N1001A0	TIK NO. P1N1001A0	TIK NO. B1N1001A0	TIK NO. LNFF1N1001A0	
	REFERENCE NO. 12010-J6500 12010-J6501 12010-T9000	REFERENCE NO. 12033-J6500 12033-J6501 12033-J9000 12033-T9000		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-T9000 11012-T9001	
	Surface Treatment 0A					
ED33 NEW 4Cyl. 	Ø 100 -1.8 CD 59 TL 103	1-3.0 1-2.0 1-4.5	Ø 34 TL 85 R34		TL OD FT FD	TIK NO. LKFF1N1001B0
	TIK NO. 1N1001B0	TIK NO. R1N1001A0	TIK NO. P1N1001B0	TIK NO. B1N1001A0	TIK NO. LNFF1N1001A0	
	REFERENCE NO. 12010-T9000	REFERENCE NO. 12033-J6500 12033-J6501 12033-J9000 12033-T9000		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-T9000 11012-T9001	
	Surface Treatment 0A					
FD6 6Cyl. 	Ø 100 -18.5 CD 65.5 TL 109.5	1-3.0 1-2.0 1-4.5	Ø 34 TL 84 R34		TL OD FT FD	TIK NO. LKCF1N100200 LKCF1N10020T
	TIK NO. 1N100200 1N10020T	TIK NO. R1N100200	TIK NO. P1N100200	TIK NO. B1N100200	TIK NO. LNCF1N100200	
	REFERENCE NO. 12011-Z5576 12011-Z5572	REFERENCE NO. 12040-Z5528		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-Z5001 11012-Z5020 11012-Z5508 11012-Z5509	
	Surface Treatment 0A					
FD6TA 6 Cyl. 	Ø 100 -21.5 CD 65.5 TL 109.5	1-3.0K 2-2.0 1-4.5	Ø 34 TL 84 R34		TL OD FT FD	TIK NO. LKCF1N100300 LKCF1N10030T
	TIK NO. 1N100300 1N10030T	TIK NO. R1N100300	TIK NO. P1N100300	TIK NO. B1N100200	TIK NO. LNCF1N100200	
	REFERENCE NO. 12011-Z5509	REFERENCE NO. 12033-Z5502 12033-Z5527 12040-Z5527		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-Z5001 11012-Z5020 11012-Z5508 11012-Z5509	
	Surface Treatment 0A					



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
FD1 6Cyl.	∅ 100 CD 65.5 TL 109.5	1-3.0K 1-2.0 1-4.5	∅ 34 TL 85 R34		TL OD FT FD		TIK NO.
	TIK NO. 1N100400	TIK NO. R1N100400	TIK NO. P1N100400	TIK NO.	TIK NO.		
	REFERENCE NO. 12040-25028	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0A							
FD6TC 6Cyl.	∅ 100 -21.5 CD 65.5 TL 109.5	1-1.3.0K 1-2.0 1-4.5	∅ 34 TL 84 R34		TL OD FT FD		TIK NO. LKCF1N100500 LKCF1N10050T
	TIK NO. 1N100500 1N10050T	TIK NO. R1N100200	TIK NO. P1N100500	TIK NO. B1N100200	TIK NO. LNCF1N100200		
	REFERENCE NO. 12011-Z5572 12010-Z5572	REFERENCE NO. 12040-Z5528		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-Z5001 11012-Z5020 11012-Z5508 11012-Z5509		
Surface Treatment 0A							
FD6TB 6Cyl.	∅ 100 -18.5 CD 65.5 TL 109.5	1-3.0K 1-2.0 1-4.5	∅ 34 TL 84 R34		TL OD FT FD		TIK NO. LKCF1N100600 LKCF1N10060T
	TIK NO. 1N100600 1N10060T	TIK NO. R1N100200	TIK NO. P1N100600	TIK NO. B1N100200	TIK NO. LNCF1N100200		
	REFERENCE NO. 12011-Z5600 12010-Z5600	REFERENCE NO. 12033-Z5504 12040-Z5528		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-Z5001 11012-Z5020 11012-Z5508 11012-Z5509		
Surface Treatment 0A							
FD33T 4Cyl.	∅ 100 -21 CD 59.2 TL 103.3	1-3.0K 1-2.0 1-4.5	∅ 34 TL 85 R34		TL OD FT FD		TIK NO. LKFF1N100700 LKFF1N10070T
	TIK NO. 1N100700 1N10070T	TIK NO. R1N100700	TIK NO. P1N100700	TIK NO. B1N1001A0	TIK NO. LNFF1N100700		
	REFERENCE NO. 12011-T9300 12010-T9300	REFERENCE NO. 12033-T9302 12033-T9307 12033-T9308		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-02T01 11012-02T10 11012-T9017		
Surface Treatment 0A							
FD33 4 Cyl.	∅ 100 -21 CD 59.2 TL 103.2	1-3.0 1-2.0 1-4.5	∅ 34 TL 85 R34		TL OD FT FD		TIK NO. LKFF1N100800 LKFF1N10080T
	TIK NO. 1N100800 1N10080T	TIK NO. R1N1001A0	TIK NO. P1N100800	TIK NO. B1N1001A0	TIK NO. LNFF1N100700		
	REFERENCE NO. 12011-T9313 12010-T9313	REFERENCE NO. 12033-J6500 12033-J6501 12033-J9000 12033-T9000		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-02T01 11012-02T10 11012-T9017		
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
FD33/A 4Cyl.	Ø 100 -18.3	1-2.5K 1-2.0 1-4.0	Ø 34 TL 85 R34		TL OD FT FD	TIK NO. LKFF1N100900 LKFF1N10090T
	CD 59.2 TL 98.1					
	TIK NO. 1N100900 1N10090T	TIK NO. R1N1001A0	TIK NO. P1N100900	TIK NO. B1N1001A0	TIK NO. LNFF1N100700	
	REFERENCE NO. 12010-T9313	REFERENCE NO. 12033-J6500 12033-J6501 12033-J9000 12033-T9000		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-02T01 11012-02T10 11012-T9017	
Surface Treatment 0A						
TB45 6Cyl.	Ø 99.5	1-2.0 1-1.5 1-4.0	Ø 22.99 TL 65 R23		TL OD FT FD	TIK NO.
	CD 40.3 TL 80					
	TIK NO. 1N999100	TIK NO. R1N999100	TIK NO. P1N999100	TIK NO.	TIK NO. LNSN1N999100	
	REFERENCE NO. A2010-VB010 A2010-VB08B	REFERENCE NO. 12033-VB000 12033-VC200 12036-VB000 12038-VB000		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0F						
TB48DE 6Cyl.	Ø 99.5	1-2.0 1-1.5 1-4.0	Ø 22.99 TL 61 R23		TL OD FT FD	TIK NO.
	CD 40.3 TL 80					
	TIK NO. 1N999200	TIK NO. R1N999100	TIK NO. P1N999200	TIK NO.	TIK NO. LNSN1N999100	
	REFERENCE NO. A2010-VC210 A2010-VC201 A2010-VC202 A2010-VC203	REFERENCE NO. 12033-VB000 12033-VC200 12036-VB000 12038-VB000		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0F						
QD32 4Cyl.	Ø 99.2 -2.4	1-2.5 1-2.0 1-3.0	Ø 33 TL 79 SP36		TL 160.0 OD 103.2 FT 5.0 FD 107.0	TIK NO. LKSN1N992100 LKSN1N99210T
	CD 45.3 TL 69.8					
	TIK NO. 1N992100 1N99210T	TIK NO. R1N992100	TIK NO. P1N992100	TIK NO. B1N961100	TIK NO. LNSN1N992100	
	REFERENCE NO. 12010-2S615 12010-2S605	REFERENCE NO. 12033-2S610		REFERENCE NO. 12030-1W400 12030-2W200	REFERENCE NO. 11012-2S611	
Surface Treatment 0A						
QD32/A 4 Cyl.	Ø 99.2 -2.4	1-2.5 1-2.0 1-3.0	Ø 33 TL 78.4 SP36		TL 160.0 OD 103.2 FT 5.0 FD 107.0	TIK NO. LKSN1N9921WT
	CD 45.25 TL 69.8					
	TIK NO. 1N9921WT	TIK NO. R1N9921WT	TIK NO. P1N9921WT	TIK NO. B1N961100	TIK NO. LNSN1N992100	
	REFERENCE NO. 12010-2S615	REFERENCE NO. 12033-1W411		REFERENCE NO. 12030-1W400 12030-2W200	REFERENCE NO. 11012-2S611	
Surface Treatment 0A						

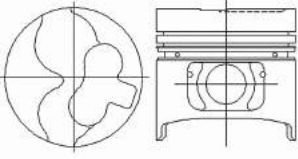
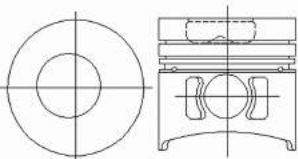
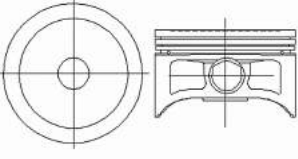
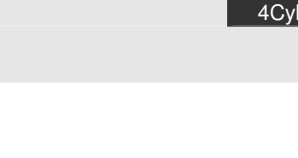
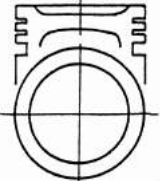
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QD32/B 4Cyl.  149 Surface Treatment	Ø	99.2	1-2.5K		Ø	33			TL		TIK NO.
		-2.2	1-2.0		TL	78			OD		
	CD	45.3	1-3.0			SP36			FT		
	TL	69.8							FD		
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
	1N99220H 1N99220L		R1N99220H		P1N99220H						
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
ED30 4Cyl.  Surface Treatment 0A	Ø	98	1-3.0		Ø	32			TL		TIK NO. LKFF1N9801A0 LKFF 1N9801AT
		-1.5	2-2.0		TL	85			OD		
	CD	59	1-4.5			R32			FT		
	TL	103							FD		
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
	1N9801A0 1N9801AT		R1N9801A0		P1N9801A0		B1N9801A0		LNFF1N9801A0		
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
	12010-J2000 12010-J2001		12033-J2001 12033-J2002 12033-J2004 12033-J2006				12030-J2000		11012-J2000 11012-J2001		
ED30 NEW 4Cyl.  111 Surface Treatment	Ø	98	1-3.0		Ø	32			TL		TIK NO. LKFF1N980200 LKFF1N98020T
		-1.7	1-2.0		TL	85			OD		
	CD	59	1-4.5			R32			FT		
	TL	103							FD		
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
	1N980200 1N98020T		R1N980200		P1N980200		B1N9801A0		LNFF1N9801A0		
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
	12010-J5571		12033-J5571 12033-J5572 12033-J5574 12033-J5576				12030-J2000		11012-J2000 11012-J2001		
TD27 4Cyl.  Surface Treatment 0A	Ø	96	1-2.5		Ø	28			TL		TIK NO. LKFF1N960100 LKFF1N96010T
		-2	1-2.0		TL	80			OD		
	CD	50.2	1-4.0			R28			FT		
	TL	87							FD		
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
	1N960100 1N96010T		R1N960100		P1N960100		B1N930100		LNFF1N960100		
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
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TD27T 4 Cyl.  Surface Treatment 0A	Ø	96	1-2.5K		Ø	30			TL		TIK NO. LKFF1N960200 LKFF1N96020L LKFF1N96020T LKFF1N96020H
		-1.7	1-2.0		TL	80			OD		
	CD	50.3	1-4.0			SP33			FT		
	TL	87							FD		
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
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	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
	12010-31N02 12010-31N03 12010-05D00 12010-05D10		12033-31N11 12033-37N10 12033-63G10				12030-31N00 12030-G2400		11012-2S000 11012-43G00 11012-43G05 11012-43G10		

ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
TD27-NEW 4Cyl.	∅ 96 -1.7 CD 50.3 TL 86	1-2.5 1-2.0 1-3.0	∅ 30 TL 75 R30		TL OD FT FD		TIK NO. LKFF1N960400 LKFF1N96040W LKFF1N96040T
	TIK NO. 1N960400 1N96040W 1N96040T	TIK NO. R1N960400	TIK NO. P1N960400	TIK NO. B1N930200	TIK NO. LNFF1N960100		
Surface Treatment 0A	REFERENCE NO. 12010-6T000 12010-6T010	REFERENCE NO. 12033-6T010 12033-6T011		REFERENCE NO. 12030-31N00 12030-G2400	REFERENCE NO. 11012-2S000 11012-43G00 11012-43G05 11012-43G10		
TB42 6Cyl.	∅ 96 CD 40.5 TL 80	2-2.0 1-4.0	∅ 23 TL 76 R23		TL OD FT FD		TIK NO.
	TIK NO. 1N960500	TIK NO. R1N960500	TIK NO. P1N960500	TIK NO.	TIK NO. LNSN1N960500		
Surface Treatment 00	REFERENCE NO. 12010-03J61 12010-03J11 12010-03J62 12010-03J10	REFERENCE NO. 12033-03J00 12033-03J10 12036-03J00 12038-03J00		REFERENCE NO.	REFERENCE NO.		
BD30 4Cyl.	∅ 96 -20 CD 53.1 TL 89.5	1-2.5 1-2.0 1-4.0	∅ 30 TL 80 SP33		TL OD FT FD		TIK NO. LKFF1N960600 LKFF1N96060L LKFF1N96060T LKFF1N96060H
	TIK NO. 1N960600 1N96060L 1N96060T 1N96060H	TIK NO. R1N960600	TIK NO. P1N960600	TIK NO. B1N930200	TIK NO. LNFF1N960600		
Surface Treatment 0A	REFERENCE NO. 12010-54T00 12010-54T01 12010-54T10 12010-54T11	REFERENCE NO. 12033-43G10 12033-43G11 12033-54T10 12033-54T11		REFERENCE NO. 12030-31N00 12030-G2400	REFERENCE NO. 11012-54T00		
TD27Ti TD27Ti New 4Cyl.	∅ 96 -1.5 CD 50.5 TL 74	1-2.5K 1-2.0 1-3.0	∅ 30 TL 80B1 R30		TL OD FT FD		TIK NO. LKFF1N960800 LKFF1N96080L LKFF1N96080T LKFF1N96080H
	TIK NO. 1N960800 1N96080L 1N96080T 1N96080H	TIK NO. R1N960800	TIK NO. P1N960800	TIK NO. B1N930200	TIK NO. LNFF1N960100		
Surface Treatment 0M	REFERENCE NO. A2010-7F406 A2010-7F406	REFERENCE NO. 12033-0W813 12033-0W814 12033-0W81A 12033-2W211		REFERENCE NO. 12030-31N00 12030-G2400	REFERENCE NO. 11012-2S000 11012-43G00 11012-43G05 11012-43G10		
ZD30E 4 Cyl.	∅ 96 -18.2 CD 50.1 TL 74.1	1-2.0 1-1.2 1-2.0	∅ 33 TL 78 SP36		TL OD FT FD		TIK NO.
	TIK NO. 1N960900 1N96090L 1N96090T 1N96090H	TIK NO. R1N960900	TIK NO. P1N960900	TIK NO.	TIK NO.		
Surface Treatment 0A	REFERENCE NO. 12011-VW211B 12010-KW200	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
TD42/A	∅ 96	1-2.5	∅ 30		TL		TIK NO.
TD27/A	6Cyl. -1.8	1-2.0	TL 74		OD		LKFF1N961000
	CD 50.3	1-3.0	SP33		FT		LKFF1N96100T
	TL 86				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1N961000 1N96100T	R1N961000	P1N961000	B1N961000	LNFF1N961000		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	12010-10T15	12033-06J15		12030-31N00	11012-06J00		
	Surface Treatment						
	0A						
ZD30	∅ 96	1-2.5K	∅ 33		TL	165.0	TIK NO.
	4Cyl. -19.6	1-2.0	TL 78		OD	100.0	LKSN1N961100
	CD 50.1	1-3.0	SP36		FT	5.0	LKSN1N96110L
	TL 74.1				FD	104.0	LKSN1N96110T
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		LKSN1N96110H
	1N961100 1N96110L 1N96110T 1N96110H	R1N960800	P1N961100	B1N961100	LNSN1N961100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	12010-VC101 12010-VD112 12010-VC102	12033-0W813 12033-0W814 12033-0W81A 12033-2W211		12030-1W400 12030-2W200			
	Surface Treatment						
	0G						
ZD30DDTI	∅ 96	1-2.5K	∅ 33		TL	165.0	TIK NO.
	4Cyl. -19.6	1-2.0	TL 78		OD	100.0	LKSN1N961200
	CD 50.1	1-2.0	SP38G		FT	5.0	LKSN1N96120L
	TL 74.1				FD	104.0	LKSN1N96120T
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		LKSN1N96120H
	1N961200 1N96120L 1N96120T 1N96120H	R1N961200	P1N961200	B1N961100	LNSN1N961100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	12010-KX201	12033-DB010 12033-VK610		12030-1W400 12030-2W200			
	Surface Treatment						
	0A						
VQ35DE	∅ 95.5	1-1.2	∅ 21.996		TL		TIK NO.
	6Cyl.	1-1.2	TL 58		OD		
	CD 29.6	1-2.5	R22		FT		
	TL 52.6				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1N955010	R1N955010	P1N955010		LNSN1N955010		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	A2010-4W161	12033-4W003/4 12033-4W005/7 12033-8J100 12033-JP00A					
	Surface Treatment						
	0W						
VQ40DE	∅ 95.5	1-1.2	∅ 21.996		TL		TIK NO.
	6 Cyl. -3	1-1.2	TL 58		OD		
	CD 31.6	1-2.5	R22		FT		
	TL 55.1				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1N955020	R1N955010	P1N955020		LNSN1N955020		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	12010-EA201 12010-EA200 12010-EA202	12033-4W003/4 12033-4W005/7 12033-8J100 12033-JP00A					
	Surface Treatment						
	0W						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
TD25 4Cyl.	∅ 93 -1.5 CD 50.3 TL 87	1-2.5 1-2.0 1-4.0	∅ 28 TL 80 R28		TL OD FT FD	TIK NO. LKFF1N930100 LKFF1N93010T
	TIK NO. 1N930100 1N93010T	TIK NO. R1N930100	TIK NO. P1N930100	TIK NO. B1N930100	TIK NO. LNFF1N930100	
Surface Treatment 0A	REFERENCE NO. 12010-44G12 12010-44G02 12010-44G11 12010-44G01	REFERENCE NO. 12033-44G10 A2033-44G00		REFERENCE NO. 12030-43G00	REFERENCE NO. 11012-44G05 11012-44G10 11012-87G00	
BD25 4Cyl.	∅ 93 -16.5 CD 53 TL 90	1-2.5 1-2.0 1-4.0	∅ 30 TL 80 SP33		TL OD FT FD	TIK NO. LKFF1N930200 LKFF1N93020T
	TIK NO. 1N930200 1N93020T	TIK NO. R1N930100	TIK NO. P1N930200	TIK NO. B1N930200	TIK NO. LNFF1N930100	
Surface Treatment 0A	REFERENCE NO. 12010-87G01 12010-87G11 12010-88G01	REFERENCE NO. 12033-44G00 12033-44G10 A2033-44G00		REFERENCE NO. 12030-31N00 12030-G2400	REFERENCE NO. 11012-44G05 11012-44G10 11012-87G00	
VQ30DE 6Cyl.	∅ 93 -0.4 CD 30.4 TL 58	2-1.2 1-2.5	∅ 22 TL 58 R22		TL OD FT FD	TIK NO.
	TIK NO. 1N930300	TIK NO. R1N930300	TIK NO. P1N930300	TIK NO.	TIK NO. LNSN1N930300	
Surface Treatment 0M	REFERENCE NO. A2010-38U10 A2010-38U11 A2010-38U12	REFERENCE NO. 12033-2Y900/01 12033-2Y902/03 12033-47001 12033-47U01		REFERENCE NO.	REFERENCE NO.	
TD25T 4Cyl.	∅ 93 -1.5 CD 50.5 TL 86.2		∅ 30 TL 74.5 SP33		TL OD FT FD	TIK NO.
	TIK NO. 1N930400 1N93040T	TIK NO.	TIK NO. P1N930400	TIK NO.	TIK NO.	
Surface Treatment	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
H25 4 Cyl.	∅ 92 -5.2 CD 36 TL 72	1-2.0 1-2.5 1-4.0	∅ 21 TL 72		TL 172.0 OD 96.0 FT FD	TIK NO.
	TIK NO. 1N920100	TIK NO. R1N920100	TIK NO. P1N920100	TIK NO.	TIK NO. LNSN1N920100	
Surface Treatment 00	REFERENCE NO. 12010-60K00 12010-60K70 12010-60K71 12010-60K72	REFERENCE NO. 12033-60K00 12035-60K00 12036-60K00 12037-60K00		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
VG33E 6Cyl.	∅ 91.5 -6 CD 32 TL 62.5	2-1.5 1-2.8	∅ 20.98 TL 60 R21		TL OD FT FD	TIK NO.
	TIK NO. 1N915100	TIK NO. R1N915100	TIK NO. P1N915100	TIK NO.	TIK NO. LNSN1N915100	
Surface Treatment 00	REFERENCE NO. A2010-0W000 A2010-1W201 A2010-1W200	REFERENCE NO. 12033-0W000 12033-0W010 12033-7B000 12035-0W000		REFERENCE NO.	REFERENCE NO.	
SD25 4Cyl.	∅ 89 -2.4 CD 48 TL 90	1-2.5 1-2.0 1-4.5	∅ 26 TL 74 SP29		TL OD FT FD	TIK NO. LKFF1N8901A0 LKFF1N8901AT
	TIK NO. 1N8901A0 1N8901AT	TIK NO. R1N8901A0	TIK NO. P1N8901A0	TIK NO. B1N8301C0	TIK NO. LNFF1N8901A0	
Surface Treatment 0A	REFERENCE NO. 12010-L2002	REFERENCE NO. 12033-L2000 12033-L2002 12033-L2003 12033-L2004		REFERENCE NO. 12030-L2000	REFERENCE NO. 11012-L2002 11012-L2003 11012-L2004	
SD25E 4Cyl.	∅ 89 -3.2 CD 48.4 TL 80	1-2.5 1-2.0 1-4.5	∅ 26 TL 74 SP29		TL OD FT FD	TIK NO.
	TIK NO. 1N8901B0 1N8901BT	TIK NO. R1N8901B0	TIK NO. P1N8901B0	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 12010-T7205 12010-T6205 12010-T7204 12010-T6206	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
SD23 4Cyl.	∅ 89 -2.5 CD 48 TL 90	1-2.5 1-2.0 1-4.5	∅ 26 TL 74 SP29		TL OD FT FD	TIK NO. LKFF1N8902A0 LKFF1N8902AT
	TIK NO. 1N8902A0 1N8902AT	TIK NO. R1N8901A0	TIK NO. P1N8902A0	TIK NO. B1N8301C0	TIK NO. LNFF1N8901A0	
Surface Treatment 0A	REFERENCE NO. 12010-T6202 12010-09W01	REFERENCE NO. 12033-L2000 12033-L2002 12033-L2003 12033-L2004		REFERENCE NO. 12030-L2000	REFERENCE NO. 11012-L2002 11012-L2003 11012-L2004	
Z24 4 Cyl.	∅ 89 -4 CD 34 TL 70.5	1-2.0 1-1.5 1-4.0	∅ 21 TL 66		TL 150.0 OD 93.0 FT FD	TIK NO. LKSN1N890300
	TIK NO. 1N890300	TIK NO. R1N890300	TIK NO. P1N890300	TIK NO.	TIK NO. LNSN1N890300	
Surface Treatment 00	REFERENCE NO. 12010-83W01 12010-83W02 12010-83W11	REFERENCE NO. 12033-13A00 12033-13G00/10 12033-21G00/10 12033-83W00		REFERENCE NO.	REFERENCE NO. 11012-10W01 11012-30W01	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
Z24S 4Cyl.	Ø 89 -4 CD 34 TL 70.5	2-1.5 1-4.0	Ø 21 TL 66		TL 150.0 OD 93.0 FT FD	TIK NO.
	TIK NO. 1N890400	TIK NO. R1N890400	TIK NO. P1N890400	TIK NO.	TIK NO. LNSN1N890300	
Surface Treatment 00	REFERENCE NO. 12010-30W01 12010-30W11	REFERENCE NO. 12033-10W00 12033-30W10		REFERENCE NO.	REFERENCE NO. 11012-10W01 11012-30W01	
TD23 4Cyl.	Ø 89 -2 CD 48.5 TL 84	1-2.5 1-2.0 1-4.0	Ø 26 TL 74 SP29		TL OD FT FD	TIK NO. LKFF1N890500 LKFF1N89050T
	TIK NO. 1N890500 1N89050T	TIK NO. R1N890500	TIK NO. P1N890500	TIK NO. B1N890500	TIK NO. LNFF1N890500	
Surface Treatment 0A	REFERENCE NO. 12010-02N07 12010-02N06 12010-02N16 12010-02N17	REFERENCE NO. 12033-02N00 12033-02N01 12033-02N10 12033-02N11		REFERENCE NO. 12030-02N00	REFERENCE NO. 11012-02N00 11012-02N10 11012-02N17	
KA24E 4Cyl.	Ø 89 -0.5 CD 34 TL 68.3	2-1.5 1-2.8	Ø 21 TL 59 R21		TL 150.0 OD 93.0 FT FD	TIK NO.
	TIK NO. 1N890700	TIK NO. R1N890700	TIK NO. P1N890700	TIK NO.	TIK NO. LNSN1N890300	
Surface Treatment 00	REFERENCE NO. A2010-30R10 12010-40F10	REFERENCE NO. 12033-1E400 12033-30R00 12033-4E100/10 12033-53F00/01		REFERENCE NO.	REFERENCE NO. 11012-10W01 11012-30W01	
KA24DE 4Cyl.	Ø 89 -6.5 CD 34 TL 68.3	1-1.5 1-1.5 1-2.8	Ø 21 TL 61 R21		TL 150.0 OD 93.0 FT FD	TIK NO.
	TIK NO. 1N890800	TIK NO. R1N890700	TIK NO. P1N890800	TIK NO.	TIK NO. LNSN1N890300	
Surface Treatment 0F	REFERENCE NO. A2010-53F00 A2010-1E400	REFERENCE NO. 12033-1E400 12033-30R00 12033-4E100/10 12033-53F00/01		REFERENCE NO.	REFERENCE NO. 11012-10W01 11012-30W01	
KA24DE 4 Cyl.	Ø 89 -6.5 CD 34 TL 60.9	2-1.2 1-2.5	Ø 20.992 TL 57 R21		TL 150.0 OD 93.0 FT FD	TIK NO.
	TIK NO. 1N890900	TIK NO. R1N890900	TIK NO. P1N890900	TIK NO.	TIK NO. LNSN1N890300	
Surface Treatment 0Y	REFERENCE NO. A2010-9E000	REFERENCE NO. 12033-5V110 12033-8H300 12033-8H301 12033-9E000		REFERENCE NO.	REFERENCE NO. 11012-10W01 11012-30W01	

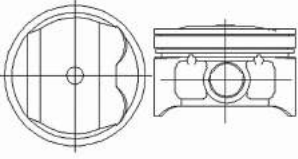
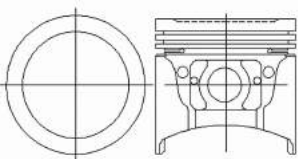
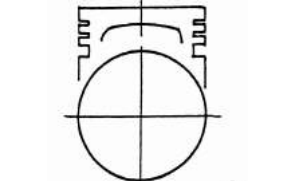
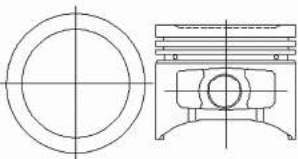
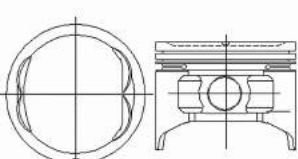


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
Z24A 4Cyl.	Ø 89 -4.1 CD 34 TL 70.5	1-2.0 1-1.5 1-4.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 1N891000	TIK NO. R1N891000	TIK NO. P1N891000	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
FJ20-OLD 4Cyl.	Ø 89 -4 CD 32 TL 65	2-1.5 1-2.8	Ø 22 TL 75.5 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1N891100	TIK NO. R1N891100	TIK NO. P1N891100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
KA24E/A 4Cyl.	Ø 89 -0.5 CD 34 TL 68.32	2-1.5 1-2.8	Ø 21 TL 66.5		TL 150.0 OD 93.0 FT FD	TIK NO.
	TIK NO. 1N891200	TIK NO. R1N890700	TIK NO. P1N891200	TIK NO.	TIK NO. LNSN1N890300	
Surface Treatment 00	REFERENCE NO. 12010-86G20 12010-86G21 12010-86G22 12010-86G60	REFERENCE NO. 12033-1E400 12033-30R00 12033-4E100/10 12033-53F00/01	REFERENCE NO.	REFERENCE NO.	REFERENCE NO. 11012-10W01 11012-30W01	
YD25DDTI 4Cyl.	Ø 89 -18 CD 48.8 TL 80	1-2.1K 1-2.0 1-3.0	Ø 28 TL 61 R28		TL 167.0 OD 92.5 FT 4.0 FD 94.0	TIK NO. LKSN1N891300 LKSN1N89130L LKSN1N89130T LKSN1N89130H
	TIK NO. 1N891300 1N89130L 1N89130T 1N89130H	TIK NO. R1N891300	TIK NO. P1N891300	TIK NO. B1N860700	TIK NO. LNSN1N891300	
Surface Treatment 0A	REFERENCE NO. A2010-VK510 A2010-VK516 A2010-VK515	REFERENCE NO. 12033-VK500 12033-VK510 12033-VK520 12033-EB300	REFERENCE NO.	REFERENCE NO. 12030-AD200	REFERENCE NO.	
QR25DE 4 Cyl.	Ø 89 -4 CD 32 TL 54.9	2-1.2 1-2.5	Ø 19.99 TL 57 R20		TL OD FT FD	TIK NO.
	TIK NO. 1N891400	TIK NO. R1N890900	TIK NO. P1N891400	TIK NO.	TIK NO. LNSN1N891400	
Surface Treatment 0W	REFERENCE NO. A2010-9H511 A2010-9H512 A2010-9H576	REFERENCE NO. 12033-5V110 12033-8H300 12033-8H301 12033-9E000	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON		PISTON RING	PISTON PIN		PIN BUSHING	LINER		LINER KIT SET
QR25DE/A	Ø 89	89	2-1.2	Ø 19.99	19.99		TL		TIK NO.
4Cyl.		-3.8		TL 57	57		OD		
	CD 32		1-2.5	R20			FT		
	TL 55						FD		
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1N891500		R1N891500	P1N891500					
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.	REFERENCE NO.		
	A2010-8J011								
Surface Treatment									
0W									
KA24DEB	Ø 89	89	2-1.2	Ø 20.99	20.99		TL		TIK NO.
4Cyl.		-6.5		TL 57	57		OD		
	CD 34		1-2.5	R21			FT		
	TL 60.8						FD		
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1N891600		R1N891600	P1N891600					
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.	REFERENCE NO.		
	A2010-5V175								
	12010-5V175								
	A2101-5V175								
Surface Treatment									
0W									
QR25DE/B	Ø 89	89	1-1.2	Ø 19.995	19.995		TL		TIK NO.
4Cyl.		-7.7	1-1.2	TL 57	57		OD		
	CD 32.9		1-2.5	R20			FT		
	TL 55.7						FD		
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1N891700		R1N890900	P1N891700			LNSN1N891400		
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.	REFERENCE NO.		
	12010-EA001		12033-5V110						
			12033-8H300						
			12033-8H301						
			12033-9E000						
Surface Treatment									
0W									
K21	Ø 89	89	1-1.2	Ø 20	20		TL	175.0	TIK NO.
4Cyl.		-10	1-1.2	TL 66	66		OD	93.0	
	CD 32.5		1-2.8				FT		
	TL 58						FD		
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1N891800		R1N890700	P1N891800			LNSN1N891800		
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.	REFERENCE NO.		
			12033-1E400						
			12033-30R00						
			12033-4E100/10						
			12033-53F00/01						
Surface Treatment									
00									
K25	Ø 89	89	2-1.5	Ø 20	20		TL	210.0	TIK NO.
4 Cyl.		-8	1-2.8	TL 13	13		OD	93.0	
	CD 32.5						FT		
	TL 58						FD		
	TIK NO.		TIK NO.	TIK NO.		TIK NO.	TIK NO.		
	1N891900		R1N890700	P1N891900			LNSN1N891900		
	REFERENCE NO.		REFERENCE NO.			REFERENCE NO.	REFERENCE NO.		
	12010-FU520		12033-1E400						
	12010-FU523		12033-30R00						
			12033-4E100/10						
			12033-53F00/01						
Surface Treatment									
00									



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
QR20DE 4Cyl.	Ø 89 +1.85 CD 32.05 TL 56.9	2-1.2	Ø 19.995 TL 59 R20		TL OD FT FD	TIK NO.
	TIK NO. 1N892000	TIK NO. R1N890900	TIK NO. P1N892000	TIK NO.	TIK NO. LNSN1N891300	
Surface Treatment 0W	REFERENCE NO. A2010-8H311 A2010-8H312 A2010-8H501 A2010-8H502	REFERENCE NO. 12033-5V110 12033-8H300 12033-8H301 12033-9E000		REFERENCE NO.	REFERENCE NO.	
H20 4Cyl.	Ø 87.2 CD 41 TL 84	1-2.0 1-2.5 1-4.0	Ø 22 TL 72 SP25		TL 150.0 OD 91.2 FT FD	TIK NO.
	TIK NO. 1N8721A0	TIK NO. R1N8721A0	TIK NO. P1N8721A0	TIK NO.	TIK NO. LNSN1N8721A0	
Surface Treatment 00	REFERENCE NO. 12010-74001 12010-R9001	REFERENCE NO. 12033-14601 12033-50K00 12033-R9000/23 12033-Y4460		REFERENCE NO.	REFERENCE NO.	
H20C 4Cyl.	Ø 87.2 -1.6 CD 41 TL 84	1-2.0 1-2.5 1-4.0	Ø 22 TL 72 SP25		TL 150.0 OD 91.2 FT FD	TIK NO.
	TIK NO. 1N8721B0	TIK NO. R1N8721A0	TIK NO. P1N8721B0	TIK NO.	TIK NO. LNSN1N8721A0	
Surface Treatment 00	REFERENCE NO. 12010-74001	REFERENCE NO. 12033-14601 12033-50K00 12033-R9000/23 12033-Y4460		REFERENCE NO.	REFERENCE NO.	
H20 NEW 4Cyl.	Ø 87.2 -1.6 CD 41 TL 71	1-2.0 1-2.5 1-4.0	Ø 20 TL 64		TL 150.0 OD 91.2 FT FD	TIK NO.
	TIK NO. 1N872200	TIK NO. R1N8721A0	TIK NO. P1N872200	TIK NO.	TIK NO. LNSN1N8721A0	
Surface Treatment 00	REFERENCE NO. 12010-50K00 12010-50K24	REFERENCE NO. 12033-14601 12033-50K00 12033-R9000/23 12033-Y4460		REFERENCE NO.	REFERENCE NO.	
Z22E 4 Cyl.	Ø 87 -2.2 CD 32 TL 67	2-1.5 1-4.0	Ø 21 TL 72		TL 150.0 OD 91.0 FT FD	TIK NO.
	TIK NO. 1N8701A0	TIK NO. R1N8701A0	TIK NO. P1N8701A0	TIK NO.	TIK NO. LNSN1N871000	
Surface Treatment 00	REFERENCE NO. 12010-D8101 12010-D8102 12010-D8103 12010-D8111	REFERENCE NO. 12033-06W10 12033-06W20 12033-D8500 12033-T8300		REFERENCE NO.	REFERENCE NO. 11012-D1801	

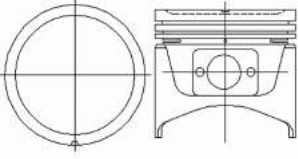
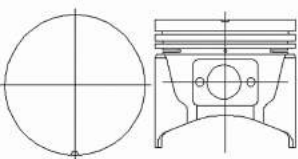
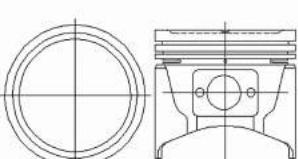
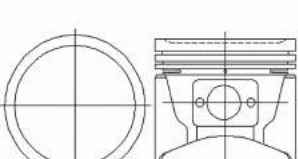
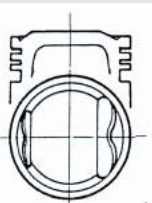


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
Z22S 4Cyl.	∅ 87 -2.5 CD 35.2 TL 72	2-1.5 1-4.0	∅ 21 TL 72		TL 150.0 OD 91.0 FT FD	TIK NO.
	TIK NO. 1N8701B0	TIK NO. R1N8701A0	TIK NO. P1N8701B0	TIK NO.	TIK NO. LNSN1N871000	
Surface Treatment 00	REFERENCE NO. 12010-06W11 12010-06W21	REFERENCE NO. 12033-06W10 12033-06W20 12033-D8500 12033-T8300		REFERENCE NO.	REFERENCE NO. 11012-D1801	
VG30 6Cyl.	∅ 87 -1.8 CD 32 TL 67	2-1.5 1-2.8	∅ 21 TL 64		TL OD FT FD	TIK NO.
	TIK NO. 1N870200	TIK NO. R1N870200	TIK NO. P1N870200	TIK NO.	TIK NO. LNSN1N870200	
Surface Treatment 00	REFERENCE NO. 12010-V7101 12010-V5901 12010-V7161	REFERENCE NO. 12033-02/21P10 12033-21V00 12033-96E01 12033-F6500		REFERENCE NO.	REFERENCE NO.	
VG30ET 6Cyl.	∅ 87 -3.0 CD 32 TL 67	2-1.5 1-2.8	∅ 21 TL 72		TL OD FT FD	TIK NO.
	TIK NO. 1N870400	TIK NO. R1N870200	TIK NO. P1N870400	TIK NO.	TIK NO. LNSN1N870200	
Surface Treatment 00	REFERENCE NO. 12010-02P01 12010-03P01	REFERENCE NO. 12033-02/21P10 12033-21V00 12033-96E01 12033-F6500		REFERENCE NO.	REFERENCE NO.	
VE30DE 6Cyl.	∅ 87 CD 32 TL 64.5	2-1.5 1-2.8	∅ 22 TL 67C1 R22		TL OD FT FD	TIK NO.
	TIK NO. 1N870500	TIK NO. R1N870200	TIK NO. P1N870500	TIK NO.	TIK NO. LNSN1N870200	
Surface Treatment 00	REFERENCE NO. A2010-96E02 A2010-96E00	REFERENCE NO. 12033-02/21P10 12033-21V00 12033-96E01 12033-F6500		REFERENCE NO.	REFERENCE NO.	
VG30DE 6 Cyl.	∅ 87 -1.2 CD 32 TL 61	2-1.5 1-2.8	∅ 22 TL 69 R22		TL OD FT FD	TIK NO.
	TIK NO. 1N870600	TIK NO. R1N870200	TIK NO. P1N870600	TIK NO.	TIK NO. LNSN1N870200	
Surface Treatment 0A	REFERENCE NO. A2010-30P01 A2010-30P00	REFERENCE NO. 12033-02/21P10 12033-21V00 12033-96E01 12033-F6500		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
VG30E 6Cyl.	∅ 87 -6.8 CD 32 TL 67	2-1.5 1-2.8	∅ 21 TL 64 R21		TL OD FT FD	TIK NO.
	TIK NO. 1N870700	TIK NO. R1N870200	TIK NO. P1N870700	TIK NO.	TIK NO. LNSN1N870200	
Surface Treatment 0F	REFERENCE NO. A2010-0B000 A2010-1B110	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
VG30A 6Cyl.	∅ 87 -1.7 CD 32 TL 67	2-1.5 1-2.8	∅ 21 TL 64 R21		TL OD FT FD	TIK NO.
	TIK NO. 1N870800	TIK NO. R1N870800	TIK NO. P1N870800	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. A2010-90E00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
VG30B 6Cyl.	∅ 87 -2.2 CD 32 TL 67	2-1.5 1-2.8	∅ 21 TL 64 R21		TL OD FT FD	TIK NO.
	TIK NO. 1N870900	TIK NO. R1N870900	TIK NO. P1N870900	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-21961 12010-21912	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
LD23 4Cyl.	∅ 87 -2.2 CD 47.2 TL 76.2	2-2.0 1-3.0	∅ 26 TL 63.8 R26		TL 160.0 OD 91.0 FT 2.0 FD 95.0	TIK NO. LKSN1N871000 LKSN1N87100T
	TIK NO. 1N871000 1N87100T	TIK NO. R1N871000	TIK NO. P1N871000	TIK NO.	TIK NO. LNSN1N871000	
Surface Treatment 0A	REFERENCE NO. 12010-9C625 12010-9C626 12010-9C627	REFERENCE NO. 12033-2J626 12033-9C625 12033-9C626 12035-9C626	REFERENCE NO.	REFERENCE NO. 12030-9C600	REFERENCE NO.	
L28 6 Cyl.	∅ 86 -2 CD 38 TL 78.2	2-2.0 1-4.0	∅ 21 TL 72		TL 150.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1N8601A0	TIK NO. R1N8601A0	TIK NO. P1N8601A0	TIK NO.	TIK NO. LNSN1N8601A0	
Surface Treatment 00	REFERENCE NO. 12010-Y8602/12 12010-C6412	REFERENCE NO. 12033-P7900/10 12033-P8360 12033-P8600/10 12033-T8400	REFERENCE NO.	REFERENCE NO.	REFERENCE NO. 11012-N4200	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
L28F 6Cyl.	∅ 86 -3 CD 38 TL 78.3	2-2.0 1-4.0	∅ 21 TL 72		TL 150.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1N8601B0	TIK NO. R1N8601B0	TIK NO. P1N8601B0		TIK NO. LNSN1N8601A0	
Surface Treatment 00	REFERENCE NO. 12010-Y4111 12010-Y4121	REFERENCE NO. 12033-M4210 12033-N4200 12033-N4210 12033-N4220		REFERENCE NO.	REFERENCE NO. 11012-N4200	
L28E 6Cyl.	∅ 86 CD 38.5 TL 78.8	1-1.5 1-2.0 1-4.0	∅ 21 TL 72		TL 150.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1N8601C0	TIK NO. R1N8601A0	TIK NO. P1N8601C0		TIK NO. LNSN1N8601A0	
Surface Treatment 00	REFERENCE NO. 120101-P7902 12010-P7912	REFERENCE NO. 12033-P7900/10 12033-P8360 12033-P8600/10 12033-T8400		REFERENCE NO.	REFERENCE NO. 11012-N4200	
L28S 6Cyl.	∅ 86 -2.2 CD 38 TL 78.3	1-1.5 1-2.0 1-4.0	∅ 21 TL 72		TL 150.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1N8601D0	TIK NO. R1N8601A0	TIK NO. P1N8601D0		TIK NO. LNSN1N8601A0	
Surface Treatment 00	REFERENCE NO. 120101-C6412 12010-C6421	REFERENCE NO. 12033-P7900/10 12033-P8360 12033-P8600/10 12033-T8400		REFERENCE NO.	REFERENCE NO. 11012-N4200	
L28A 6Cyl.	∅ 86 -2.8 CD 38.1 TL 78.2	1-1.5 1-2.0 1-4.0	∅ 21 TL 72		TL OD FT FD	TIK NO.
	TIK NO. 1N8601E0	TIK NO. R1N8601E0	TIK NO. P1N8601E0		TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-P9012	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
RB30E 6 Cyl.	∅ 86 +2.6 CD 32.5 TL 66.6	2-1.5 1-2.8	∅ 21 TL 64		TL OD FT FD	TIK NO.
	TIK NO. 1N860200	TIK NO. R1N860200	TIK NO. P1N860200		TIK NO. LNSN1N860200	
Surface Treatment 00	REFERENCE NO. 12010-67S01 12010-67S11 12010-67S21	REFERENCE NO. 12033-67S10 12033-B4910		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
NA20 4Cyl.	Ø 86 -8.7	2-1.5	Ø 21 TL 64		TL OD FT FD	TIK NO.
	CD 38.5 TL 70	1-4.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N860300	R1N860300	P1N860300		LNSN1N860300	
	REFERENCE NO. 12010-85G02 12010-85G01 12010-85G00 12010-85G72	REFERENCE NO. 12033-3T600 12033-85G00 12036-3T602 12036-3T604		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
SR20DET 4Cyl.	Ø 86 -3.2	2-1.5	Ø 22 TL 70 R22		TL OD FT FD	TIK NO.
	CD 32 TL 59.5	1-3.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N860400 1N86040L 1N86040T 1N86040H	R1N860400	P1N860400		LNSN1N860300	
	REFERENCE NO. A2010-54C00 A2010-54C01 A2010-54C02 A2010-54C10	REFERENCE NO. 12033-53J00/01 12033-53J10/20 12033-53T00 12033-60J20/21		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						
RB30T 6Cyl.	Ø 86 -5	2-1.5	Ø 21 TL 64 SP23		TL OD FT FD	TIK NO.
	CD 32.6 TL 63.8	1-2.8				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N860500	R1N860500	P1N860500			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0F						
NA20/A 4Cyl.	Ø 86 -5.4	2-1.5	Ø 21 TL 64 R21		TL OD FT FD	TIK NO.
	CD 38.5 TL 70.1	1-4.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N860600	R1N860600	P1N860600			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
YD22 4 Cyl.	Ø 86 -16.8	1-1.8K 1-1.5 1-3.0	Ø 28 TL 58 R28		TL 160.0 OD 90.0 FT 5.0 FD 94.0	TIK NO. LKSN1N860700 LKSN1N86070T
	CD 48.9 TL 79.9					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N860700 1N86070T	R1N860700	P1N860700	B1N860700	LNSN1N860700	
	REFERENCE NO. A2010-AW400	REFERENCE NO. 12033-AW400 12033-4U400 12033-8H800 12033-8H810		REFERENCE NO. 12030-AD200	REFERENCE NO.	
Surface Treatment 0A						

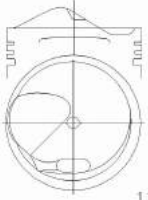
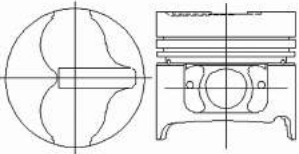
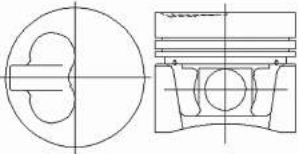
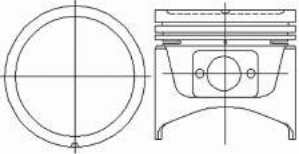
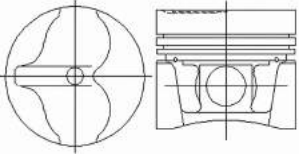


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
SR20DE 4Cyl.	Ø 86 -0.8	2-1.5	Ø 22 TL 60 R22		TL OD FT FD	TIK NO.
	CD 32 TL 63	1-3.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N860800	R1N860400	P1N860800		LNSN1N860300	
	REFERENCE NO. 12010-63J01 A2010-63J00	REFERENCE NO. 12033-53J00/01 12033-53J10/20 12033-53T00 12033-60J20/21		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
P680 6Cyl.	Ø 85.725	2-2.5	Ø 20.64 TL 74		TL OD FT FD	TIK NO.
	CD 53.32 TL 94.5	1-4.76				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N857100 1N85710T	R1N857100	P1N857100		LNSN1N857100	
	REFERENCE NO. 12010-58100 12010-58002 12010-58003 12010-58100	REFERENCE NO. 12033-58003 12033-58004 12033-58005 12033-58008		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
L18 4Cyl.	Ø 85 -2	2-2.0	Ø 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 38 TL 78	1-4.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N850100	R1N850100	P1N850100		LNSN1N850300	
	REFERENCE NO. 12010-W0812 12010-A8711 12010-A8714	REFERENCE NO. 12033-78520/21 12033-N9700 12033-W0805/15 12033-W1510		REFERENCE NO.	REFERENCE NO. 11012-A8701 11012-U2000	
Surface Treatment 00						
L18C 4Cyl.	Ø 85 -0.8	2-2.0	Ø 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 38.3 TL 78.3	1-4.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N8501A0	R1N850100	P1N8501A0		LNSN1N850300	
	REFERENCE NO. 12010-A8701 12010-U2000	REFERENCE NO. 12033-78520/21 12033-N9700 12033-W0805/15 12033-W1510		REFERENCE NO.	REFERENCE NO. 11012-A8701 11012-U2000	
Surface Treatment 00						
Z20 4 Cyl.	Ø 85 -2.5	2-1.5	Ø 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 32 TL 67	1-4.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1N8501B0	R1N8501B0	P1N8501B0		LNSN1N8501B0	
	REFERENCE NO. 12010-N8711 12010-N8421	REFERENCE NO. 12033-N8510 12033-N8520 12033-R9400 12036-N8520		REFERENCE NO.	REFERENCE NO. 11012-W1411 11012-U6000	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
E25 4Cyl.	Ø 85 -3.5	2-1.5	Ø 21 TL 72		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 32 TL 67	1-4.0				
	TIK NO. 1N850200	TIK NO. R1N8501B0	TIK NO. P1N850200	TIK NO.	TIK NO. LNSN1N8501B0	
	REFERENCE NO. 12010-W1411 12010-W1412 12010-W1413 12010-W1421	REFERENCE NO. 12033-N8510 12033-N8520 12033-R9400 12036-N8520		REFERENCE NO.	REFERENCE NO. 11012-W1411 11012-U6000	
	Surface Treatment 00					
LD20 4Cyl.	Ø 85 -3.3	2-2.0	Ø 25 TL 67 R25		TL 150.0 OD 89.0 FT 2.0 FD 93.0	TIK NO. LKSN1N850300 LKSN1N85030T
	CD 46.5 TL 86.4	1-4.0				
	TIK NO. 1N850300 1N85030T	TIK NO. R1N850300	TIK NO. P1N850300	TIK NO. B1N850300	TIK NO. LNSN1N850300	
	REFERENCE NO. 12010-W1702 12010-W1762	REFERENCE NO. 12033-35E25 12033-V7225 12033-W1700 12033-W3400		REFERENCE NO. 12030-V0700 12030-V0701	REFERENCE NO. 11012-W1702	
	Surface Treatment 0A					
L20B 4Cyl.	Ø 85 -3	2-2.0	Ø 21 TL 72		TL OD FT FD	TIK NO.
	CD 38 TL 78	1-4.0				
	TIK NO. 1N850400	TIK NO. R1N850100	TIK NO. P1N850400	TIK NO.	TIK NO. LNSN1N850400	
	REFERENCE NO. 12010-04W01 12010-04W11	REFERENCE NO. 12033-78520/21 12033-N9700 12033-W0805/15 12033-W1510		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
RD28 6Cyl.	Ø 85 -2.5	2-2.0	Ø 25 TL 67 R25		TL 150.0 OD 89.0 FT 2.0 FD 93.0	TIK NO. LKSN1N850500 LKSN1N85050T
	CD 46.5 TL 78	1-4.0				
	TIK NO. 1N850500 1N85050T	TIK NO. R1N850500	TIK NO. P1N850500	TIK NO. B1N850500	TIK NO. LNSN1N850500	
	REFERENCE NO. 12010-V7213 12010-V7220	REFERENCE NO. 12033-20V01 12033-22J00/11/2 12033-35E00 12033-40L01/11		REFERENCE NO. 12030-V7200	REFERENCE NO. 11012-V2070	
	Surface Treatment 0A					
LD20-NEW 4 Cyl.	Ø 85 -2.8	2-2.0	Ø 25 TL 67 R25		TL 150.0 OD 89.0 FT 2.0 FD 93.0	TIK NO. LKSN1N850600 LKSN1N85060T
	CD 46.6 TL 78	1-4.0				
	TIK NO. 1N850600 1N85060T	TIK NO. R1N850300	TIK NO. P1N850600	TIK NO. B1N850300	TIK NO. LNSN1N850300	
	REFERENCE NO. 12010-G5502 12010-G5562	REFERENCE NO. 12033-35E25 12033-V7225 12033-W1700 12033-W3400		REFERENCE NO. 12030-V0700 12030-V0701	REFERENCE NO. 11012-W1702	
	Surface Treatment 0A					



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
Z18 4Cyl.	∅ 85 -0.4 CD 38 TL 78.2	2-2.0 1-4.0	∅ 21 TL 72		TL OD FT FD		TIK NO.
 119 Surface Treatment	TIK NO. 1N850700	TIK NO. R1N850700	TIK NO. P1N850700	TIK NO.	TIK NO.	TIK NO.	
	REFERENCE NO. 12010-N8301/11	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
RD28T 6Cyl.	∅ 85 -2.8 CD 46.9 TL 78.3	1-2.0 1-2.0 1-4.0	∅ 27 TL 67 R27		TL 150.0 OD 89.0 FT 2.0 FD 93.0		TIK NO. LKSN1N850900 LKSN1N85090L LKSN1N85090T LKSN1N85090H
 Surface Treatment 0A	TIK NO. 1N850900 1N85090L 1N85090T 1N85090H REFERENCE NO. 12010-22J62 12010-22J11 12010-22J12 12010-22J13	TIK NO. R1N850500 REFERENCE NO. 12033-20V01 12033-22J00/11/2 12033-35E00 12033-40L01/11	TIK NO. P1N850900	TIK NO. B1N850900 REFERENCE NO. PBNI608502D	TIK NO. LNSN1N850500 REFERENCE NO. 11012-V2070		
LD20T 4Cyl.	∅ 85 -3.3 CD 46.5 TL 72.5	2-2.0 1-4.0	∅ 26 TL 66 R26		TL 150.0 OD 89.0 FT 2.0 FD 93.0		TIK NO. LKSN1N851000 LKSN1N85100L LKSN1N85100T LKSN1N85100H
 Surface Treatment 0A	TIK NO. 1N851000 1N85100L 1N85100T 1N85100H REFERENCE NO. 12010-W3402 12010-W3404 12010-W3406	TIK NO. R1N851000 REFERENCE NO. 12033-35E10 12033-W4200 12036-35E10 12036-W4200	TIK NO. P1N851000	TIK NO. B1N851000 REFERENCE NO. 12030-W3400	TIK NO. LNSN1N850300 REFERENCE NO. 11012-W1702		
L18K 4Cyl.	∅ 85 -2.25 CD 38.1 TL 78.1	2-2.0 1-4.0	∅ 21 TL 72		TL OD FT FD		TIK NO.
 Surface Treatment 00	TIK NO. 1N851100 REFERENCE NO. 12010-A8711K	TIK NO. R1N851100	TIK NO. P1N851100	TIK NO.	TIK NO.		
LD20T/A 4 Cyl.	∅ 85 -1.6 CD 46.5 TL 72.6	2-2.0 1-4.0	∅ 26 TL 67 R26		TL OD FT FD		TIK NO.
 Surface Treatment 00	TIK NO. 1N851200 1N85120L 1N85120T 1N85120H REFERENCE NO.	TIK NO. R1N851200	TIK NO. P1N851200	TIK NO.	TIK NO.		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CA20 4Cyl.	Ø 84.5 -2	2-1.5	Ø 20 TL 61		TL 150.0 OD 88.5 FT FD	TIK NO.
	CD 30 TL 65	1-4.0				
	TIK NO. 1N845100	TIK NO. R1N845100	TIK NO. P1N845100	TIK NO.	TIK NO. LNSN1N845100	
	REFERENCE NO. 12010-D1801 12010-D1800 12011-D1800 12011-D1801	REFERENCE NO. 12033-04E00/10 12033-D1700 12033-D20/D3600 12033-D4700/10		REFERENCE NO.	REFERENCE NO. 11012-04F00	
Surface Treatment 00						
LD28 6Cyl.	Ø 84.5 -3.3	2-2.0	Ø 25 TL 67 R25		TL 150.0 OD 88.5 FT 5.0 FD 90.0	TIK NO. LKSN1N845200 LKSN1N84520T
	CD 46.5 TL 86.4	1-4.0				
	TIK NO. 1N845200 1N84520T	TIK NO. R1N845200	TIK NO. P1N845200	TIK NO. B1N845200	TIK NO. LNSN1N845200	
	REFERENCE NO. 12010-V0702 12010-V0762 12010-V5702 12010-V5756	REFERENCE NO. 12033-60L00 12033-V0700 12036-60L00 12036-V0700		REFERENCE NO. 12030-V0700 12030-V0701	REFERENCE NO. 11012-V0700	
Surface Treatment 0A						
CA20R 4Cyl.	Ø 84.5 -3.8	2-1.5	Ø 20 TL 61		TL OD FT FD	TIK NO.
	CD 30 TL 65	1-2.8				
	TIK NO. 1N845300	TIK NO. R1N845300	TIK NO. P1N845300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
CA40B 4Cyl.	Ø 84.5 -3	2-1.5	Ø 20 TL 61		TL OD FT FD	TIK NO.
	CD 30 TL 65	1-2.8				
	TIK NO. 1N845400	TIK NO. R1N845400	TIK NO. P1N845400	TIK NO.	TIK NO.	
	REFERENCE NO. 12010-10F01	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
CD20 4 Cyl.	Ø 84.5 -2.5	2-2.0	Ø 25 TL 67 R25		TL 148.0 OD 87.5 FT 4.8 FD 89.5	TIK NO. LKSN1N845500 LKSN1N84550T
	CD 44.4 TL 75.6	1-3.0				
	TIK NO. 1N845500 1N84550T	TIK NO. R1N845500	TIK NO. P1N845500	TIK NO. B1N845500	TIK NO. LNSN1N845500	
	REFERENCE NO. A2010-57J01 12010-57J00	REFERENCE NO. 12033-57J00 12035-57J00 12036-57J00		REFERENCE NO. 12030-57J00	REFERENCE NO. 11012-16A02	
Surface Treatment 0A						

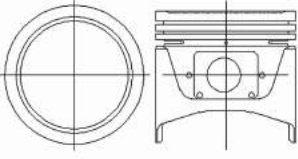
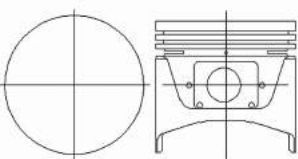
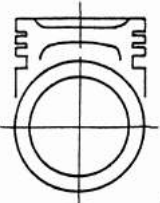
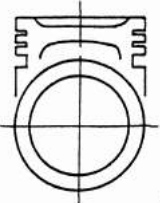
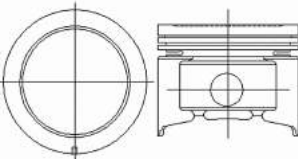


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CA20A 4Cyl.	Ø 84.5 -3.6 CD 30 TL 65	2-1.5 1-2.8	Ø 20 TL 61		TL 150.0 OD 88.5 FT FD	TIK NO.
	TIK NO. 1N845600	TIK NO. R1N845600	TIK NO. P1N845600	TIK NO.	TIK NO. LNSN1N845100	
Surface Treatment 00	REFERENCE NO. 12010-13E11 12010-13E12 12010-13E13 12010-13E14	REFERENCE NO. 12033-13E00 12033-35R00 12033-61E00 12033-61E10		REFERENCE NO.	REFERENCE NO. 11012-04F00	
CA20E 4Cyl.	Ø 84.5 -3.3 CD 30 TL 65	2-1.5 1-2.8	Ø 20 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1N845700	TIK NO. R1N845700	TIK NO. P1N845700	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
MR18DE 4Cyl.	Ø 84 -3.7 CD 31.1 TL 49.7	2-1.2 1-2.0	Ø 19.995 TL 53 R20		TL OD FT FD	TIK NO.
	TIK NO. 1N840100	TIK NO. R1N840100	TIK NO. P1N840100	TIK NO.	TIK NO. LNSN1N840100	
Surface Treatment 0M	REFERENCE NO. A2010-ED800	REFERENCE NO. 12033-CK80A A2033-CK80A 12033-EN200 12033-EN20A		REFERENCE NO.	REFERENCE NO.	
SD22-5G 4Cyl.	Ø 83 -2 CD 48 TL 96	1-2.5 2-2.0 2-4.5	Ø 26 TL 71 SP29		TL OD FT FD	TIK NO. LKFF1N8301A0 LKFF1N8301AT
	TIK NO. 1N8301A0 1N8301AT	TIK NO. R1N8301A0	TIK NO. P1N8301A0	TIK NO. B1D8801A0	TIK NO. LNFF1N8301A0	
Surface Treatment 0A	REFERENCE NO. 12010-Y5210 12010-J5310 12010-Y1411	REFERENCE NO. 12033-61500 12033-61502 12033-61503 12033-C6810		REFERENCE NO. 12030-37500	REFERENCE NO. 11012-76200 11012-76201 11012-C8701	
SD22A-5G 4 Cyl.	Ø 83 -2 CD 48 TL 96	1-2.5 1-2.0 2-4.5	Ø 26 TL 71 SP29		TL OD FT FD	TIK NO. LKFF1N8301B0
	TIK NO. 1N8301B0	TIK NO. R1N8301A0	TIK NO. P1N8301B0	TIK NO. B1D8801A0	TIK NO. LNFF1N8301A0	
Surface Treatment 0A	REFERENCE NO. 12010-J5312	REFERENCE NO. 12033-61500 12033-61502 12033-61503 12033-C6810		REFERENCE NO. 12030-37500	REFERENCE NO. 11012-76200 11012-76201 11012-C8701	



ENGINE TYPE	PISTON		PISTON RING		PISTON PIN		PIN BUSHING		LINER		LINER KIT SET
SD22-3G	∅ 83	83	1-2.5	∅ 26	TL 71		TL				TIK NO.
4Cyl.		-2	1-2.0	TL 71	SP29		OD				LKFF1N8301A0
	CD 48		1-4.5				FT				LKFF1N8301CT
	TL 90						FD				
	TIK NO.		TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.				
	1N8301C0		R1N8301C0		P1N8301C0		B1N8301C0		LNFF1N8301A0		
	1N8301CT										
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	REFERENCE NO.				
	12010-R8110		12033-R8100			12030-L2000	11012-76200				
	12010-36W10		12033-R8103				11012-76201				
			12033-R8104								
			12033-R8110								
	Surface Treatment										
	0A										
SD22 NEW	∅ 83	83	1-2.5	∅ 26	TL 71		TL				TIK NO.
4Cyl.		-0.5	1-2.0	TL 71	SP29		OD				LKFF1N8301D0
	CD 48		1-4.5				FT				LKFF1N8301DT
	TL 90						FD				
	TIK NO.		TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.				
	1N8301D0		R1N8301C0		P1N8301D0		B1N8301C0		LNFF1N8301A0		
	1N8301DT										
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	REFERENCE NO.				
	12010-R8111		12033-R8100			12030-L2000	11012-76200				
			12033-R8103				11012-76201				
			12033-R8104								
			12033-R8110								
	Surface Treatment										
	0A										
SD33T	∅ 83	83	1-2.5K	∅ 26	TL 68		TL				TIK NO.
6Cyl.		-2	1-2.0	TL 68	SP29		OD				LKFF1N8301E0
	CD 48.2		1-4.0				FT				LKFF1N8301ET
	TL 80.2						FD				
	TIK NO.		TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.				
	1N8301E0		R1N8301E0		P1N8301E0		B1N8301E0		LNFF1N8301E0		
	1N8301ET										
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	REFERENCE NO.				
	12010-C8602		12033-C8702			12030-37500	11012-76200				
	12010-C8701		12033-C8704				11012-76201				
							11012-C8701				
	Surface Treatment										
	0A										
L14	∅ 83	83	2-2.0	∅ 21	TL 72		TL	140.0			TIK NO.
4Cyl.		-3.2	1-4.0	TL 72			OD	87.0			
	CD 38.2						FT				
	TL 78.2						FD				
	TIK NO.		TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.				
	1N8302B0		R1N8302B0		P1N8302B0				LNSN1N8302B0		
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	REFERENCE NO.				
	12010-H2711		12033-A0600				11012-21000				
			12033-W0700								
			12033-W7100/10								
			12035-21/23000								
	Surface Treatment										
	00										
L14C	∅ 83	83	2-2.0	∅ 21	TL 72		TL				TIK NO.
4 Cyl.		-0.7	1-4.0	TL 72			OD				
	CD 38						FT				
	TL 78.2						FD				
	TIK NO.		TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.				
	1N8302C0		R1N8302C0		P1N8302C0						
	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	REFERENCE NO.				
	12010-69811										
	Surface Treatment										
	00										



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
L16 4Cyl.	Ø 83 -1.2 CD 38.2 TL 78.2	2-2.0 1-4.0	Ø 21 TL 72		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N830300	TIK NO. R1N8302B0	TIK NO. P1N830300	TIK NO.	TIK NO. LNSN1N8302B0	
Surface Treatment 00	REFERENCE NO. 12010-A9601 12010-A9611	REFERENCE NO. 12033-A0600 12033-W0700 12033-W7100/10 12035-21/23000		REFERENCE NO.	REFERENCE NO. 11012-21000	
L24A 6Cyl.	Ø 83 CD 38.2 TL 78	2-2.0 1-4.0	Ø 21 TL 72		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N8304A0	TIK NO. R1N8304A0	TIK NO. P1N8304A0	TIK NO.	TIK NO. LNSN1N8304A0	
Surface Treatment 00	REFERENCE NO. 12010-E3111	REFERENCE NO. 12033-A8620 12033-E3100 12033-E3110 12033-W0810		REFERENCE NO.	REFERENCE NO. 11012-21000	
L24 6Cyl.	Ø 83 -1.2 CD 38 TL 78	1-1.5 1-2.0 1-4.0	Ø 21 TL 72		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N8304B0	TIK NO. R1N8304B0	TIK NO. P1N8304B0	TIK NO.	TIK NO. LNSN1N8304A0	
Surface Treatment 00	REFERENCE NO. 12010-27L02 12010-27L11	REFERENCE NO. 12033-W2400 12033-W2410 12033-W2420		REFERENCE NO.	REFERENCE NO. 11012-21000	
L24C 6Cyl.	Ø 83 -0.75 CD 38 TL 78.2	1-1.5 1-2.0 1-4.0	Ø 21 TL 72		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N8304C0	TIK NO. R1N8304B0	TIK NO. P1N8304C0	TIK NO.	TIK NO. LNSN1N8304A0	
Surface Treatment 00	REFERENCE NO. 12010-W2402	REFERENCE NO. 12033-W2400 12033-W2410 12033-W2420		REFERENCE NO.	REFERENCE NO. 11012-21000	
L24E 6 Cyl.	Ø 83 -0.8 CD 38 TL 65	2-1.5 1-4.0	Ø 20 TL 61		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N8304D0	TIK NO. R1N8304D0	TIK NO. P1N8304D0	TIK NO.	TIK NO. LNSN1N8304A0	
Surface Treatment 00	REFERENCE NO. 12010-W3102 12010-51L01	REFERENCE NO. 12033-51L00 12033-W3100 12036-W3100 12038-W3100		REFERENCE NO.	REFERENCE NO. 11012-21000	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CA18 4Cyl.	Ø 83 -3.2 CD 30 TL 65	2-1.5 1-4.0	Ø 20 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1N830500	TIK NO. R1N830500	TIK NO. P1N830500	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-D1201	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Z16 4Cyl.	Ø 83 +0.5 CD 38 TL 78	2-2.0 1-4.0	Ø 21 TL 72		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N830600	TIK NO. R1N8302B0	TIK NO. P1N830600	TIK NO.	TIK NO. LNSN1N8302B0	
Surface Treatment 00	REFERENCE NO. 12010-W7111 12010-W7160	REFERENCE NO. 12033-A0600 12033-W0700 12033-W7100/10 12035-21/23000		REFERENCE NO.	REFERENCE NO. 11012-21000	
L14 L16 L24 4Cyl.	Ø 83 -2.6 CD 38 TL 78	2-2.0 1-4.0	Ø 21 TL 72		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N830700	TIK NO. R1N8302B0	TIK NO. P1N830700	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-H2501 12010-H2511	REFERENCE NO. 12033-A0600 12033-W0700 12033-W7100/10 12035-21/23000		REFERENCE NO.	REFERENCE NO. 11012-21000	
L16E 4Cyl.	Ø 83 -1.7 CD 38 TL 78	2-2.0 1-4.0	Ø 21 TL 72		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N830800	TIK NO. R1N8302B0	TIK NO. P1N830800	TIK NO.	TIK NO. LNSN1N8302B0	
Surface Treatment 00	REFERENCE NO. 12010-A3501 12010-23002 12010-A3512 12010-E3101	REFERENCE NO. 12033-A0600 12033-W0700 12033-W7100/10 12035-21/23000		REFERENCE NO.	REFERENCE NO. 11012-21000	
L16T 4 Cyl.	Ø 83 CD 38 TL 78.2	2-2.0 1-4.0	Ø 21 TL 72		TL 140.0 OD 87.0 FT FD	TIK NO.
	TIK NO. 1N830900 1N83090T	TIK NO. R1N8302B0	TIK NO. P1N830900	TIK NO.	TIK NO. LNSN1N8302B0	
Surface Treatment 00	REFERENCE NO. 12010-A8601	REFERENCE NO. 12033-A0600 12033-W0700 12033-W7100/10 12035-21/23000		REFERENCE NO.	REFERENCE NO. 11012-21000	

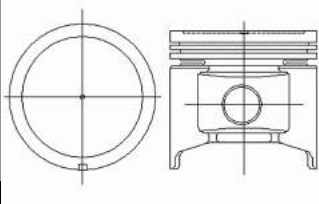
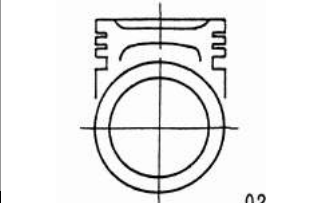
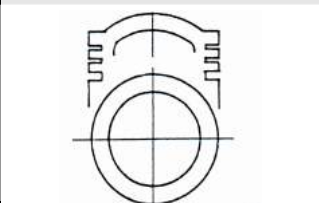
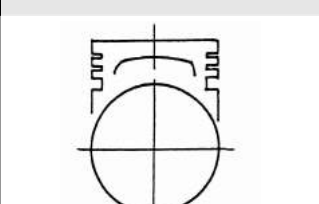
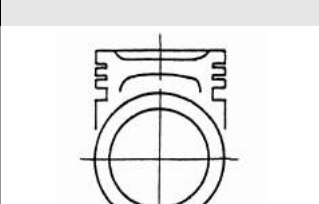


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
CA18DE 4Cyl.	Ø 83 -1.6	2-1.5	Ø 20 TL 57 R20		TL 140.0 OD 87.0 FT FD		TIK NO.
	CD 30 TL 57.5	1-2.8					
	TIK NO. 1N831000	TIK NO. R1N831000	TIK NO. P1N831000	TIK NO.	TIK NO.	TIK NO. LNSN1N831000	
	REFERENCE NO. 12010-82A03	REFERENCE NO. 12033-17F00 12033-18F00/10 12033-44F00 12033-44F01/02		REFERENCE NO.	REFERENCE NO. 11012-D0300		
	Surface Treatment 00						
J18 4Cyl.	Ø 80.5	1-1.5 1-2.0 1-4.0	Ø 21 TL 66		TL 152.4 OD 84.7 FT FD		TIK NO.
	CD 31.9 TL 65						
	TIK NO. 1N805100	TIK NO. R1N805100	TIK NO. P1N805100	TIK NO.	TIK NO.	TIK NO. LNSN1N800200	
	REFERENCE NO. 12010-J2260 12010-J22G0	REFERENCE NO. 12033-24W00 12033-J2190 12033-J21G0 12033-N7900		REFERENCE NO.	REFERENCE NO. 12010-01W12		
	Surface Treatment 00						
CD17 4Cyl.	Ø 80 -2	1-1.8 1-2.0 1-3.0	Ø 24 TL 63 R24		TL 146.0 OD 84.0 FT 4.8 FD 86.0		TIK NO. LKSN1N800100 LKSN1N80010T
	CD 41 TL 71						
	TIK NO. 1N800100 1N80010T	TIK NO. R1N800100	TIK NO. P1N800100	TIK NO. B1N800100	TIK NO. LNSN1N800100		
	REFERENCE NO. 12010-16A02/4/6 12010-17A02/4/6 12010-71A02/4/6	REFERENCE NO. 12033-16A00 12033-16A10 12036-16A00 12036-16A10		REFERENCE NO. 12030-16A00 12030-16A01 12030-16A02	REFERENCE NO. 11012-16A00		
	Surface Treatment 0A						
QG18DE 4Cyl.	Ø 80 -4.8	2-1.2 1-2.5	Ø 18.995 TL 52 R19		TL OD FT FD		TIK NO.
	CD 29.2 TL 53.7						
	TIK NO. 1N800200	TIK NO. R1N800200	TIK NO. P1N800200	TIK NO.	TIK NO. LNSN1N800200		
	REFERENCE NO. 12010-AU300 12010-F4600	REFERENCE NO. 12033-5M001/20 12033-7J600/01 12033-7J60A 12033-8M100		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 0Y						
QG18DE 4 Cyl.	Ø 80 -5	2-1.2 1-2.5	Ø 18.995 TL 52 R19		TL OD FT FD		TIK NO.
	CD 29.20 TL 53.7						
	TIK NO. 1N800300	TIK NO. R1N800200	TIK NO. P1N800300	TIK NO.	TIK NO. LNSN1N800200		
	REFERENCE NO. 12010-7J625 12010-7J622 12010-7J621 12010-7J620	REFERENCE NO. 12033-5M001/20 12033-7J600/01 12033-7J60A 12033-8M100		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 0M						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
K4M710 4Cyl.	Ø 79.5 -1.6	2-1.5	Ø 20 TL 62		TL OD FT FD	TIK NO.
	CD 31.7 TL 55	1-2.5				
	TIK NO. 1N795100	TIK NO. R1N795100	TIK NO. P1N795100	TIK NO.	TIK NO.	
	REFERENCE NO. K4M 4V	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
RB20E 6Cyl.	Ø 78 -5.5	2-1.5	Ø 19 TL 63 R19		TL OD FT FD	TIK NO.
	CD 32.5 TL 67.3	1-2.8				
	TIK NO. 1N780100	TIK NO. R1N780100	TIK NO. P1N780100	TIK NO.	TIK NO. LNSN1N761900	
	REFERENCE NO. 12010-55S01	REFERENCE NO. 12033-12P00 12033-65L00 12033-V5310		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
HR16DE 4Cyl.	Ø 78 -4.5	1-1.2 1-1.2 1-2.0	Ø 19 TL 53.5		TL 140.0 OD 82.0 FT FD	TIK NO.
	CD 28.5 TL 46.8					
	TIK NO. 1N780200	TIK NO. R1N780200	TIK NO. P1N780200	TIK NO.	TIK NO. LNSN1N779200	
	REFERENCE NO. 12010-ED500	REFERENCE NO. 12033-ED000 12033-EE000		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0W						
J15 4Cyl.	Ø 77.95	2-2.0 1-4.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	CD 39.8 TL 79.3					
	TIK NO. 1N7791A0	TIK NO. R1N7791A0	TIK NO. P1N7791A0	TIK NO.	TIK NO. LNSN1N761900	
	REFERENCE NO. 12010-E3002 12010-E3001	REFERENCE NO. 12033-E3030 12033-V0300 12033-V0310 12033-V0400		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
L20A 6 Cyl.	Ø 77.95	1-1.2 1-2.0 1-4.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	CD 39.8 TL 79.3					
	TIK NO. 1N7791C0	TIK NO. R1N7791C0	TIK NO. P1N7791C0	TIK NO.	TIK NO. LNSN1N761900	
	REFERENCE NO. 12010-F5112 12010-Y7002 12010-Y7012	REFERENCE NO. 12033-Y7000 12033-Y7010 12033-Y7011		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						

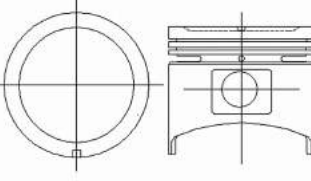
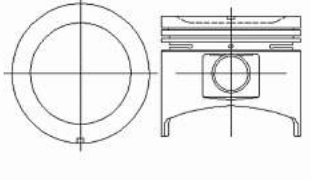
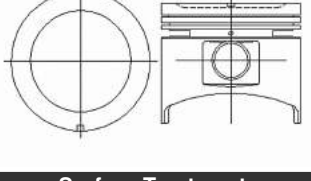
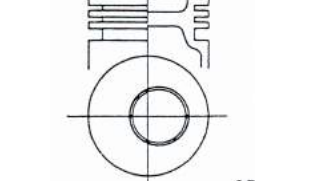


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
L20D 6Cyl.	Ø 77.95 -0.5 CD 40 TL 75	1-1.5 1-2.0 1-4.0	Ø 20 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1N7791D0	TIK NO. R1N7791D0	TIK NO. P1N7791D0	TIK NO.	TIK NO. LNSN1N761900	
Surface Treatment 00	REFERENCE NO. 12010-14S01	REFERENCE NO. 12033-01L00		REFERENCE NO.	REFERENCE NO.	
L20E 6Cyl.	Ø 77.95 -3 CD 40 TL 75	1-1.5 1-2.0 1-4.0	Ø 20 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1N7791E0	TIK NO. R1N7791D0	TIK NO. P1N7791E0	TIK NO.	TIK NO. LNSN1N761900	
Surface Treatment 00	REFERENCE NO. 12010-15S02 12010-03L02 12010-15S12	REFERENCE NO. 12033-Y7000 12033-Y7010 12033-Y7011		REFERENCE NO.	REFERENCE NO.	
L20F 6Cyl.	Ø 77.95 +2.5 CD 39.8 TL 82.2	2-2.0 1-4.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 1N7791F0	TIK NO. R1N7791F0	TIK NO. P1N7791F0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-Y6402 12010-Y6412 12010-Y4002 12010-E3019	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
L20G 6Cyl.	Ø 77.95 -2.9 CD 39.8 TL 79.3	2-2.0 1-4.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 1N7791G0	TIK NO. R1N7791G0	TIK NO. P1N7791G0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-V0301	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
L20H 6 Cyl.	Ø 77.95 -2.3 CD 39.8 TL 79.3	2-2.0 1-4.0	Ø 21 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 1N7791H0	TIK NO. R1N7791H0	TIK NO. P1N7791H0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-S8011	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

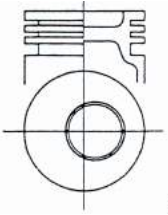
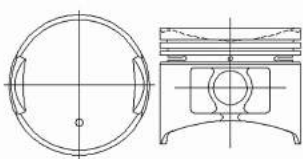
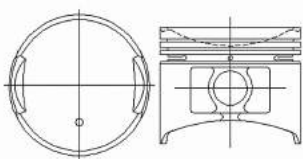
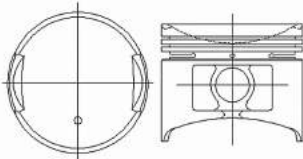


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
CA16 4Cyl.	Ø 77.95 +2 CD 30 TL 65	2-1.5 1-4.0	Ø 20 TL 61		TL 140.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1N779200	TIK NO. R1N779200	TIK NO. P1N779200	TIK NO.	TIK NO. LNSN1N779200	
Surface Treatment 00	REFERENCE NO. 12010-D1101 12010-06E01 12010-06E11 12010-D1111	REFERENCE NO. 12033-06E00/1 12033-06E10 12033-D0120 12033-D0400		REFERENCE NO.	REFERENCE NO. 11012-06E01	
J16 J15 4Cyl.	Ø 77.95 CD 39.8 TL 79.3	2-2.0 1-4.0	Ø 21 TL 66		TL 140.0 OD 82.0 FT FD	TIK NO.
	TIK NO. 1N779300	TIK NO. R1N779300	TIK NO. P1N779300	TIK NO.	TIK NO. LNSN1N779300	
Surface Treatment 00	REFERENCE NO. 12010-01W02 12010-01W04 12010-01W06 12010-01W12	REFERENCE NO. 12033-01W60 12033-01W61 12033-01W62 12033-B3030		REFERENCE NO.	REFERENCE NO. 11012-B5101 11012-B3000 11012-E3000	
CY 4Cyl.	Ø 76.51 -1.6 CD 41.45 TL 71.7	1-1.75 1-2.0 1-3.0	Ø 24 TL 64 SP27C		TL OD FT FD	TIK NO.
	TIK NO. 1N765100 1N76510T	TIK NO. R1N765100	TIK NO. P1N765100	TIK NO.	TIK NO.	
Surface Treatment 01	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
A15 C120 4Cyl.	Ø 76 -6.5 CD 30 TL 65	1-1.2 1-2.0 1-4.0	Ø 19 TL 63		TL 138.0 OD 80.0 FT FD	TIK NO.
	TIK NO. 1N7601A0	TIK NO. R1N7601A0	TIK NO. P1N7601A0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-H9802	REFERENCE NO. 12033-H7680 12033-H9800 12033-H9810 12033-H9820		REFERENCE NO.	REFERENCE NO. 11012-H7200 11012-H7685 11012-H9700 11012-H9820	
A15A NEW 4 Cyl.	Ø 76 -5.4 CD 30 TL 65	1-1.2 1-2.0 1-4.0	Ø 19 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1N7601C0	TIK NO. R1N7601C0	TIK NO. P1N7601C0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-H9714	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

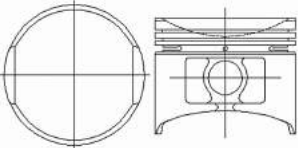
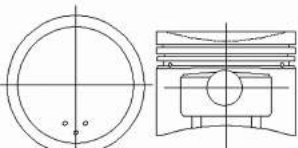
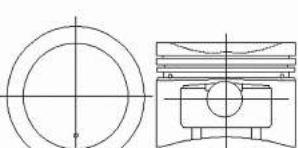
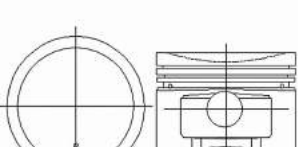
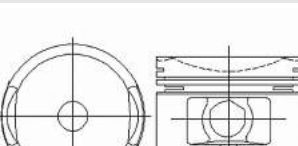


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
A15C 4Cyl.	∅ 76 -2.8 CD 30 TL 65	1-1.2 1-2.0 1-4.0	∅ 19 TL 63		TL OD FT FD		TIK NO.
	TIK NO. 1N7601D0	TIK NO. R1N7601D0	TIK NO. P1N7601D0	TIK NO.	TIK NO.		
	REFERENCE NO. 12010-H9704	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
A14S 4Cyl.	∅ 76 -4.2 CD 32.5 TL 67.5	2-2.0 1-4.0	∅ 19 TL 63		TL OD FT FD	138.0 80.0	TIK NO.
	TIK NO. 1N760200	TIK NO. R1N760200	TIK NO. P1N760200	TIK NO.	TIK NO. LNSN1N760200		
	REFERENCE NO. 12010-H7521	REFERENCE NO. 12033-H7200 12033-H8660 12033-H8900 12033-H8910		REFERENCE NO.	REFERENCE NO. 11012-H7200 11012-H7685 11012-H9700 11012-H9820		
Surface Treatment 00							
A14 4Cyl.	∅ 76 -3.5 CD 32.7 TL 67.5	2-2.0 1-4.0	∅ 19 TL 63		TL OD FT FD	138.0 80.0	TIK NO.
	TIK NO. 1N7602A0	TIK NO. R1N760200	TIK NO. P1N7602A0	TIK NO.	TIK NO. LNSN1N760200		
	REFERENCE NO. 12010-H7511 12010-H7521 12010-H7685	REFERENCE NO. 12033-H7200 12033-H8660 12033-H8900 12033-H8910		REFERENCE NO.	REFERENCE NO. 11012-H7200 11012-H7685 11012-H9700 11012-H9820		
Surface Treatment 00							
A14S 4Cyl.	∅ 76 -2.25 CD 32.6 TL 67.5	2-2.0 1-4.0	∅ 19 TL 63		TL OD FT FD	138.0 80.0	TIK NO.
	TIK NO. 1N7602B0	TIK NO. R1N760200	TIK NO. P1N7602B0	TIK NO.	TIK NO. LNSN1N760200		
	REFERENCE NO. 12010-H7711	REFERENCE NO. 12033-H7200 12033-H8660 12033-H8900 12033-H8910		REFERENCE NO.	REFERENCE NO. 11012-H7200 11012-H7685 11012-H9700 11012-H9820		
Surface Treatment 00							
A14D 4 Cyl.	∅ 76 -4 CD 32.5 TL 67.5	1-1.2 1-2.0 1-4.0	∅ 19 TL 63		TL OD FT FD	138.0 80.0	TIK NO.
	TIK NO. 1N7602C0	TIK NO. R1N7602C0	TIK NO. P1N7602C0	TIK NO.	TIK NO. LNSN1N760200		
	REFERENCE NO. 12010-H8702	REFERENCE NO. 12033-H7680 12033-H9800 12033-H9810 12033-H9820		REFERENCE NO.	REFERENCE NO. 11012-H7200 11012-H7685 11012-H9700 11012-H9820		
Surface Treatment 00							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
A14E 4Cyl.	∅ 76 -6.8 CD 32.7 TL 67.5	2-2.0 1-4.0	∅ 19 TL 63		TL OD FT FD		TIK NO.
	TIK NO. 1N7602D0	TIK NO. R1N7602D0	TIK NO. P1N7602D0	TIK NO.	TIK NO.		
Surface Treatment 00	REFERENCE NO. 12010-H9221	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
E13 4Cyl.	∅ 76 -6.9 CD 32.5 TL 62.5	2-1.5 1-4.0	∅ 19 TL 63		TL OD FT FD		TIK NO.
	TIK NO. 1N760300	TIK NO. R1N760300	TIK NO. P1N760300	TIK NO.	TIK NO. LNSN1N760300		
Surface Treatment 00	REFERENCE NO. 12010-01M02 12010-01M04	REFERENCE NO. 12033-01M01/02 12033-01M03/04 12033-17M00/10 12033-61A00/01		REFERENCE NO.	REFERENCE NO.		
E15S 4Cyl.	∅ 76 -9.5 CD 32.5 TL 62.5	2-1.5 1-4.0	∅ 19 TL 63		TL OD FT FD	140.0 80.0	TIK NO.
	TIK NO. 1N760400	TIK NO. R1N760300	TIK NO. P1N760400	TIK NO.	TIK NO. LNSN1N760300		
Surface Treatment 00	REFERENCE NO. 12010-31M02	REFERENCE NO. 12033-01M01/02 12033-01M03/04 12033-17M00/10 12033-61A00/01		REFERENCE NO.	REFERENCE NO. 11012-11M00 11012-11M20		
E15 4Cyl.	∅ 76 -10 CD 32.5 TL 62.5	2-1.5 1-4.0	∅ 19 TL 63		TL OD FT FD	138.0 80.0	TIK NO.
	TIK NO. 1N760500	TIK NO. R1N760300	TIK NO. P1N760500	TIK NO.	TIK NO. LNSN1N760500		
Surface Treatment 00	REFERENCE NO. 12010-11M02 12010-11M12	REFERENCE NO. 12033-01M01/02 12033-01M03/04 12033-17M00/10 12033-61A00/01		REFERENCE NO.	REFERENCE NO. 11012-11M00 11012-11M20		
A14C 4 Cyl.	∅ 76 -1 CD 32.5 TL 67.5	2-2.0 1-4.0	∅ 19 TL 63		TL OD FT FD	138.0 80.0	TIK NO.
	TIK NO. 1N760600	TIK NO. R1N760200	TIK NO. P1N760600	TIK NO.	TIK NO. LNSN1N760200		
Surface Treatment 00	REFERENCE NO. 12010-H7211 12010-H7201	REFERENCE NO. 12033-H7200 12033-H8660 12033-H8900 12033-H8910		REFERENCE NO.	REFERENCE NO. 11012-H7200 11012-H7685 11012-H9700 11012-H9820		

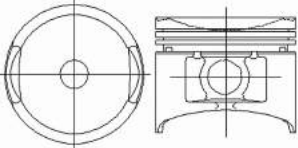
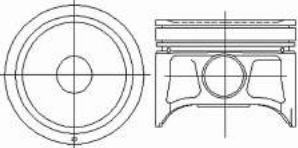
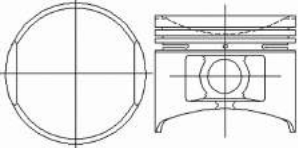
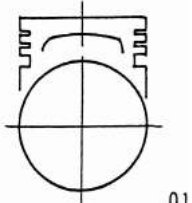


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
E16 4Cyl. 	Ø 76 -10	2-1.5	Ø 19 TL 63		TL 140.0 OD 80.0 FT FD		TIK NO.
	CD 32.5 TL 62.5	1-4.0					
	TIK NO. 1N760700	TIK NO. R1N760300	TIK NO. P1N760700	TIK NO.	TIK NO.	TIK NO. LNSN1N760700	
	REFERENCE NO. 12010-73A00	REFERENCE NO. 12033-01M01/02 12033-01M03/04 12033-17M00/10 12033-61A00/01		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 00						
GA16 4Cyl. 	Ø 76 -4.8	2-1.5	Ø 19 TL 52 R19		TL 140.0 OD 80.0 FT FD		TIK NO.
	CD 29.5 TL 54	1-2.8					
	TIK NO. 1N760800	TIK NO. R1N760800	TIK NO. P1N760800	TIK NO.	TIK NO.	TIK NO. LNSN1N760700	
	REFERENCE NO. 12010-74Y00 12010-74Y01 12010-74Y02	REFERENCE NO. 12033-57Y00 12033-57Y01 12033-84A11 12033-94M00		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 00						
GA16I 4Cyl. 	Ø 76 -5	2-1.5	Ø 19 TL 52 R19		TL 140.0 OD 80.0 FT FD		TIK NO.
	CD 29.5 TL 53.7	1-2.8					
	TIK NO. 1N760900	TIK NO. R1N760800	TIK NO. P1N760900	TIK NO.	TIK NO.	TIK NO. LNSN1N760700	
	REFERENCE NO. 12010-84A61 12010-94M61	REFERENCE NO. 12033-57Y00 12033-57Y01 12033-84A11 12033-94M00		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 00						
GA16DE 4Cyl. 	Ø 76 -4.9	2-1.5	Ø 19 TL 52 R19		TL 140.0 OD 80.0 FT FD		TIK NO.
	CD 29.5 TL 54	1-2.8					
	TIK NO. 1N761000	TIK NO. R1N760800	TIK NO. P1N761000	TIK NO.	TIK NO.	TIK NO. LNSN1N760700	
	REFERENCE NO. A2010-0C500 A2010-57Y00	REFERENCE NO. 12033-57Y00 12033-57Y01 12033-84A11 12033-94M00		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 00						
E16C 4 Cyl. 	Ø 76 -7.5	2-1.5	Ø 19 TL 62		TL OD FT FD		TIK NO.
	CD 32.5 TL 62.5	1-4.0					
	TIK NO. 1N761100	TIK NO. R1N761100	TIK NO. P1N761100	TIK NO.	TIK NO.	TIK NO.	
	REFERENCE NO. 12011-B13G0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 00						

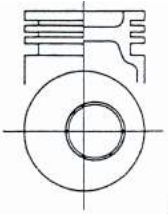
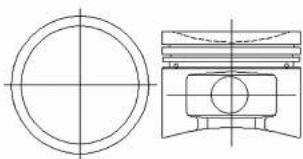
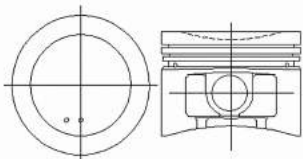
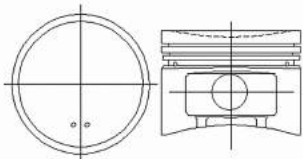
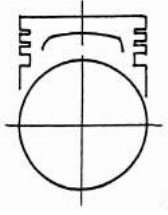


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
A14F 4Cyl.	∅ 76 -4.2 CD 32.5 TL 67.4	2-2.0 1-4.0	∅ 19 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1N761200	TIK NO. R1N761200	TIK NO. P1N761200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
QG16DE 4Cyl.	∅ 76 -4.7 CD 29.2 TL 53.5	2-1.5 1-2.8	∅ 18.995 TL 52 R19		TL 140.0 OD 80.0 FT FD	TIK NO.
	TIK NO. 1N761300	TIK NO. R1N760800	TIK NO. P1N761300	TIK NO.	TIK NO. LNSN1N760700	
Surface Treatment 00	REFERENCE NO. A2010-8M510 12010-D4011	REFERENCE NO. 12033-57Y00 12033-57Y01 12033-84A11 12033-94M00		REFERENCE NO.	REFERENCE NO.	
E16N 4Cyl.	∅ 76 -9.5 CD 32.5 TL 62.5	2-1.5 1-4.0	∅ 19 TL 62		TL 140.0 OD 80.0 FT FD	TIK NO.
	TIK NO. 1N761500	TIK NO. R1N760300	TIK NO. P1N761500	TIK NO.	TIK NO. LNSN1N760300	
Surface Treatment 0A	REFERENCE NO. 12010-33M22 12010-31M12 12010-33M22 12010-33M23	REFERENCE NO. 12033-01M01/02 12033-01M03/04 12033-17M00/10 12033-61A00/01		REFERENCE NO.	REFERENCE NO.	
GA16DEA 4Cyl.	∅ 76 -4.7 CD 29.7 TL 54.2	1-1.5 1-2.8	∅ 18.992 TL 52C1 R19		TL OD FT FD	TIK NO.
	TIK NO. 1N761600	TIK NO. R1N761600	TIK NO. P1N761600	TIK NO.	TIK NO.	
Surface Treatment 0F	REFERENCE NO. A2010-OM212 12010-0W000 A2010-0M210 A2010-0M212	REFERENCE NO. 12033-57Y00 12033-57Y01 12033-84A11 12033-94M00		REFERENCE NO.	REFERENCE NO.	
GA16DE/B 4 Cyl.	∅ 76 -4.8 CD 29.5 TL 52	2-1.5 1-2.8	∅ 19 TL 52 R19		TL OD FT FD	TIK NO.
	TIK NO. 1N761700	TIK NO. R1N761700	TIK NO. P1N761700	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
E16/A 4Cyl.	Ø 76 -7.3 CD 32.5 TL 62.5	2-1.5 1-4.0	Ø 19 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1N761800	TIK NO. R1N761800	TIK NO. P1N761800	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
VQ20DE 6Cyl.	Ø 76 -1 CD 30.4 TL 57.8	2-1.2 1-2.5	Ø 21.996 TL 48 R22		TL OD FT FD	TIK NO.
	TIK NO. 1N761900	TIK NO. R1N761900	TIK NO. P1N761900	TIK NO.	TIK NO. LNSN1N761900	
Surface Treatment 0W	REFERENCE NO. A2010-3Y500	REFERENCE NO. 12033-31U00 12033-31U01 12033-31U10 12033-3Y501		REFERENCE NO.	REFERENCE NO.	
GA16/A 4Cyl.	Ø 76 -10 CD 32.5 TL 62.5	1-1.5 1-1.5 1-4.0	Ø 19 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1N762000	TIK NO. R1N762000	TIK NO. P1N762000	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
H15 4Cyl.	Ø 75.5 CD 41 TL 71	1-2.0 1-2.5 1-4.0	Ø 20 TL 59.5		TL OD FT FD	TIK NO.
	TIK NO. 1N755100	TIK NO. R1N755100	TIK NO. P1N755100	TIK NO.	TIK NO.	
Surface Treatment 01 00	REFERENCE NO. 12010-55K00	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
K15 4 Cyl.	Ø 75.5 CD 32.5 TL 57.9	1-1.5 1-1.5 1-2.8	Ø 20 TL 57		TL OD FT FD	TIK NO.
	TIK NO. 1N755200	TIK NO. R1N755200	TIK NO. P1N755200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12010-FU320	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

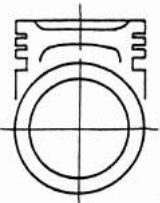
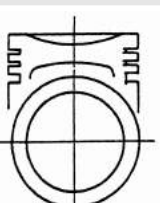
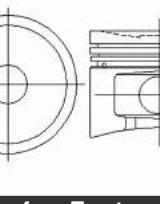
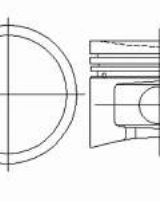
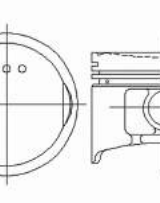


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
A12S 4Cyl.  Surface Treatment 00	Ø 75 -2.4 CD 32.5 TL 67.5	2-2.0 1-4.0	Ø 19 TL 63		TL 122.0 OD 77.0 FT FD		TIK NO.
	TIK NO. 1N750100	TIK NO. R1N730100	TIK NO. P1N750100	TIK NO.	TIK NO. LNSN1N730100		
	REFERENCE NO. 12010-H8511	REFERENCE NO. 12033-A6200 12033-B3040 12033-H6200 12033-H6201		REFERENCE NO.	REFERENCE NO. 11012-H1000 11012-H1011		
GA15DS 4Cyl.  Surface Treatment 0J	Ø 73.6 -5 CD 29.5 TL 52	2-1.5 1-2.8	Ø 19 TL 49 R19		TL OD FT FD		TIK NO.
	TIK NO. 1N736010	TIK NO. R1N736010	TIK NO. P1N736010	TIK NO.	TIK NO. LNSN1N736010		
	REFERENCE NO. A2010-53Y00 A2010-53Y01	REFERENCE NO. 12033-53Y00 12033-87A00 12033-87A10 12033-87A11		REFERENCE NO.	REFERENCE NO.		
GA14 4Cyl.  Surface Treatment 0A	Ø 73.6 -4 CD 32.5 TL 54.6	2-1.5 1-2.8	Ø 19 TL 50 R19		TL 140.0 OD 77.6 FT FD		TIK NO.
	TIK NO. 1N736020	TIK NO. R1N736010	TIK NO. P1N736020	TIK NO.	TIK NO. LNSN1N736020		
	REFERENCE NO. 12010-87A61	REFERENCE NO. 12033-53Y00 12033-87A00 12033-87A10 12033-87A11		REFERENCE NO.	REFERENCE NO.		
GA14DE 4Cyl.  Surface Treatment 0A	Ø 73.6 -3.2 CD 32.5 TL 54.9	2-1.5 1-2.8	Ø 19 TL 49 R19		TL 140.0 OD 77.6 FT FD		TIK NO.
	TIK NO. 1N736030	TIK NO. R1N736010	TIK NO. P1N736030	TIK NO.	TIK NO. LNSN1N736020		
	REFERENCE NO. A2010-73Y00 A2010-73Y01 A2010-73Y02 A2010-73Y10	REFERENCE NO. 12033-53Y00 12033-87A00 12033-87A10 12033-87A11		REFERENCE NO.	REFERENCE NO.		
A10 4 Cyl.  Surface Treatment 00	Ø 73 CD 32.55 TL 67.4	2-2.0 1-4.0	Ø 17.45 TL 65		TL 122.0 OD 77.0 FT FD		TIK NO.
	TIK NO. 1N730100	TIK NO. R1N730100	TIK NO. P1N730100	TIK NO.	TIK NO. LNSN1N730100		
	REFERENCE NO. 12010-18021 12010-H2301	REFERENCE NO. 12033-A6200 12033-B3040 12033-H6200 12033-H6201		REFERENCE NO.	REFERENCE NO. 11012-H1000 11012-H1011		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
J13 4Cyl.	Ø 73 CD 32.58 TL 67.5	2-2.0 1-4.0	Ø 17.45 TL 65		TL 132.0 OD 77.0 FT FD	TIK NO.
	TIK NO. 1N730200	TIK NO. R1N730100	TIK NO. P1N730200	TIK NO.	TIK NO. LNSN1N730200	
Surface Treatment 00	REFERENCE NO. 12010-13201 12010-13200	REFERENCE NO. 12033-A6200 12033-B3040 12033-H6200 12033-H6201		REFERENCE NO.	REFERENCE NO.	
A12 4Cyl.	Ø 73 -1.6 CD 32.5 TL 67.4	2-2.0 1-4.0	Ø 17.45 TL 65		TL 122.0 OD 77.0 FT FD	TIK NO.
	TIK NO. 1N730300	TIK NO. R1N730100	TIK NO. P1N730300	TIK NO.	TIK NO. LNSN1N730100	
Surface Treatment 00	REFERENCE NO. 12010-H1001 12010-H1011 12010-H1061	REFERENCE NO. 12033-A6200 12033-B3040 12033-H6200 12033-H6201		REFERENCE NO.	REFERENCE NO. 11012-H1000 11012-H1011	
A13 4Cyl.	Ø 73 -0.7 CD 32.65 TL 67.4	2-2.0 1-4.0	Ø 17.45 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 1N730400	TIK NO. R1N730100	TIK NO. P1N730400	TIK NO.	TIK NO. LNSN1N730400	
Surface Treatment 00	REFERENCE NO. 12010-H6201 12010-H6211	REFERENCE NO. 12033-A6200 12033-B3040 12033-H6200 12033-H6201		REFERENCE NO.	REFERENCE NO.	
E10S 4Cyl.	Ø 73 -5.4 CD 28 TL 57	2-1.5 1-4.0	Ø 17.45 TL 62		TL OD FT FD	TIK NO.
	TIK NO. 1N730600	TIK NO. R1N730600	TIK NO. P1N730600	TIK NO.	TIK NO. LNSN1N730600	
Surface Treatment 00	REFERENCE NO. 12010-41M02	REFERENCE NO. 12033-41M01 12033-41M02 12033-60M00 12034-60M00		REFERENCE NO.	REFERENCE NO.	
J13/A 4 Cyl.	Ø 73 -1.3 CD 32.48 TL 67.2	2-2.0 1-4.0	Ø 17.44 TL 65		TL OD FT FD	TIK NO.
	TIK NO. 1N730700	TIK NO. R1N730700	TIK NO. P1N730700	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13101-35101	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

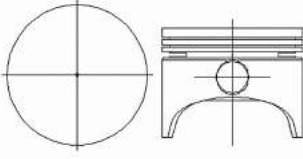
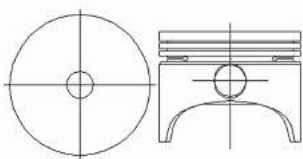
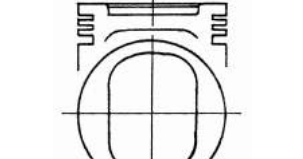
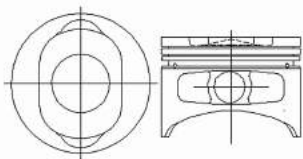
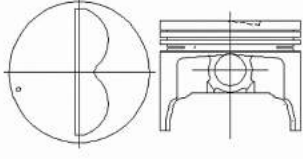


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
A12S 4Cyl.	∅ 73 -1.6 CD 32.425 TL 67.5	2-2.0 1-4.0	∅ 17.45 TL 65.5		TL 122.0 OD 77.0 FT FD	TIK NO.
 02	TIK NO. 1N730800	TIK NO. R1N730100	TIK NO. P1N730800	TIK NO.	TIK NO. LNSN1N730100	
Surface Treatment 00	REFERENCE NO. 12010-H1062	REFERENCE NO. 12033-A6200 12033-B3040 12033-H6200 12033-H6201		REFERENCE NO.	REFERENCE NO. 11012-H1000 11012-H1011	
TDC10 CG10DE 4Cyl.	∅ 71 -5.5 CD 28 TL 49.5	1-1.2 1-1.5 1-3.0	∅ 18 TL 58		TL OD FT FD	TIK NO.
 05	TIK NO. 1N710100	TIK NO. R1N710100	TIK NO. P1N710100	TIK NO.	TIK NO. LNSN1N710100	
Surface Treatment 00	REFERENCE NO. 12011-41B00 12010-41B00	REFERENCE NO. 12033-41B00 12033-41B01 12035-41B00 12035-41B01		REFERENCE NO.	REFERENCE NO.	
GA13 4Cyl.	∅ 71 -2.7 CD 32.5 TL 54	2-1.5 1-2.8	∅ 19 TL 47B1 R19		TL 133.0 OD 75.0 FT FD	TIK NO.
 00	TIK NO. 1N710200	TIK NO. R1N710200	TIK NO. P1N710200	TIK NO.	TIK NO. LNSN1N710200	
Surface Treatment 00	REFERENCE NO. A2010-50Y00 12010-72Y01 A2010-72Y00	REFERENCE NO. 12033-05B05 12033-05B10 12033-05B11 12033-50Y00		REFERENCE NO.	REFERENCE NO.	
QG13DE 4Cyl.	∅ 71 -2.9 CD 32 TL 53.4	2-1.5 1-2.8	∅ 19 TL 47 R19		TL OD FT FD	TIK NO.
 0A	TIK NO. 1N710300	TIK NO. R1N710300	TIK NO. P1N710300	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. A2010-4M460	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
MA10 4 Cyl.	∅ 68 -2.5 CD 26.4 TL 52.5	2-1.5 1-2.8	∅ 17 TL 58		TL OD FT FD	TIK NO.
 00	TIK NO. 1N680100	TIK NO. R1N680100	TIK NO. P1N680100	TIK NO.	TIK NO. LNSN1N680100	
Surface Treatment 00	REFERENCE NO. 12010-01B01	REFERENCE NO. 12033-01B00 12033-01B05 12033-01B10 12033-01B11		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EJ25-OLD 4 Cyl.	Ø 99.5 -1 CD 30.2 TL 55.3	1-1.2 1-1.5 1-2.8	Ø 23 TL 64 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S995010	TIK NO. R1S995010	TIK NO. P1S995010	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 12018-AB020	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EJ25 4 Cyl.	Ø 99.5 -3.2 CD 30.3 TL 51	1-1.2 1-1.5 1-2.8	Ø 23 TL 62B1 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S995020	TIK NO. R1S995020	TIK NO. P1S995020	TIK NO.	TIK NO. LNSN1S995020	
Surface Treatment 0J	REFERENCE NO. 12006-AB410 12006-AB420	REFERENCE NO. 12033-AA760		REFERENCE NO.	REFERENCE NO.	
EJ25 4 Cyl.	Ø 99.5 -3.7 CD 29.5 TL 50	2-1.2 1-2.5	Ø 23 TL 64 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S995030	TIK NO. R1S995030	TIK NO. P1S995030	TIK NO.	TIK NO. LNSN1S995020	
Surface Treatment 0J	REFERENCE NO. 12006-AB470	REFERENCE NO. 12033-AB010		REFERENCE NO.	REFERENCE NO.	
EJ22 4 Cyl.	Ø 97.028 -4.7 CD 33.3 TL 68	1-1.2 1-1.5 1-3.0	Ø 23 TL 58C1 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S970100	TIK NO. R1S970100	TIK NO. P1S970100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12018-AA261 12018-AA271	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
LEGACY 4 Cyl.	Ø 96.6 -4.8 CD 32.8 TL 72.3	1-1.2K 1-1.5 1-3.0	Ø 21 TL 70		TL OD FT FD	TIK NO.
	TIK NO. 1S969100	TIK NO. R1S969100	TIK NO. P1S969100	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

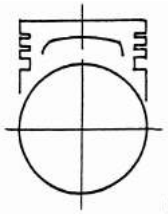
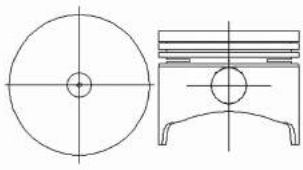
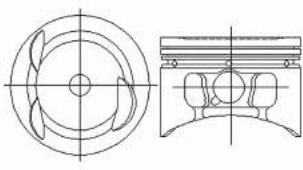
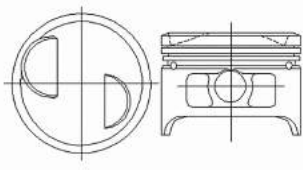
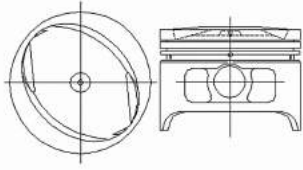


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EA71 4 Cyl.	∅ 92 CD 32 TL 71.5	2-2.0 1-4.0	∅ 21 TL 81 SP24		TL OD FT FD	TIK NO.
	TIK NO. 1S920100	TIK NO. R1S920100	TIK NO. P1S920100	TIK NO.	TIK NO. LNSN1S920100	
Surface Treatment 00	REFERENCE NO. 38005-4300 38005-4310 38005-4320	REFERENCE NO. 38003-4300 38003-4320		REFERENCE NO.	REFERENCE NO.	
EA81 4 Cyl.	∅ 92 CD 31.5 TL 71	1-1.2 1-1.5 1-4.0	∅ 21 TL 81 SP24G		TL OD FT FD	TIK NO.
	TIK NO. 1S920200	TIK NO. R1S920200	TIK NO. P1S920200	TIK NO.	TIK NO. LNSN1S920100	
Surface Treatment 00	REFERENCE NO. 48005-7100 48005-7110 48005-7200	REFERENCE NO. 12033-AA000 12033-AA330 48003-7100		REFERENCE NO.	REFERENCE NO.	
EA81S 4 Cyl.	∅ 92 -4.8 CD 32.8 TL 72.3	1-1.2 1-1.5 1-4.0	∅ 21 TL 81 SP24		TL OD FT FD	TIK NO.
	TIK NO. 1S920300	TIK NO. R1S920300	TIK NO. P1S920300	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 48005-7300	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EA82T 4 Cyl.	∅ 92 -5.5 CD 32.8 TL 65.3	1-1.2 1-1.5 1-4.0	∅ 21 TL 70 SP24		TL OD FT FD	TIK NO.
	TIK NO. 1S920400	TIK NO. R1S920400	TIK NO. P1S920400	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12006-AA240 12006-AA090	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EA82 4 Cyl.	∅ 92 -3 CD 31.8 TL 71.3	1-1.2 1-1.5 1-4.0	∅ 21 TL 70 SP24		TL OD FT FD	TIK NO.
	TIK NO. 1S920500	TIK NO. R1S920500	TIK NO. P1S920500	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12006-AA000	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

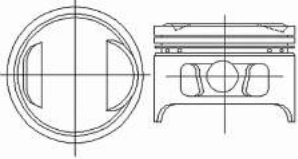
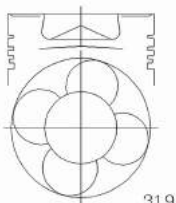
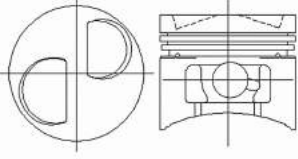


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EJ20 4 Cyl.	∅ 92 -2.8 CD 32.7 TL 53.7	2-1.2 1-2.5	∅ 23 TL 64 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S920600	TIK NO. R1S920600	TIK NO. P1S920600	TIK NO.	TIK NO. LNSN1S920600	
Surface Treatment 0M	REFERENCE NO. 12006-AB240 12006-AB241	REFERENCE NO. 12033-AA510 12033-AA604		REFERENCE NO.	REFERENCE NO.	
EJ20/A 4 Cyl.	∅ 92 -2.8 CD 32.7 TL 53.7	2-1.5 1-3.0	∅ 23 TL 64 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S9206W0	TIK NO. R1S9206W0	TIK NO. P1S9206W0	TIK NO.	TIK NO.	
Surface Treatment 0M	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EJ20T 4 Cyl.	∅ 92 -7.1 CD 33.5 TL 72.2	2-1.5 1-3.0	∅ 23 TL 62 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S920700	TIK NO. R1S920700	TIK NO. P1S920700	TIK NO.	TIK NO.	
Surface Treatment 0G	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EJ20E 4 Cyl.	∅ 92 -1.5 CD 33.5 TL 71.7	1-1.2 1-1.5 1-3.0	∅ 23 TL 62 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S920800	TIK NO. R1S920800	TIK NO. P1S920800	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EJ18 4 Cyl.	∅ 88 -1.5 CD 33.3 TL 68.1	1-1.2 1-1.5 1-3.0	∅ 23 TL 52 SP26		TL OD FT FD	TIK NO.
	TIK NO. 1S880200	TIK NO. R1S880200	TIK NO. P1S880200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12013-AA081	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
EA63 4 Cyl.	Ø 85 CD 32.5 TL 67.5	2-2.0 1-4.0	Ø 20 TL 76 SP32		TL OD FT FD	TIK NO.
	TIK NO. 1S850100	TIK NO. R1S850100	TIK NO. P1S850100	TIK NO.	TIK NO. LNSN1S850100	
01 Surface Treatment 00	REFERENCE NO. 48005-0100 38005-0100	REFERENCE NO. 38003-0110		REFERENCE NO.	REFERENCE NO.	
EA65 4 Cyl.	Ø 83 CD 32 TL 67	1-1.2 1-1.5 1-4.0	Ø 21 TL 74 SP24		TL OD FT FD	TIK NO.
	TIK NO. 1S830100	TIK NO. R1S830100	TIK NO. P1S830100	TIK NO.	TIK NO. LNSN1S830100	
00 Surface Treatment 00	REFERENCE NO. 48005-7010	REFERENCE NO. 48003-7010		REFERENCE NO.	REFERENCE NO.	
EF12 3 Cyl.	Ø 78 -1.1 CD 28 TL 55	1-1.2 1-1.5 1-2.8	Ø 18 TL 61 SP21.5		TL OD FT FD	TIK NO.
	TIK NO. 1S780100	TIK NO. R1S780100	TIK NO. P1S780100	TIK NO.	TIK NO. LNSN1S780100	
00 Surface Treatment 00	REFERENCE NO. 12006-KB060	REFERENCE NO. 12033-KA181 48003-5600 48003-5610 48003-5700		REFERENCE NO.	REFERENCE NO.	
4J10 3 Cyl.	Ø 78 -4.6 CD 27.7 TL 56	1-1.2 1-1.5 1-2.8	Ø 18.045 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1S780200	TIK NO. R1S780200	TIK NO. P1S780200	TIK NO.	TIK NO.	
00 Surface Treatment 00	REFERENCE NO. 12009-KA331	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
EF12/A 4 Cyl.	Ø 78 -5.6 CD 28.48 TL 55.5	1-2.0 1-1.5 1-2.8	Ø 18 TL 61		TL OD FT FD	TIK NO.
	TIK NO. 1S780300	TIK NO. R1S780300	TIK NO. P1S780300	TIK NO.	TIK NO.	
00 Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
E23 2 Cyl.  Surface Treatment 00	\emptyset 76 +1 CD 28.8 TL 54	1-1.2 1-1.5 1-2.8	\emptyset 17 TL 62 SP19.5		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1S760100	R1S760100	P1S760100		LNSN1S760100	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	48002-5500 48002-5400 48005-5500 41351-5401	48003-5400				
Z13DT 4 Cyl.  Surface Treatment 0J	\emptyset 69.6 -12.4 CD 40.43 TL 63.43	1-2.0 1-1.5 1-2.0	\emptyset 23 TL 56.5B1 SP26C		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1S696100 1S69610T	R1S696100	P1S696100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	40213600					
EN07 4 Cyl.  Surface Treatment 00	\emptyset 56 -5.8 CD 26.7 TL 47.1	2-1.2 1-2.5	\emptyset 16 TL 42 SP18C		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1S560100	R1S560100	P1S560100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
		12033-KA300 12033-KA330 12033-KA421 12033-KA450				



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
SUZUKI 2.5 6 Cyl.	Ø 88 -2.2	1-1.2 1-1.5 1-2.8	Ø 21 TL 59 SP24C		TL 138.0 OD 92.0 FT FD		TIK NO.
	CD 29.5 TL 58.9						
	TIK NO. 1S880100	TIK NO.	TIK NO. P1S880100	TIK NO.	TIK NO.		
	REFERENCE NO. 12100-66810-0A0 12100-66810-0B0	REFERENCE NO. 12140-52D00		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 0F						
VITARA 2.7 6 Cyl.	Ø 88 -4.8	1-1.2 1-1.5 1-2.8	Ø 21 TL 58 SP24C		TL 138.0 OD 92.0 FT FD		TIK NO.
	CD 29.5 TL 58.9						
	TIK NO. 1S880300	TIK NO. R1S880300	TIK NO. P1S880300	TIK NO.	TIK NO. LNSN1S880300		
	REFERENCE NO. 12100-52D00 12100-52810-025 12100-52811-050	REFERENCE NO. 12140-52D00		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 0F						
J20A 4 Cyl.	Ø 84 -4.9	2-1.2 1-2.5	Ø 21 TL 58 SP24C		TL 135.0 OD 88.0 FT FD		TIK NO.
	CD 29.5 TL 58.8						
	TIK NO. 1S840100	TIK NO. R1S840100	TIK NO. P1S840100	TIK NO.	TIK NO. LNSN1S840100		
	REFERENCE NO. 12100-65811 12100-65810	REFERENCE NO. 12140-77E00 12140-86FA0		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 00						
H25A 6 Cyl.	Ø 84 -5	1-1.2 1-1.5 1-2.5	Ø 21 TL 59 SP24C		TL 135.0 OD 88.0 FT FD		TIK NO.
	CD 28.5 TL 59						
	TIK NO. 1S840200	TIK NO. R1S840100	TIK NO. P1S840200	TIK NO.	TIK NO. LNSN1S840100		
	REFERENCE NO. 12100-86830-0A0 12010-86830 12100-86831	REFERENCE NO. 12140-77E00 12140-86FA0		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 00						
G16A 4 Cyl.	Ø 75 -4.7	1-1.2 1-1.5 1-2.8	Ø 19 TL 63 SP21.5		TL 138.0 OD 79.0 FT FD		TIK NO.
	CD 28.5 TL 58.2						
	TIK NO. 1S750100	TIK NO. R1S750100	TIK NO. P1S750100	TIK NO.	TIK NO. LNSN1S750100		
	REFERENCE NO. 12111-60A02 12111-60A00	REFERENCE NO. 12140-60A50 12140-61A00		REFERENCE NO.	REFERENCE NO.		
	Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
SWIFT1.6 G16 4 Cyl.	∅ 75 -6	1-1.2 1-1.5 1-2.8	∅ 19 TL 62 SP21.5		TL 138.0 OD 79.0 FT FD	TIK NO.
	CD 28.4 TL 55.4					
	TIK NO. 1S750200	TIK NO. R1S750100	TIK NO. P1S750200	TIK NO.	TIK NO. LNSN1S750100	
	REFERENCE NO. 12111-71C50	REFERENCE NO. 12140-60A50 12140-61A00		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
SWIFT/R 1.6 4 Cyl.	∅ 75 -6	2-1.5 1-2.8	∅ 19 TL 62 SP21.5		TL 138.0 OD 79.0 FT FD	TIK NO.
	CD 28.4 TL 55.4					
	TIK NO. 1S750300	TIK NO. R1S750100	TIK NO. P1S750300	TIK NO.	TIK NO. LNSN1S750100	
	REFERENCE NO. 12111-71C50	REFERENCE NO. 12140-60A50 12140-61A00		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
G16K 4 Cyl.	∅ 75 -4.8	2-1.2 1-2.5	∅ 19 TL 63 SP21.5C		TL OD FT FD	TIK NO.
	CD 28.4 TL 55.5					
	TIK NO. 1S750400	TIK NO. R1S750400	TIK NO. P1S750400	TIK NO.	TIK NO.	
	REFERENCE NO. 12111-61G50	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
FUTURA/A 4 Cyl.	∅ 75 -5.1	1-1.2 1-1.5 1-2.8	∅ 19 TL 64		TL OD FT FD	TIK NO.
	CD 28.5 TL 58.4					
	TIK NO. 1S750500	TIK NO. R1S750500	TIK NO. P1S750500	TIK NO.	TIK NO.	
	REFERENCE NO. 12111-77500	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
G16B 16V 4 Cyl.	∅ 75 -4.1	1-1.2 1-1.5 1-2.8	∅ 19 TL 61.5 SP21.5C		TL 138.0 OD 79.0 FT FD	TIK NO.
	CD 28.5 TL 55.2					
	TIK NO. 1S750600	TIK NO. R1S750100	TIK NO. P1S750600	TIK NO.	TIK NO. LNSN1S750100	
	REFERENCE NO. 12100-71820 12100-71820-0A0	REFERENCE NO. 12140-60A50 12140-61A00		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
FUTURA SL413 4 Cyl.	\emptyset 75 -5 CD 28.3 TL 58.4	1-1.2 1-1.5 1-2.8	\emptyset 19 TL 64		TL OD FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1S750700	R1S750700	P1S750700				
	REFERENCE NO. 12110-77500 12111-77500 12111-77500-OBO	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
BALENO 1.6 4 Cyl.	\emptyset 75 -6 CD 28.3 TL 55.3	2-1.2 1-2.5	\emptyset 19 TL 61 SP21.5		TL OD FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1S750800	R1S750800	P1S750800				
	REFERENCE NO. 12100-61860	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
GC415 4 Cyl.	\emptyset 75 -4.2 CD 28.3 TL 55.3	2-1.2 1-2.5	\emptyset 19 TL 61 SP21.5C		TL OD FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1S750900	R1S750900	P1S750900				
	REFERENCE NO. 12111-61J00-0A0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
SJ413 SJ413D 4 Cyl.	\emptyset 74 CD 28.5 TL 55.4	1-1.2 1-1.5 1-2.8	\emptyset 17 TL 65		TL 140.0 OD 78.0 FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1S740100	R1S740100	P1S740100		LNSN1S740100		
	REFERENCE NO. 12111-82010	REFERENCE NO. 12140-82050 12140-82051 12140-82X50		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
SJ413C 4 Cyl.	\emptyset 74 -5.7 CD 29.5 TL 56.3	1-1.2 1-1.5 1-2.8	\emptyset 17 TL 65		TL 140.0 OD 78.0 FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1S740400	R1S740100	P1S740400		LNSN1S740100		
	REFERENCE NO. 12111-63B50	REFERENCE NO. 12140-82050 12140-82051 12140-82X50		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
G10A 3 Cyl.	Ø 74 -3.3	1-1.2 1-1.5 1-2.8	Ø 17 TL 65		TL 140.0 OD 78.0 FT FD	TIK NO.
	CD 28.5 TL 55.5					
	TIK NO. 1S740500	TIK NO. R1S740500	TIK NO. P1S740500	TIK NO.	TIK NO. LNSN1S740500	
	REFERENCE NO. 12111-60B50 12111-61810	REFERENCE NO. 12140-82001 12140-82050 12140-82051 12140-82161		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
SJ413B 4 Cyl.	Ø 74	1-1.2 1-1.5 1-2.8	Ø 17 TL 65		TL OD FT FD	TIK NO.
	CD 29.3 TL 56.2					
	TIK NO. 1S740700	TIK NO. R1S740700	TIK NO. P1S740700	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
G13C 4 Cyl.	Ø 74 -4.7	1-1.2 1-1.5 1-2.8	Ø 17 TL 65		TL 140.0 OD 78.0 FT FD	TIK NO.
	CD 29.2 TL 56.2					
	TIK NO. 1S740800	TIK NO. R1S740100	TIK NO. P1S740800	TIK NO.	TIK NO. LNSN1S740100	
	REFERENCE NO. 12111-63B00-0B0 12111-63B00	REFERENCE NO. 12140-82050 12140-82051 12140-82X50		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
G13BA 4 Cyl.	Ø 74 -4.8	1-1.2 1-1.5 1-2.8	Ø 17 TL 65		TL 140.0 OD 78.0 FT FD	TIK NO.
	CD 29.3 TL 56.3					
	TIK NO. 1S740900	TIK NO. R1S740100	TIK NO. P1S740900	TIK NO.	TIK NO. LNSN1S740100	
	REFERENCE NO. 12100-61840 12100-63850	REFERENCE NO. 12140-82050 12140-82051 12140-82X50		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					
CULTUS 3 Cyl.	Ø 74 -3.1	2-1.2 1-2.4	Ø 17 TL 65		TL OD FT FD	TIK NO.
	CD 28.7 TL 55.5					
	TIK NO. 1S741000	TIK NO. R1S741000	TIK NO. P1S741000	TIK NO.	TIK NO.	
	REFERENCE NO. 12111-60B51	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 00					

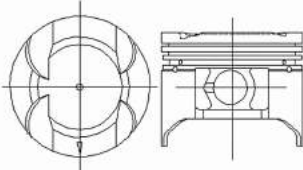
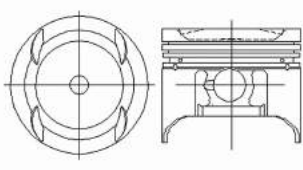
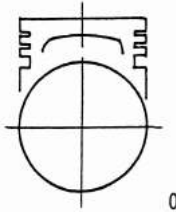
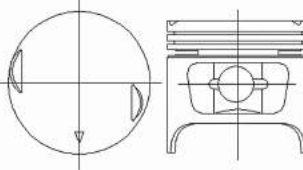
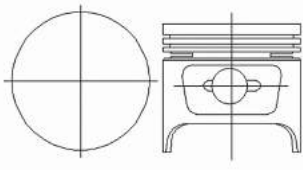


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
BALENO 1.3 4 Cyl.	∅ 74 -4.8	2-1.2	∅ 19 TL 61		TL OD FT FD	TIK NO.
	CD 29 TL 56	1-2.5	SP21.5			
	TIK NO. 1S741100	TIK NO. R1S741100	TIK NO. P1S741100	TIK NO.	TIK NO.	
	REFERENCE NO. 12101-63810	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4 Cyl.	∅ 72 -5.5	1-2.0 1-5.0 1-2.8	∅ 17 TL 60 R17		TL OD FT FD	TIK NO.
	CD 28 TL 55					
	TIK NO. 1S720100	TIK NO. R1S720100	TIK NO. P1S720100	TIK NO.	TIK NO.	
	REFERENCE NO. 12111-68EA0	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
SS80 F8B ST308 4 Cyl.	∅ 68.5 -5.6	2-1.5 1-2.8	∅ 16 TL 53 SP18		TL 160.0 OD 72.5 FT FD	TIK NO.
	CD 25 TL 55					
	TIK NO. 1S685100	TIK NO. R1S685100	TIK NO. P1S685100	TIK NO.	TIK NO. LNSN1S685100	
	REFERENCE NO. 12111-78400 12110-78402	REFERENCE NO. 12140-78410 12140-78411 12140-78412		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
F8C 3 Cyl.	∅ 68.5 -2.5	1-1.2 1-1.5 1-2.8	∅ 16 TL 53 SP18		TL OD FT FD	TIK NO.
	CD 25 TL 55					
	TIK NO. 1S685200	TIK NO. R1S685200	TIK NO. P1S685200	TIK NO.	TIK NO.	
	REFERENCE NO. 12111-A78B01	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
RF410 3 Cyl.	∅ 68.5 -1.7	1-1.0 1-1.2 1-2.0	∅ 16 TL 49 SP18C		TL OD FT FD	TIK NO.
	CD 5.4 TL 52.4					
	TIK NO. 1S685400	TIK NO. R1S685400	TIK NO. P1S685400	TIK NO.	TIK NO.	
	REFERENCE NO. 12111M79G70-0B0 12111M79G70	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0J						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
ST60 2 Cyl.	∅ 68 +3.8 CD 32.2 TL 71.3	1-1.2K 1-2.0K	∅ 16 TL 59 SP18C		TL OD FT FD	TIK NO.
	TIK NO. 1S680100	TIK NO. R1S680100	TIK NO. P1S680100	TIK NO.	TIK NO. LNSN1S680100	
Surface Treatment 00	REFERENCE NO. 12110-67101	REFERENCE NO. 12140-67820		REFERENCE NO.	REFERENCE NO.	
K6A 3 Cyl.	∅ 68 -3.9 CD 25.7 TL 52.5	1-1.0 1-2.0 1-2.0	∅ 18 TL 49 SP20C		TL OD FT FD	TIK NO.
	TIK NO. 1S680200	TIK NO. R1S680200	TIK NO. P1S680200	TIK NO.	TIK NO.	
Surface Treatment 0F	REFERENCE NO. 12111-73G02	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
SJ410 F10A ST100 4 Cyl.	∅ 65.5 -2 CD 24.5 TL 55	2-1.5 1-2.8	∅ 16 TL 53 SP18		TL 125.0 OD 69.5 FT FD	TIK NO.
	TIK NO. 1S650100	TIK NO. R1S650100	TIK NO. P1S650100	TIK NO.	TIK NO. LNSN1S650100	
Surface Treatment 00	REFERENCE NO. 12111-75107 12111-75104 12111-85201	REFERENCE NO. 12140-75101 12140-75110 12140-75111 12140-75112		REFERENCE NO.	REFERENCE NO.	
F6A 4 Cyl.	∅ 65 -3 CD 25.5 TL 52.5	1-1.2 1-1.5 1-2.5	∅ 16 TL 50 SP18		TL OD FT FD	TIK NO.
	TIK NO. 1S650300	TIK NO. R1S650300	TIK NO. P1S650300	TIK NO.	TIK NO. LNSN1S650300	
Surface Treatment 00	REFERENCE NO. 12111-86050	REFERENCE NO. 12140-51E50 12140-73D00		REFERENCE NO.	REFERENCE NO.	
F5A/B 4 Cyl.	∅ 65 -3 CD 26.2 TL 51.1	1-1.2 1-1.5 1-2.5	∅ 16 TL 50		TL OD FT FD	TIK NO.
	TIK NO. 1S650400	TIK NO. R1S650400	TIK NO. P1S650400	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12111-85020	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

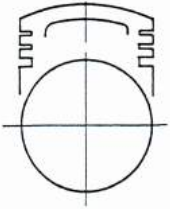
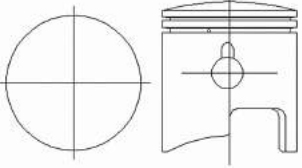


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
F6A/B 3 Cyl.  Surface Treatment 00	\emptyset 65 -0.5 CD 25.5 TL 52.5	1-1.2 1-1.5 1-2.5	\emptyset 16 TL 50 SP18C		TL OD FT FD		TIK NO.
	TIK NO. 1S650500	TIK NO. R1S650300	TIK NO. P1S650500	TIK NO.	TIK NO. LNSN1S650300		
	REFERENCE NO. 12111-51E00	REFERENCE NO. 12140-51E50 12140-73D00		REFERENCE NO.	REFERENCE NO.		
F6A/C 3 Cyl.  Surface Treatment 0F	\emptyset 65 -6.2 CD 26.7 TL 53.7	2-1.2 1-2.5	\emptyset 18 TL 49 SP20C		TL OD FT FD		TIK NO.
	TIK NO. 1S650800	TIK NO. R1S650800	TIK NO. P1S650800	TIK NO.	TIK NO.		
	REFERENCE NO. 12111-62D51	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
TS 185ER 1 Cyl.  Surface Treatment 00	\emptyset 64 +4.8 CD 32.5 TL 75	2-1.5	\emptyset 16 TL 50 SP16		TL OD FT FD		TIK NO.
	TIK NO. 1S640100	TIK NO. R1S640100	TIK NO. P1S640100	TIK NO.	TIK NO.		
	REFERENCE NO. 12110-29900	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
ST90 4 Cyl.  Surface Treatment 00	\emptyset 62 -1 CD 27.5 TL 57.5	2-1.5 1-2.8	\emptyset 16 TL 50 SP18		TL OD FT FD	120.0 66.0	TIK NO.
	TIK NO. 1S620100	TIK NO. R1S620100	TIK NO. P1S620100	TIK NO.	TIK NO. LNSN1S620100		
	REFERENCE NO. 12111-78110 12111-78111	REFERENCE NO. 12140-73000 12140-73010 12140-73011		REFERENCE NO.	REFERENCE NO.		
LJ80 4 Cyl.  Surface Treatment 00	\emptyset 62 CD 27.5 TL 57.5	2-1.5 1-2.8	\emptyset 16 TL 50 SP18		TL OD FT FD	120.0 66.0	TIK NO.
	TIK NO. 1S620200	TIK NO. R1S620100	TIK NO. P1S620200	TIK NO.	TIK NO. LNSN1S620100		
	REFERENCE NO. 12111-73002	REFERENCE NO. 12140-73000 12140-73010 12140-73011		REFERENCE NO.	REFERENCE NO.		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
F5A-NEW 3 Cyl.	∅ 62 -1.9 CD 23.5 TL 47.9	2-1.2 1-2.8	∅ 15 TL 46		TL OD FT FD	TIK NO.
	TIK NO. 1S620400	TIK NO. R1S620400	TIK NO. P1S620400	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12111-85060	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
F8/E 4 Cyl.	∅ 62 CD 27.5 TL 57.5	2-1.5 1-2.8	∅ 16 TL 49 SP18G		TL OD FT FD	TIK NO.
	TIK NO. 1S620500	TIK NO. R1S620500	TIK NO. P1S620500	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
F5AN 3 Cyl.	∅ 62 -4.5 CD 23.9 TL 48.3	2-1.2 1-2.8	∅ 15 TL 46		TL OD FT FD	TIK NO.
	TIK NO. 1S620600	TIK NO. R1S620600	TIK NO. P1S620600	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 12111-85080	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
F8A/A 4 Cyl.	∅ 62 -1.5 CD 27.5 TL 57.5	2-1.5 1-2.8	∅ 16 TL 49.3 SP18G		TL OD FT FD	TIK NO.
	TIK NO. 1S620700	TIK NO. R1S620700	TIK NO. P1S620700	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
ST20 4 Cyl.	∅ 61 +4 CD 32 TL 71	1-1.2K 1-2.0K	∅ 16 TL 52 SP18C		TL OD FT FD	TIK NO.
	TIK NO. 1S610100	TIK NO. R1S610100	TIK NO. P1S610100	TIK NO.	TIK NO. LNSN1S610100	
Surface Treatment 0D	REFERENCE NO. 12110-67002 12110-72102	REFERENCE NO. 12140-63871 12140-67011 12140-67810 12140-68811		REFERENCE NO.	REFERENCE NO.	

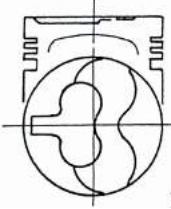
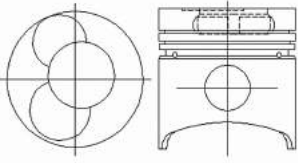
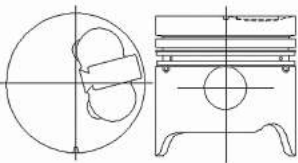
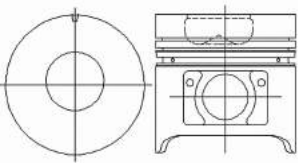
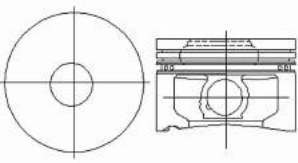


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
L50 2 Cyl.  14 Surface Treatment 00	\emptyset 61 +4 CD 32 TL 71	1-2.0K 1-2.0 1-2.0	\emptyset 16 TL 52 SP18		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1S610200	R1S610200	P1S610200		LNSN1S610200	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	12110-67001	12140-61010 12140-63850 12140-67810 12140-67811				
SS10 3 Cyl.  Surface Treatment 00	\emptyset 58 +4 CD 27.5 TL 60.5	1-1.2K 1-2.0K	\emptyset 14 TL 48 SP16		TL OD FT FD	TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1S580100	R1S580100	P1S580100			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	12111-70400					



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
					TL	OD	
15B 4 Cyl.	∅ 108	1-3.1K	∅ 34		TL	193.0	TIK NO. LKSN1T108010 LKSN1T10801T
	-21.3	1-2.0	TL 73		OD	112.0	
	CD 59.6	1-4.0	R34		FT	5.0	
	TL 94.6				FD	115.0	
	TIK NO. 1T108010 1T10801T	TIK NO. R1T108010	TIK NO. P1T108010	TIK NO. B1T108010	TIK NO. LNSN1T108010		
	REFERENCE NO. 13101-58080 13101-58090	REFERENCE NO. 13011-58090 13013-58090 13014-58090 13015-58090		REFERENCE NO. 90999-73134	REFERENCE NO. 11461-58090		
Surface Treatment 0A							
15BT 4 Cyl.	∅ 108	1-3.0K	∅ 34		TL	193.0	TIK NO. LKSN1T108020 LKSN1T10802L LKSN1T10802T LKSN1T10802H
	-20	1-2.0	TL 73		OD	112.0	
	CD 59.5	1-4.0	R34		FT	5.0	
	TL 94.6				FD	115.0	
	TIK NO. 1T108020 1T10802L 1T10802T 1T10802H	TIK NO. R1T108010	TIK NO. P1T108020	TIK NO. B1T108010	TIK NO. LNSN1T108010		
	REFERENCE NO. 13101-58091 13101-58081 13101-58101	REFERENCE NO. 13011-58090 13013-58090 13014-58090 13015-58090		REFERENCE NO. 90999-73134	REFERENCE NO. 11461-58090		
Surface Treatment 0A							
2D-5G 6 Cyl.	∅ 105	3-3.0	∅ 34		TL		TIK NO. LKFF1T1051A0 LKFF1T1051AT
	-10	2-5.0	TL 88.5		OD		
	CD 73		R34		FT		
	TL 138				FD		
	TIK NO. 1T1051A0 1T1051AT	TIK NO. R1T1051A0	TIK NO. P1T1051A0	TIK NO. B1T1051A0	TIK NO. LNFF1T1051A0		
	REFERENCE NO. 13101-77012 13101-77013	REFERENCE NO. 13011-77010 13011-77020 13011-77021 13011-77022		REFERENCE NO. 90999-70004 90999-70005	REFERENCE NO. 11461-77015 11461-77040		
Surface Treatment 0A							
2D-OLD 6 Cyl.	∅ 105	3-3.0	∅ 34		TL		TIK NO.
	-10	1-5.0	TL 88		OD		
	CD 73		R34		FT		
	TL 138				FD		
	TIK NO. 1T1051B0 1T1051BT	TIK NO. R1T1051B0	TIK NO. P1T1051B0	TIK NO.	TIK NO.		
	REFERENCE NO. 13101-77015	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0A							
2D-4G 6 Cyl.	∅ 105	1-3.0K	∅ 34		TL		TIK NO. LKFF1T1051C0 LKFF1T1051CT
	-3.9	2-2.5	TL 88.5		OD		
	CD 73.1	1-5.0	R34		FT		
	TL 133.1				FD		
	TIK NO. 1T1051C0 1T1051CT	TIK NO. R1T1051C0	TIK NO. P1T1051C0	TIK NO. B1T1051C0	TIK NO. LNFF1T1051C0		
	REFERENCE NO. 13101-77020 13101-77021	REFERENCE NO. 13011-77040 13011-77041 13011-77050		REFERENCE NO. 90999-73080 90999-73081	REFERENCE NO. 11461-77021		
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
2D NEW 6 Cyl.	Ø 105 -4.5	1-3.0K 2-2.5 1-5.0	Ø 34 TL 88 R34		TL		TIK NO.
	CD 73 TL 133				OD		
					FT		
					FD		
 172 Surface Treatment	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T1051D0 1T1051DT	R1T1051D0	P1T1051D0				
	REFERENCE NO. 13101-77021	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
1W WO4D 4 Cyl.	Ø 104 -19.2	1-2.5 1-2.0 1-5.0	Ø 35 TL 85 R35		TL		TIK NO.
	CD 60.5 TL 106.1				OD		LKPF1T104100
					FT		LKPF1T10410T
					FD		
 Surface Treatment 0A	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T104100 1T10410T	R1T104100	P1T104100	B1T104100	LNPF1T104100		
	REFERENCE NO. 13101-78020	REFERENCE NO. 13011-78010		REFERENCE NO. 90999-73095 90999-73110	REFERENCE NO. 11461-78020/30 11461-78040/50		
3B 4 Cyl.	Ø 102 -5	1-2.5K 1-2.5 1-4.5	Ø 32 TL 84 R32		TL		TIK NO.
	CD 52.2 TL 101.2				OD		LKFF1T102100
					FT		LKFF1T10210T
					FD		
 Surface Treatment 0A	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T102100 1T10210T	R1T102100	P1T102100	B1T102100	LNFF1T102100		
	REFERENCE NO. 13101-58011 13101-58010 13101-58012	REFERENCE NO. 13011-58010 13011-58011		REFERENCE NO. 90999-73088 90999-73132	REFERENCE NO. 11461-58010 11461-58020		
13B 4 Cyl.	Ø 102 -22	2-2.5 1-4.5	Ø 34 TL 84 R34		TL		TIK NO.
	CD 63.5 TL 104.5				OD		LKFF1T1022A0
					FT		LKFF1T1022AT
					FD		
 Surface Treatment 0A	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T1022A0 1T1022AT	R1T1022A0	P1T1022A0	B1T1022A0	LNFF1T102100		
	REFERENCE NO. 13101-58020 13101-58021	REFERENCE NO. 13011-58030		REFERENCE NO. 90999-73099	REFERENCE NO. 11461-58010 11461-58020		
14B 4 Cyl.	Ø 102 -19	1-2.5K 1-2.0 1-4.0	Ø 32 TL 72 R32		TL	187.5	TIK NO.
	CD 52 TL 87				OD	106.0	LKFF1T102300
					FT	2.5+1.0	LKFF1T10230T
					FD	111.7	
 Surface Treatment 0A	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T102300 1T10230T	R1T102300	P1T102300	B1T102300	LNFF1T102100		
	REFERENCE NO. 13101-58040 13101-58041	REFERENCE NO. 13011-58050 13011-58051 13011-58070 13013-58050/70		REFERENCE NO. 90999-73116 90999-73124	REFERENCE NO. 11461-58010 11461-58020 11461-58040		

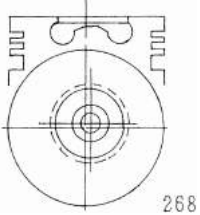
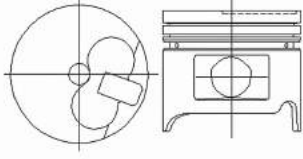
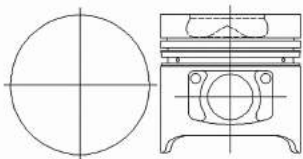
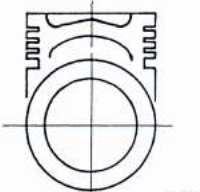


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
13BT 4 Cyl.	∅ 102 -20	1-2.5K 1-2.5 1-4.5	∅ 34 TL 79 R34		TL		TIK NO. LKFF1T102400 LKFF1T10240T
	CD 63.5 TL 98.4				OD		
					FT		
					FD		
	TIK NO. 1T102400 1T10240T	TIK NO. R1T102400	TIK NO. P1T102400	TIK NO. B1T102400	TIK NO. LNFF1T102100		
	REFERENCE NO. 13101-58030	REFERENCE NO. 13011-58040		REFERENCE NO. 90999-73100	REFERENCE NO. 11461-58010 11461-58020		
Surface Treatment 0A							
14BT 4 Cyl.	∅ 102 -19	1-3.0K 1-2.0 1-4.0	∅ 34 TL 79 R34		TL	187.5	TIK NO. LKFF1T102500 LKFF1T10250T
	CD 59.8 TL 94.8				OD	106.0	
					FT	2.5+1.0	
					FD	111.7	
	TIK NO. 1T102500 1T10250T	TIK NO. R1T102500	TIK NO. P1T102500	TIK NO. B1T102400	TIK NO. LNFF1T102100		
	REFERENCE NO. 13101-58060	REFERENCE NO. 13011-58060		REFERENCE NO. 90999-73100	REFERENCE NO. 11461-58010 11461-58020 11461-58040		
Surface Treatment 0A							
3BC 4 Cyl.	∅ 102 -5.2	1-2.5K 1-2.0 1-4.0	∅ 32 TL 72 R32		TL		TIK NO. LKFF1T102600 LKFF1T10260T
	CD 55.2 TL 101.2				OD		
					FT		
					FD		
	TIK NO. 1T102600 1T10260T	TIK NO. R1T102300	TIK NO. P1T102600	TIK NO. B1T102300	TIK NO. LNFF1T102100		
	REFERENCE NO. 13101-58050	REFERENCE NO. 13011-58050 13011-58051 13011-58070 13013-58050/70		REFERENCE NO. 90999-73116 90999-73124	REFERENCE NO. 11461-58010 11461-58020		
Surface Treatment 0A							
1FZFE 6 Cyl.	∅ 100 -2.4	1-1.75 1-2.0 1-4.0	∅ 26 TL 63 SP29C		TL		TIK NO.
	CD 42 TL 76				OD		
					FT		
					FD		
	TIK NO. 1T100090	TIK NO. R1T100090	TIK NO. P1T100090	TIK NO.	TIK NO. LNSN1T100090		
	REFERENCE NO. 13101-66040	REFERENCE NO. 13011-66021 13013-66021 13015-66021		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0M							
1FZFE NEW 6 Cyl.	∅ 100 -1.3	1-1.75 1-2.0 1-4.0	∅ 26 TL 63 SP29C		TL		TIK NO.
	CD 42 TL 66				OD		
					FT		
					FD		
	TIK NO. 1T100100	TIK NO. R1T100100	TIK NO. P1T100100	TIK NO.	TIK NO.		
	REFERENCE NO. 13101-66050 13101-66050-02	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0F							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
1FZFE/A 6 Cyl.	∅ 100 -4 CD 42 TL 76	2-2.0 1-4.0	∅ 26 TL 63 SP29C		TL OD FT FD	TIK NO.
	TIK NO. 1T100110	TIK NO. R1T100110	TIK NO. P1T100110	TIK NO.	TIK NO. LNSN1T100090	
Surface Treatment 0A	REFERENCE NO. 13101-66020	REFERENCE NO. 13011-66020		REFERENCE NO.	REFERENCE NO.	
5L 4 Cyl.	∅ 99.5 -2.4 CD 42.3 TL 80.3	1-2.0K 1-1.5 1-4.0	∅ 29 TL 74 R29		TL 155.0 OD 103.5 FT 4.0 FD 106.5	TIK NO. LKSF1T995100 LKSF1T99510L LKSF1T99510T LKSF1T99510H
	TIK NO. 1T995100 1T99510L 1T99510T 1T99510H	TIK NO. R1T995100	TIK NO. P1T995100	TIK NO. B1T920500	TIK NO. LNSF1T995100	
Surface Treatment 0A	REFERENCE NO. 13101-54120 13103-54120	REFERENCE NO. 13011-54130 13013-54130		REFERENCE NO. 90999-73115	REFERENCE NO. 11461-54120	
2B 4 Cyl.	∅ 98 -4 CD 52.3 TL 101.3	1-2.5K 1-2.5 1-4.5	∅ 29 TL 79 SP32		TL OD FT FD	TIK NO. LKFF1T980100 LKFF1T98010T
	TIK NO. 1T980100 1T98010T	TIK NO. R1T980100	TIK NO. P1T980100	TIK NO. B1T9501A0	TIK NO. LNFF1T980100	
Surface Treatment 0A	REFERENCE NO. 13101-57011	REFERENCE NO. 13011-57010		REFERENCE NO. 90999-73065 90999-73121 90999-73131	REFERENCE NO. 11461-57010	
2Z 4 Cyl.	∅ 98 -15.8 CD 50 TL 88	2-2.0 1-4.0	∅ 32 TL 77 R32		TL OD FT FD	TIK NO. LKFF1T980200 LKFF1T98020T
	TIK NO. 1T980200 1T98020T	TIK NO. R1T980200	TIK NO. P1T980200	TIK NO. B1T960300	TIK NO. LNFF1T980200	
Surface Treatment 0A	REFERENCE NO. 13101-78700 13101-75090	REFERENCE NO. 13011-78700 13011-78701 13011-78760		REFERENCE NO. 90384-32950 90384-32951	REFERENCE NO. 11461-78400 11461-78700	
13Z 4 Cyl.	∅ 98 -17.5 CD 56.5 TL 94.6	2-2.0 1-4.0	∅ 32 TL 77 R32		TL OD FT FD	TIK NO. LKFF1T980300 LKFF1T98030T
	TIK NO. 1T980300 1T98030T	TIK NO. R1T980300	TIK NO. P1T980300	TIK NO. B1T960600	TIK NO. LNFF1T980300	
Surface Treatment 0G	REFERENCE NO. 13101-78761	REFERENCE NO. 13011-78700 13011-78701 13011-78760		REFERENCE NO. 90384-32950 90384-32951	REFERENCE NO. 11461-78700	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
2Z NEW 4 Cyl.	∅ 98 -17.2 CD 50 TL 88	2-2.0 1-4.0	∅ 32 TL 77 R32		TL OD FT FD		TIK NO. LKFF1T980400
	TIK NO. 1T980400	TIK NO. R1T980200	TIK NO. P1T980400	TIK NO. B1T960300	TIK NO. LNFF1T980200		
	REFERENCE NO. 13101-78702	REFERENCE NO. 13011-78700 13011-78701 13011-78760		REFERENCE NO. 90384-32950 90384-32951	REFERENCE NO. 11461-78400 11461-78700		
Surface Treatment 0A							
14Z 4 Cyl.	∅ 98 -19 CD 50 TL 88	1-2.0 1-2.0 1-4.0	∅ 32 TL 77 R32		TL OD FT FD		TIK NO.
 268	TIK NO. 1T980500	TIK NO. R1T980500	TIK NO. P1T980500	TIK NO.	TIK NO.		
Surface Treatment 0A	REFERENCE NO. 13101-78780	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
3L 4 Cyl.	∅ 96 -2 CD 42.3 TL 80.3	1-2.0K 1-2.0 1-4.0	∅ 29 TL 74 R29		TL OD FT FD	190.0 100.0 2.5+1.0 107.6	TIK NO. LKFF1T960100 LKFF1T96010T
	TIK NO. 1T960100 1T96010T	TIK NO. R1T960100	TIK NO. P1T960100	TIK NO. B1T920500	TIK NO. LNFF1T960100		
Surface Treatment 0A	REFERENCE NO. 13101-54100 13101-54101	REFERENCE NO. 13011-54120 13013-54120		REFERENCE NO. 90999-73115	REFERENCE NO. 11461-54090 11461-54100		
1Z 4 Cyl.	∅ 96 -15.7 CD 56.5 TL 94.4	2-2.0 1-4.0	∅ 32 TL 77 R32		TL OD FT FD		TIK NO. LKFF1T960300 LKFF1T96030T
	TIK NO. 1T960300 1T96030T	TIK NO. R1T960300	TIK NO. P1T960300	TIK NO. B1T960300	TIK NO. LNFF1T960300		
Surface Treatment 0A	REFERENCE NO. 13101-78300 13101-96300	REFERENCE NO. 13011-78300		REFERENCE NO. 90384-32950 90384-32951	REFERENCE NO. 11461-78360		
1ZR 4 Cyl.	∅ 96 -15.7 CD 56.5 TL 94.4	1-2.5 1-2.0 1-4.0	∅ 32 TL 77 R32		TL OD FT FD		TIK NO.
 141	TIK NO. 1T960400	TIK NO. R1T960400	TIK NO. P1T960400	TIK NO.	TIK NO.		
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
12Z 4 Cyl.	Ø 96 -16	2-2.0	Ø 32 TL 77 R32		TL		TIK NO. LKFF1T960600 LKFF1T96060T
	CD 50.1 TL 88	1-4.0			OD		
					FT		
					FD		
	TIK NO. 1T960600 1T96060T	TIK NO. R1T960600	TIK NO. P1T960600	TIK NO. B1T960600	TIK NO. LNFF1T960600		
REFERENCE NO. 13101-78360	REFERENCE NO. 13011-78300		REFERENCE NO. 90384-32950 90384-32951	REFERENCE NO. 11461-78300 11461-78301 11461-78360			
Surface Treatment 0A							
1KZ-TE 4 Cyl.	Ø 96 -2.2	1-2.0K 1-2.0 1-3.0	Ø 34 TL 73 SP36C		TL		TIK NO. LKFF1T960700 LKFF1T96070L LKFF1T96070T LKFF1T96070H
	CD 45.7 TL 80.7				OD		
					FT		
					FD		
	TIK NO. 1T960700 1T96070L 1T96070T 1T96070H	TIK NO. R1T960700	TIK NO. P1T960700	TIK NO. B1T960700	TIK NO. LNFF1T960700		
REFERENCE NO. 13101-67030	REFERENCE NO. 13011-67030 13013-67030 13014-67030 13015-67030		REFERENCE NO. 90999-73136	REFERENCE NO. 11461-78300 11461-78301			
Surface Treatment 0F							
1KD/A 4 Cyl.	Ø 96 -17.8	1-2.0K 1-1.5 1-3.0	Ø 34 TL 73 SP37C-1		TL	170.0	TIK NO. LKSN1T960800 LKSN1T96080L LKSN1T96080T LKSN1T96080H
	CD 49.6 TL 77.6				OD	99.0	
					FT	5.0	
					FD	105.0	
	TIK NO. 1T960800 1T96080L 1T96080T 1T96080H	TIK NO. R1T960800	TIK NO. P1T960800	TIK NO. B1T960800	TIK NO. LNSN1T960800		
REFERENCE NO. 13211-30040 13103-30020 13104-30020 13105-30020	REFERENCE NO. 13011-30040/50 13011-30051 13014-30051 13015-30051		REFERENCE NO. 90999-73143 90999-73156	REFERENCE NO.			
Surface Treatment 0J							
1KD 4 Cyl.	Ø 96 -16.4	1-2.0K 1-1.5 1-3.0	Ø 34 TL 73 SP37C-1		TL		TIK NO.
	CD 49.6 TL 78.5				OD		
					FT		
					FD		
	TIK NO. 1T960900 1T96090L 1T96090T 1T96090H	TIK NO. R1T960900	TIK NO. P1T960900	TIK NO.	TIK NO.		
REFERENCE NO. 13211-0L030 13101-0L030	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
Surface Treatment 0D							
1KZ-TE New 4 Cyl.	Ø 96 -2.3	1-2.0K 1-2.0 1-3.0	Ø 34 TL 73 SP37C		TL		TIK NO. LKFF1T961000 LKFF1T96100L LKFF1T96100T LKFF1T96100H
	CD 45.7 TL 80.6				OD		
					FT		
					FD		
	TIK NO. 1T961000 1T96100L 1T96100T 1T96100H	TIK NO. R1T960700	TIK NO. P1T961000	TIK NO. B1T960700	TIK NO. LNFF1T960700		
REFERENCE NO. 13101-67050	REFERENCE NO. 13011-67030 13013-67030 13014-67030 13015-67030		REFERENCE NO. 90999-73136	REFERENCE NO. 11461-78300 11461-78301			
Surface Treatment 0G							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
BU15 4 Cyl.	∅ 95 -2.6	3-2.5	∅ 29 TL 79		TL		TIK NO. LKFF1T9501A0 LKFF1T9501AT
	CD 52.3 TL 101.3	1-4.5	SP32		OD		
					FT		
					FD		
	TIK NO. 1T9501A0 1T9501AT	TIK NO. R1T9501A0	TIK NO. P1T9501A0	TIK NO. B1T9501A0	TIK NO. LNFF1T9501A0		
	REFERENCE NO. 13101-56011 13101-56010 13081-56011	REFERENCE NO. 13011-56011 13015-56011		REFERENCE NO. 90999-73065 90999-73121 90999-73131	REFERENCE NO. 11461-56010		
Surface Treatment 0A							
B-3G 4 Cyl.	∅ 95 -4	1-2.5K 1-2.5 1-4.5	∅ 29 TL 79		TL		TIK NO. LKFF1T9501B0 LKFF1T9501BT
	CD 52.3 TL 101.3		SP32		OD		
					FT		
					FD		
	TIK NO. 1T9501B0 1T9501BT	TIK NO. R1T9501B0	TIK NO. P1T9501B0	TIK NO. B1T9501A0	TIK NO. LNFF1T9501B0		
	REFERENCE NO. 13101-56020 13101-56030 13101-56021	REFERENCE NO. 13011-56012 13011-56013 13011-56021 13011-56022		REFERENCE NO. 90999-73065 90999-73121 90999-73131	REFERENCE NO. 11461-56020		
Surface Treatment 0A							
11B 4 Cyl.	∅ 95 -17	2-2.5 1-4.5	∅ 34 TL 76 R34		TL	190.0	TIK NO. LKFF1T950200 LKFF1T95020T
	CD 63.3 TL 98.3				OD	99.0	
					FT	2.5+1.0	
					FD	104.6	
	TIK NO. 1T950200 1T95020T	TIK NO. R1T950200	TIK NO. P1T950200	TIK NO. B1T1022A0	TIK NO. LNFF1T950200		
	REFERENCE NO. 13101-56040 13101-56041 13101-56042	REFERENCE NO. 13011-56030		REFERENCE NO. 90999-73099	REFERENCE NO. 11461-56030 11462-56060		
Surface Treatment 0A							
2TRFE 4 Cyl.	∅ 95 -8.7	2-1.2 1-2.0	∅ 22.005 TL 62		TL	177.8	TIK NO.
	CD 39.4 TL 59.4		SP25C		OD	99.0	
					FT		
					FD		
	TIK NO. 1T950300	TIK NO. R1T950300	TIK NO. P1T950300	TIK NO.	TIK NO. LNSN1T950300		
	REFERENCE NO. 13101-0C020 13101-75130	REFERENCE NO. 13011-75110 13011-75130 13013-75110		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0M							
BU15A 4 Cyl.	∅ 95 -3.4	1-2.5K 2-2.5 1-4.5	∅ 29 TL 79		TL		TIK NO.
	CD 52.2 TL 101.5		R34		OD		
					FT		
					FD		
	TIK NO. 1T950400	TIK NO. R1T950400	TIK NO. P1T950400	TIK NO.	TIK NO.		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
11B-NEW 4 Cyl.	Ø 95 -20.3	1-2.5K 1-2.0 1-4.0	Ø 32 TL 72 R32		TL OD FT FD	190.0 99.0 2.5+1.0 104.6	TIK NO. LKFF1T950500 LKFF1T95050T
	CD 55.5 TL 90.5						
	TIK NO. 1T950500 1T95050T	TIK NO. R1T950500	TIK NO. P1T950500	TIK NO. B1T102300	TIK NO. LNFF1T950200		
	REFERENCE NO. 13101-56060 13103-56060 13104-56060	REFERENCE NO. 13011-56040 13011-56041 13013-56040 13014-56040		REFERENCE NO. 90999-73116 90999-73124	REFERENCE NO. 11461-56030 11462-56060		
Surface Treatment 0A							
1B 4 Cyl.	Ø 95 -4.2	1-2.5K 1-2.0 1-4.0	Ø 29 TL 72 R29		TL OD FT FD		TIK NO. LKFF1T950600 LKFF1T95060T
	CD 52.3 TL 101.2						
	TIK NO. 1T950600 1T95060T	TIK NO. R1T950500	TIK NO. P1T950600	TIK NO. B1T9501A0	TIK NO. LNFF1T9501B0		
	REFERENCE NO. 13101-56050	REFERENCE NO. 13011-56040 13011-56041 13013-56040 13014-56040		REFERENCE NO. 90999-73065 90999-73121 90999-73131	REFERENCE NO. 11461-56020		
Surface Treatment 0A							
2RZFE 4 Cyl.	Ø 95 -1	2-1.5 1-4.0	Ø 24 TL 70 SP27		TL OD FT FD		TIK NO.
	CD 35.5 TL 59						
	TIK NO. 1T950700	TIK NO. R1T9501B0	TIK NO. P1T950700	TIK NO.	TIK NO. LNSN1T950700		
	REFERENCE NO. 13101-75070	REFERENCE NO. 13011-75040 13011-75041 13013-75040 13013-75041		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0M							
2TZFE 4 Cyl.	Ø 95 -2.5	1-1.75 1-1.5 1-4.0	Ø 24 TL 70 SP27C		TL OD FT FD		TIK NO.
	CD 35.5 TL 67.5						
	TIK NO. 1T950800	TIK NO. R1T950800	TIK NO. P1T950800	TIK NO.	TIK NO. LNSN1T950700		
	REFERENCE NO. 13101-76041	REFERENCE NO. 13011-75030 13011-75060 13011-75070 13011-76010		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0G							
2RZE 4 Cyl.	Ø 95 -5.7	1-1.75 1-1.5 1-4.0	Ø 24 TL 70 SP27C		TL OD FT FD		TIK NO.
	CD 35.5 TL 67.5						
	TIK NO. 1T950900	TIK NO. R1T950800	TIK NO. P1T950900	TIK NO.	TIK NO. LNSN1T950700		
	REFERENCE NO. 13101-75020 13103-75020	REFERENCE NO. 13011-75030 13011-75060 13011-75070 13011-76010		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
3RZFE 4 Cyl.	Ø 95 -2.8	2-1.5	Ø 24 TL 70 SP27C		TL 177.8 OD 99.0 FT FD	TIK NO.
	CD 37.6 TL 61	1-4.0				
	TIK NO. 1T951000	TIK NO. R1T9501B0	TIK NO. P1T951000	TIK NO.	TIK NO. LNSN1T950300	
	REFERENCE NO. 13101-75040 13101-75041	REFERENCE NO. 13011-75040 13011-75041 13013-75040 13013-75041		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0M						
2TZ 4 Cyl.	Ø 95 -6.2	1-1.75 1-1.5 1-4.0	Ø 24 TL 70 SP27C		TL OD FT FD	TIK NO.
	CD 35.6 TL 58.8					
	TIK NO. 1T951100	TIK NO. R1T950800	TIK NO. P1T951100	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-75080	REFERENCE NO. 13011-75030 13011-75060 13011-75070 13011-76010		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0F						
3RZ 4 Cyl.	Ø 95 -5.4	1-1.75 1-1.5 1-4.0	Ø 24 TL 70 SP27C		TL OD FT FD	TIK NO.
	CD 37.6 TL 61					
	TIK NO. 1T951200	TIK NO. R1T951200	TIK NO. P1T951200	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-75050	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0M						
2TZFZE 2TZFZE/A 4 Cyl.	Ø 95 -3.3	1-1.75 1-1.5 1-4.0	Ø 24 TL 70 SP26C		TL OD FT FD	TIK NO.
	CD 35.5 TL 58					
	TIK NO. 1T951300	TIK NO. R1T951300	TIK NO. P1T951300	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-76050	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
3F 6 Cyl.	Ø 94	2-1.5 1-4.0	Ø 22 TL 75 SP25		TL 191.0 OD 98.0 FT FD	TIK NO.
	CD 37.5 TL 79.5					
	TIK NO. 1T940100	TIK NO. R1T940100	TIK NO. P1T940100	TIK NO.	TIK NO. LNSN1T940100	
	REFERENCE NO. 13101-61030	REFERENCE NO. 13011-61060 13011-61061 13013-61060 13013-61061		REFERENCE NO.	REFERENCE NO. 11461-61010	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
2F 6 Cyl.	∅ 94 +0.2	1-2.0 1-2.5 1-4.0	∅ 25.147 TL 72		TL 191.0 OD 98.0 FT FD		TIK NO.
	CD 47.6 TL 95.8						
	TIK NO. 1T9402A0	TIK NO. R1T9402A0	TIK NO. P1T9402A0	TIK NO.	TIK NO. LNSN1T940100		
	REFERENCE NO. 13101-61010 13101-61011	REFERENCE NO. 13011-61010 13011-61040 13013-61010 13013-61020		REFERENCE NO.	REFERENCE NO. 11461-61010		
Surface Treatment 00							
2FT 6 Cyl.	∅ 94 +6.5	1-2.0 1-2.5 1-4.0	∅ 25.147 TL 72		TL 191.0 OD 98.0 FT FD		TIK NO.
	CD 47.22 TL 95.5						
	TIK NO. 1T9402B0	TIK NO. R1T9402A0	TIK NO. P1T9402B0	TIK NO.	TIK NO. LNSN1T940100		
	REFERENCE NO. 13101-61020	REFERENCE NO. 13011-61010 13011-61040 13013-61010 13013-61020		REFERENCE NO.	REFERENCE NO. 11461-61010		
Surface Treatment 00							
1HZ 6 Cyl.	∅ 94 -1.5	1-2.0K 1-2.0 1-4.0	∅ 29 TL 65 R29		TL 168.0 OD 98.0 FT 2.5 FD 103.0		TIK NO. LKSN1T940300 LKSN1T94030T
	CD 43.6 TL 80.6						
	TIK NO. 1T940300 1T94030T	TIK NO. R1T940300	TIK NO. P1T940300	TIK NO. B1T940300	TIK NO. LNSN1T940300		
	REFERENCE NO. 13101-17010	REFERENCE NO. 13011-17010/1 13011-17020 13011-17030 13013-17010/1		REFERENCE NO. 90999-73126	REFERENCE NO. 11461-17010		
Surface Treatment 0A							
1HD-T 6 Cyl.	∅ 94 -17	1-2.0K 1-2.0 1-4.0	∅ 33 TL 73 SP36		TL 168.0 OD 98.0 FT 2.5 FD 103.0		TIK NO. LKSN1T940400 LKSN1T94040T
	CD 49.7 TL 80.6						
	TIK NO. 1T940400 1T94040T	TIK NO. R1T940300	TIK NO. P1T940400	TIK NO. B1T940400	TIK NO. LNSN1T940300		
	REFERENCE NO. 13101-17020	REFERENCE NO. 13011-17010/1 13011-17020 13011-17030 13013-17010/1		REFERENCE NO. 90999-73127 90999-73137	REFERENCE NO. 11461-17010		
Surface Treatment 0A							
1GRFE 6 Cyl.	∅ 94 -6.8	2-1.2 1-2.0	∅ 22.005 TL 62 SP25C		TL OD FT FD		TIK NO.
	CD 35.5 TL 56.5						
	TIK NO. 1T940500	TIK NO. R1T940500	TIK NO. P1T940500	TIK NO.	TIK NO. LNSN1T940500		
	REFERENCE NO. 13101-31030	REFERENCE NO. 13011-31100		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0M							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
2GRFE 6 Cyl.	∅ 94 -2.3 CD 31.3 TL 52.5	1-1.2 1-1.2 1-2.0	∅ 22 TL 56B1 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1T940600	TIK NO. R1T940600	TIK NO. P1T940600	TIK NO.	TIK NO. LNSN1T940600	
Surface Treatment OM	REFERENCE NO. 13101-31090	REFERENCE NO. 13011-31130		REFERENCE NO.	REFERENCE NO.	
5VZFE 6 Cyl.	∅ 93.5 -5.2 CD 34 TL 63	2-1.5 1-4.0	∅ 22 TL 62 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1T935100	TIK NO. R1T935100	TIK NO. P1T935100	TIK NO.	TIK NO. LNSN1T935100	
Surface Treatment OF	REFERENCE NO. 13101-62060 13103-62060	REFERENCE NO. 13011-62100 13011-62110 13011-62120 13013-62100		REFERENCE NO.	REFERENCE NO.	
2L 4 Cyl.	∅ 92 -1.3 CD 49.2 TL 86.2	1-2.0K 1-2.0 1-4.0	∅ 27 TL 74 R27		TL 160.5 OD 96.0 FT 3.5+1.0 FD 100.7	TIK NO. LKFF1T9201A0 LKFF1T9201AT
	TIK NO. 1T9201A0 1T9201AT	TIK NO. R1T9201A0	TIK NO. P1T9201A0	TIK NO. B1T880200	TIK NO. LNFF1T9201A0	
Surface Treatment 0A	REFERENCE NO. 13101-54060	REFERENCE NO. 13011-54050 13011-54060/1/2 13011-54090 13011-54100		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-54030 11461-54060	
2LT 4 Cyl.	∅ 92 -3.1 CD 49.2 TL 86.2	1-2.0K 1-2.0 1-4.0	∅ 29 TL 74 R29		TL 160.5 OD 96.0 FT 3.5+1.0 FD 100.7	TIK NO. LKFF1T9201B0 LKFF1T9201BT
	TIK NO. 1T9201B0 1T9201BT	TIK NO. R1T9201A0	TIK NO. P1T9201B0	TIK NO. B1T9201B0	TIK NO. LNFF1T9201A0	
Surface Treatment 0A	REFERENCE NO. 13101-54030 13101-54080	REFERENCE NO. 13011-54050 13011-54060/1/2 13011-54090 13011-54100		REFERENCE NO. 90999-73094 90999-73118	REFERENCE NO. 11461-54030 11461-54060	
2L-NEW 4 Cyl.	∅ 92 -1.5 CD 44.2 TL 80.2	1-2.0K 1-2.0 1-4.0	∅ 27 TL 70 R27		TL 160.5 OD 96.0 FT 3.5+1.0 FD 100.7	TIK NO. LKFF1T9201D0
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Surface Treatment 0A	REFERENCE NO. 13101-54070 13103-54070 13104-54070 13105-54070	REFERENCE NO. 13011-54050 13011-54060/1/2 13011-54090 13011-54100		REFERENCE NO. 90999-73114	REFERENCE NO. 11461-54030 11461-54060	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
22R 22R/A 4 Cyl.	∅ 92 +6.5 CD 39 TL 92.5	1-2.0 1-2.5 1-4.0	∅ 22 TL 75 SP25		TL OD FT FD	160.0 96.0	TIK NO.
	TIK NO. 1T9202A0	TIK NO. R1T9202A0	TIK NO. P1T9202A0	TIK NO.	TIK NO. LNSN1T9202A0		
Surface Treatment 00	REFERENCE NO. 13101-35010 13101-35020	REFERENCE NO. 13011-35010 13011-35020 13011-35030		REFERENCE NO.	REFERENCE NO. 11461-35020		
22RE 4 Cyl.	∅ 92 -1.8 CD 35 TL 64	2-1.5 1-4.0	∅ 22 TL 70 SP25		TL OD FT FD	160.0 96.0	TIK NO.
	TIK NO. 1T9202B0	TIK NO. R1T9201A0	TIK NO. P1T9202B0	TIK NO.	TIK NO. LNSN1T9202A0		
Surface Treatment 00	REFERENCE NO. 13101-35030 13101-35031	REFERENCE NO. 13011-35040/41 13011-35050/51 13011-35052/60 13011-35061/70		REFERENCE NO.	REFERENCE NO. 11461-35020		
22RF 4 Cyl.	∅ 92 -5 CD 35 TL 64	2-1.5 1-4.0	∅ 22 TL 70 SP25		TL OD FT FD	160.0 96.0	TIK NO.
	TIK NO. 1T920300	TIK NO. R1T9201A0	TIK NO. P1T920300	TIK NO.	TIK NO. LNSN1T9202A0		
Surface Treatment 00	REFERENCE NO. 13101-35032	REFERENCE NO. 13011-35040/41 13011-35050/51 13011-35052/60 13011-35061/70		REFERENCE NO.	REFERENCE NO. 11461-35020		
22RC 4 Cyl.	∅ 92 -2.1 CD 34.4 TL 63	2-1.5 1-4.0	∅ 22 TL 73.5 R22		TL OD FT FD	160.0 96.0	TIK NO.
	TIK NO. 1T920400	TIK NO. R1T9201A0	TIK NO. P1T920400	TIK NO.	TIK NO. LNSN1T9202A0		
Surface Treatment 00	REFERENCE NO. 13101-35032	REFERENCE NO. 13011-35040/41 13011-35050/51 13011-35052/60 13011-35061/70		REFERENCE NO.	REFERENCE NO. 11461-35020		
2LTA 4 Cyl.	∅ 92 -2.5 CD 44.4 TL 80.3	1-2.0K 1-2.0 1-4.0	∅ 29 TL 74 R29		TL OD FT FD	160.5 96.0 3.5+1.0 100.7	TIK NO.
	TIK NO. 1T920500 1T92050L 1T92050T 1T92050H	TIK NO. R1T9201A0	TIK NO. P1T920500	TIK NO. B1T920500	TIK NO. LNFF1T9201A0		LKFF1T920500 LKFF1T92050L LKFF1T92050T LKFF1T92050H
Surface Treatment 0A	REFERENCE NO. 13101-54090 13101-54111	REFERENCE NO. 13011-54050 13011-54060/1/2 13011-54090 13011-54100		REFERENCE NO. 90999-73115	REFERENCE NO. 11461-54030 11461-54060		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
22RFD 4 Cyl.	Ø 92 -2.8 CD 34.5 TL 63.2	2-1.5 1-4.0	Ø 22 TL 70 SP25		TL OD FT FD		TIK NO.
	TIK NO. 1T920600	TIK NO. R1T920600	TIK NO. P1T920600	TIK NO.	TIK NO.		
Surface Treatment 00	REFERENCE NO. RY2795D	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
22RE/A 4 Cyl.	Ø 92 -2 CD 34.5 TL 63.5	2-1.5 1-4.0	Ø 22.05 TL 70 SP25		TL OD FT FD		TIK NO.
	TIK NO. 1T920700	TIK NO. R1T920700	TIK NO. P1T920700	TIK NO.	TIK NO.		
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
2LTB 4 Cyl.	Ø 92 -2.5 CD 44.3 TL 80.3	1-2.0K 1-2.0 1-4.0	Ø 27 TL 70 R27		TL OD FT FD		TIK NO.
	TIK NO. 1T920800 1T92080T	TIK NO. R1T920800	TIK NO. P1T920800	TIK NO.	TIK NO.		
Surface Treatment 0A	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
2KD 4 Cyl.	Ø 92 -19.5 CD 54.2 TL 82.2	1-2.0 1-1.5 1-3.0	Ø 34 TL 65 SP37C-1		TL OD FT FD	170.0 96.0 4.5 101.0	TIK NO. LKSN1T920900 LKSN1T92090L LKSN1T92090T LKSN1T92090H
	TIK NO. 1T920900 1T92090L 1T92090T 1T92090H	TIK NO. R1T920900	TIK NO. P1T920900	TIK NO. B1T920900	TIK NO. LNSN1T920900		
Surface Treatment 0S	REFERENCE NO. 13211-0L040 13101-0L020-02 13101-0L020	REFERENCE NO. 13011-0L020 13011-0L040 13011-30030 13011-30031		REFERENCE NO. 90999-73145 90999-73157	REFERENCE NO.		
2KD/A 4 Cyl.	Ø 92 -20.5 CD 54.2 TL 82.2	1-2.0 1-1.5 1-3.0	Ø 34 TL 65 SP37C-1		TL OD FT FD	170.0 96.0 4.5 101.0	TIK NO. LKSN1T921000 LKSN1T92100L LKSN1T92100T LKSN1T92100H
	TIK NO. 1T921000 1T92100L 1T92100T 1T92100H	TIK NO. R1T920900	TIK NO. P1T921000	TIK NO. B1T920900	TIK NO. LNSN1T920900		
Surface Treatment 0S	REFERENCE NO. 13101-30030	REFERENCE NO. 13011-0L020 13011-0L040 13011-30030 13011-30031		REFERENCE NO. 90999-73145 90999-73157	REFERENCE NO.		

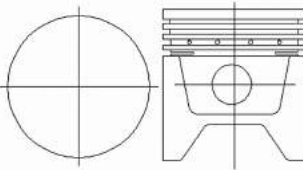
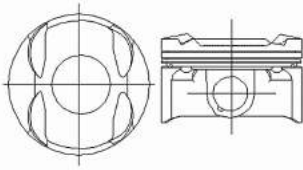
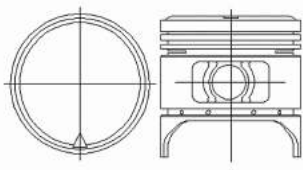
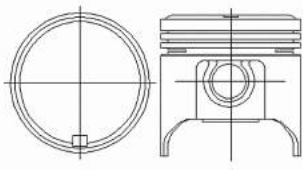
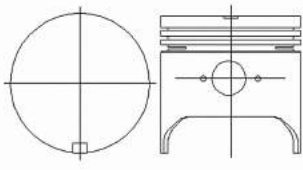


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
3MZFE 6 Cyl.	∅ 92 -0.6	2-1.2 1-3.0	∅ 22 TL 12.5 SP25C		TL OD FT FD	TIK NO.
	CD 31.2 TL 54.5					
	TIK NO. 1T921100	TIK NO. R1T921100	TIK NO. P1T921100	TIK NO.	TIK NO. LNSN1T921100	
	REFERENCE NO. 13101-0A040 13101-20050	REFERENCE NO. 13011-20060 13011-20061		REFERENCE NO.	REFERENCE NO.	
 258 Surface Treatment 0M						
4Y 4 Cyl.	∅ 91 -6.5	2-1.5 1-4.0	∅ 22 TL 66		TL 164.5 OD 95.0 FT FD	TIK NO.
	CD 35 TL 65					
	TIK NO. 1T910100	TIK NO. R1T910100	TIK NO. P1T910100	TIK NO.	TIK NO. LNSN1T910100	
	REFERENCE NO. 13101-73030 13101-73031 13101-73032	REFERENCE NO. 13011-73020/21 13011-73030/31 13011-73032/40 13011-73042		REFERENCE NO.	REFERENCE NO. 11461-73030	
 Surface Treatment 00						
2H 6 Cyl.	∅ 91 -2	1-2.5K 1-2.5 1-4.0	∅ 29 TL 74 R29		TL OD FT FD	TIK NO. LKFF1T910200 LKFF1T91020T
	CD 52.2 TL 102.2					
	TIK NO. 1T910200 1T91020T	TIK NO. R1T910200	TIK NO. P1T910200	TIK NO. B1T910200	TIK NO. LNFF1T910200	
	REFERENCE NO. 13101-68010	REFERENCE NO. 13011-68010 13011-68020 13011-96601 13013-68020		REFERENCE NO. 90999-73087	REFERENCE NO. 11461-68010	
 Surface Treatment 0A						
2H-OLD 6 Cyl.	∅ 91 -2.8	1-2.5K 1-2.5 1-4.0	∅ 27 TL 74 R27		TL OD FT FD	TIK NO.
	CD 50.3 TL 100					
	TIK NO. 1T910300 1T91030T	TIK NO. R1T910300	TIK NO. P1T910300	TIK NO.	TIK NO.	
	REFERENCE NO. 13181-96601 13101-96601 13181-96601	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
 Surface Treatment 0A						
4YB 4 Cyl.	∅ 91 -6.2	2-1.5 1-4.0	∅ 22 TL 66		TL 164.5 OD 95.0 FT FD	TIK NO.
	CD 35 TL 65					
	TIK NO. 1T910400	TIK NO. R1T910100	TIK NO. P1T910400	TIK NO.	TIK NO. LNSN1T910100	
	REFERENCE NO. 13101-73031 13101-73030 13101-73032 13103-73030	REFERENCE NO. 13011-73020/21 13011-73030/31 13011-73032/40 13011-73042		REFERENCE NO.	REFERENCE NO. 11461-73030	
 Surface Treatment 00						

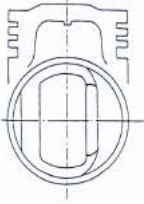
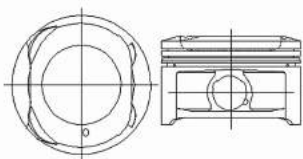
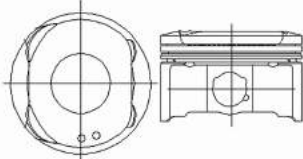
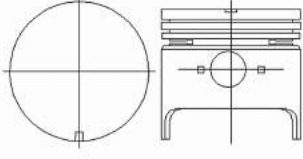


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
2H NEW 6 Cyl.	Ø 91 -1.7	1-2.5K 1-2.5 1-4.0	Ø 29 TL 74 R29		TL		TIK NO. LKFF1T910500
	CD 52.2 TL 90.2				OD		
					FT		
					FD		
	TIK NO. 1T910500 1T91050T	TIK NO. R1T910200	TIK NO. P1T910500	TIK NO. B1T910200	TIK NO. LNFF1T910200		
	REFERENCE NO. 13101-68011 13103-68011	REFERENCE NO. 13011-68010 13011-68020 13011-96601 13013-68020		REFERENCE NO. 90999-73087	REFERENCE NO. 11461-68010		
Surface Treatment 0A							
12HT 6 Cyl.	Ø 91 -15	1-2.5K 1-2.5 1-4.0	Ø 32 TL 77 R32		TL		TIK NO. LKFF1T910600
	CD 56.4 TL 91.5				OD		
					FT		
					FD		
	TIK NO. 1T910600 1T91060T	TIK NO. R1T910600	TIK NO. P1T910600	TIK NO. B1T910600	TIK NO. LNFF1T910200		
	REFERENCE NO. 13101-68020	REFERENCE NO. 13011-68030 13013-68030		REFERENCE NO. 90999-73108	REFERENCE NO. 11461-68010		
Surface Treatment 0A							
L-OLD 4 Cyl.	Ø 90 -1.4	1-2.5 1-2.0 1-4.0	Ø 27 TL 74 R27		TL		TIK NO. LKFF1T9001A0 LKFF1T9001AT
	CD 52.2 TL 99.2				OD		
					FT		
					FD		
	TIK NO. 1T9001A0 1T9001AT	TIK NO. R1T9001A0	TIK NO. P1T9001A0	TIK NO. B1T880200	TIK NO. LNFF1T9001A0		
	REFERENCE NO. 13101-54010 13101-54012 13103-54010	REFERENCE NO. 13011-54010 13011-54020 13011-54021 13013-54020		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-54010		
Surface Treatment 0A							
L-NEW 4 Cyl.	Ø 90 -1.4	1-2.0K 1-2.0 1-4.0	Ø 27 TL 74 R27		TL		TIK NO. LKFF1T9001B0
	CD 52 TL 99				OD		
					FT		
					FD		
	TIK NO. 1T9001B0 1T9001BT	TIK NO. R1T9001B0	TIK NO. P1T9001B0	TIK NO. B1T880200	TIK NO. LNFF1T9001A0		
	REFERENCE NO. 13101-54020 13101-54021	REFERENCE NO. 13011-54030 13011-54031 13011-54040/1 13011-54042		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-54010		
Surface Treatment 0A							
FA 6 Cyl.	Ø 90	1-2.0 1-2.5 2-4.0	Ø 25.147 TL 80		TL	187.0	TIK NO.
	CD 47.5 TL 95.5				OD	94.0	
					FT		
					FD		
	TIK NO. 1T9002A0	TIK NO. R1T9002A0	TIK NO. P1T9002A0	TIK NO.	TIK NO. LNSN1T9002A0		
	REFERENCE NO. 13101-60020	REFERENCE NO. 13011-60040 13012-60040 13013-60040 13014-60040		REFERENCE NO.	REFERENCE NO. 11462-60010		
Surface Treatment 00							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
F 6 Cyl. 	\varnothing 90 CD 47.5 TL 95.5	2-3.0 2-4.0	\varnothing 25.147 TL 80		TL 187.0 OD 94.0 FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T9002B0	R1T9002B0	P1T9002B0		LNSN1T9002A0		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-60010 13101-60011	13011-60011 13011-69021 13013-60011 13015-60011			11462-60010		
Surface Treatment 00							
2AR-FE 4 Cyl. 	\varnothing 90 -4.5 CD 39.9 TL 57	2-1.0 1-2.0	\varnothing 22 TL 56		TL OD FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T90030	R1T90030	P1T90030				
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13211-36032-AO 13211-36032-B0 13211-36032-C0						
Surface Treatment 0M							
20R 4 Cyl. 	\varnothing 88.5 +2.9 CD 39 TL 88.9	1-2.0 1-2.5 2-4.0	\varnothing 22 TL 75 SP25		TL 150.0 OD 92.5 FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T885100	R1T885100	P1T885100		LNSN1T885100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-38030	13011-38030 13013-38030 13015-38030			11461-34010		
Surface Treatment 00							
20RE 4 Cyl. 	\varnothing 88.5 +2.7 CD 39 TL 88.7	1-2.0 1-2.5 1-4.0	\varnothing 22 TL 75 SP25		TL 150.0 OD 92.5 FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T8851B0	R1T880500	P1T8851B0		LNSN1T885100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-38050	13011-38010/20 13011-38040/60 13012-34022 13013-34022/23			11461-34010		
Surface Treatment 00							
18R 4 Cyl. 	\varnothing 88.5 CD 39.8 TL 84.8	1-2.0 1-2.5 1-4.0	\varnothing 22 TL 75 SP25		TL 150.0 OD 92.5 FT FD		TIK NO.
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T885200	R1T880500	P1T885200		LNSN1T885100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-34010 13101-34030 13101-34040	13011-38010/20 13011-38040/60 13012-34022 13013-34022/23			11461-34010		
Surface Treatment 00							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
16R 4 Cyl.	∅ 88.5 +1.8 CD 39.6 TL 84.8	1-2.0 1-2.5 1-4.0	∅ 22 TL 71		TL OD FT FD	TIK NO.
	TIK NO. 1T885300	TIK NO. R1T885300	TIK NO. P1T885300	TIK NO.	TIK NO.	
Surface Treatment 97	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
2AZFE 4 Cyl.	∅ 88.5 -8.5 CD 35.8 TL 55.8	2-1.2 1-2.0	∅ 22 TL 56 SP25C		TL OD FT FD	TIK NO. LKSN1T885400
	TIK NO. 1T885400	TIK NO. R1T885400	TIK NO. P1T885400	TIK NO.	TIK NO. LNSN1T885400	
Surface Treatment 0M	REFERENCE NO. 13211-28030-A0 13211-28031-A0 13211-28030 13211-28031	REFERENCE NO. 13011-23100 13011-28100 13011-28101 13011-28102	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
A1894 4 Cyl.	∅ 88.5 -8.5 CD 35.4 TL 53	2-1.2 1-2.0	∅ 22 TL 56		TL OD FT FD	TIK NO.
	TIK NO. 1T885500	TIK NO. R1T885500	TIK NO. P1T885500	TIK NO.	TIK NO.	
Surface Treatment	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
2AZF-N (AMERICAN) 4 Cyl.	∅ 88.5 -7.8 CD 35.8 TL 55.8	1-1.0 1-1.0 1-2.0	∅ 22 TL 56 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1T885600	TIK NO. R1T885600	TIK NO. P1T885600	TIK NO.	TIK NO.	
Surface Treatment 0M	REFERENCE NO. 13211-28110-A0 13211-28112	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	
5R 4 Cyl.	∅ 88 CD 39 TL 85	1-2.0 1-2.5 1-4.0	∅ 22 TL 75 SP25		TL OD FT FD	TIK NO. LKSN1T880100
	TIK NO. 1T880100	TIK NO. R1T880100	TIK NO. P1T880100	TIK NO.	TIK NO. LNSN1T880100	
Surface Treatment 00	REFERENCE NO. 13101-44011 13101-44012 13101-44013 13101-44014	REFERENCE NO. 13011-44061/62 13011-44063/73 13012-44041/60 13014-44060/61	REFERENCE NO.	REFERENCE NO.	REFERENCE NO. 11461-44020	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
2J-4G 4 Cyl.	∅ 88 -2	1-2.5K 2-2.5 1-4.0	∅ 27 TL 74 SP30		TL		TIK NO. LKFF1T880200
	CD 52.2 TL 102.2				OD		
					FT		
					FD		
	TIK NO. 1T880200 1T88020T	TIK NO. R1T880200	TIK NO. P1T880200	TIK NO. B1T880200	TIK NO. LNFF1T880200		
Surface Treatment 0A	REFERENCE NO. 13101-48013 13081-48013	REFERENCE NO. 13011-48013 13011-48021 13015-48021		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-47011 11461-48010 11461-48011		
H-3G 2J-3G 6 Cyl.	∅ 88 -3	1-2.5K 1-2.5 1-4.0	∅ 27 TL 74 SP30		TL		TIK NO. LKFF1T880300 LKFF1T88030T
	CD 52.2 TL 102				OD		
					FT		
					FD		
	TIK NO. 1T880300 1T88030T	TIK NO. R1T880300	TIK NO. P1T880300	TIK NO.	TIK NO. LNFF1T880300		
Surface Treatment 0A	REFERENCE NO. 13081-47013 13081-48014	REFERENCE NO. 13011-47022 13011-47023 13015-47022 13015-47023		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-47011 11461-48010 11461-48011		
H 6 Cyl.	∅ 88 -2.8	1-2.5K 1-2.5 1-4.0	∅ 27 TL 74 SP30		TL		TIK NO.
	CD 52.2 TL 102				OD		
					FT		
					FD		
	TIK NO. 1T880400	TIK NO. R1T880400	TIK NO. P1T880400	TIK NO.	TIK NO.		
Surface Treatment 0A	REFERENCE NO. 13081-47012(L)	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
2J-5G 4 Cyl.	∅ 88 -3.8	3-2.5 2-4.0	∅ 27 TL 74 SP30		TL		TIK NO. LKFF1T880500
	CD 52.3 TL 114.3				OD		
					FT		
					FD		
	TIK NO. 1T880500 1T88050T	TIK NO. R1T880500	TIK NO. P1T880500	TIK NO. B1T880200	TIK NO. LNFF1T880200		
Surface Treatment 0A	REFERENCE NO. 13081-48010 13081-48011	REFERENCE NO. 13011-46021		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-47011 11461-48010 11461-48011		
2JB-4G 4 Cyl.	∅ 88 -3	1-2.5K 2-2.5 1-4.0	∅ 27 TL 74 SP30		TL		TIK NO.
	CD 52.2 TL 102.2				OD		
					FT		
					FD		
	TIK NO. 1T880600 1T88060T	TIK NO. R1T880600	TIK NO. P1T880600	TIK NO.	TIK NO.		
Surface Treatment 0A	REFERENCE NO. 13081-22071 13081-22060	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
4J-3G 4 Cyl.	Ø 88 -3.1	1-2.5K 1-2.5 1-4.0	Ø 27 TL 74		TL		TIK NO.
	CD 52.2 TL 102.2				OD		
					FT		
					FD		
	TIK NO. 1T880700	TIK NO. R1T880700	TIK NO. P1T880700				
	REFERENCE NO. 13081-47012	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	
Surface Treatment							
2J-4G NEW 4 Cyl.	Ø 88 -4	1-2.5K 1-2.5 1-4.0	Ø 27 TL 74 SP30		TL		TIK NO.
	CD 52.3 TL 102.1				OD		
					FT		
					FD		
	TIK NO. 1T880800	TIK NO. R1T880800	TIK NO. P1T880800				
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	
Surface Treatment							
0A							
3R 4 Cyl.	Ø 88	2-2.5 1-4.0	Ø 24 TL 76 R24		TL		TIK NO.
	CD 41 TL 91				OD		
					FT		
					FD		
	TIK NO. 1T880900	TIK NO. R1T880900	TIK NO. P1T880900				
	REFERENCE NO. 13101-40010	REFERENCE NO. 13011-40010 13011-49010 13011-49021		REFERENCE NO.		REFERENCE NO. LNSN1T880900	
Surface Treatment							
00							
2J-3G 4 Cyl.	Ø 88 -2.3	1-2.5K 1-2.5 1-4.0	Ø 27 TL 74 R27		TL		TIK NO. LKFF1T881000
	CD 52.2 TL 102.5				OD		
					FT		
					FD		
	TIK NO. 1T881000	TIK NO. R1T881000	TIK NO. P1T881000	TIK NO. B1T880200		TIK NO. LNFF1T880200	
	REFERENCE NO. 13081-48014/15 13101-48014/15 13081-48015 13101-48015	REFERENCE NO. 13011-48022 13011-48023 13011-48030 13015-48022		REFERENCE NO. 90999-70048 90999-73069 90999-73083		REFERENCE NO. 11461-47011 11461-48010 11461-48011	
Surface Treatment							
0A							
3VZFE 6 Cyl.	Ø 87.5 -5	2-1.5 1-4.0	Ø 22 TL 63 SP25		TL	150.0	TIK NO.
	CD 34 TL 62.1				OD	91.5	
					FT		
					FD		
	TIK NO. 1T875100	TIK NO. R1T875100	TIK NO. P1T875100				
	REFERENCE NO. 13101-62040	REFERENCE NO. 13011-62060 13011-65020 13011-65021 13013-62060		REFERENCE NO.		REFERENCE NO. LNSN1T875100	
Surface Treatment							
00							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
3VZE 3VZE/A 6 Cyl.	Ø 87.5 -6.3 CD 34 TL 63	2-1.5 1-4.0	Ø 21 TL 63		TL 150.0 OD FT 91.5 FD	TIK NO.
	TIK NO. 1T875200	TIK NO. R1T875100	TIK NO. P1T875200	TIK NO.	TIK NO. LNSN1T875100	
Surface Treatment 00	REFERENCE NO. 13301-65040 13101-65040 13101-65010	REFERENCE NO. 13011-62060 13011-65020 13011-65021 13013-62060		REFERENCE NO.	REFERENCE NO.	
2VZ 6 Cyl.	Ø 87.5 -4.6 CD 32.2 TL 65.1	2-1.5 1-3.0	Ø 21 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1T875300	TIK NO. R1T875300	TIK NO. P1T875300	TIK NO.	TIK NO. LNSN1T875300	
Surface Treatment 00	REFERENCE NO. 13101-62020 13103-62020	REFERENCE NO. 13011-62040 13013-62040		REFERENCE NO.	REFERENCE NO.	
1MZFE 6 Cyl.	Ø 87.5 -2.2 CD 31.2 TL 51.2	2-1.2 1-3.0	Ø 22 TL 54 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1T875400	TIK NO. R1T875400	TIK NO. P1T875400	TIK NO.	TIK NO. LNSN1T875400	
Surface Treatment 0M	REFERENCE NO. 13101-20010 13101-20010(R) 13101-20010(L)	REFERENCE NO. 13011-0A020 13011-20010 13011-20012		REFERENCE NO.	REFERENCE NO.	
3VZB 6 Cyl.	Ø 87.5 -6.6 CD 33.7 TL 62.6	2-1.5 1-4.0	Ø 21 TL 63		TL OD FT FD	TIK NO.
	TIK NO. 1T875500	TIK NO. R1T875500	TIK NO. P1T875500	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-65030	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
1MZFEA 6 Cyl.	Ø 87.5 -2.1 CD 31.3 TL 55.25	2-1.2 1-3.0	Ø 22 TL 54 SP25C		TL OD FT FD	TIK NO.
	TIK NO. 1T875600	TIK NO. R1T875600	TIK NO. P1T875600	TIK NO.	TIK NO.	
Surface Treatment 0W	REFERENCE NO. 13101-0A020	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
5S 4 Cyl.	Ø 87 -4.95	2-1.5	Ø 22 TL 66		TL OD FT FD	TIK NO.
	CD 32.45 TL 62.95	1-4.0	SP25			
	TIK NO. 1T870100	TIK NO. R1T870100	TIK NO. P1T870100	TIK NO.	TIK NO. LNSN1T870100	
	REFERENCE NO. 13101-74130 13101-74080 13103-74080 13103-74130	REFERENCE NO. 13011-74150 13011-74190 13011-74260 13011-74261		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
5S-FE 4 Cyl.	Ø 87 -4.3	2-1.2	Ø 22.005 TL 66		TL OD FT FD	TIK NO.
	CD 32.6 TL 56.5	1-3.0	R23			
	TIK NO. 1T870200	TIK NO. R1T870200	TIK NO. P1T870200	TIK NO.	TIK NO. LNSN1T870100	
	REFERENCE NO. 13101-74220	REFERENCE NO. 13011-74370 13011-74380 13011-74410 13013-74370		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
5SFE/A 4 Cyl.	Ø 87 -4.4	2-1.2	Ø 22 TL 66		TL OD FT FD	TIK NO.
	CD 32.5 TL 56.5	1-3.0	SP25C			
	TIK NO. 1T870300	TIK NO. R1T870200	TIK NO. P1T870300	TIK NO.	TIK NO. LNSN1T870100	
	REFERENCE NO. 13101-03060	REFERENCE NO. 13011-74370 13011-74380 13011-74410 13013-74370		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
5S/A 4 Cyl.	Ø 87 -4.7	2-1.5	Ø 22 TL 66		TL OD FT FD	TIK NO.
	CD 32.5 TL 63	1-4.0	SP25C			
	TIK NO. 1T870400	TIK NO. R1T870400	TIK NO. P1T870400	TIK NO.	TIK NO.	
	REFERENCE NO. RY6657	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
2JZGTE 6 Cyl.	Ø 86.1 -5.6	2-1.5	Ø 22 TL 66C1		TL OD FT FD	TIK NO.
	CD 34 TL 65	1-4.0	SP25C			
	TIK NO. 1T862000 1T86200L	TIK NO. R1T862000	TIK NO. P1T862000	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-46091	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0M						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
3Y 4 Cyl.	∅ 86 -4.8 CD 35 TL 70	2-1.5 1-4.0	∅ 22 TL 66		TL 144.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1T860100	TIK NO. R1T860100	TIK NO. P1T860100	TIK NO.	TIK NO. LNSN1T860600	
Surface Treatment 00	REFERENCE NO. 13101-73010 13103-73010 13104-73010 13105-73010	REFERENCE NO. 13011-71040 13011-72020 13013-71020/21 13013-71030/31		REFERENCE NO.	REFERENCE NO. 11461-73010	
2Y 4 Cyl.	∅ 86 -2.75 CD 35 TL 70	2-1.5 1-4.0	∅ 22 TL 66		TL 154.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1T860200	TIK NO. R1T860100	TIK NO. P1T860200	TIK NO.	TIK NO. LNSN1T860200	
Surface Treatment 00	REFERENCE NO. 13101-72010	REFERENCE NO. 13011-71040 13011-72020 13013-71020/21 13013-71030/31		REFERENCE NO.	REFERENCE NO. 11462-72010	
1Y 4 Cyl.	∅ 86 -2 CD 39 TL 74	2-1.5 1-4.0	∅ 22 TL 66		TL 144.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1T860300	TIK NO. R1T860100	TIK NO. P1T860300	TIK NO.	TIK NO. LNSN1T861200	
Surface Treatment 00	REFERENCE NO. 13101-71010	REFERENCE NO. 13011-71040 13011-72020 13013-71020/21 13013-71030/31		REFERENCE NO.	REFERENCE NO. 11461-71010	
6R 4 Cyl.	∅ 86 CD 39.8 TL 84.8	1-2.0 1-2.5 1-4.0	∅ 22 TL 73 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1T860400	TIK NO. R1T860400	TIK NO. P1T860400	TIK NO.	TIK NO. LNSN1T860400	
Surface Treatment 00	REFERENCE NO. 13101-33010 13101-33012 13101-33013 13101-33014	REFERENCE NO. 13011-31010 13011-33010 13011-33020 13011-33021		REFERENCE NO.	REFERENCE NO.	
3S 4 Cyl.	∅ 86 -4.5 CD 35.3 TL 68.3	2-1.5 1-4.0	∅ 20 TL 66		TL 177.8 OD 90.0 FT FD	TIK NO.
	TIK NO. 1T860500	TIK NO. R1T860500	TIK NO. P1T860500	TIK NO.	TIK NO. LNSN1T860500	
Surface Treatment 00	REFERENCE NO. 13101-74040	REFERENCE NO. 13011-74070/71 13011-74072/80 13011-74081/91 13011-74131		REFERENCE NO.	REFERENCE NO. 11461-61030	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
2C 4 Cyl.	Ø 86 -1.5	1-1.75K 1-2.0 1-3.0	Ø 27 TL 58 R27		TL 151.0 OD 89.2 FT 4.8 FD 91.0		TIK NO. LKSN1T860600 LKSN1T86060T
	CD 47 TL 77						
	TIK NO. 1T860600 1T86060T	TIK NO. R1T860600	TIK NO. P1T860600	TIK NO. B1T830800	TIK NO. LNSN1T860600		
	REFERENCE NO. 13101-64090	REFERENCE NO. 13011-64170 13013-64170		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64090		
Surface Treatment 0A							
2CB 4 Cyl.	Ø 86 -1.2	1-2.0K 1-2.0 1-4.0	Ø 27 TL 68 R27		TL 151.0 OD 89.2 FT 4.8 FD 91.0		TIK NO. LKSN1T860700 LKSN1T86070T
	CD 47 TL 77						
	TIK NO. 1T860700 1T86070T	TIK NO. R1T860700	TIK NO. P1T860700	TIK NO. B1T830200	TIK NO. LNSN1T860600		
	REFERENCE NO. 13101-64030	REFERENCE NO. 13011-64060 13011-64110 13011-64150 13013-64060		REFERENCE NO. 90999-73091 90999-73101	REFERENCE NO. 11461-64090		
Surface Treatment 0A							
1RZ 4 Cyl.	Ø 86 -4.7	1-1.75 1-1.5 1-4.0	Ø 24 TL 61 SP27		TL 170.0 OD 89.5 FT FD		TIK NO.
	CD 35.5 TL 67.5						
	TIK NO. 1T860900 1T86090T	TIK NO. R1T860900	TIK NO. P1T860900	TIK NO.	TIK NO. LNSN1T860900		
	REFERENCE NO. 13101-75010	REFERENCE NO. 13011-75010 13011-75020 13011-75080 13013-75020		REFERENCE NO.	REFERENCE NO. 11461-75010		
Surface Treatment 0G							
3YC 4 Cyl.	Ø 86 -10.6	2-1.5 1-4.0	Ø 22 TL 66		TL 144.0 OD 90.0 FT FD		TIK NO.
	CD 35 TL 70						
	TIK NO. 1T861000	TIK NO. R1T860100	TIK NO. P1T861000	TIK NO.	TIK NO. LNSN1T860600		
	REFERENCE NO. 13101-73020 13103-73020 13104-73020 13105-73020	REFERENCE NO. 13011-71040 13011-72020 13013-71020/21 13013-71030/31		REFERENCE NO.	REFERENCE NO. 11461-73010		
Surface Treatment 00							
2CD 4 Cyl.	Ø 86 -1.4	1-2.0K 1-2.0 1-3.0	Ø 27 TL 58 R27		TL 151.0 OD 89.2 FT 4.8 FD 91.0		TIK NO. LKSN1T861100 LKSN1T86110T
	CD 47 TL 77						
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	REFERENCE NO. 13101-64141 13101-64110	REFERENCE NO. 13011-64190/1 13011-64202 13011-64210 13011-64212/3		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64090		
Surface Treatment 0A							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
1DZ 4 Cyl.	Ø 86 -1.8	1-2.0K 1-2.0 1-4.0	Ø 27 TL 68 R27		TL 180.0 OD 90.0 FT 5.0 FD 93.0	TIK NO. LKSN1T861200 LKSN1T86120T
	CD 47 TL 77					
	TIK NO. 1T861200 1T86120T	TIK NO. R1T861200	TIK NO. P1T861200	TIK NO. B1T861200	TIK NO. LNSN1T861200	
	REFERENCE NO. 13101-78201	REFERENCE NO. 13011-78201		REFERENCE NO. 90999-73950	REFERENCE NO. 11461-78200	
Surface Treatment 0A						
1DZA 4 Cyl.	Ø 86 -2	1-2.2K 1-1.5K 1-4.0	Ø 27 TL 58 R27		TL OD FT FD	TIK NO.
	CD 47 TL 76.95					
	TIK NO. 1T861300	TIK NO. R1T861300	TIK NO. P1T861300	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
1DZB 4 Cyl.	Ø 86 -1.85	2-2.0 1-4.0	Ø 27 TL 58 R27		TL OD FT FD	TIK NO.
	CD 46.85 TL 76.9					
	TIK NO. 1T861400 1T86140T	TIK NO. R1T861400	TIK NO. P1T861400	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
3SFEA 4 Cyl.	Ø 86 -3.5	2-1.5 1-4.0	Ø 22 TL 66 SP25		TL 177.8 OD 90.0 FT FD	TIK NO.
	CD 35 TL 65.2					
	TIK NO. 1T861500	TIK NO. R1T860500	TIK NO. P1T861500	TIK NO.	TIK NO. LNSN1T860500	
	REFERENCE NO. 13101-74170 13103-74170	REFERENCE NO. 13011-74070/71 13011-74072/80 13011-74081/91 13011-74131		REFERENCE NO.	REFERENCE NO. 11461-61030	
Surface Treatment 0A						
2CT-NEW 4 Cyl.	Ø 86 -1.4	1-2.0K 1-2.0 1-4.0	Ø 27 TL 58 R27		TL 151.0 OD 89.2 FT 4.8 FD 91.0	TIK NO. LKSN1T860600 LKSN1T86060T
	CD 47 TL 77					
	TIK NO. 1T861600 1T86160T	TIK NO. R1T860700	TIK NO. P1T861600	TIK NO. 1T861100	TIK NO. LNSN1T860600	
	REFERENCE NO. 13101-64070 13103-64070	REFERENCE NO. 13011-64060 13011-64110 13011-64150 13013-64060		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64090	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
3SGTE 4 Cyl.	∅ 86 -5.1	1-1.2 1-1.5 1-4.0	∅ 22 TL 66 SP25C		TL		TIK NO.
	CD 35 TL 67.1				OD		
					FT		
					FD		
	TIK NO. 1T861700	TIK NO. R1T861700	TIK NO. P1T861700	TIK NO.	TIK NO.		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0A							
2JZ 4 Cyl.	∅ 86 -6.55	2-1.5 1-3.96	∅ 22 TL 66 SP25C		TL		TIK NO.
	CD 34 TL 65				OD		
					FT		
					FD		
	TIK NO. 1T861800	TIK NO. R1T861800	TIK NO. P1T861800	TIK NO.	TIK NO. LNSN1T861800		
	REFERENCE NO. 13101-46030 13101-46031	REFERENCE NO. 13011-46030 13011-46040 13011-46041 13011-46050		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0J							
1RZB 4 Cyl.	∅ 86 -7.1	1-1.75 1-1.5 1-4.0	∅ 24 TL 61 SP27C		TL		TIK NO.
	CD 35.5 TL 67.5				OD		
					FT		
					FD		
	TIK NO. 1T861900	TIK NO. R1T861900	TIK NO. P1T861900	TIK NO.	TIK NO.		
	REFERENCE NO. 13101-75030	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 0G							
2CT 4 Cyl.	∅ 86 -1.5	1-2.2DK 1-2.0 1-3.0	∅ 27 TL 61 R27		TL	151.0	TIK NO.
	CD 47 TL 77				OD	89.2	LKSN1T862100
					FT	4.8	LKSN1T86210L
					FD	91.0	LKSN1T86210T LKSN1T86210H
	TIK NO. 1T862100 1T86210L 1T86210T 1T86210H	TIK NO. R1T861100	TIK NO. P1T862100	TIK NO. B1T830800	TIK NO. LNSN1T860600		
	REFERENCE NO. 13101-64181	REFERENCE NO. 13011-64190/1 13011-64202 13011-64210 13011-64212/3		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64090		
Surface Treatment 0A							
1AZFE 1AZFE/A 4 Cyl.	∅ 86 -6	2-1.2 1-2.0	∅ 22 TL 56 SP25C		TL	144.0	TIK NO.
	CD 40.9 TL 60.8				OD	90.0	
					FT		
					FD		
	TIK NO. 1T862200	TIK NO. R1T862200	TIK NO. P1T862200	TIK NO.	TIK NO. LNSN1T860600		
	REFERENCE NO. 13101-28060 13101-28061	REFERENCE NO. 13011-28110 13011-28120 13011-28121 13011-74400		REFERENCE NO.	REFERENCE NO. 11461-73010		
Surface Treatment 0J							

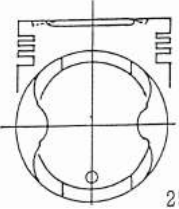
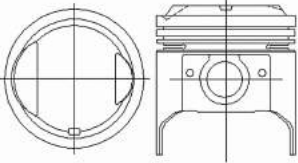
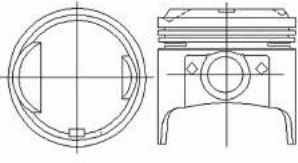
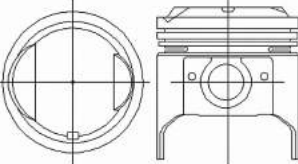
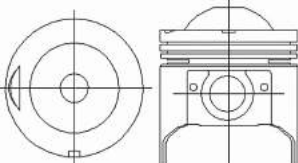


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
1DZ-2 4 Cyl.	Ø 86 -2.3	1-2.1K 1-2.0 1-3.0	Ø 27 TL 68 R27		TL 180.0 OD 90.0 FT 5.0 FD 93.0	TIK NO. LKSN1T862300 LKSN1T86230T
	CD 46.5 TL 76.5					
	TIK NO. 1T862300 1T86230T	TIK NO. R1T861100	TIK NO. P1T862300	TIK NO. B1T861200	TIK NO. LNSN1T861200	
	REFERENCE NO. 13101-78202	REFERENCE NO. 13011-64190/1 13011-64202 13011-64210 13011-64212/3		REFERENCE NO. 90999-73950	REFERENCE NO. 11461-78020 11461-78200	
	Surface Treatment 0G					
5B 4 Cyl.	Ø 86 -3	1-2.0K 1-2.5 1-3.0	Ø 27 TL 61 R27		TL OD FT FD	TIK NO.
	CD 42.5 TL 72.5					
	TIK NO. 1T86240H 1T86240T 1T86240L	TIK NO. R1T86240H	TIK NO. P1T86240H	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-64191	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
3C 4 Cyl.	Ø 86 -3	1-2.0K 1-2.0 1-3.0	Ø 27 TL 61 R27		TL 151.0 OD 89.2 FT 4.8 FD 91.0	TIK NO. LKSN1T862500 LKSN1T86250L LKSN1T86250T LKSN1T86250H
	CD 42.5 TL 72.5					
	TIK NO. 1T862500 1T86250L 1T86250T 1T86250H	TIK NO. R1T861100	TIK NO. P1T862500	TIK NO. B1T830800	TIK NO. LNSN1T860600	
	REFERENCE NO. 13101-64151 13101-64150	REFERENCE NO. 13011-64190/1 13011-64202 13011-64210 13011-64212/3		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64090	
	Surface Treatment 0A					
2CT/A 4 Cyl.	Ø 86 -1.5	1-2.2K 1-2.0 1-3.0	Ø 27 TL 61 R27		TL OD FT FD	TIK NO.
	CD 47 TL 77					
	TIK NO. 1T862600 1T86260L 1T86260T 1T86260H	TIK NO. R1T862600	TIK NO. P1T862600	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-64161	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					
3SGTE/A 4 Cyl.	Ø 86 -5.8	1-1.2 1-1.5 1-4.0	Ø 22 TL 66 R22		TL OD FT FD	TIK NO.
	CD 35.1 TL 62.1					
	TIK NO. 1T862700	TIK NO. R1T862700	TIK NO. P1T862700	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-88380-01	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
	Surface Treatment 0A					

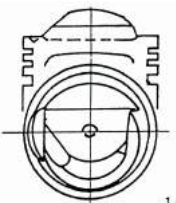

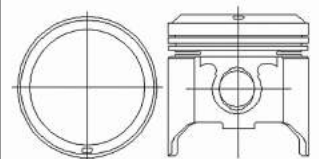
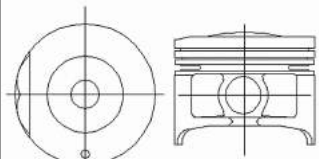
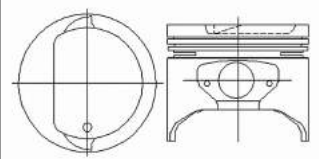


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
2.0D 4 Cyl.	Ø 86 -1.8 CD 47 TL 77	1-2.0K 1-2.0 1-3.0	Ø 27 TL 58 R27		TL OD FT FD	TIK NO.
	TIK NO. 1T862800 1T86280T	TIK NO. R1T862800	TIK NO. P1T862800	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13101-64190 13101-64230	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
1AZ 4 Cyl.	Ø 86 -4.6 CD 42 TL 62	2-1.2 1-2.0	Ø 22 TL 56 SP25C		TL 144.0 OD 90.0 FT FD	TIK NO.
	TIK NO. 1T862900	TIK NO. RR1T862200	TIK NO. P1T862900	TIK NO.	TIK NO. LNSN1T860600	
Surface Treatment 0M	REFERENCE NO. 13211-28040	REFERENCE NO. 13011-28110 13011-28120 13011-28121 13011-74400		REFERENCE NO.	REFERENCE NO. 11461-73010	
1TR 4 Cyl.	Ø 86 -6.4 CD 34.9 TL 54.9	2-1.2 1-2.0	Ø 22 TL 56B1 SP25C		TL 177.8 OD 90.0 FT FD	TIK NO.
	TIK NO. 1T863000	TIK NO. R1T863000	TIK NO. P1T863000	TIK NO.	TIK NO. LNSN1T860500	
Surface Treatment 0W	REFERENCE NO. 13101-75120	REFERENCE NO. 13011-75100 13011-75120 13013-75100		REFERENCE NO.	REFERENCE NO. 11461-61030	
3C-NEW 4 Cyl.	Ø 86 -2.8 CD 42.4 TL 72.4	1-2.0K 1-2.0 1-3.0	Ø 27 TL 61 R27		TL OD FT FD	TIK NO.
	TIK NO. 1T863100 1T86310L 1T86310T 1T86310H	TIK NO. R1T863100	TIK NO. P1T863100	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13101-64200	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
3C/A 4 Cyl.	Ø 86 -1.3 CD 42.5 TL 72.5	1-2.0K 1-2.0 1-3.0	Ø 27 TL 66B1 R27		TL OD FT FD	TIK NO.
	TIK NO. 1T863200 1T86320L 1T86320T 1T86320H	TIK NO. R1T863200	TIK NO. P1T863200	TIK NO.	TIK NO.	
Surface Treatment 0A	REFERENCE NO. 13101-64240	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	

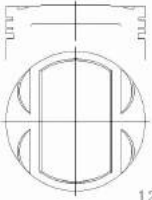
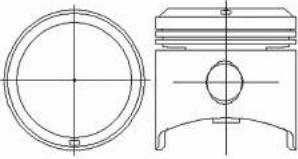
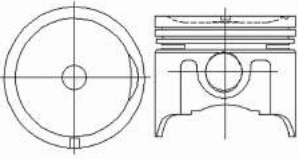
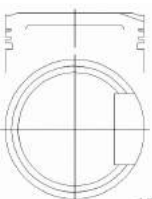
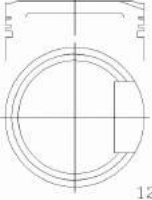


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
3S-FE 4 Cyl.	Ø 86 -3.6	2-1.5	Ø 22 TL 60		TL 177.8 OD 90.0 FT FD	TIK NO.
	CD 35 TL 59	1-4.0				
	TIK NO. 1T863300	TIK NO. R1T863300	TIK NO. P1T863300	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-74191	REFERENCE NO.		REFERENCE NO.	REFERENCE NO. 11461-61030	
 259 Surface Treatment 0A						
2T 4 Cyl.	Ø 85 +6.1	2-2.0	Ø 22 TL 66		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 39 TL 91.1	1-4.0				
	TIK NO. 1T850100	TIK NO. R1T850100	TIK NO. P1T850100	TIK NO.	TIK NO. LNSN1T850100	
	REFERENCE NO. 13101-26010 13101-26011	REFERENCE NO. 13011-26020/30 13011-26040/41 13011-27020 13012-26010/30		REFERENCE NO.	REFERENCE NO. 11461-25010 11461-28010	
 Surface Treatment 00						
3T 4 Cyl.	Ø 85 +5.4	2-1.5	Ø 22 TL 66		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 35.2 TL 82.5	1-4.0				
	TIK NO. 1T850200	TIK NO. R1T850200	TIK NO. P1T850200	TIK NO.	TIK NO. LNSN1T850100	
	REFERENCE NO. 13101-28010 13101-28011 13101-28020	REFERENCE NO. 13011-28010/11 13011-28012/20 13011-28030/31 13011-28070/71		REFERENCE NO.	REFERENCE NO. 11461-25010 11461-28010	
 Surface Treatment 00						
2TU 4 Cyl.	Ø 85 +6.8	2-1.5	Ø 22 TL 66		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 39 TL 91.8	1-4.0				
	TIK NO. 1T850300	TIK NO. R1T850200	TIK NO. P1T850300	TIK NO.	TIK NO. LNSN1T850100	
	REFERENCE NO. 13101-26031	REFERENCE NO. 13011-28010/11 13011-28012/20 13011-28030/31 13011-28070/71		REFERENCE NO.	REFERENCE NO. 11461-25010 11461-28010	
 Surface Treatment 00						
2TC 4 Cyl.	Ø 85 +14.4	2-2.0	Ø 22 TL 66		TL 150.0 OD 89.0 FT FD	TIK NO.
	CD 39 TL 99	1-4.0				
	TIK NO. 1T850400	TIK NO. R1T850100	TIK NO. P1T850400	TIK NO.	TIK NO. LNSN1T850100	
	REFERENCE NO. 13101-26020 13101-26021	REFERENCE NO. 13011-26020/30 13011-26040/41 13011-27020 13012-26010/30		REFERENCE NO.	REFERENCE NO. 11461-25010 11461-28010	
 Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
13T 4 Cyl.	∅ 85 +12 CD 35 TL 89	2-1.5 1-4.0	∅ 22 TL 66		TL OD FT FD	TIK NO.
 163	TIK NO. 1T850500	TIK NO. R1T850500	TIK NO. P1T850500	TIK NO.	TIK NO.	
Surface Treatment	REFERENCE NO. 13101-18020	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
COROLLA 4 Cyl.	∅ 84.8 -3.8 CD 32.2 TL 58.4	2-1.5 1-3.0	∅ 21 TL 60		TL OD FT FD	TIK NO.
 10	TIK NO. 1T848100	TIK NO. R1T848100	TIK NO. P1T848100	TIK NO.	TIK NO.	
Surface Treatment	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
21R 4 Cyl.	∅ 84 +5 CD 39 TL 84	1-1.5 1-2.0 1-1.4	∅ 22 TL 72 SP25		TL 150.0 OD 88.0 FT FD	TIK NO.
	TIK NO. 1T8401A0	TIK NO. R1T8401A0	TIK NO. P1T8401A0	TIK NO.	TIK NO. LNSN1T8401A0	
Surface Treatment	REFERENCE NO. 13101-37050	REFERENCE NO. 13011-37030 13011-37050 13011-37060 13013-37050		REFERENCE NO.	REFERENCE NO.	
21RE 4 Cyl.	∅ 84 +2.5 CD 35 TL 63	2-1.5 1-4.0	∅ 22 TL 66 SP25		TL 150.0 OD 88.0 FT FD	TIK NO.
	TIK NO. 1T8401C0	TIK NO. R1T8401C0	TIK NO. P1T8401C0	TIK NO.	TIK NO. LNSN1T8401A0	
Surface Treatment	REFERENCE NO. 13101-37060	REFERENCE NO. 13011-37070 13011-37071 13013-37070 13015-37070		REFERENCE NO.	REFERENCE NO.	
2S 4 Cyl.	∅ 84 -5.5 CD 34 TL 70.4	2-1.5 1-4.0	∅ 20 TL 66		TL OD FT FD	TIK NO.
	TIK NO. 1T840200	TIK NO. R1T840200	TIK NO. P1T840200	TIK NO.	TIK NO. LNSN1T840200	
Surface Treatment	REFERENCE NO. 13101-74010 13101-74011	REFERENCE NO. 13011-74010 13011-74020 13011-74030 13011-74040/41		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
21RA 4 Cyl.	∅ 84 +7.8 CD 39.3 TL 85.8	1-1.5 1-2.0 1-4.0	∅ 22 TL 72 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1T840300	TIK NO. R1T8401A0	TIK NO. P1T840300	TIK NO.	TIK NO. LNSN1T840200	
Surface Treatment 00	REFERENCE NO. 13101-37020	REFERENCE NO. 13011-37030 13011-37050 13011-37060 13013-37050		REFERENCE NO.	REFERENCE NO.	
21RC 4 Cyl.	∅ 84 +5 CD 39.1 TL 84	1-1.5 1-2.0 1-4.0	∅ 22 TL 72 SP25		TL OD FT FD 150.0 88.0	TIK NO.
	TIK NO. 1T840400	TIK NO. R1T8401A0	TIK NO. P1T840400	TIK NO.	TIK NO. LNSN1T8401A0	
Surface Treatment 00	REFERENCE NO. 13101-37030 13101-37050	REFERENCE NO. 13011-37030 13011-37050 13011-37060 13013-37050		REFERENCE NO.	REFERENCE NO.	
5M 6 Cyl.	∅ 83 -3.9 CD 33 TL 71	2-2.0 1-4.0	∅ 22 TL 66 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1T8301A0	TIK NO. R1T8301A0	TIK NO. P1T8301A0	TIK NO.	TIK NO. LNSN1T8301A0	
Surface Treatment 00	REFERENCE NO. 13101-43030 13101-43031	REFERENCE NO. 13011-43010 13011-43030 13011-43031 13013-43030		REFERENCE NO.	REFERENCE NO.	
5MB 6 Cyl.	∅ 83 -2.5 CD 33 TL 71	2-2.0 1-4.0	∅ 22 TL 66 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1T8301B0	TIK NO. R1T8301A0	TIK NO. P1T8301B0	TIK NO.	TIK NO. LNSN1T8301A0	
Surface Treatment 00	REFERENCE NO. 13101-43010	REFERENCE NO. 13011-43010 13011-43030 13011-43031 13013-43030		REFERENCE NO.	REFERENCE NO.	
5MC 6 Cyl.	∅ 83 -1.5 CD 33 TL 71	2-2.0 1-4.0	∅ 22 TL 66 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1T8301C0	TIK NO. R1T8301C0	TIK NO. P1T8301C0	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-43020	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON		PISTON RING		PISTON PIN		PIN BUSHING		LINER		LINER KIT SET
1C 4 Cyl.	Ø	83	1-2.0K	Ø	27		TL	152.0	LKSN1T830200 LKSN1T83020T		
		-1.2	1-2.0	TL	68		OD	86.0			
	CD	47	1-4.0		R27		FT	5.0			
	TL	77					FD	88.0			
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
1T830200 1T83020T		R1T830200		P1T830200				LNSN1T830200			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
13101-64010 13101-64020		13011-64010 13011-64020 13011-64040 13011-64070				90999-73091 90999-73101		11461-64011			
Surface Treatment											
0A											
5MA 6 Cyl.	Ø	83	2-1.5	Ø	22		TL		TJK NO.		
		-9	1-4.0	TL	66		OD				
	CD	33			SP25		FT				
	TL	73					FD				
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
1T830300		R1T830300		P1T830300							
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
13101-43040											
Surface Treatment											
00											
7M 6 Cyl.	Ø	83	2-1.5	Ø	22		TL		TJK NO.		
		-3.3	1-4.0	TL	66		OD				
	CD	33			SP25		FT				
	TL	71					FD				
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
1T830400		R1T830400		P1T830400				LNSN1T830400			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
13101-42070 13101-42068 13101-42060 13103-42070		13011-42010/11 13011-42020/30 13011-42040/60 13011-42040/60									
Surface Treatment											
00											
7M-GTEU 6 Cyl.	Ø	83	2-1.5	Ø	22		TL		TJK NO.		
		-5.8	1-4.0	TL	66		OD				
	CD	33			SP25		FT				
	TL	71					FD				
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
1T830500		R1T830400		P1T830500				LNSN1T830400			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
13101-42080 13101-42050		13011-42010/11 13011-42020/30 13011-42040/60 13011-43050/80									
Surface Treatment											
00											
1CT 4 Cyl.	Ø	83	1-2.0K	Ø	27		TL	152.0	LKSN1T830600		
		-1	1-2.0	TL	58		OD	86.0			
	CD	47	1-4.0		R27		FT	5.0			
	TL	77					FD	88.0			
	TIK NO.		TIK NO.		TIK NO.		TIK NO.		TIK NO.		
1T830600 1T83060T		R1T830200		P1T830600				LNSN1T830200			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
13101-64040		13011-64010 13011-64020 13011-64040 13011-64070				90999-73091 90999-73101		11461-64010 11461-64011			
Surface Treatment											
0A											



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
1C NEW 4 Cyl.	Ø 83 -1	1-2.0K 1-2.0 1-4.0	Ø 27 TL 58 R27		TL OD FT FD	TIK NO.
	CD 47 TL 77					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T830700 1T83070T	R1T830700	P1T830700			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
1CA-NEW 4 Cyl.	Ø 83 -1.4	1-2.0K 1-2.0 1-3.0	Ø 27 TL 58 R27		TL 152.0 OD 86.0 FT 5.0 FD 88.0	TIK NO. LKSN1T830800
	CD 47 TL 77					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T830800 1T83080T	R1T830800	P1T830800	B1T830800	LNSN1T830200	
	REFERENCE NO. 13101-64050	REFERENCE NO. 13011-64130 13011-64220 13013-64130		REFERENCE NO. 90999-73102 90999-73138	REFERENCE NO. 11461-64011	
Surface Treatment 0A						
1CB-NEW 4 Cyl.	Ø 83 -1	1-2.0K 1-2.0 1-3.0	Ø 27 TL 58 R27		TL OD FT FD	TIK NO.
	CD 47 TL 77					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T830900 1T83090T	R1T830900	P1T830900			
	REFERENCE NO. 13101-64140	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
1CB 4 Cyl.	Ø 83 -1.2	1-2.0K 1-2.0 1-3.0	Ø 27 TL 58 R27		TL 152.0 OD 86.0 FT 5.0 FD 88.0	TIK NO. LKSN1T831000
	CD 47 TL 77					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T831000 1T83100T	R1T830800	P1T831000	B1T830800	LNSN1T830200	
	REFERENCE NO. 13101-64130	REFERENCE NO. 13011-64130 13011-64220 13013-64130		REFERENCE NO. 90999-73102 90999-73138	REFERENCE NO. 11461-64011	
Surface Treatment 0A						
2CF 4 Cyl.	Ø 83 -1.2	1-2.0K 1-2.0 1-3.0	Ø 27 TL 58 R27		TL OD FT FD	TIK NO.
	CD 47 TL 76.7					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T831200 1T83120T	R1T831200	P1T831200			
	REFERENCE NO. 13101-64170 13101-83011	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4S 4 Cyl.	Ø 82.5 -3.2	2-1.5	Ø 20 TL 66		TL OD FT FD	TIK NO.
	CD 35.2 TL 70.1	1-4.0				
	TIK NO. 1T825100	TIK NO. R1T825100	TIK NO. P1T825100	TIK NO.	TIK NO. LNSN1T825100	
	REFERENCE NO. 13101-74071	REFERENCE NO. 13011-74110 13011-74120 13011-74121 13013-74110		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4S/A 4 Cyl.	Ø 82.5 -2.7	2-1.5	Ø 22 TL 66 SP25C		TL OD FT FD	TIK NO.
	CD 35 TL 67.8	1-4.0				
	TIK NO. 1T825200	TIK NO. R1T825100	TIK NO. P1T825200	TIK NO.	TIK NO. LNSN1T825100	
	REFERENCE NO. 13101-74160	REFERENCE NO. 13011-74110 13011-74120 13011-74121 13013-74110		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0F						
4A 4 Cyl.	Ø 81 -3	2-1.5	Ø 18 TL 61		TL 150.0 OD 85.0 FT FD	TIK NO.
	CD 30.5 TL 60.5	1-2.8				
	TIK NO. 1T810100	TIK NO. R1T810100	TIK NO. P1T810100	TIK NO.	TIK NO. LNSN1T810100	
	REFERENCE NO. 13101-16010	REFERENCE NO. 13011-16010/11 13011-16030/31 13011-16032/50 13011-16070/80		REFERENCE NO.	REFERENCE NO. 11461-16010	
Surface Treatment 00						
4AG 4 Cyl.	Ø 81 -5	2-1.5	Ø 18 TL 61		TL 150.0 OD 85.0 FT FD	TIK NO.
	CD 30 TL 64.8	1-2.8				
	TIK NO. 1T810200	TIK NO. R1T810100	TIK NO. P1T810200	TIK NO.	TIK NO. LNSN1T810100	
	REFERENCE NO. 13101-16020	REFERENCE NO. 13011-16010/11 13011-16030/31 13011-16032/50 13011-16070/80		REFERENCE NO.	REFERENCE NO. 11461-16010	
Surface Treatment 00						
4AF 4 Cyl.	Ø 81 -3.1	2-1.5	Ø 18 TL 61		TL 150.0 OD 85.0 FT FD	TIK NO.
	CD 30.5 TL 61.1	1-3.0				
	TIK NO. 1T810300	TIK NO. R1T810300	TIK NO. P1T810300	TIK NO.	TIK NO. LNSN1T810100	
	REFERENCE NO. 13101-16090 13101-16110	REFERENCE NO. 13011-16070 13011-16120 13011-16130 13011-16140		REFERENCE NO.	REFERENCE NO. 11461-16010	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
4AFE 4 Cyl.	Ø 81 -2.25	1-1.2 1-1.5 1-3.0	Ø 20 TL 61		TL OD FT FD		TIK NO.
	CD 30.5 TL 55.5						
	TIK NO. 1T810400	TIK NO. R1T810400	TIK NO. P1T810400	TIK NO.	TIK NO.		
	REFERENCE NO. 13101-16120	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
Surface Treatment 00							
4AF/R 4 Cyl.	Ø 81 -3.1	2-1.5 1-2.8	Ø 18 TL 61		TL OD FT FD	150.0 85.0	TIK NO.
	CD 30.5 TL 61						
	TIK NO. 1T810500	TIK NO. R1T810300	TIK NO. P1T810500	TIK NO.	TIK NO.	TIK NO. LNSN1T810100	
	REFERENCE NO. 13101-16090	REFERENCE NO. 13011-16070 13011-16120 13011-16130 13011-16140		REFERENCE NO.	REFERENCE NO. 11461-16010		
Surface Treatment 00							
4AL 4 Cyl.	Ø 81 -2.8	2-1.5 1-3.0	Ø 18 TL 61 SP20.5		TL OD FT FD	150.0 85.0	TIK NO.
	CD 30.5 TL 60.5						
	TIK NO. 1T810600	TIK NO. R1T810300	TIK NO. P1T810600	TIK NO.	TIK NO.	TIK NO. LNSN1T810100	
	REFERENCE NO. 13101-16050	REFERENCE NO. 13011-16070 13011-16120 13011-16130 13011-16140		REFERENCE NO.	REFERENCE NO. 11461-16010		
Surface Treatment 00							
4AFEA 4 Cyl.	Ø 81 -2.6	1-1.2 1-1.5 1-3.0	Ø 20 TL 56		TL OD FT FD	150.0 85.0	TIK NO.
	CD 30.5 TL 55.5						
	TIK NO. 1T810700	TIK NO. R1T810700	TIK NO. P1T810700	TIK NO.	TIK NO.	TIK NO. LNSN1T810100	
	REFERENCE NO. 13101-16160 13101-16171 13103-16171	REFERENCE NO. 13011-16230 13011-16280 13011-16290 13011-16300		REFERENCE NO.	REFERENCE NO. 11461-16010		
Surface Treatment 0A							
7AFE 4 Cyl.	Ø 81 -3.6	1-1.2 1-1.5 1-3.0	Ø 20 TL 56		TL OD FT FD	150.0 85.0	TIK NO.
	CD 30.5 TL 55.8						
	TIK NO. 1T810800	TIK NO. R1T810700	TIK NO. P1T810800	TIK NO.	TIK NO.	TIK NO. LNSN1T810100	
	REFERENCE NO. 13101-16150	REFERENCE NO. 13011-16230 13011-16280 13011-16290 13011-16300		REFERENCE NO.	REFERENCE NO. 11461-16010		
Surface Treatment 0A							

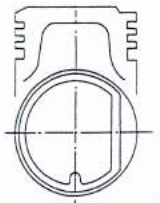
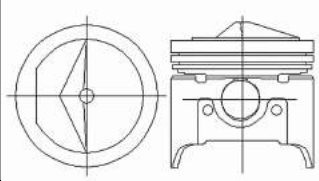
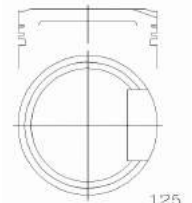
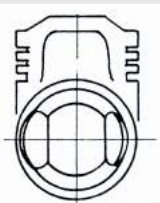
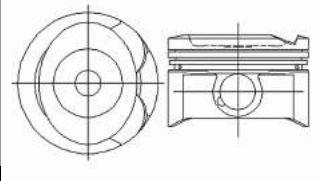


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4AG/A 4 Cyl.	∅ 81 -2 CD 30.5 TL 50.2	1-1.2 1-1.5 1-3.0	∅ 20 TL 56.5 SP23C		TL 150.0 OD 85.0 FT FD	TIK NO.
	TIK NO. 1T810900	TIK NO. R1T810700	TIK NO. P1T810900	TIK NO.	TIK NO. LNSN1T810100	
Surface Treatment 0A	REFERENCE NO. 13101-16220-01 13101-16220	REFERENCE NO. 13011-16230 13011-16280 13011-16290 13011-16300		REFERENCE NO.	REFERENCE NO. 11461-16010	
12R 4 Cyl.	∅ 80.5 CD 39 TL 80	2-2.0 1-4.0	∅ 20 TL 66 SP23		TL 144.0 OD 84.5 FT FD	TIK NO.
	TIK NO. 1T805100	TIK NO. R1T805100	TIK NO. P1T805100	TIK NO.	TIK NO. LNSN1T805100	
Surface Treatment 00	REFERENCE NO. 13101-31020 13101-31021 13101-31022	REFERENCE NO. 13011-31050/51 13011-31060/61 13011-31070/81 13011-31090/91		REFERENCE NO.	REFERENCE NO. 11461-31020 11462-31020	
5K 4 Cyl.	∅ 80.5 -8.5 CD 36 TL 69	2-1.5 1-4.0	∅ 18 TL 61 SP20.5		TL 146.0 OD 84.5 FT FD	TIK NO.
	TIK NO. 1T805200	TIK NO. R1T805200	TIK NO. P1T805200	TIK NO.	TIK NO. LNSN1T805200	
Surface Treatment 00	REFERENCE NO. 13101-13030	REFERENCE NO. 13011-13040/50 13011-13080/90 13011-13100/10 13011-13120		REFERENCE NO.	REFERENCE NO. 11461-13040	
1S 4 Cyl.	∅ 80.5 -2.3 CD 33 TL 68	2-1.5 1-4.0	∅ 20 TL 66		TL 170.0 OD 84.5 FT FD	TIK NO.
	TIK NO. 1T805300	TIK NO. R1T805200	TIK NO. P1T805300	TIK NO.	TIK NO. LNSN1T805300	
Surface Treatment 00	REFERENCE NO. 13101-63010 13101-63011 13101-63020	REFERENCE NO. 13011-13040/50 13011-13080/90 13011-13100/10 13011-13120		REFERENCE NO.	REFERENCE NO.	
5KB 4 Cyl.	∅ 80.5 -3 CD 36 TL 69	2-1.5 1-4.0	∅ 18 TL 61 SP20.5		TL 146.0 OD 84.5 FT FD	TIK NO.
	TIK NO. 1T805400	TIK NO. R1T805200	TIK NO. P1T805400	TIK NO.	TIK NO. LNSN1T805200	
Surface Treatment 00	REFERENCE NO. 13101-13040	REFERENCE NO. 13011-13040/50 13011-13080/90 13011-13100/10 13011-13120		REFERENCE NO.	REFERENCE NO. 11461-13040	

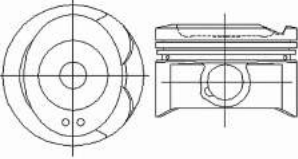
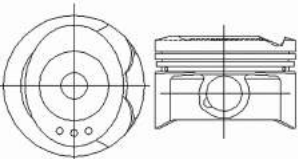
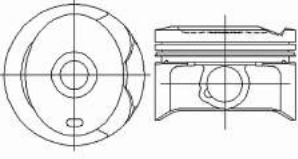
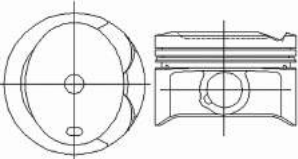
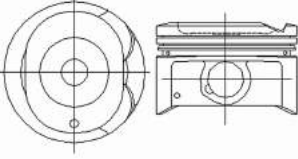


ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
7K 4 Cyl.	Ø 80.5 -10.5	2-1.5	Ø 20 TL 56		TL 165.0 OD 84.5 FT FD	TIK NO.
	CD 33.8 TL 58.6	1-4.0				
	TIK NO. 1T805500	TIK NO. R1T805200	TIK NO. P1T805500	TIK NO.	TIK NO. LNSN1T805500	
	REFERENCE NO. 13101-06040	REFERENCE NO. 13011-13040/50 13011-13080/90 13011-13100/10 13011-13120		REFERENCE NO.	REFERENCE NO. 11461-13060	
Surface Treatment 00						
12RN 4 Cyl.	Ø 80.5	2-2.0	Ø 17.445 TL 65 R18		TL OD FT FD	TIK NO.
	CD 36.6 TL 65.3	1-4.0				
	TIK NO. 1T805600	TIK NO. R1T805600	TIK NO. P1T805600	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
7KA 4 Cyl.	Ø 80.5 -7.1	2-1.5	Ø 20 TL 56		TL OD FT FD	TIK NO.
	CD 33.8 TL 58.6	1-4.0				
	TIK NO. 1T805700	TIK NO. R1T805700	TIK NO. P1T805700	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-06050 13101-13070	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0A						
7KB 4 Cyl.	Ø 80.5 -10.2	2-1.5	Ø 20 TL 58		TL 165.0 OD 84.5 FT FD	TIK NO.
	CD 33.7 TL 58.8	1-4.0				
	TIK NO. 1T805800	TIK NO. R1T805200	TIK NO. P1T805800	TIK NO.	TIK NO. LNSN1T805500	
	REFERENCE NO. 13101-06030	REFERENCE NO. 13011-13040/50 13011-13080/90 13011-13100/10 13011-13120		REFERENCE NO.	REFERENCE NO. 11461-13060	
Surface Treatment 00						
2ZR-FE 4 Cyl.	Ø 80.5 -6.2	2-1.0	Ø 20 TL 50 SP23C		TL OD FT FD	TIK NO.
	CD 31 TL 50.2	1-1.5				
	TIK NO. 1T805900	TIK NO. R1T805900	TIK NO. P1T805900	TIK NO.	TIK NO. LNSN1T805900	
	REFERENCE NO. 13101-37071	REFERENCE NO. 13011-37090		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0M						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4MA 6 Cyl.	Ø 80 +3 CD 33 TL 81.5	2-2.0 1-4.0	Ø 22 TL 63 SP25		TL OD FT FD	TIK NO.
 83	TIK NO. 1T8001A0	TIK NO. R1T8001A0	TIK NO. P1T8001A0	TIK NO.	TIK NO. LNSN1T8001A0	
Surface Treatment 00	REFERENCE NO. 13101-45010	REFERENCE NO. 13011-45021 13011-45040 13011-46030 13013-45021		REFERENCE NO.	REFERENCE NO.	
4M 6 Cyl.	Ø 80 +10 CD 33 TL 80.5	2-2.0 1-4.0	Ø 22 TL 63 SP25		TL OD FT FD	TIK NO.
	TIK NO. 1T8001B0	TIK NO. R1T8001A0	TIK NO. P1T8001B0	TIK NO.	TIK NO. LNSN1T8001A0	
Surface Treatment 00	REFERENCE NO. 13101-45011	REFERENCE NO. 13011-45021 13011-45040 13011-46030 13013-45021		REFERENCE NO.	REFERENCE NO.	
4MC 6 Cyl.	Ø 80 -2 CD 33 TL 70.5	2-2.0 1-4.0	Ø 22 TL 63 SP25		TL OD FT FD	TIK NO.
 125	TIK NO. 1T8001C0	TIK NO. R1T8001A0	TIK NO. P1T8001C0	TIK NO.	TIK NO. LNSN1T8001A0	
Surface Treatment 00	REFERENCE NO. 13101-45021 13101-45020	REFERENCE NO. 13011-45021 13011-45040 13011-46030 13013-45021		REFERENCE NO.	REFERENCE NO.	
1T 4 Cyl.	Ø 80 +7.2 CD 39.3 TL 87.7	2-2.0 1-4.0	Ø 22 TL 63		TL OD FT FD	TIK NO.
 109	TIK NO. 1T800200	TIK NO. R1T800200	TIK NO. P1T800200	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO. 13101-25011 13101-25010	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
1ZZFE 4 Cyl.	Ø 79 -6.7 CD 32.1 TL 51.6	2-1.2 1-3.0	Ø 20.01 TL 50 SP23C		TL 220.0 OD 83.0 FT FD	TIK NO.
	TIK NO. 1T790100	TIK NO. R1T790100	TIK NO. P1T790100	TIK NO.	TIK NO. LNSN1T790100	
Surface Treatment 0A	REFERENCE NO. 13101-22020 13101-22140	REFERENCE NO. 13011-0D010 13011-22030 13011-22040 13011-22090		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
1ZZFE/A 4 Cyl.	Ø 79 -6.4 CD 32.1 TL 51.7	2-1.2 1-3.0	Ø 20.01 TL 50 SP23C		TL 220.0 OD 83.0 FT FD	TIK NO.
	TIK NO. 1T790200	TIK NO. R1T790100	TIK NO. P1T790200	TIK NO.	TIK NO. LNSN1T790100	
Surface Treatment 0G	REFERENCE NO. 13101-22030	REFERENCE NO. 13011-0D010 13011-22030 13011-22040 13011-22090		REFERENCE NO.	REFERENCE NO.	
1ZZFE/B 4 Cyl.	Ø 79 -5 CD 32.2 TL 51.7	2-1.2 1-3.0	Ø 20.01 TL 50 SP23C		TL OD FT FD	TIK NO.
	TIK NO. 1T790300	TIK NO. R1T790100	TIK NO. P1T790300	TIK NO.	TIK NO. LNSN1T790300	
Surface Treatment 0A	REFERENCE NO. 13101-22050 13101-22051 13101-22071	REFERENCE NO. 13011-0D010 13011-22030 13011-22040 13011-22090		REFERENCE NO.	REFERENCE NO.	
1ZZE121 3ZZ 4 Cyl.	Ø 79 -3.6 CD 32.2 TL 52.2	2-1.2 1-3.0	Ø 20 TL 50 SP23C		TL 193.5 OD 83.0 FT FD	TIK NO.
	TIK NO. 1T790400 1T79040T	TIK NO. R1T790100	TIK NO. P1T790400	TIK NO.	TIK NO. LNSN1T790400	
Surface Treatment 0G	REFERENCE NO. 13101-0D071	REFERENCE NO. 13011-0D010 13011-22030 13011-22040 13011-22090		REFERENCE NO.	REFERENCE NO.	
ALTIS 4 Cyl.	Ø 79 -5 CD 32.3 TL 52.3	2-1.2 1-3.0	Ø 20 TL 50 SP23		TL OD FT FD	TIK NO.
	TIK NO. 1T790500	TIK NO. R1T790500	TIK NO. P1T790500	TIK NO.	TIK NO.	
Surface Treatment 00	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
1ZZFE/C 4 Cyl.	Ø 79 -7.7 CD 32.2 TL 51.9	2-1.2 1-3.0	Ø 20.01 TL 50 SP23C		TL OD FT FD	TIK NO.
	TIK NO. 1T790600	TIK NO. R1T790600	TIK NO. P1T790600	TIK NO.	TIK NO.	
Surface Treatment 0Y	REFERENCE NO. 13101-22080	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
5AF 4 Cyl.	Ø 78.7 -2.6	2-1.5	Ø 18 TL 61		TL 140.0 OD 82.7 FT FD	TIK NO.
	CD 30.6 TL 59.7	1-3.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T787100	R1T787100	P1T787100		LNSN1T787100	
	REFERENCE NO. 13101-15040	REFERENCE NO. 13011-15050		REFERENCE NO.	REFERENCE NO. 11461-15040	
Surface Treatment 00						
5AF/A 4 Cyl.	Ø 78.7 -2.6	2-1.5	Ø 18 TL 61		TL OD FT FD	TIK NO.
	CD 30.5 TL 59.5	1-3.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T787200	R1T787200	P1T787200			
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						
8AFE 4 Cyl.	Ø 78.7 -3.8	1-1.2 1-1.5 1-3.0	Ø 20 TL 59		TL OD FT FD	TIK NO.
	CD 34.3 TL 62.4					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T787300	R1T787300	P1T787300		LNSN1T787300	
	REFERENCE NO. 13101-14050	REFERENCE NO. 13011-15130		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
5A 4 Cyl.	Ø 78.7 -2.4	2-1.5	Ø 20.01 TL 56		TL 140.0 OD 82.7 FT FD	TIK NO.
	CD 30.5 TL 55.5	1-3.0				
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T787400	R1T787400	P1T787400		LNSN1T787100	
	REFERENCE NO. 13101-15050	REFERENCE NO. 13011-15050		REFERENCE NO.	REFERENCE NO. 11461-15040	
Surface Treatment 0F						
5AFE 4 Cyl.	Ø 78.7 -1.5	1-1.2 1-1.5 1-3.0	Ø 20.01 TL 56		TL 140.0 OD 82.7 FT FD	TIK NO.
	CD 30.5 TL 55.5					
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.	
	1T787500	R1T787500	P1T787500		LNSN1T787100	
	REFERENCE NO.	REFERENCE NO. 13011-15100 13011-15120		REFERENCE NO.	REFERENCE NO. 11461-15040	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER		LINER KIT SET
2R 4 Cyl.	Ø 78	1-2.0	Ø 20		TL	144.0	TIK NO.
		1-2.5	TL 66		OD	82.0	
	CD 39	1-4.0	SP23		FT		
	TL 78				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T780100	R1T780100	P1T780100		LNSN1T780100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-31010 13101-31011	13011-31010 13011-31030 13011-31040			11462-31010		
Surface Treatment							
00							
1A 4 Cyl.	Ø 77.5	2-1.5	Ø 18		TL	140.0	TIK NO.
		1-2.8	TL 61		OD	81.5	
	CD 31				FT		
	TL 61				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T775100	R1T775100	P1T775100		LNSN1T775100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-15010	13011-15010/11 13011-15020/21 13011-15030/31 13013-15010/30			11461-15010		
Surface Treatment							
00							
3A 4 Cyl.	Ø 77.5	2-1.5	Ø 18		TL	140.0	TIK NO.
		1-2.8	TL 61		OD	81.5	
	CD 31				FT		
	TL 61				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T775200	R1T775100	P1T775200		LNSN1T775100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-15020	13011-15010/11 13011-15020/21 13011-15030/31 13013-15010/30			11461-15010		
Surface Treatment							
00							
4P 4 Cyl.	Ø 76.6	2-2.0	Ø 20		TL	163.0	TIK NO.
		1-4.0	TL 65		OD	81.0	
	CD 33		SP23		FT		
	TL 71				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T766100	R1T766100	P1T766100		LNSN1T766100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-96001 13101-78001	13011-23010 13011-23030					
Surface Treatment							
00							
2A 4 Cyl.	Ø 76	2-2.0	Ø 18		TL		TIK NO.
		1-4.0	TL 61		OD		
	CD 33.8				FT		
	TL 64.8				FD		
	TIK NO.	TIK NO.	TIK NO.	TIK NO.	TIK NO.		
	1T760100	R1T760100	P1T760100		LNSN1T760100		
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	13101-14020	13011-14010 13011-14011 13011-14020 13011-14021					
Surface Treatment							
00							



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
2AE 4 Cyl.	Ø 76 -2.5	2-2.0	Ø 28 TL 61		TL OD FT FD	TIK NO.
	CD 33.8 TL 64.8	1-4.0	SP25			
	TIK NO. 1T760200	TIK NO. R1T760200	TIK NO. P1T760200	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
3K 4 Cyl.	Ø 75	2-2.0	Ø 18 TL 61		TL 122.0 OD 79.0 FT FD	TIK NO.
	CD 36 TL 75	1-4.0	SP20.5			
	TIK NO. 1T750100	TIK NO. R1T750100	TIK NO. P1T750100	TIK NO.	TIK NO. LNSN1T750100	
	REFERENCE NO. 13101-24011 13101-24010	REFERENCE NO. 13011-22011/12 13013-22012 13014-22012 13015-22012		REFERENCE NO.	REFERENCE NO. 11461-24010	
Surface Treatment 00						
4K 4 Cyl.	Ø 75 -7.7	2-1.5	Ø 18 TL 61		TL 140.0 OD 79.0 FT FD	TIK NO.
	CD 36 TL 69	1-4.0	SP20.5			
	TIK NO. 1T750300	TIK NO. R1T750300	TIK NO. P1T750300	TIK NO.	TIK NO. LNSN1T750300	
	REFERENCE NO. 13101-13020 13101-13021 13101-13022	REFERENCE NO. 13011-13010 13011-13060 13013-13010 13014-13010		REFERENCE NO.	REFERENCE NO. 11461-13010	
Surface Treatment 00						
1G/G 6 Cyl.	Ø 75 +5	2-1.5	Ø 18 TL 61		TL 140.0 OD 79.0 FT FD	TIK NO.
	CD 32.5 TL 67.5	1-4.0	SP20.5			
	TIK NO. 1T750400	TIK NO. R1T750400	TIK NO. P1T750400	TIK NO.	TIK NO. LNSN1T750400	
	REFERENCE NO. 13101-70020 13103-70020 13104-70020 13105-70020	REFERENCE NO. 13011-70010 13011-70030 13011-70080 13013-70030		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
2M 6 Cyl.	Ø 75 +7.6	2-2.0	Ø 22 TL 63		TL OD FT FD	TIK NO.
	CD 32.5 TL 70.5	1-4.0	SP25			
	TIK NO. 1T750500	TIK NO. R1T750500	TIK NO. P1T750500	TIK NO.	TIK NO. LNSN1T750500	
	REFERENCE NO. 13101-42010	REFERENCE NO. 13011-41011 13011-41015 13011-41040		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
4KE 4 Cyl.	Ø 75 -7.5	2-2.0	Ø 18 TL 61		TL OD FT FD	TIK NO.
	CD 36 TL 68.9	1-4.0	SP20.5			
	TIK NO. 1T750600	TIK NO. R1T750600	TIK NO. P1T750600	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
XLI 4 Cyl.	Ø 75 -6.2	2-1.2	Ø 18 TL 53		TL 140.0 OD 79.0 FT FD	TIK NO.
	CD 30 TL 47.5	1-3.0				
	TIK NO. 1T750700	TIK NO. R1T750700	TIK NO. P1T750700	TIK NO.	TIK NO. LNSN1T750300	
	REFERENCE NO. 13101-21050	REFERENCE NO. 13011-21060		REFERENCE NO.	REFERENCE NO. 11461-13010	
Surface Treatment 0A						
XLI/A 4 Cyl.	Ø 75 -3.3	2-1.2	Ø 18 TL 53		TL 140.0 OD 79.0 FT FD	TIK NO.
	CD 30.7 TL 49.5	1-2.0				
	TIK NO. 1T750800	TIK NO. R1T750800	TIK NO. P1T750800	TIK NO.	TIK NO. LNSN1T750300	
	REFERENCE NO. 13101-21080 13101-21070	REFERENCE NO. 13011-21030 13011-21041 13011-21050 13011-21070		REFERENCE NO.	REFERENCE NO. 11461-13010	
Surface Treatment 0A						
1NZ 4 Cyl.	Ø 75 -6.7	1-1.0 1-1.2 1-2.0	Ø 18 TL 53		TL OD FT FD	TIK NO.
	CD 30.7 TL 47.8					
	TIK NO. 1T750900	TIK NO. R1T750900	TIK NO. P1T750900	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-21120	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0W						
1N 4 Cyl.	Ø 74 -2	1-1.5K 1-1.5 1-3.0	Ø 23.5 TL 58 R24		TL 136.0 OD 78.0 FT 2.5 FD 82.0	TIK NO. LKSN1T740100
	CD 38.545 TL 67.5					
	TIK NO. 1T740100 1T74010T	TIK NO. R1T740100	TIK NO. P1T740100	TIK NO.	TIK NO. LNSN1T740100	
	REFERENCE NO. 13101-55020	REFERENCE NO. 13011-55010 13011-55011 13013-55010		REFERENCE NO. 90999-73109	REFERENCE NO.	
Surface Treatment 0A						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
5EFE 4 Cyl.	Ø 74 -4.8	2-1.2	Ø 18 TL 53		TL 140.0 OD 78.0 FT FD	TIK NO.
	CD 30 TL 58	1-3.0				
	TIK NO. 1T740200	TIK NO. R1T740100	TIK NO. P1T740200	TIK NO.	TIK NO. LNSN1T740100	
	REFERENCE NO. 13101-11161	REFERENCE NO. 13011-11122 13011-11140 13011-11160 13011-11170		REFERENCE NO.	REFERENCE NO. 11461-11040	
Surface Treatment 00						
5EFEA 4 Cyl.	Ø 74 -5.2	2-1.2	Ø 18 TL 59		TL 140.0 OD 78.0 FT FD	TIK NO.
	CD 30.1 TL 58.6	1-3.0				
	TIK NO. 1T740300	TIK NO. R1T740100	TIK NO. P1T740300	TIK NO.	TIK NO. LNSN1T740100	
	REFERENCE NO. 13101-11131	REFERENCE NO. 13011-11122 13011-11140 13011-11160 13011-11170		REFERENCE NO.	REFERENCE NO. 11461-11040	
Surface Treatment 00						
3EA 4 Cyl.	Ø 74 -5.4	2-1.2	Ø 18 TL 59		TL OD FT FD	TIK NO.
	CD 30.0 TL 58	1-3.0				
	TIK NO. 1T740400	TIK NO. R1T740400	TIK NO. P1T740400	TIK NO.	TIK NO.	
	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
4E 4 Cyl.	Ø 74 -4.4	2-1.2	Ø 18 TL 59		TL 140.0 OD 78.0 FT FD	TIK NO.
	CD 30.2 TL 58	1-3.0				
	TIK NO. 1T740500	TIK NO. R1T740100	TIK NO. P1T740500	TIK NO.	TIK NO. LNSN1T740100	
	REFERENCE NO. 13101-11101	REFERENCE NO. 13011-11122 13011-11140 13011-11160 13011-11170		REFERENCE NO.	REFERENCE NO. 11461-11040	
Surface Treatment 00						
2E 4 Cyl.	Ø 73 -9	2-1.5	Ø 18 TL 60		TL 138.0 OD 77.0 FT FD	TIK NO.
	CD 30 TL 58	1-3.0				
	TIK NO. 1T730100	TIK NO. R1T730100	TIK NO. P1T730100	TIK NO.	TIK NO. LNSN1T730100	
	REFERENCE NO. 13101-11050 13101-11051 13101-11040	REFERENCE NO. 13011-11040/41 13011-11060/61 13011-11062/64 13011-11072/80		REFERENCE NO.	REFERENCE NO. 11461-11030 11461-11050	
Surface Treatment 00						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
3E 4 Cyl.	Ø 73 -2.5	2-1.5	Ø 18 TL 60		TL 138.0 OD 77.0 FT FD	TIK NO.
	CD 30 TL 62	1-3.0				
	TIK NO. 1T730200	TIK NO. R1T730100	TIK NO. P1T730200	TIK NO.	TIK NO. LNSN1T730100	
	REFERENCE NO. 13101-11081	REFERENCE NO. 13011-11040/41 13011-11060/61 13011-11062/64 13011-11072/80		REFERENCE NO.	REFERENCE NO. 11461-11030 11461-11050	
Surface Treatment 00						
2E/A 4 Cyl.	Ø 73 -7.8	1-1.5 1-1.5 1-3.0	Ø 18 TL 59		TL 138.0 OD 77.0 FT FD	TIK NO.
	CD 30 TL 58					
	TIK NO. 1T730300	TIK NO. R1T730100	TIK NO. P1T730300	TIK NO.	TIK NO. LNSN1T730100	
	REFERENCE NO. 13101-11030 13101-11090 13102-11030 13103-11030	REFERENCE NO. 13011-11040/41 13011-11060/61 13011-11062/64 13011-11072/80		REFERENCE NO.	REFERENCE NO. 11461-11030 11461-11050	
Surface Treatment 00						
2K 4 Cyl.	Ø 72	2-2.0 1-4.0	Ø 18 TL 58 SP20.5		TL 122.2 OD 76.0 FT FD	TIK NO.
	CD 36 TL 72					
	TIK NO. 1T720100	TIK NO. R1T720100	TIK NO. P1T720100	TIK NO.	TIK NO. LNSN1T720100	
	REFERENCE NO. 13101-12010	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 00						
K3VE 4 Cyl.	Ø 72 -3.7	2-1.2 1-2.0	Ø 18 TL 54		TL OD FT FD	TIK NO.
	CD 28 TL 45.5					
	TIK NO. 1T720200	TIK NO. R1T720200	TIK NO. P1T720200	TIK NO.	TIK NO.	
	REFERENCE NO. 13101-BZ110 13101-BZ030	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						
K3VE/A S221 4 Cyl.	Ø 72 -3.9	2-1.2 1-2.0	Ø 18 TL 54		TL OD FT FD	TIK NO.
	CD 28.1 TL 45.2					
	TIK NO. 1T720300	TIK NO. R1T720300	TIK NO. P1T720300	TIK NO.	TIK NO. LNSN1T720300	
	REFERENCE NO. 13101-97401	REFERENCE NO. 13011-97401 13011-97404 13013-97401		REFERENCE NO.	REFERENCE NO.	
Surface Treatment 0G						



ENGINE TYPE	PISTON	PISTON RING	PISTON PIN	PIN BUSHING	LINER	LINER KIT SET
TERIOS 1.5 4 Cyl.	∅ 72 -6.5 CD 28 TL 45.5	2-1.2 1-2.0	∅ 18 TL 54C1		TL OD FT FD	TIK NO.
	TIK NO. 1T720400	TIK NO. R1T720400	TIK NO. P1T720400	TIK NO.	TIK NO. LNSN1T720300	
Surface Treatment OM	REFERENCE NO. 13101-B1021	REFERENCE NO. 13011-B1020 13011-BZ110 13013-B1020		REFERENCE NO.	REFERENCE NO.	
1E 4 Cyl.	∅ 70.5 -4.7 CD 28 TL 56	2-1.5 1-3.0	∅ 18 TL 59		TL 132.0 OD 74.5 FT FD	TIK NO.
	TIK NO. 1T705100	TIK NO. R1T705100	TIK NO. P1T705100	TIK NO.	TIK NO. LNSN1T705100	
Surface Treatment 00	REFERENCE NO. 13101-10033	REFERENCE NO. 13011-10070 13011-10071 13011-10072 13011-10080		REFERENCE NO.	REFERENCE NO. 11461-10080	
VITZ 4 Cyl.	∅ 69 -2.2 CD 26.1 TL 44.1	2-1.2 1-2.0	∅ 18 TL 47		TL OD FT FD	TIK NO.
	TIK NO. 1T690100	TIK NO. R1T690100	TIK NO. P1T690100	TIK NO.	TIK NO. LNSN1T690100	
Surface Treatment 0A	REFERENCE NO. 13101-23020 13103-23020	REFERENCE NO. 13011-23040 13011-23041 13011-23051 13013-23040		REFERENCE NO.	REFERENCE NO.	