

# TAIHO ENGINE BEARINGS

CATALOGUE B-18



TAIHO

はじめに

## Company Feature and Its Outline

Descripción y características de la empresa

ملامح الشركة وفكرة عامة عنها

开头

Особенности и Краткий обзор Компании

当社は自動車用エンジンベアリング・巻ブッシュ・スラストワッシャーなど、すべり軸受けにおける国際的なトップメーカーです。

1944年創立以来の長年にわたる知識と経験をベースに、品質マネジメントシステムの国際認証規格であるISO/TS16949:2002を登録・認証、国際的な品質・価格・納期の確立により、「信頼のTAIHOブランド」としてお客様より高い評価を頂いております。

当社は、近代技術の粋を結集したトライボロジー研究所と世界有数の軸受け専門工場を保有し、軸受け材料となる合金粉末等の製造から最終製品まで一貫生産をしている日本で唯一のベアリングメーカーであります。

これからも、グローバル企業としてお客様のご要望にお応えしてまいりますので、「TAIHO製品」をご愛用頂きますようお願い申し上げます。

We are one of the most leading manufactures in the world specialized in plain bearings such as engine bearings, formed bushings, thrust washers etc. for automotive uses.

Since 1944, we have a long experience, established the highest precision and production system selected from the masterpieces of modern technology through which we could have mass production lines manufacturing from pre-alloy powder to finished products.

Our supplying of excellent quality products under the severe quality control at reasonable price which comes from our continuous efforts of research and development activity is marked by the automotive industry concerns.

We have registered with ISO/TS16949:2002, which is an international standard of quality system standard for the automobile industry, and have set a high valuation from our customers as "Taiho means Reliability".

Nuestra empresa es líder a nivel internacional en la fabricación de cojinetes lisos, como son los cojinetes de motor, bujes laminados, arandelas de empuje, etc., para uso en automóviles.

Con el respaldo de largos años de conocimientos y experiencia desde nuestra fundación en el año 1944, nos registramos y recibimos la Certificación ISO/TS 16949:2002, estándar internacional para sistemas de administración de calidad. Gracias al establecimiento de calidad, precios y entregas de nivel internacional gozamos de gran respaldo por parte de nuestros clientes, quienes nos consideran como "TAIHO, la marca de la credibilidad".

Nuestra empresa posee el Centro de investigaciones tribológicas, que concentra una amplia gama de tecnologías modernas, y una de las plantas especializadas en rodamientos más importantes del mundo. Somos, además, los únicos en Japón que cubrimos desde la producción de las aleaciones que se utilizan como materia prima para cojinetes hasta el producto final. Es nuestra meta como empresa mundial seguir respondiendo a las necesidades de nuestros clientes.

Esperamos que nuestros productos sigan disfrutando de su preferencia.

نحن واحدة من الشركات الصانعة الرئيسية في العالم المختصين بصناعة المحامل العادية (كراسي التحميل البسيطة) مثل محامل المحرك، الجلب المشككة، فلكات الدفع، إلخ للاستخدام في المركبات الآلية.

واستناداً لتاريخنا الطويل من الخبرة والدراسة الواسعة منذ تأسيس شركتنا عام ١٩٤٤، قمنا بالتسجيل لدى ISO/TS16949:2002، وهو نظام دولي لمقاييس الجودة لصناعة السيارات، وحققتنا سمعة مرموقة لدى المتعاملين معنا مؤداها أن «تايهو تعني الثقة».

لدينا مركز لأبحاث الاحتكاك والبري والتزييق حيث تتركز أحدث المبتكرات التكنولوجية، ومصنعنا المختص بإنتاج المحامل هو واحد من أكثر المصانع تطوراً على مستوى العالم، نظامنا الإنتاجي المتكامل، من المواد إلى المنتجات الجاهزة بصورتها النهائية حقق لنا الاعتراف بكوننا صانع المحامل الوحيد في اليابان.

وبصفتنا شركة عالمية، فإننا نخوض التحدي لتلبية كل احتياجات المتعاملين معنا، ونأمل أن تكون منتجاتنا تايهو هي الاختيار الأول.

本公司是生产汽车用发动机轴承・轴衬・推力垫圈等，滑动轴承的国际顶尖生产厂家。在凭借着自1944年创立以来的多年的知识和经验的基础上，注册并认证了质量管理体系的国际认证规格的ISO/TS16949:2002，凭着在国际上确立的质量・价格・缴纳期，「信赖的TAIHO牌」得到了客户的很高的评价。本公司拥有集聚近代技术范围的摩擦研究中心和世界有数的轴承专业工厂，是日本唯一的从制造作为轴承材料的合金粉末到最终产品的轴承制造厂家。

本公司将作为一个全球性企业响应客户要求，愿「TAIHO产品」成为您喜爱的产品。

Мы являемся одним из ведущих производителей в мире, специализирующихся на подшипниках скольжения, таких как подшипники двигателей, фильерных пластинах, упорных шайбах и т.д. для автомобильного применения

Основываясь на нашем многолетнем опыте и широких знаниях, с основания нашей компании в 1944-м, мы зарегистрированы с ISO/TS16949:2002, являющийся международным стандартом качества систем для автомобильной промышленности, и у нас высокая репутацию среди наших клиентов как «TAIHO – означает Надежность».

У нас есть Исследовательский центр Трибологии, в котором сконцентрирована самая современная технология, и наш завод, специализирующийся на производстве подшипников самый большой в мире. Мы являемся единственным производителем подшипников в Японии с интегрированной системой производства от сырья до готовой продукции.

В качестве глобального предприятия, мы готовы встретить все требования наших клиентов, и надеемся, что вы постоянно будете пользоваться «изделиями TAIHO».

## 主な得意先 | Main Customers

株式会社 IHIターボ  
アイシン・エイ・ダブリュ 株式会社  
アイシン精機 株式会社  
いすゞ自動車 株式会社  
井関農機 株式会社  
株式会社 エクセディ  
カルソニックカンセイ 株式会社  
九州武蔵精密 株式会社  
株式会社 クボタ  
株式会社 小松製作所  
サンデン 株式会社  
株式会社 ジェイテクト  
ジャイトコ 株式会社  
スズキ 株式会社  
ダイキン・ザウアー・ダンフォース 株式会社  
ダイハツ工業 株式会社  
株式会社 デンソー  
トヨタ自動車 株式会社  
株式会社 豊田自動織機  
トヨタ車体 株式会社

トヨタ紡織 株式会社  
日産工業 株式会社  
パナソニック 株式会社  
日野自動車 株式会社  
富士重工業 株式会社  
本田技研工業 株式会社  
マツダ 株式会社  
三菱自動車工業 株式会社  
三菱重工業 株式会社  
三菱ふそうトラック・バス 株式会社  
ヤマハ発動機 株式会社  
ヤンマー 株式会社  
Audi AG  
Daimler AG  
Delphi Corporation  
General Motors Corporation  
Halla Climate Control Corp.  
Visteon Corporation  
Volkswagen AG

Aisin AW Co., Ltd.  
Aisin Seiki Co., Ltd.  
Audi AG  
Calsonic Kansei Corporation  
Daihatsu Motor Co., Ltd.  
Daikin-Sauer-Danfoss Ltd.  
Daimler AG  
Delphi Corporation  
Denso Corporation  
Exedy Corporation  
Fuji Heavy Industries Ltd.  
General Motors Corporation  
Halla Climate Control Corp.  
Hino Motors, Ltd.  
Honda Motor Co., Ltd.  
IHI Turbo Co., Ltd.  
Iseki & Co., Ltd.  
Isuzu Motors Limited  
Jatco Ltd  
Jtekt Corporation

Komatsu Ltd.  
Kubota Corporation  
Kyushu Musashi Seimitsu Co., Ltd.  
Mazda Motor Corporation  
Mitsubishi Fuso Truck and Bus Corporation  
Mitsubishi Heavy Industries, Ltd.  
Mitsubishi Motors Corporation  
Nissan Kohki Co., Ltd.  
Panasonic Corporation  
Sanden Corporation  
Suzuki Motor Corporation  
Toyota Auto Body Co., Ltd.  
Toyota Boshoku Corporation  
Toyota Industries Corporation  
Toyota Motor Corporation  
Visteon Corporation  
Volkswagen AG  
Yamaha Motors Co., Ltd.  
Yanmar Co., Ltd.

# 大豊工業の主要製品 | TAIHO Product Lines

## エンジンベアリング/Engine Bearings



# Quality and Environment Management System | 品質・環境マネジメントシステム

## Quality Management System / 品質マネジメントシステム

At Taiho Kogyo, our major plants in Japan and overseas have been certified under the ISO/TS16949 for quality managementsystems. Through the implementation and operation of our quality control system, we supply the reliable products for our customers.

大豊工業(株)では、国内外の主要生産工場で、品質マネジメントシステムにおける国際規格ISO/TS16949を取得。システム導入・運用を通じてお客様に信頼できる商品の提供を行っております。



## Environmental Management System / 環境マネジメントシステム

At Taiho Kogyo, all our parts of our company are involved in efforts to ensure safety, environmental awareness and energy conservation. All our major production locations, in Japan and overseas, have been certified under the ISO 14001 international standards for environmental management. We continue to make efforts to improve our systems so that our factories are recognized throughout the world as kind to both humanity and the earth.

大豊工業では、安全及び環境・エネルギー管理を目的に全社を挙げた取り組みを行い、国内外の主要生産拠点で環境マネジメントシステム「ISO14001」の認証を取得しました。さらにこれら環境への取り組みを継続的に改善し、人と地球に優しく、世界に認められる工場づくりを推進しています。







## Europe

Hungary



**Taiho Corporation of Europe Kft.**  
2367 Ujhartyan, Japan fasor 7, Hungary

## Asia

China

Korea

Japan

Thailand

Indonesia



**Hengye Bearing Materials Co.,Ltd (Changzhou)**  
No.5 Yetian Village, Caohecnunwei, Xuejia Town, Xinbei District, Changzhou City, Jiangsu Province, China



**Taiho Corporation of Korea**  
1088 Wolam-Dong, Dalseo-Gu, Daegu, Korea



**Taiho (Thailand) Co.,Ltd**  
55/39/2 Moo 13, Phaholyothin Rd, T.Klongnueng, A.Klongluang, Pathumthani, 12120 Thailand



**Taiho Kogyo Corporation of Yantai**  
264006 NO.42, Guang Zhou road, Yantai Eco&tech Development Zone, China



**PT. Taiho Nusantara**  
JI, Permata Raya Lot BB-8B Kawasan Industri KILC Karawang 41361 Jawa Barat, Indonesia



# North America

Ohio



**Taiho Corporation of America U.S.**  
194 Heritage Drive Tiffin, Ohio 44883, U.S.A.



**Corporate Head Office & Main Plant**  
3-65, Midorigaoka, Toyota-City,  
Aichi 471-8502, Japan



**Hosoya Plant**  
2-47, Hosoya-Cho, Toyota-City,  
Aichi 471-8502, Japan



**Technical Center**  
2-47, Hosoya-Cho, Toyota-City,  
Aichi 471-8502, Japan



**Sasahara Plant**  
37-1, Shikita, Sasahara-Cho, Toyota-City,  
Aichi 470-0352, Japan



**Koukai Plant**  
2-1, Kamigiri, Ichida, Koukai-Cho, Toyota-City,  
Aichi 444-2221, Japan



**Kyushu Plant**  
50-19, Midori-Machi, Izumi-city, Kagoshima  
899-0201, JAPAN

# 取扱注意事項 | Instruction | Instrucciones de manejo

## 1.保管

### (1)防塵

保管場所に注意し、ちりやほこりの侵入を防いでください。

### (2)運搬

ベアリングは傷つきやすいので、衝撃・振動を与えないでください。ベアリングは汚れのない手で取り扱い、収納は清浄な箱を使用してください。

## 2.組付け

### (1)シャフト研磨

シャフトを研磨し再利用するときは、最適クリアランスが確保できるように適性なシャフト径に研磨し、さらには表面粗さが粗くならないよう十分に注意してください。

### (2)ばり・キズ

シャフトへの打痕、研磨時のばりなどが発生しないように注意してください。

### (3)その他

ベアリングを組付ける直前には、ベアリングのすべり面に清浄なオイルを薄く塗布してください。

## 1.Storage

### (1)Dustproof

:Keep Engine Bearings where it is not dusty.

### (2)Transfer & Carrying

:Engine Bearings are easily spoiled, therefore, do not give any shocks or vibration to them.  
Handle Engine Bearings with clean hands and use clean box after they are taken out of TAIHO box.

## 2.Assembling

### (1)Finishing shafts

:Finish shaft diameter properly to the required standard in order to obtain proper oil clearance.  
Also finish shaft surface (roughness) properly.

### (2)Burr & Crack

:To avoid any burrs or cracks, take proper care when finishing shaft.

### (3)Others

:Apply sufficient oil to all bearing surfaces when installing.

## 1. Almacenamiento

### (1) Polvo

Almacene en un lugar que no permita la entrada de polvo.

### (2) Transporte

Evite choques y vibraciones, los cuales pueden causar daños a los cojinetes. No maneje los cojinetes con manos sucias, y guárdelos en una caja limpia.

## 2. Montaje

### (1) Lijado del eje

Al lijar el eje con la finalidad de volver a usarlo, asegúrese de reducirlo a un diámetro que garantice la holgura del aceite, y cuide que la superficie no quede áspera.

### (2) Virutas y rayas

Evite marcas de golpes y virutas al momento de lijar el eje.

### (3) Otros

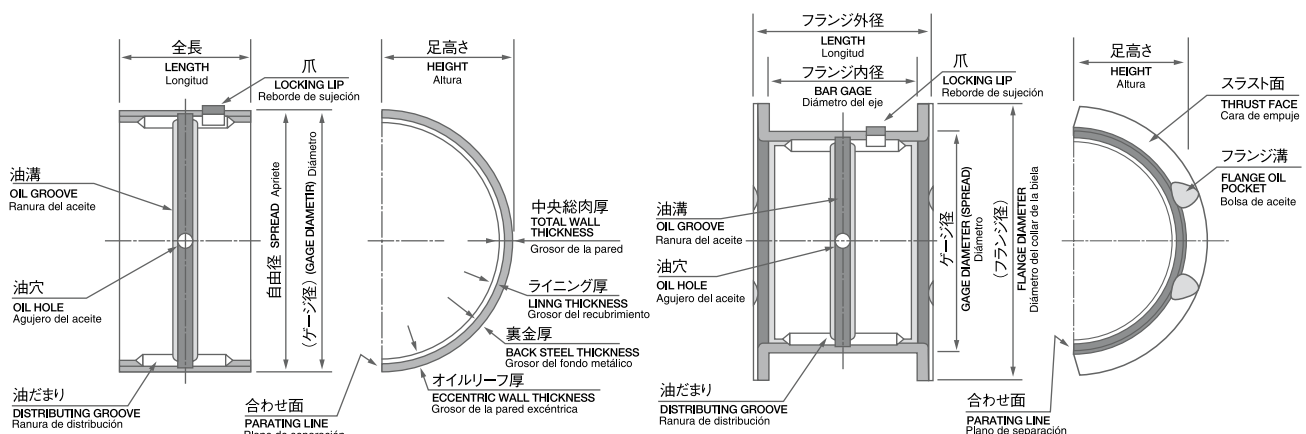
Aplice una fina capa de aceite limpio a la superficie del cojinete antes del montaje.

これらは、ベアリングの異常磨耗、焼付け防止上大切な事柄ですので、ご注意ください。さらに、すべてのベアリングの組付けが終わったとき、クランクシャフトが軽く回るか確認してください。重いとき、または回らないときには直ちに分解して原因を調べてください。

These instructions are very important in avoiding bearing abnormal wear, seizure, and so on.  
These instructions are for reference purpose only, details should be followed according to each manual book.  
Finally, check whether shaft can revolve lightly, if not, disassemble engine immediately and check each part.

Por favor ponga atención a estos puntos, ya que son importantes para prevenir el desgaste anormal y agarrotamiento del cojinete.  
Cuando termine el montaje de todos los cojinetes asegúrese de que el cigüeñal gire libremente. Si el giro es pesado o no gira en absoluto, desarme de inmediato e investigue la causa del problema.

# 各部の名称 | Bearing Nomenclature | Nombres de las partes



## ١. التخزين

### (١) مقاومة الغبار

إحتفظ بمحامل المحرك في مكان خالٍ من الغبار.

### (٢) النقل والحمل

محامل المحرك سهلة التلف، لذا لا تعرضها لأي صدمات أو اهتزاز. تناول محامل المحرك بأيدي نظيفة واستعمل صندوقاً نظيفاً بعد إخراجها من صندوق تايهو.

## ٢. التجميع

### (١) صقل الأعمدة

قم بصقل قطر العمود كما ينبغي حتى المقياس المطلوب للحصول على خلوص الزيت الصحيح. كذلك قم بصقل سطح العمود (الخشونة) كما ينبغي.

### (٢) الزوائد الخشنة والتشققات

لتفادي أي زوائد خشنة أو تشققات، التزم الحرص الكافي عند صقل العمود.

### (٣) غير ذلك

ضع قدرًا كافيًا من الزيت على جميع سطوح المحامل عند التركيب.

هذه التعليمات مهمة جداً لتفادي الإهتراء غير العادي للمحامل والانكماش وما شابه ذلك. الغرض من هذه التعليمات هو أن تكون مرجعاً إشارياً فقط، وينبغي إتباع التعليمات التفصيلية كما في كل كتيب استخدام. وأخيراً، تحقق مما إذا كان العمود يدور بخفة، وإذا لم يكن كذلك فقم بفتح المحرك على الفور وافحص كل جزء.

## 1. 保管

### (1) 防尘

注意保管的场所，防止垃圾和灰尘的进入。

### (2) 搬运

因轴承容易受损，请不要有碰撞和振动。请用干净的手来接触轴承，并用清洁的箱子保存。

## 2. 组装

### (1) 轴的研磨

将主轴研磨再利用时，为了保持最适当的间隙，要研磨至适当的轴径，并注意表面的光滑。

### (2) 毛刺・损伤

在打刻，研磨轴时，要注意不能有毛刺等产生。

### (3) 其它

在组装轴承之前，请在轴承的滑动面上用干净的毛巾薄薄地涂一层油。

## 1. Хранение

### (1) Пыленепроницаемость

Храните подшипники двигателя в месте, защищенном от пыли.

### (2) Перенос и Транспортировка

Подшипники двигателя легко портятся, поэтому, пожалуйста, не подвергайте их ударам или вибрации. Обращайтесь с подшипниками двигателя чистыми руками и используйте чистую коробку после того, как они были вынуты из коробки ТАЙНО.

## 2. Монтаж

### (1) Шлифовка вала

При повторном использовании вала после шлифования, обеспечьте шлифование в соответствии с требуемым стандартом диаметра шахтного ствола, и также будьте внимательны при шлифовании поверхности (шероховатостей).

### (2) Повреждения и Трещина

Во избежании любых повреждений или трещин, соблюдайте надлежащую осторожность при шлифовании вала.

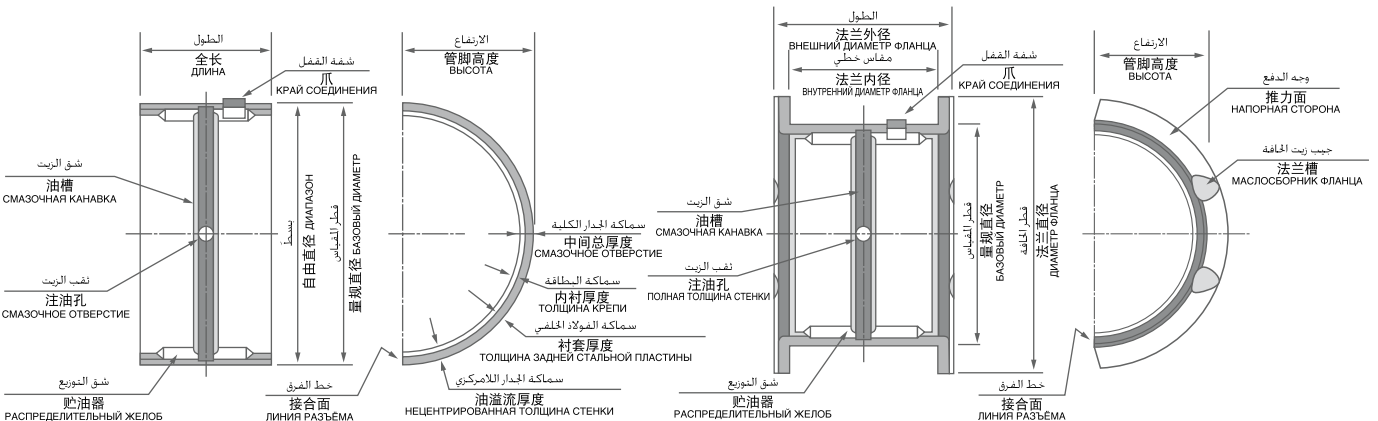
### (3) Прочее

При монтаже используйте достаточное количество масла ко всем опорным поверхностям.

这些，是防止轴承异常磨损，烧焦的重要事项，请务必注意。并且，在全部的轴承安装完毕后，确认机轴是否可以轻易转动。如果转得沉重，或不转的时候要立刻分解调查原因。

Эти инструкции очень важны во избежании ненормального износа подшипников, заклинивания, и так далее. Эти инструкции даны только с целью рекомендации, подробнее вы должны следовать в соответствии с каждым руководством. В заключение, проверьте, может ли вал вращаться легко, в противном случае немедленно демонтируйте двигатель и проверьте каждую часть.

## الأسم لكل جزء | 各部分名称 | Названия частей





# Explanation of TAIHO Set Numbers | セット番号欄の符号説明



## Type of Bearings / ベアリング名称

- M** :Main Bearing Set / メインベアリングセット
- MP** :Main Bearing Set (Pair) / メインベアリングセット (ペア)
- T** :Thrust Washer Set / スラストワッシャセット
- R** :Connecting Rod Bearing Set / コネクティングロッドベアリングセット
- RP** :Connecting Rod Bearing Set (Pair) / コネクティングロッドベアリングセット (ペア)
- C** :Camshaft Bearing Set / カムシャフトベアリングセット
- PC** :Pump Drive Shaft Bearing Set / ポンプドライブシャフトベアリングセット
- P** :Piston Pin Bushing Set / ピストンピンブッシュセット
- B** :Balance Shaft Bushing Set / バランスシャフトブッシュセット

## Materials / ベアリング材質

- H** :Sintered Copper-Lead / 焼結銅鉛合金・焼結鉛青銅合金
- A** :Aluminum Alloy / 高錫アルミニウム合金
- L** :Lead White Metal / 鉛ホワイトメタル ※Will be changed to lead free material.
- P** :Phosphor Bronze / リン青銅合金

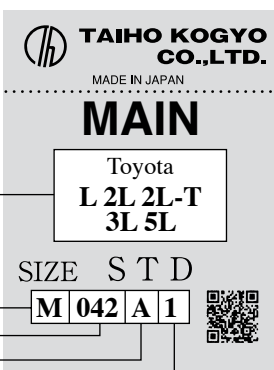
車種・型式  
Application Model

ベアリング名称  
Type of Bearings

モデル品番表示  
Model Number

材質表示  
Material

設計変更表示  
Alteration



# Micro-Grooved Bearings | マイクログループベアリング

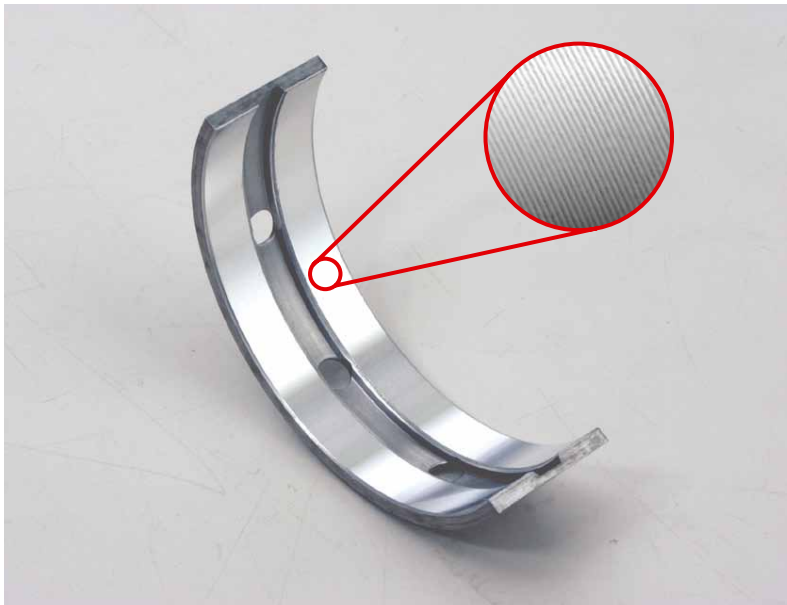
It used to be a given that bearing surfaces had to be flat and smooth, but MGB technology turned this thinking on its head by introducing bearing surfaces with shallow, uniform grooves. These have now become the norm in high-performance engine bearings. The true value of these bearings has been further improved through the use of lead-free materials.

MGBは「軸受面は平滑で滑らか」といった当時のすべり軸受けの概念を覆し、軸受面にごく浅く均一な溝を設けたもので、現在では高性能エンジンベアリングの主流となっています。鉛フリー軸受材料との併用でさらにその真価を発揮します。

## Characteristic / 特徴

Performance Improvement for Durability, Silence and Fuel Efficiency

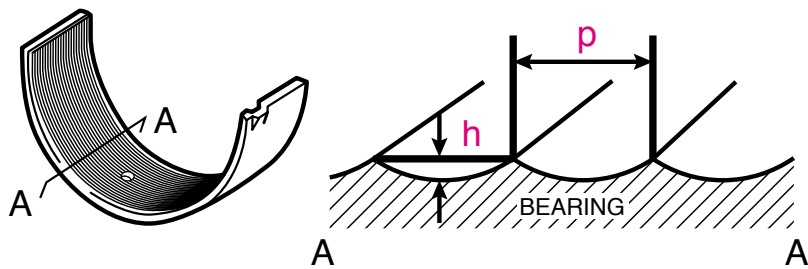
- ・軸受の耐久性能(耐疲労性等)向上
- ・エンジンの静粛性向上・燃費改善



## Structure / 構造

MGB is High Performance Engine Bearing with shallow, uniform grooves on the inner surface

軸受内面をレコードみぞ状(グループ)に仕上げた高性能エンジン軸受



Application Model		ITEM	PART NO.
TOYOTA	1AZ,2AZ	M/R	M724A
		C/R	R724A
	1G-FE	M/N	M743A
		1GR-FE	M/N
	C/R		R736A
	2GR-FE	M/N	M739A
		3GR,4GR,5GR	M/N
	2GR-FE,3GR		C/R
		1KR	M/N
	C/R		R735A
	1KZ,1KD,2KD	M/N	M720A1
		C/R	R720A1
	1MZ-FE	M/N	M719A
		C/R	R719A
	1NZ,2NZ	M/N	M723A1
		C/R	R723A
	1RZ,2RZ,3RZ	M/N	M703A2
		C/R	R711A
	3SZ	C/R	R727A
		1TR,2TR	M/N
C/R	R729A		
2UZ-FE	M/N	M733A	
	C/R	R733A	
1ZR,2ZR	M/N	M734A1	
	C/R	R734A	
1ZR	C/R	R744A	
	1ZZ-FE	M/N	M715A
C/R		R715A	
TOYOTA DAIHATSU	1SZ,2SZ K3	M/N	M725A
		M/N	M726A
		C/R	R725A
		C/R	R726A
NISSAN	MR18,MR20	M/N	M1054A
		C/R	R1054A
SUZUKI	J18A,J20A H20A,H25A, H27A	M/N	M661A
		M/N	M662A
		M/N	M663A
		C/R	R661A
		C/R	R662A
	K6A	M/N	M660A
		C/R	R660A
	M13A	M/N	M664A
		C/R	R664A
	M15A,M16A M18A	M/N	M665A
C/R		R665A	
ISUZU	3AE1 6VD1	C/R	R807H1
		M/N	M810A
		C/R	R810A
HINO	J08C J05C,J07C,J08C	M/N	M226H
		M/N	MP226H
HONDA	J30A	M/N	M473H
		C/R	R473H
	L13A,L15A,LDA	M/N	M468A
		C/R	R468A
	R16A,R18A	M/N	M457A
C/R		R457A	
K20A,K24A	M/N	M469A	
	HYUNDAI	D	M/N
C/R			R3107H
MAZDA	W9	C/R	R332A

# SUPER GRADE ENGINE BEARING High Quality Materials | スーパーグレードエンジンベアリング 高品質材質

TAIHO Super Grade Engine Bearings have adopted higher quality material with Gold and Silver Label.

大豊では、通常品より高品質材質を用いた金銀ラベルアイテムを設定しております。

## Gold Label / 金色ラベル

Super Grade Main Bearing Set

スーパーグレード メインベアリング セット



## Silver Label / 銀色ラベル

Super Grade Connecting Rod Bearing Set

スーパーグレード コンロッドベアリング セット



	Application Model	PART NO.		
HINO	EF550,750	M220H1 R220H1		
	EH500,700	M208H1 R208H1		
	EK100	M214H1 R214H1		
	H07C	(84-'85)	M218H1	
		(86-)	R218H1 R219H1	
	H07D	R224H1		
	J05C,J07C,J08C		M224H MP224H RP224H1	
		J08	M226H	
		J05C,J07C,J08C	MP226H	
	J05D	RP226H		
	P11C	R227H		
	ISUZU	10PA1,10PB1,10PC1	MP179H1 RP179H1	
		4BA1,4BB1,4BC1,4BC2,4BD1,4BD1-T,4BE1,4BE2,4BG1,C330,6BB1,6BD1,6BD1-T,6BF1,6BF1-T,6BG1,6BG1-T,D500	RP168H1	
		4BD1	M190H1 R168H1	
6BD1		(76-'78)	M173H1	
		(80-)	M182H1 R169H1	
6HK,6HE1T		C803H		
6SA1		M186H R186H		
6WA1-T,6WF1-T,6WG1-T		M811H R811H		
8PD1,10PD1		MP198H		
12PD1		RP198H		
D920,DH100,DH100-T		M163H2		
DH100			M156H2 R166H1	
			R156H1	
6A13-D4		M905H ★		
6A13		R904H ★		
MITSUBISHI FUSO		6D10	M112H2 R112H1	
		6D14-T,6D15-T,6D16,6D16-T,6D17	R129H1	
		6D24,6M7	M901H R901H	
		6D40	M902H	
		8DC6~9		MP107H3 RP107H3 RP114H1
			8DC7,8DC8,8DC70,8DC80	M107H2
			8DC70,80	R114H1 M107H1
		8DC10,90	R124H1	
	NISSAN DIESEL	BD30	R087H	
		ED33,FD33	R082H1	
		ED6		M065H1 R065H1
			ND6	M067H1 R067H1
		PD6		M076H1 R076H1
RD10			M064H1 RP063H1	
RD8			M063H1 R063H1	
		RD8 · RD10,RE	MP090H1	
RD8,RE8('83-'85)		M090H1		
RD10,RE10('83-'86)		M091H1		
SD20		M080H2		
SD20,SD22,SD23,SD25		R080H1		
SD33			M081H2 R081H1	
			R081H1	
NISSAN		KA24	M084H1	
	L18,Z20,Z22,Z24	R054H1		
	L20,L24,L26,L28,LD28	R057H1		
	VQ20,VQ25,VQ30	M099H		
	VQ20	R099H		
	VQ25	R100H		
	VQ35	R1058H		
	Z20,Z22,Z24	M066H2		
KOMATSU	SAA6D102E ★	R421H		



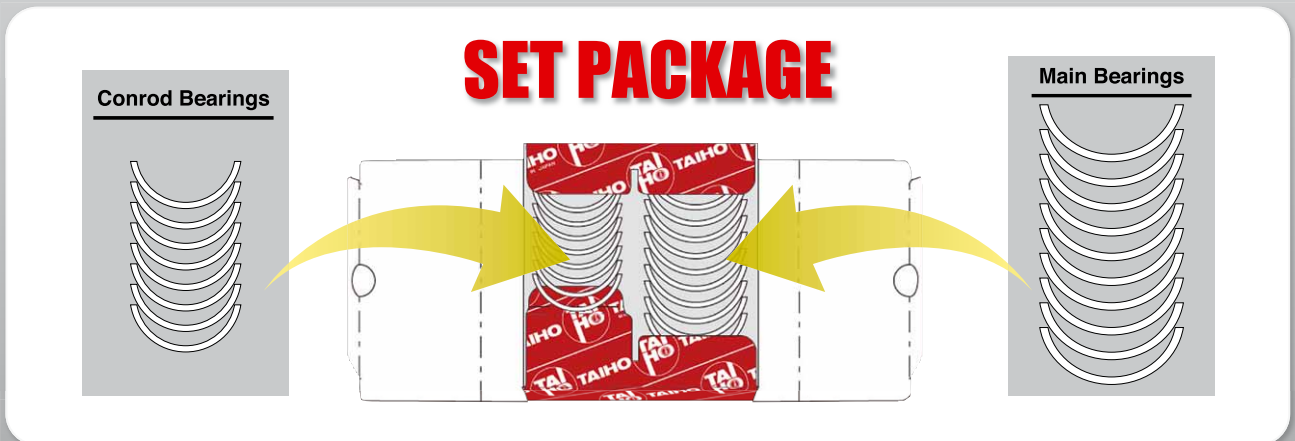
# BRAND NEW ITEM



## セット売りアイテム品番表

MAKER	ENGINE	TAIHO SET NO.	PACKAGE CONSISTS OF
TOYOTA	1E, 2E, 4E	SMR025A	M025A
			R025A
TOYOTA	L, 2L, 2L-T, 3L, 5L	SMR042A	M042A1
			R039A
MITSUBISHI	4G51, 4G52, 4G53, G52B	SMR113A	M113A3
			R113A1
MITSUBISHI	4G13, G13B, 4G15, G15B	SMR119A	M119A
			R130A
MITSUBISHI FUSO	4D30, 4D31, 4D31-T, 4D32	SMR121H	M121H
			R121H

MAKER	ENGINE	TAIHO SET NO.	PACKAGE CONSISTS OF
TOYOTA	12R	SMR016A	M016A
			R016A
TOYOTA	Y, 2Y, 3Y, 4Y	SMR041A	M041A
			R041A
MITSUBISHI	4G63, 4G64	SMR136A	M136A
			R136A
MAZDA	F6, F8, FE	SMR315A	M315A
			R336A
TOYOTA	1RZ, 2RZ, 3RZ, 2TZ-FE	SMR703A	M703A2
			R703A



# TAIHO KOGYO CO.,LTD.

# Modes of Bearing Damage and Factor Analysis | エンジンベアリングの損傷モードと要因解析

Theoretically the sliding surfaces of engine bearing and crankshaft do not cause solid contact during continuous operation since a film of lubricating oil exists between them.

In reality, however, cases have been reported where a solid contact occurred due to various factors, resulting in broken oil film and wear and ultimately leading to a serious damage.

エンジンベアリングとクランクシャフトとのすべり面には、潤滑油の油膜が存在するために、理論的には連続運転中における個体間の接触は起きません。

現実的にはいろいろな要因により個体間の接触を避けられず、油膜を破ってしまい重大な損傷につながる実例があります。

ここでは代表的な損傷モードの実例を紹介します。

## 1. Abnormal Wear / 異常摩耗

A condition such as an uneven wear or local wear, caused by housing or crankshaft defects or misalignment and sometimes caused by the acceptance of debris.

ミスアラインメントや局部当りによる偏摩耗・局部摩耗や異物混入による傷を伴った摩耗などの異常な摩耗をいいます。

### 1 Linear Scratch Marks / 線状傷



- [1]** Flaw caused by depositing of fine debris particle on the shaft.  
細かな異物が軸に付着して発生した傷



- [2]** Flaw caused by depositing of relatively large debris particle on the shaft.  
比較的大きな異物の侵入や鑄造軸のフェライトバリにより発生した傷



- [3]** Deep flaw reaching the lining, caused by acceptance of debris, burrs around the shaft oil hole, etc.  
軸油穴のバリ・大きな異物による深い傷(ライニングに達する)

### 2 Abnormal Wear / 異常摩耗



- [1]** Local wear near the oil relief caused by significant misalignment of the connecting rod.  
コネクティングロッドの大きな食い違いによるオイルリリーフ近傍の局部摩耗



- [2]** Uneven wear caused by insufficient shaft accuracy (cylindricity).  
軸精度(円筒度)不良による偏摩耗



- [3]** Uneven wear caused by insufficient housing accuracy (cylindricity).  
ハウジング精度(円筒度)不良による偏摩耗



- [4]** Uneven wear accompanied by an insufficient lubrication due to the worn shaft.  
軸摩耗により潤滑不良を伴った偏摩耗

## 2. Seizure / 焼付き

A complete adhesion of the sliding surfaces, caused by a generation of excessive heat, surface flow, galling or agglutination arising from a contact between metal sliding surfaces due to insufficient oil, not enough clearance, high-speed operation, high loading, uneven contact, etc.

油切れ、局部当りなどによる油膜切れによるしゅう動面での固体接触がエンジンベアリングとシャフトとの凝着に至り、激しい発熱を伴った表面流動、かじり、固着現象をいいます。



- [1]** Surface flow of the lining accompanied by linear scratch marks caused by burr around the shaft oil hole.  
軸の油穴バリによる線状傷を伴ったライニングの表面流動



- [2]** Surface flow of the overlay accompanied by linear scratch marks caused by acceptance of debris.  
異物による線状傷を伴ったオーバーレイの表面流動



- [3]** Surface flow of the lining caused by insufficient shaft accuracy (cylindricity)  
軸精度 (円筒度) 不良によるライニングの表面流動



- [4]** Seizure caused by insufficient lubrication of the bearing.  
ベアリングへの潤滑不足による焼付き



- [5]** Seizure accompanied by overlay fatigue due to a rise in bearing temperature (high oil temperature).  
軸受温度上昇 (高油圧) によるオーバーレイの疲労を伴った焼付き

### 3. Fatigue / 疲労

When a crack generated in the lining has grown and causes the lining to isolate or separate from the back metal, the shape of the separation area becomes irregular and cracks occur. In the presence of a strong local contact, the bearing generates heat and the oil film thickness decreases. As a result, a metal contact occurs between the shaft and bearing and the surface lining triggers a plasticity flow, which, if promoted, eventually causes a meltdown separation. This series of phenomena are called "fatigue".

軸受け合金への繰り返し荷重により生じた軸受け合金の疲労クラックをいいます。アルミニウム合金軸受けの場合、クラックがライニングと裏金界面を伝播しライニングの剥離に至る場合もあります。銅合金軸受けの場合、クラックがライニングから裏金まで伝播しエンジンベアリングの破断にいたる場合もあります。



- [1]** Overlay fatigue caused by local contact on the inner diameter surface of bearing resulting from a depositing of oil sludge on the outer diameter surface of bearing.  
ベアリング外径面へのオイルスラッジ堆積からベアリング内径面の局部当りによるオーバーレイの疲労



- [2]** Fatigue separation of the overlay caused by rise in bearing temperature (high oil temperature).  
ベアリング温度上昇 (高油圧) によるオーバーレイの疲労剥離



- [3]** Fatigue separation of the overlay caused by overloading of the bearing.  
ベアリングへの過負荷によるオーバーレイの疲労剥離



- [4]** Fatigue separation of the lining caused by rise in bearing temperature due to an overloading of the bearing.  
ベアリングへの過負荷によるベアリングの温度上昇に起因するライニングの疲労剥離



- [5]** Fatigue separation of the lining caused by uneven contact (misalignment).  
片当り (ミスアライメント) によるライニングの疲労剥離

### 4. Corrosion / 腐食

A phenomenon of selective corrosion of lead in the overlay and lining, caused by a chemical reaction of the lead contained in the lubricating oil and shaft metal, which causes the lubricating oil to oxidize (degrade) during operation and produce organic acids and oxides.

潤滑油の酸化劣化・熱分解・加水分解より生じた生成した酸及びブローバイの混入に伴う生成物が原因となる科学的な反応をいいます。鉛合金は潤滑油の劣化により生成したカルボン酸により溶出します。銅合金では添加剤等の硫黄分と反応し硫化腐食が生じます。



- [1]** Corrosion (discoloration) of the overlay caused by a degradation of oil (increased total oxidation, etc.)  
オイルの劣化 (全酸化増加など) によるオーバーレイの腐食 (変色)

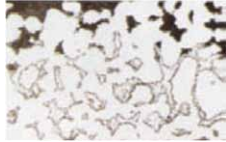




- [2]** Uneven wear accompanied by insufficient lubrication due to the worn shaft.  
軸摩耗により潤滑不良を伴った偏摩耗



- [3]** A promoted corrosion has caused a part of the lining to separate/fall.  
腐食が進展し、ライニングの一部が脱落



- [4]** Surface flow of overlay accompanied by linear scratch marks caused by unacceptance of debris.  
異物による線状傷を伴ったオーバーレイの表面流動(ライニング中の鉛が選択的に腐食して消失)

## 5. Cavitation Erosion / キャビテーション エロージョン

A phenomenon of erosive breakage of the bearing surface, caused by the energy generated when a cavity formed by the lubricating oil breaks under high pressure. Cavities form as a result of high-speed shearing the lubricating oil and are thus often created when the oil passage is blocked.

潤滑油中に生じたキャビティが崩壊したときにエンジンベアリング表面が浸食的に破壊される現象をいいます。キャビティの発生は、潤滑油の負圧や乱流によるもので、軸心の急激な変動や給油経路の障害などにより発生します。



- [1]** Damage to the overlay caused by local impact force generated by cavitation around the oil groove. Called "flow cavitation".  
油みぞまわりに発生したキャビテーションの局部衝撃力によるオーバーレイの損傷  
(流れキャビテーションと呼ぶ)



- [2]** Damage to the lining caused by local impact force generated by cavitation around the oil hole in the connecting rod bearing. Called "flow cavitation".  
コンロッドベアリングの油穴周辺に発生したキャビテーションの局部衝撃力によるライニングの損傷  
(流れキャビテーションと呼ぶ)



- [3]** Damage to the lining caused by cavitation formed near the crush relief of the connecting rod bearing. Called "flow cavitation".  
コンロッドベアリングのクラッシュリリーフ近傍に発生したキャビテーションによるライニングの損傷  
(流れキャビテーションと呼ぶ)



- [4]** Damage to the overlay caused by cavitation formed at the center of the upper main bearing. Called "suction cavitation".  
アッパー側メインベアリングの中央部に発生したキャビテーションによるオーバーレイの損傷  
(吸入キャビテーションと呼ぶ)



- [5]** Damage to the overlay caused by cavitation formed at the center of the connecting rod bearing (near the maximum loading point). Called "impact cavitation".  
コンロッドベアリングの中央(最大荷重点近傍)に発生したキャビテーションによるオーバーレイの損傷  
(衝撃キャビテーションと呼ぶ)

## 6. Fretting Corrosion / フレッチング コロージョン

Slight oxidation, agglutination or separation on the surface, caused by microvibration(sliding) between metals at the outer diameter surface or mating surface of bearing due to an insufficient interference, lack of rigidity in the housing, etc.

ハウジングの剛性不足や足高不足などにより、エンジンベアリング外径面または合わせ面でエンジンの回転に伴う微小振動が発生して、微小な表面酸化、凝着、剥離などを生じる現象をいいます。



- [1]** Damage to the inner diameter surface of bearing caused by agglutination of the abrasion powder produced by fretting corrosion, which occurred on the outer diameter surface of bearing due to an insufficient rigidity in the connecting rod. Damage to the outer diameter surface of bearing caused by local agglutination of the abrasion powder from the inner surface of connecting rod large end bore.  
コネクティングロッドの剛性不足で、ベアリング外径面に発生した微動摩擦による摩耗粉の凝集に起因したベアリング内径面の損傷(コネクティングロッド大端穴内面の摩耗粉が局部的に凝着したベアリング外径面の損傷)



- [2]** Damage to the inner diameter surface of bearing caused by depositing of the abrasion powder produced by microslide, which occurred on the outer diameter surface of bearing due to an insufficient bearing interference. Local damage to the inner diameter surface of bearing in the area corresponding to the location of fretting on the outer diameter surface of bearing.  
ベアリングの締め代不足で、ベアリング外径面に発生した微振動による摩耗粉の堆積に起因したベアリング内径面の損傷(ベアリング外径面に生じたフレッチング部分に相当するベアリング内径面の局部損傷)

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注:単体品番欄における( )は、つばつき製品を示します。  
Note : Taiho Part Numbers with parenthesis Flange Bearings.

★ Mark shows New Part Numbers from B-18.

The information contained in this catalogue has been edited with utmost care.

But we do not assume responsibility for inaccuracies that may appear herein.

MODEL · YEAR NOS.OF CYL X CYL CAPACITY · BORE X STROKE CAR NAME - MODEL	TAIHO SET NO.	TAIHO PART NO.	UNIT PER SET	POSITION	DIMENSION (mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>1A</b> 1978~79 G4×1452CC·77.5×77 TERCEL -AL10	<b>M022A</b>	63-043-1	10	1~5	47.98	52.04	2.005	19.90	<b>11701-15011</b>

### カタログの見方

- ①=エンジン型式名称  
適用年月  
G: ガソリン、D: ディーゼル 気筒数 総排気量 内径×行程  
車種名
- ②=大豊セット No.      ③=使用個数      ④=シャフト径 (最小)      ⑤=肉厚 (最大)  
⑥=大豊生産 No.      ⑦=取付位置      ⑧=ハウジング径 (最大)      ⑨=巾 (最大)  
⑩=参考品番

### HOW TO USE CATALOGUE

- ①=Engine model  
Engine application period  
Gasoline engine=G, Diesel engine=D, Number of cylinders Total displacement  
Bore and Stroke  
Vehicle name-model
- ②=TAIHO set number      ③=Shaft diameter(min)  
④=TAIHO part number.      ⑤=Housing diameter(max)  
⑥=Quantity per unit      ⑦=Wall thickness(max)  
⑧=Mounting position      ⑨=Width(max)  
⑩=Reference number

### INDICACIONES PARA CONSULTAR EL CATÁLOGO

- ①=Modelo del Motor  
Periodo de la aplicación del Motor  
Motor de gasolina=G, Motor de diesel=D, Número de cilindros, Cilindrada total,  
Diámetro interior del cilindro y distancia del punto muerto superior  
al punto muerto inferior del pistón(carrera).  
Nombre del vehículo - modelo
- ②=Número de TAIHO      ③=Diámetro del eje(mín.)  
④=Número de la producción de TAIHO      ⑤=Diámetro de la envoltura(máx.)  
⑥=Cantidad por unidad      ⑦=Grosor del cojinete(máx.)  
⑧=Posición del montaje      ⑨=Anchura(máx.)  
⑩=Número de la referencia

### كيفية استعمال الكتالوج

- ①=موديل المحرك  
فترة استخدام المحرك  
محرك بنزين = G، محرك ديزل = D، عدد الاسطوانات سعة المحرك الإجمالية  
الفجوة والشوط  
اسم-موديل السيارة
- ②=رقم طقم TAIHO  
③=رقم قطعة TAIHO.  
④=الكمية لكل وحدة  
⑤=موضع التركيب
- ⑥=قطر عمود الإدارة (حد أدنى)  
⑦=قطر المبني (حد أقصى)  
⑧=سُمك الجدار (حد أقصى)  
⑨=العرض (حد أقصى)  
⑩=الرقم المرجعي

### 产品的查阅方法

- ①=发动机型号  
适用发动机的年月  
G: 汽油发动机，D: 柴油发动机 气缸数 排气量 缸径×冲程  
车名
- ②=大丰套件产品号      ③=最小曲轴径  
④=大丰生产钢印号      ⑤=最大轴座径  
⑥=1台发动机的使用个数      ⑦=最大壁厚  
⑧=安装位置      ⑨=最大轴瓦宽  
⑩=参考零件号

### КАК ПОЛЬЗОВАТЬСЯ КАТАЛОГОМ

- ①=Название модели двигателя  
Период применения  
Бензиновый двигатель=G, Дизельный двигатель=D, Количество цилиндров, Рабочий  
объем, Диаметр цилиндра x Ход поршня  
Название модели автомобиля
- ②=Номер комплекта TAIHO      ③=Диаметр вала (мин.)  
④=Номер детали TAIHO      ⑤=Диаметр картера (макс.)  
⑥=Количество на единицу      ⑦=Толщина стенки (макс.)  
⑧=Монтажное положение      ⑨=Ширина (макс.)  
⑩=Справочный номер



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>1A</b> 1978~79 G4×1452CC · 77.5×77 TERCEL -AL10  <b>2A</b> 1979~83 G4×1295CC · 76×71.4 TERCEL -AL11,20  <b>3A</b> 1979~83 G4×1452CC · 77.5×77 CARINA -AA60 COROLLA-AE70 TERCEL -AL12,21 CORONA -AT140  <b>4A</b> 1982~83 G4×1587CC · 81×77 (DAIHATSU) CHARMANT-A55	<b>M022A</b>	63-043-1	10	1~5	47.98	52.04	2.005	19.90	<b>11701-15011</b> <b>11701-15010</b>
	<b>R022A</b>	64-022-1	8	1~4	39.99	43.02	1.490	17.10	<b>13041-15011</b> <b>13041-15010</b>
	<b>T022A</b>	65-022-1 65-022-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-15020</b> <b>11011-15010</b> <b>11011-01010</b> <b>11011-01011</b>
<b>2A</b> 1983~83/6 G4×1295CC · 76×71.4  <b>3A</b> 1983~83/6 G4×1452CC · 77.5×77  <b>4A</b> 1983~83/10 G4×1587CC · 81×77	<b>M043A</b>	63-043-1 63-043-2	5 5	1~5 1~5	47.98 47.98	52.04 52.04	2.005 2.005	19.90 19.90	<b>11701-16010</b> <b>11701-15050</b> <b>11701-15030</b>
	<b>R022A</b>	64-022-1	8	1~4	39.99	43.02	1.490	17.10	<b>13041-15011</b> <b>13041-15010</b>
	<b>T022A</b>	65-022-1 65-022-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-15020</b> <b>11010-15010</b> <b>11011-01010</b> <b>11011-01011</b>
<b>2A</b> 1983/7~ G4×1295CC · 76×71.4  <b>3A</b> 1983/7~ G4×1452CC · 77.5×77  <b>4A, 4A-FE</b> 1983/10~ G4×1587CC · 81×77  <b>5A, 5A-FE</b> 1987/5~ G4×1498CC · 78.7×77 COROLLA-AE91 CORONA -AT170	<b>M043A</b>	63-043-1 63-043-2	5 5	1~5 1~5	47.98 47.98	52.04 52.04	2.005 2.005	19.90 19.90	<b>11701-16010</b> <b>11701-15050</b> <b>11701-15030</b>
	<b>R043A</b>	64-043-1	8	1~8	39.99	43.02	1.490	17.10	<b>13041-16040</b> <b>13041-16010</b> <b>13041-15031</b> <b>13041-15030</b> <b>13041-01010</b>
	<b>T022A</b>	65-022-1 65-022-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-15020</b> <b>11011-15010</b> <b>11011-01010</b> <b>11011-01011</b>

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>4A-GE, 4A-GZE</b> 1987/5~ G4×1587CC · 81×77 COROLLA -AE92 SPRINTER -AE92	<b>M043A</b>	63-043-1	5	1~5	47.98	52.04	2.005	19.90	<b>11701-16010</b> <b>11701-15050</b> <b>11701-15030</b>	
		63-043-2	5	1~5	47.98	52.04	2.005	19.90		
	<b>R716H</b>	64-716-1	8	1~4	41.98	45.02	1.490	17.10	<b>13041-16071</b> <b>13041-16070</b>	
		<b>T022A</b>	65-022-1	2	3	—	—	2.490		—
	65-022-2		2	3	—	—	2.490	—	<b>11011-15020</b> <b>11011-15010</b>	
<b>4A-GE, 4A-GZE</b> 1987/5~ G4×1587CC · 81×77 COROLLA -AE92 SPRINTER -AE92	<b>P043H</b>	67-043-1	4	1~4	19.90	22.03	1.030	22.00	<b>90999-73111</b>	
	<b>7A-FE</b> 1992/6~ G4×1762CC · 81×85.5 CARINA -AT191	<b>M043A</b>	63-043-1	5	1~5	47.98	52.04	2.005	19.90	<b>11701-16010</b> <b>11701-15050</b> <b>11701-15030</b>
			63-043-2	5	1~5	47.98	52.04	2.005	19.90	
<b>7A-FE</b> 1992/6~ G4×1762CC · 81×85.5 CARINA -AT191	<b>R714A</b>	64-714-1	8	1~4	47.99	51.02	1.490	17.10	<b>13041-16090</b> <b>13041-13060</b>	
		<b>T022A</b>	65-022-1	2	3	—	—	2.490		—
	65-022-2		2	3	—	—	2.490	—	<b>11011-15020</b> <b>11011-15010</b>	
<b>1AZ-FSE</b> 2001/8~ G4×1998CC RAV4 YARIS CARDINA  <b>2AZ-FE</b> 2002/4~ G4×2362CC CAMRY HARRIER ESTIMA	<b>M724A</b>	63-724-1	5	1~5	54.99	59.02	1.996	17.00	<b>11711-28021</b> <b>11711-28020</b> <b>11711-28010</b>	
		63-724-2	5	1~5	54.99	59.02	1.996	17.00		
	<b>1AZ-FSE</b> 2001/8~ G4×1998CC RAV4 YARIS CARDINA	<b>R724A</b>	64-724-1	8	1~4	47.99	51.02	1.488	15.60	<b>13281-28011</b> <b>13281-28010</b>
			<b>T724A</b>	65-724-1	2	3	—	—	1.980	
	<b>2AZ-FE</b> 2002/4~ G4×2362CC CAMRY HARRIER ESTIMA	<b>C724A</b>		62-724-1	1	1	35.97	40.03	2.004	22.60
			62-724-(2)	1	2	35.97	40.03	2.004	23.60	
	<b>2AZ-FE</b> 2002/4~ G4×2362CC CAMRY HARRIER ESTIMA	<b>B724A</b>	68-724-1	8	1~8	22.99	26.02	1.483	22.10	<b>11911-28011</b>
<b>B</b> 1972~84 D4×2977CC · 95×105 DYNA -BU10,12,15,20 30,35 COASTER -BB19 TOYOACE -BY30 LAND CRUISER -BJ40,43,45 LITEACE -BY30  <b>2B</b> 1977~82 D4×3168CC · 100×105 DYNA -BU31,36 COASTER -BB10,11 BLIZZARD -BJ40 LAND CRUISER -BJ41,44	<b>M035A</b>	63-035-1	8	1,2,4,5	69.98	75.02	2.490	26.90	<b>11702-56010</b>	
		63-035-(2)	1	3	69.98	75.02	2.490	33.93		
		63-035-(3)	1	3	69.98	75.02	2.490	33.93		
	<b>B</b> 1972~84 D4×2977CC · 95×105 DYNA -BU10,12,15,20 30,35 COASTER -BB19 TOYOACE -BY30 LAND CRUISER -BJ40,43,45 LITEACE -BY30	<b>R035A</b>	64-035-1	8	1~4	58.98	62.02	1.490	30.00	<b>13041-56010</b> <b>13202-56010</b>
	<b>B</b> 1972~84 D4×2977CC · 95×105 DYNA -BU10,12,15,20 30,35 COASTER -BB19 TOYOACE -BY30 LAND CRUISER -BJ40,43,45 LITEACE -BY30	<b>C035L</b>	62-035-1	1	1	47.16	51.06	1.885	24.00	<b>11802-56011</b> <b>11802-56010</b>
			63-035-2	1	2	46.96	51.06	2.015	20.00	
			63-035-3	1	3	46.76	51.06	2.115	24.00	
	<b>B</b> 1972~84 D4×2977CC · 95×105 DYNA -BU10,12,15,20 30,35 COASTER -BB19 TOYOACE -BY30 LAND CRUISER -BJ40,43,45 LITEACE -BY30	<b>P035H</b>	67-035-1	4	1~4	29.00	33.03	2.030	32.00	<b>90999-73131</b> <b>90999-73121</b> <b>90999-73065</b>
<b>B</b> 1972~84 D4×2977CC · 95×105 DYNA -BU10,12,15,20 30,35 COASTER -BB19 TOYOACE -BY30 LAND CRUISER -BJ40,43,45 LITEACE -BY30	<b>P035HS</b>	67-035-1S	4	1~4	—	—	—	—	<b>90999-73131/NB</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>B</b> 1984~88/8 D4×2977CC · 95×105 DYNA COASTER LAND CRUISER	<b>M040A</b>	63-035-1	5	1~5	69.98	75.02	2.490	26.90	<b>11701-56030</b> <b>11701-56020</b> <b>11701-56010</b>
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	<b>R035A</b>	65-035-1	8	1~4	58.98	62.02	1.490	30.00	
		<b>T040A</b>	65-040-1	2	3	—	—	2.480	—
	65-040-2		2	3	—	—	2.480	—	
	<b>C040L</b> (84/8-86/6)	62-040-1	1	1	53.45	56.53	1.505	20.00	<b>11802-56020</b>
		62-040-2	1	2	53.20	56.28	1.505	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	<b>C028L</b> (86/6-88/8)	62-048-1	1	1	53.45	57.58	2.005	20.00	<b>11802-56021</b>
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
62-040-4		1	4	52.70	56.03	1.630	20.00		
62-040-5		1	5	52.45	56.28	1.880	20.00		
<b>P035H</b>	67-035-1	4	1~4	29.00	33.14	2.030	32.00	<b>90999-73131</b> <b>99099-73121</b> <b>90999-73065</b>	
	<b>P035HS</b>	67-035-1S	4	1~4	—	—	—		<b>90999-73131/NB</b>
<b>B</b> 1988/9~ D4×2977CC · 95×105 DYNA COASTER LAND CRUISER	<b>M040A</b>	63-035-1	5	1~5	69.98	75.02	2.490	26.90	<b>11701-56030</b> <b>11701-56020</b> <b>11701-56010</b>
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	<b>R028A</b>	64-028-1	8	1~4	58.98	62.02	1.490	30.00	
		<b>T040A</b>	65-040-1	2	3	—	—	2.480	—
	65-040-2		2	3	—	—	2.480	—	
	<b>C048L</b>	62-048-1	1	1	53.45	57.58	2.005	20.00	<b>11802-56030</b>
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-048-3	1	3	52.95	57.03	2.005	20.00	
		62-048-4	1	4	52.70	57.03	2.130	20.00	
		62-048-5	1	5	52.45	57.28	2.380	20.00	
	<b>P035H</b>	67-035-1	4	1~4	29.00	33.14	2.030	32.00	<b>90999-73131</b> <b>90999-73121</b> <b>90999-73065</b>
		<b>P035HS</b>	67-035-1S	4	1~4	—	—	—	
	<b>3B</b> 1980~84/6 D4×3431CC · 102×105 DYNA -BU36 COASTER -BB20 LAND CRUISER -BJ60 (DAIHATSU) DELTA -V48 (HINO) RANGER -HV48	<b>M035A</b>	63-035-1	8	1,2,4,5	69.98	75.02	2.490	26.90
63-035-(2)			1	3	69.98	75.02	2.490	33.93	
63-035-(3)			1	3	69.98	75.02	2.490	33.93	
<b>R040A</b>		64-040-1	8	1~4	60.98	64.02	1.490	30.00	<b>13041-58010</b> <b>13202-58010</b>
		<b>C035L</b>	62-035-1	1	1	47.16	51.06	1.885	
62-035-2			1	2	46.96	51.06	2.015	20.00	
62-035-3			1	3	46.76	51.06	2.115	24.00	
<b>P040H</b>		67-040-1	4	1~4	32.00	36.03	2.030	32.00	<b>90999-73132</b> <b>90999-73088</b>
		<b>P040HS</b>	67-040-1S	4	1~4	—	—	—	

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>11B</b> 1984/9~86/6 D4×2977CC · 95×105  <b>13B</b> 1984/9~86/6 D4×3431CC · 102×105	<b>M040A</b>	63-035-1	5	1~5	69.98	75.02	2.490	26.90	<b>11701-56022</b> <b>11701-56021</b> <b>11701-56020</b> <b>11701-56010</b>
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	<b>R040A</b>	64-040-1	8	1~4	60.98	64.02	1.490	30.00	<b>13041-58010</b> <b>13202-58010</b>
		<b>T040A</b>	65-040-1	2	3	—	—	2.480	
	65-040-2		2	3	—	—	2.480	—	
	<b>C040L</b>	62-040-1	1	1	53.45	56.53	1.505	20.00	<b>11802-56020</b>
		62-040-2	1	2	53.20	56.28	1.505	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
<b>P028H</b>	67-082-1	4	1~4	34.00	38.01	2.030	36.00	<b>90999-73099</b>	
<b>P028HS</b>	67-028-1S	4	1~4	—	—	—	—	<b>90999-73133/NB</b>	
<b>3B</b> 1984/9~88/8 D4×3431CC · 102×105  <b>11B</b> 1986~88/8 D4×2977CC · 95×105  <b>13B</b> 1986~88/8 G4×3431CC · 102×105  <b>13B-T</b> 1984~88/4	<b>M040A</b>	63-035-1	5	1~5	69.98	75.02	2.490	26.90	<b>11701-56021</b> <b>11701-56020</b> <b>11701-56010</b>
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	<b>R040A</b>	64-040-1	8	1~4	60.98	64.02	1.490	30.00	<b>13041-58010</b> <b>13202-58010</b>
		<b>T040A</b>	65-040-1	2	3	—	—	2.480	
	65-040-2		2	3	—	—	2.480	—	
	<b>C040L</b> (84/9-86/6)	62-040-1	1	1	53.45	56.53	1.505	20.00	<b>11802-56020</b>
		62-040-2	1	2	53.20	56.28	1.505	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	<b>C028L</b> (86/6-88/6)	62-048-1	1	1	53.45	57.58	2.005	20.00	<b>11802-56021</b>
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-040-3	1	3	52.95	56.03	1.505	20.00	
		62-040-4	1	4	52.70	56.03	1.630	20.00	
		62-040-5	1	5	52.45	56.28	1.880	20.00	
	<b>P040H</b> (FOR 3B 13B-T 84/8-88/8)	67-040-1	4	1~4	32.00	36.03	2.030	32.00	<b>90999-73132</b> <b>90999-73088</b>
<b>P040HS</b>	67-040-1S	4	1~4	—	—	—	—	<b>90999-73132/NB</b>	
<b>3B</b> 1988~ D4×3431CC · 102×105  <b>11B</b> 1988~ D4×2977CC · 95×105  <b>14B</b> 1988~ D4×3660CC · 102×112  <b>15B</b> 1993/1~99/7 D4×4104CC · 108×112 COASTER	<b>M040A</b>	63-035-1	5	1~5	69.98	75.02	2.490	26.90	<b>11701-56021</b> <b>11701-56020</b> <b>11701-56010</b>
		63-040-2	5	1~5	69.98	75.02	2.490	26.90	
	<b>R048A1</b>	64-048-1	8	1~4	61.00	64.02	1.490	29.00	<b>13041-58032</b> <b>13041-58031</b> <b>13041-58020</b> <b>13041-56040</b>
	<b>T040A</b>	65-040-1	2	3	—	—	2.480	—	<b>11011-56020</b> <b>11011-56010</b>
		65-040-2	2	3	—	—	2.480	—	
	<b>C048L</b>	62-048-1	1	1	53.45	57.58	2.005	20.00	<b>11802-56030</b>
		62-048-2	1	2	53.20	57.28	2.005	20.00	
		62-048-3	1	3	52.95	57.03	2.005	20.00	
		62-048-4	1	4	52.70	57.03	2.130	20.00	
		62-048-5	1	5	52.45	57.28	2.380	20.00	
	<b>P048H</b>	67-048-1	4	1~4	32.00	36.03	2.030	25.00	<b>90999-73124</b> <b>90999-73116</b>
		67-048(L)	—	—	—	—	—	33.00	
	<b>P048HS</b>	67-048-1S	4	1~4	—	—	—	—	<b>90999-73134/NB</b>



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>13B-T</b> 1988~90/1 D4×3431CC · 102×105  <b>14B-T</b> 1989/10~ D4×3660CC · 102×112	<b>M040A</b>	63-035-1	5	1~5	69.98	75.02	2.490	26.90	<b>11701-56022</b> <b>11701-56021</b> <b>11701-56020</b> <b>11701-56010</b>	
		63-040-2	5	1~5	69.98	75.02	2.490	26.90		
	<b>R048A1</b>	64-048-1	8	1~4	61.00	64.02	1.490	29.00		<b>13041-58032</b> <b>13041-58031</b> <b>13041-58020</b> <b>13041-56040</b>
		<b>T040A</b>	65-040-1	2	3	—	—	2.480		
	65-040-2		2	3	—	—	2.480	—		
	<b>C028L</b>	62-048-1	1	1	53.45	57.58	2.005	20.00	<b>11802-56021</b>	
		62-048-2	1	2	53.20	57.28	2.005	20.00		
		62-040-3	1	3	52.95	56.03	1.505	20.00		
		62-040-4	1	4	52.70	56.03	1.630	20.00		
		62-040-5	1	5	52.45	56.28	1.880	20.00		
	<b>C048L</b>	62-048-1	1	1	53.45	57.58	2.005	20.00	<b>11802-56030</b>	
		62-048-2	1	2	53.20	57.28	2.005	20.00		
		62-048-3	1	3	52.95	57.03	2.005	20.00		
		62-048-4	1	4	52.70	57.03	2.130	20.00		
62-048-5		1	5	52.45	57.28	2.380	20.00			
<b>P040H</b> (FOR 13B-T)	67-040-1	4	1~4	32.00	36.03	2.030	32.00	<b>90999-73132</b> <b>90999-73088</b>		
<b>P040HS</b>	67-040-1S	4	1~4	—	—	—	—	<b>90999-73132/NB</b>		
<b>1C</b> 1982/1~85 D4×1839CC · 83×85 CORONA -CT140 CARINA -CA67 SPRINTER -CE70  <b>1C-T</b> 1982/1~85 D4×1839CC · 83×85  <b>2C</b> 1982/11~85 D4×1974CC · 86×85	<b>M038A</b>	63-038-1	5	1~5	56.99	61.02	1.983	22.00	<b>11701-64030</b> <b>11701-64010</b>	
		63-038-2	5	1~5	56.99	61.02	1.983	22.00		
	<b>R038A</b>	64-038-1	8	1~4	50.49	53.52	1.478	23.70	<b>13041-64031</b> <b>13041-64030</b> <b>13041-64010</b>	
	<b>T038A</b>	65-038-1	2	3	—	—	2.730	—		
		65-038-2	2	3	—	—	2.730	—		
	<b>P038H</b>	67-038-1	4	1~4	27.00	30.03	1.530	28.00	<b>90999-73101</b> <b>90999-73091</b>	
	<b>P038HS</b>	67-038-1S	4	1~4	—	—	—	—	<b>90999-73101/NB</b>	
	<b>1C</b> 1985/5~90/8 D4×1839CC · 83×85 CORONA -CT147 CAMRY -CV10  <b>2C</b> 1985~90/8 D4×1974CC · 86×85	<b>M045A</b>	63-045-1	5	1~5	56.99	61.02	1.983	20.00	<b>11701-64050</b>
63-045-2			5	1~5	56.99	61.02	1.983	20.00		
<b>R045A</b>		64-045-1	8	1~4	50.49	53.52	1.478	18.90	<b>13041-64050</b> <b>13041-76018</b> <b>13041-76019</b> <b>13041-76020</b>	
<b>T038A</b>		65-038-1	2	3	—	—	2.730	—		
		65-038-2	2	3	—	—	2.730	—		
<b>P045H</b>		67-045-1	4	1~4	27.00	30.03	1.530	20.00	<b>90999-73138</b> <b>90999-73102</b>	
		67-045-(L)	—	—	—	—	—	28.00		
<b>P045HS</b>		67-045-1S	4	1~4	—	—	—	—	<b>90999-73138/NB</b>	

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>1C</b> 1990~93 D4×1839CC · 83×85  <b>2C</b> 1990~ D4×1974CC · 86×85  <b>3C</b> 1990~ D4×2184CC · 86×94	<b>M717A</b>	63-717-1	5	1~5	56.98	61.02	1.983	22.00	<b>11701-27012</b> <b>11701-27011</b> <b>11701-64071</b> <b>11701-64070</b> <b>11701-64040</b>  <b>13041-64071</b> <b>13041-64070</b> <b>13041-64041</b>  <b>13041-64072</b>  <b>11011-64010</b>  <b>90999-73138</b> <b>90999-73102</b>  <b>90999-73138/NB</b>
		63-717-2	5	1~5	56.98	61.02	1.983	22.00	
	<b>R717A</b> (UP TO '96)	64-717-1	8	1~4	50.49	53.52	1.478	23.10	
		<b>R718A</b> (AFTER '96)	64-718-1	8	1~4	50.49	53.52	1.482	
	<b>T038A</b>		65-038-1	2	3	—	—	2.730	
		65-038-2	2	3	—	—	2.730	—	
<b>P045H</b>	67-045-1	4	1~4	27.00	30.03	1.530	20.00		
	67-045-(L)	—	—	—	—	—	28.00		
<b>P045HS</b>	67-045-1S	4	1~4	—	—	—	—		
<b>D</b> 1959~64 D6×5890CC · 100×125 TRUCK -DC80,DA100  <b>2D</b> 1959~64 D6×6494CC · 105×125 TRUCK -DA100,DA115	<b>M033H</b>	63-030-1	12	1,2,3,5,6,7	74.97	81.06	2.998	34.00	<b>11701-76010</b>  <b>13202-77020</b> <b>13202-77010</b> <b>13202-76007</b>  <b>11801-79010</b> <b>11801-76010</b>  <b>90999-70005</b> <b>90999-70004</b>
		63-033-(1)	2	4	74.97	81.06	2.998	54.92	
	<b>R030H</b>	64-030-1	12	1~6	61.97	66.06	2.005	31.00	
	<b>C030P</b>	62-033-1	1	1	53.94	60.06	3.030	35.50	
		62-033-2	2	2,3	51.94	60.06	4.030	26.00	
		62-033-3	1	4	49.95	60.06	5.030	27.00	
	<b>P030P</b>	67-030-1	6	1~6	34.11	40.15	3.300	37.00	
	<b>D</b> 1964~74 D6×5890CC · 100×125 TRUCK -DC100,DC80  <b>2D</b> 1964~74 D6×6494CC · 105×125 TRUCK -DA100,DA115 BUS -DB90,DR10,11 FORKLIFT -FD100,150	<b>M030H</b>	63-030-1	12	1,2,3,5,6,7	74.97	81.06	2.998	
63-030-3			2	4	74.97	81.06	2.998	49.10	
<b>R030H</b> (AFTER '76)		64-030-1	12	1~6	61.97	66.06	2.005	31.00	
		<b>T030A</b>	65-030-1	2	4	—	—	2.980	—
65-030-2			2	4	—	—	2.980	—	
<b>C030P</b>		62-033-1	1	1	53.94	60.06	3.030	35.50	
		62-033-2	2	2,3	51.94	60.06	4.030	26.00	
		62-033-3	1	4	49.95	60.06	5.030	27.00	
<b>P030P</b>		67-030-1	6	1~6	34.11	40.15	3.300	37.00	
<b>2D</b> 1977~ D6×6494CC · 105×125 TRUCK -DA100,120 BUS -DR10,11,15		<b>M030H</b>	63-030-1	12	1,2,3,5,6,7	74.97	81.06	2.998	34.00
	63-030-3		2	4	74.97	81.06	2.998	49.10	
	<b>R030H</b>	64-030-1	12	1~6	61.97	66.06	2.005	31.00	
		<b>T030A</b>	65-030-1	2	4	—	—	2.980	—
	65-030-2		2	4	—	—	2.980	—	
	<b>C030L</b>	62-030-1	1	1	55.14	60.04	2.400	31.00	
		62-030-2	2	2,3	54.94	60.04	2.500	26.00	
		62-030-3	1	4	54.74	60.04	2.600	27.00	
	<b>P030H</b>	67-033-1	6	1~6	34.00	38.03	2.010	36.90	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>1DZ</b> 1990~ D4×2486CC · 86×107 FORKLIFT	<b>M713A</b>	63-713-1	5	1~5	64.99	69.02	1.983	16.30	<b>11701-78200</b> <b>11701-78201</b> <b>11701-78202</b>
		63-713-2	5	1~5	64.99	69.02	1.983	16.30	
	<b>R713A</b>	64-713-1	8	1~4	50.48	53.52	1.478	20.40	<b>13041-78200</b> <b>13041-78201</b> <b>13041-78202</b>
	<b>T712A</b> (UP TO '98)	65-712-1	2	—	—	—	2.980	—	<b>11011-78200</b>
		65-712-2	2	—	—	—	2.980	—	
	<b>T713A</b> (AFTER '98)	65-713-1	2	—	—	—	1.980	—	<b>11011-78201</b>
		62-713-2	2	—	—	—	1.980	—	
<b>C713A</b>	62-713-1	1	1	47.16	51.03	1.900	23.00	<b>11802-78202</b> <b>11802-78201</b> <b>11802-78200</b>	
	62-713-2	1	2	46.96	50.83	1.900	20.00		
	62-713-3	1	3	46.76	51.03	2.100	20.00		
<b>P713H</b>	67-713-1	4	1~4	27.00	30.03	1.530	27.30	<b>90999-73950</b>	
<b>1E</b> 1985~ G4×999CC · 70.5×64  <b>2E</b> 1985~ G4×1295CC · 73×77.4 STARLET -EP71 TERCEL -EL80  <b>4E</b> 1991~ G4×1331CC · 74×77.4 STARLET -EP82,85 TERCEL -EL41	<b>M025A</b>	63-025-1	5	1~5	46.99	51.04	1.999	16.10	<b>11701-10012</b> <b>11701-10011</b> <b>11701-10010</b>
		63-025-2	5	1~5	46.99	51.04	1.999	16.10	
	<b>R025A</b>	64-025-1	8	1~4	39.99	43.02	1.491	15.10	<b>13041-10020</b>
	<b>T025A</b>	65-025-1	2	3	—	—	2.490	—	<b>11011-10010</b> <b>11011-10011</b> <b>11011-10020</b>
		65-025-2	2	3	—	—	2.490	—	
<b>3E</b> 1985~ G4×1456CC · 73×87 TERCEL -EL31  <b>5E, 5E-FE</b> 1991~ G4×1496CC · 74×87 COROLLA II -EL43,45 TERCEL -EL43,45 CYNOS -EL44	<b>M027A1</b>	63-027-1	5	1~5	49.99	54.04	2.000	16.10	<b>11701-11012</b> <b>11701-11011</b> <b>11701-11010</b>
		63-027-2	5	1~5	49.99	54.04	2.000	16.10	
	<b>R027H</b>	64-027-1	8	1~4	42.99	46.02	1.492	15.10	<b>13041-11020</b> <b>13041-11010</b>
	<b>T027A</b>	65-002-1	2	3	—	—	2.480	—	<b>11011-11020</b>
		65-027-2	2	3	—	—	2.480	—	
<b>F</b> 1954~73 G6×3878CC · 90×101.6 TRUCK -FA100,110,115 LAND CRUISER-FJ40,43,45,55 DYNA -FC10 BUS -FB100	<b>M031A</b>	63-031-1	1	1	67.00	72.02	2.490	32.00	<b>11702-60012</b> <b>11702-60010</b>
		63-031-2	1	1	67.00	72.02	2.490	32.00	
		63-031-3	1	2	68.50	73.52	2.490	30.00	
		63-031-4	1	2	68.50	73.52	2.490	30.00	
		63-031-(5)	1	3	70.00	75.02	2.490	35.94	
		63-031-(6)	1	3	70.00	75.02	2.490	35.94	
		63-031-7	1	4	71.50	76.52	2.490	40.00	
		63-031-8	1	4	71.50	76.52	2.490	40.00	
	<b>R031A</b>	64-031-1	12	1~6	54.00	56.82	1.390	32.85	<b>13202-60011</b> <b>13202-60010</b> <b>13202-76006</b>
	<b>C031L</b>	62-031-1	1	1	47.97	52.00	2.010	29.00	<b>11802-60011</b> <b>11802-60010</b> <b>11802-76009</b>
		62-031-2	1	2	46.47	50.50	2.010	24.00	
		62-031-3	1	3	44.97	49.00	2.010	24.00	
		62-031-4	1	4	43.47	47.50	2.010	25.00	

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>F</b> 1973~75 G6×3878CC · 90×101.6 TRUCK -FA100,110,115 LAND CRUISER -FJ40,55 DYNA -FC10	<b>M036A</b>	63-036-1	1	1	66.98	72.03	2.497	32.15	<b>11702-60013</b> <b>11702-76009</b>	
		63-036-2	1	1	66.98	72.03	2.497	32.15		
		63-036-3	2	2	68.48	73.53	2.497	30.15		
		63-036-(4)	2	3	69.98	75.03	2.497	35.94		
		63-036-5	1	4	71.48	76.53	2.497	40.15		
		63-036-6	1	4	71.48	76.53	2.497	40.15		
	<b>2F</b> 1973~75 G6×4230CC · 94×101.6 TRUCK -FA101 LAND CRUISER -FJ56	<b>R031A</b>	64-031-1	12	1~6	54.00	56.82	1.390	32.85	<b>13202-60011</b> <b>13202-60010</b> <b>13202-76006</b>
		<b>C031L</b>	62-031-1	1	1	47.97	52.00	2.010	29.00	<b>11802-60011</b> <b>11802-60010</b> <b>11802-76009</b>
	62-031-2		1	2	46.47	50.50	2.010	24.00		
	62-031-3		1	3	44.97	49.00	2.010	24.00		
	62-031-4		1	4	43.47	47.50	2.010	25.00		
	<b>3F</b> 1985~ G6×3995CC · 94×95 LAND CRUISER -FJ75	<b>M044A</b>	63-036-1	1	1	66.98	72.03	2.497	32.15	<b>11701-61010</b> <b>11701-76001</b>
			63-036-2	1	1	66.98	72.03	2.497	32.15	
			63-036-3	2	2	68.48	73.53	2.497	30.15	
63-044-4			2	3	69.98	75.03	2.497	28.15		
63-044-5			1	4	71.48	76.53	2.497	40.15		
63-044-6			1	4	71.48	76.53	2.497	40.15		
<b>R044A</b>		64-044-1	12	1~6	52.99	56.02	1.490	22.00	<b>13041-35020</b> <b>13041-76006</b>	
		<b>T044A</b>	65-044-1	2	3	—	—	2.480		—
65-044-2			2	3	—	—	2.480	—		
<b>C031A</b>		62-036-1	1	1	47.97	52.00	2.000	29.00	<b>11802-61011</b> <b>11802-61010</b> <b>11802-76009</b>	
		62-036-2	1	2	46.47	50.50	2.000	24.00		
		62-036-3	1	3	44.97	49.00	2.000	24.00		
		62-036-4	1	4	43.47	47.50	2.000	23.00		
<b>P044H</b>		67-010-1	6	1~6	22.02	24.05	1.030	28.00	<b>90999-73072</b>	
<b>P044HS</b>		67-010-1S	6	1~6	—	—	—	—	<b>90999-73072/NB</b>	
<b>1FZ-FE</b> 1990~ G6×4476CC · 100×95 LAND CRUISER -FZJ80 FORKLIFT		<b>M708A1</b>	63-708-1	7	1~7	68.98	74.04	2.501	23.40	<b>11701-66031</b> <b>11701-66030</b> <b>11701-66021</b> <b>11701-66020</b>
			63-708-2	7	1~7	68.98	74.04	2.501	23.40	
		<b>R708A</b>	64-708-1	12	1~6	56.98	60.54	1.745	21.40	
	<b>T708A</b>		65-708-1	2	2	—	—	2.490	—	
		65-708-2	2	2	—	—	2.490	—		
	<b>P708H</b>	67-708-1	6	1~6	26.00	28.03	1.025	28.00	<b>90999-73135</b>	
	<b>1G-E, 1G-G, 1G-GT</b> 1980~85/3 G6×1988CC · 75×75 CRESSIDA -GX60,61,50,51 CROWN -GS110,117 CELICA -GA61 SOARER -GZ10	<b>M021A</b>	63-021-1	7	1~7	54.98	59.04	2.000	19.20	<b>11701-88300</b> <b>11701-70012</b> <b>11701-70011</b>
			63-021-2	7	1~7	54.98	59.04	2.000	19.20	
<b>R021A</b>		64-021-1	12	1~6	41.98	45.02	1.492	18.90	<b>13041-70010</b> <b>13041-88300</b>	
<b>T021A</b>		65-021-1	2	4	—	—	1.990	—		<b>11011-70010</b>
		65-021-2	2	4	—	—	1.990	—		
<b>P047H</b>		67-002-1	6	1~6	18.00	20.02	1.030	25.00	<b>90999-73070</b> <b>90999-73060</b>	
<b>P021H</b>		67-021-1	6	1~6	20.00	22.03	1.030	25.00	<b>99099-73107</b>	



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>1G-FE</b> 1985/3~88 G6×1988CC · 75×75 CRESSIDA-GX71 CROWN -GS130,131 CELICA -GA70 SOARER -GZ20	<b>M047A</b> (UP TO'98)	63-021-1	6	1,2,3,5,6,7	54.98	59.04	2.000	19.20	<b>11701-88360</b>	
		63-021-2	6	1,2,3,5,6,7	54.98	59.04	2.000	19.20	<b>11701-70022</b>	
		63-047-3	1	4	54.98	59.04	2.000	22.20	<b>11701-70013</b>	
		63-047-4	1	4	54.98	59.04	2.000	22.20	<b>11701-70021</b> <b>11701-70012</b> <b>11701-70011</b> <b>11701-63021</b> <b>11701-70020</b> <b>11701-70010</b>	
	<b>R021A</b> (UP TO'88)	64-021-1	12	1~6	41.98	45.02	1.492	18.90	<b>13041-13040</b> <b>13041-70010</b> <b>13041-88300</b>	
		<b>T021A</b>	65-021-1	2	4	—	—	1.990	—	<b>11011-70010</b>
	65-021-2		2	4	—	—	1.990	—		
	<b>1G-FE</b> 1988/5~ G6×1988CC · 75×75 CROWN -GS151	<b>M743A</b> (AFTER '98)	63-743-1	6	1,2,3,5,6,7	54.98	59.04	2.006	18.40	<b>11701-70024</b> <b>11701-70015</b>
			63-743-2	6	1,2,3,5,6,7	54.98	59.04	2.006	18.40	
63-743-3			1	4	54.98	59.04	2.006	22.20		
63-743-4			1	4	54.98	59.04	2.006	22.20		
<b>R047A</b> (AFTER '88)		64-047-1	12	1~6	43.99	47.02	1.492	17.16	<b>13041-70021</b> <b>13041-70020</b>	
<b>1GR-FE</b> 2005~ GV6×3,955CC · 94.0×95.0 LAND CRUISER PRADO -GRJ120W/121W HILUX SURF -GRN215W FJ CRUISER -GSJ15W HILUX TACOMA TUNDRA FORTUNER	<b>M736A</b>	63-736-1	2	1,4	72.01	77.02	2.491	20.00	<b>11701-31080</b> <b>11071-31050</b>	
		63-736-2	2	1,4	72.01	77.02	2.491	20.00		
		63-736-3	2	2,3	72.01	77.02	2.491	17.40		
		63-736-4	2	2,3	72.01	77.02	2.491	17.40		
	<b>R736A</b>	64-736-1	12	1~6	56.01	59.02	1.487	14.60	<b>13041-31090</b>	
		<b>T736A</b> (UP TO '09/2)	65-736-1	2	2	—	—	1.980	—	<b>11011-31040</b>
	65-736-2		2	2	—	—	1.980	—		
	<b>T737A</b> (AFTER '09/3)	65-737-1	2	2	—	—	1.980	—	<b>11011-31071</b>	
		65-737-2	2	2	—	—	1.980	—		
	<b>2GR-FSE</b> 2005~ GV6×3.456CC · 94.0×83.0 CROWN(ATHLETE) -GRS184 · 204 CROWN(HYBRID) -GWS204 IS350 -GSE21 GS350 -GRS191 GS450h -GWS191 MARK X -GRX133	<b>M738A</b>	63-738-1	2	1,4	60.99	66.02	2.503	21.00	<b>11701-31070</b> <b>11701-31040</b>
63-738-2			2	1,4	60.94	66.02	2.481	21.00		
63-738-3			2	2,3	60.94	66.02	2.478	18.00		
63-738-4			2	2,3	60.99	66.02	2.500	18.00		
<b>R738A</b>		64-738-1	12	1~6	52.96	56.02	1.484	15.00	<b>13041-31080</b>	
		<b>T738A</b>	65-738-1	2	2	—	—	2.480	—	<b>11011-31060</b>
<b>2GR-FE</b> 2006~ GV6×3.456CC · 94.0×83.0 ESTIMA -GSR50W ES350 -GSV40L BLADE -GSA33W MARK X ZIO -GGA10 ALPHARD -GGH20W RX350 -GGL15W VANGARD -GSA33W VELLFIRE -GGH20W RAV4 -GSA33L AVALON -GSX30 LOTUS EVORA		<b>M739A</b>	63-739-1	2	1,4	60.99	66.02	2.503	21.00	<b>11701-31090</b> <b>11071-31031</b>
			63-738-2	2	1,4	60.94	66.02	2.481	21.00	
			63-739-3	2	2,3	60.95	66.02	2.481	18.00	
			63-739-4	2	2,3	60.99	66.02	2.503	18.00	
	<b>R740A</b>	64-740-1	12	1~6	52.96	56.02	1.484	15.00	<b>13041-31070</b>	
		<b>T738A</b>	65-738-1	2	2	—	—	2.480	—	<b>11011-31060</b>

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>3GR</b> 2005~ GV6×2.994CC · 87.5×83.0 CROWN -GRS182 IS300 GS300	<b>M740A</b>	63-739-1	2	1,4	60.99	66.02	2.503	21.00	<b>11701-31061</b> <b>11701-31031</b>	
		63-740-2	2	1,4	60.95	66.02	2.481	21.00		
		63-739-3	2	2,3	60.95	66.02	2.481	18.00		
		63-739-4	2	2,3	60.99	66.02	2.503	18.00		
	<b>R740A</b>	64-740-1	12	1~6	52.96	56.02	1.484	15.00	<b>13041-31070</b>	
<b>T738A</b>	65-738-1	2	2	—	—	2.480	—	<b>11011-31060</b>		
<b>4GR</b> 2005~ GV6×2.499CC · 83.0×77.0 CROWN -GRS182	<b>M740A</b>	63-739-1	2	1,4	60.99	66.02	2.503	21.00	<b>11701-31061</b> <b>11701-31031</b>	
		63-740-2	2	1,4	60.95	66.02	2.481	21.00		
		63-739-3	2	2,3	60.95	66.02	2.481	18.00		
		63-739-4	2	2,3	60.99	66.02	2.503	18.00		
	<b>R741A</b>	64-741-1	12	1~6	47.97	51.02	1.487	15.00	<b>13041-31060</b>	
<b>T738A</b>	65-738-1	2	2	—	—	2.480	—	<b>11011-31060</b>		
<b>5GR</b> 2005~ GV6×2.499CC · 83.0×77.0 CROWN										
<b>H</b> 1969~80 D6×3576CC · 88×98 DYNA -HU15,30 FORKLIFT -FD30	<b>M034A</b>	63-032-1	12	1,2,3,5,6,7	69.98	74.03	1.985	22.60	<b>11702-68020</b> <b>11702-47012</b> <b>11702-47011</b> <b>11702-47010</b> <b>11702-76005</b>	
		63-034-3	2	4	69.98	74.03	1.985	29.60		
	<b>R034A</b>	64-032-1	12	1~6	54.98	58.02	1.485	25.60		<b>13041-68020</b> <b>13202-47011</b> <b>13202-76004</b>
	<b>T032A</b>	65-032-1	2	3	—	—	2.980	—		
		65-032-2	2	3	—	—	2.980	—		
	<b>C032L</b>	62-032-1	1	1	47.16	51.03	1.900	24.00	<b>11802-46010</b>	
		62-032-2	1	2	46.96	51.03	2.000	20.00		
		62-032-3	1	3	46.96	51.03	2.100	20.00		
		62-032-4	1	4	46.57	51.03	2.200	24.00		
	<b>P034H</b>	67-032-1	6	1~6	27.00	30.03	1.525	31.00	<b>90999-73083</b> <b>90999-73069</b> <b>90999-70048</b>	
	<b>P034HS</b>	67-032-1S	6	1~6	—	—	—	—	<b>90999-73083/NB</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>2H</b> 1982/4~ D6×3980CC · 91×102 DYNA -HU26,50 COASTER -HB30,36 LAND CRUISER -HJ45 FORKLIFT	<b>M034A</b>	63-032-1	12	1,2,3,5,6,7	69.98	74.03	1.985	22.60	<b>11702-68020</b> <b>11702-47012</b> <b>11702-47011</b> <b>11702-47010</b> <b>11702-76005</b>
		63-034-3	2	4	69.98	74.03	1.985	29.60	
	<b>R033A</b>	64-033-1	12	1~6	54.98	58.02	1.485	25.60	<b>13041-68050</b>
	<b>R034A</b>	64-032-1	12	1~6	54.98	58.02	1.485	25.60	<b>13041-68040</b> <b>13041-68020</b> <b>13202-47011</b> <b>13041-76012</b>
	<b>T032A</b>	65-032-1	2	3	—	—	2.980	—	<b>11011-46020</b> <b>11011-46010</b> <b>11011-76006</b>
		65-032-2	2	3	—	—	2.980	—	
	<b>C034A</b>	62-034-1	1	1	51.15	55.03	1.900	24.00	<b>11802-68011</b> <b>11802-68010</b> <b>11802-76009</b>
		62-034-2	1	2	50.95	55.03	2.000	20.00	
		62-034-3	1	3	50.75	55.03	2.100	20.00	
		62-034-4	1	4	50.55	55.03	2.200	24.00	
	<b>P015H</b>	67-015-1	6	1~6	29.00	33.03	2.030	31.00	<b>90999-73087</b>
	<b>P015HS</b>	67-015-1S	6	1~6	—	—	—	—	<b>90999-73087/NB</b>
	<b>12H-T</b> 1985/10~ D6×3980CC · 91×102 COASTER -HB30,31,36V LAND CRUISER -HJ60V	<b>M034A</b>	63-032-1	12	1,2,3,5,6,7	69.98	74.03	1.985	22.60
63-034-3			2	4	69.98	74.03	1.985	29.60	
<b>R033A</b>		64-033-1	12	1~6	54.98	58.02	1.485	25.60	<b>13041-68050</b>
<b>R034A</b>		64-032-1	12	1~6	54.98	58.02	1.485	25.60	<b>13041-68040</b> <b>13041-68020</b> <b>13202-47011</b>
<b>T034A</b>		65-034-1	2	4	—	—	2.980	—	<b>11011-68020</b>
		65-034-2	2	4	—	—	2.980	—	
<b>C034A</b>		62-034-1	1	1	51.15	55.03	1.900	24.00	<b>11802-68011</b> <b>11802-68010</b>
		62-034-2	1	2	50.95	55.03	2.000	20.00	
		62-034-3	1	3	50.75	55.03	2.100	20.00	
		62-034-4	1	4	50.55	55.03	2.200	24.00	
<b>P049H</b>		67-049-1	6	1~6	32.00	36.03	2.030	31.00	<b>90999-73108</b>

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>1HZ</b> 1988~ D6×4163CC · 94×100 LAND CRUISER -HZJ7 COASTER -HQB41  <b>1HD-T</b> 1988~ D6×4164CC · 94×100 LAND CRUISER -80 COASTER -HQB51  <b>1HD-FT</b> 1989/10~ D6×4136CC · 94×100 LAND CRUISER -HDJ80 COASTER -HQB51	<b>M707A</b>	63-706-1	7	1~7	66.98	71.02	1.980	22.10	<b>11701-17011</b>	
		63-706-2	7	1~7	66.98	71.02	1.980	22.10	<b>11701-17010</b>	
	<b>R707A</b>	64-706-1	12	1~6	58.98	62.03	1.487	23.60	<b>13041-17011</b> <b>13041-17010</b>	
		<b>T706A</b>	65-706-1	2	2	—	—	2.980	—	<b>11011-17010</b>
			65-706-2	2	2	—	—	2.980	—	
	<b>C706A</b> (FOR 1HZ,1HD-T)	62-706-1	2	1	34.97	38.04	1.504	29.00	<b>11801-17010</b>	
		<b>C709A</b> (FOR 1HD-FT)	62-707-1	2		34.97	38.03	1.504	29.00	<b>11801-17021</b>
			62-707-2	12		27.98	31.03	1.495	20.00	<b>11801-17020</b>
	<b>P707H</b> (FOR 1HZ)  <b>P707HS</b> (FOR 1HZ)  <b>P709H</b> (FOR 1HD-T)  <b>P709HS</b> (FOR 1HD-T)	67-706-1	6	1~6	29.00	32.03	1.530	27.20	<b>90999-73126</b>	
		67-706-1S	6	1~6	—	—	—	—	<b>90999-73126/NB</b>	
67-709-1		6	1~6	33.00	36.03	1.530	22.50	<b>90999-73137</b>		
67-709-(L)		—	—	—	—	—	30.50	<b>90999-73127</b>		
		67-709-1S	6	1~6	—	—	—	<b>90999-73127/NB</b>		
<b>J</b> 1965~69 D4×2366CC · 88×96 DYNA -JK170,171 FOEKLIFT -LN  <b>2J</b> 1965~70 D4×2481CC · 88×102 DYNA -JU10,12 TOYOACE -JY16	<b>M032A</b>	63-032-1	8	1,2,4,5	69.98	74.03	1.985	22.60	<b>11702-48012</b>	
		63-034-3	2	3	69.98	74.03	1.985	29.60	<b>11702-48011</b> <b>11702-48010</b> <b>11702-46010</b> <b>11702-76006</b>	
	<b>R032A</b>	64-032-1	8	1~4	54.98	58.02	1.485	25.60	<b>13202-48010</b> <b>13202-46010</b> <b>13202-76005</b>	
		<b>T032L</b>	65-032-1	2	3	—	—	2.980	—	<b>11011-46020</b>
	65-032-2		2	3	—	—	2.980	—	<b>11011-40610</b> <b>11011-76006</b>	
	<b>C032L</b>	62-032-1	1	1	47.16	51.03	1.900	24.00	<b>11802-46010</b>	
		62-032-2	1	2	46.96	51.03	2.000	20.00	<b>11802-76005</b>	
		62-032-3	1	3	46.96	51.03	2.100	20.00		
		62-032-4	1	4	46.56	51.03	2.200	24.00		
	<b>P032H</b>	67-032-1	4	1~4	27.00	30.03	1.525	31.00	<b>90999-73083</b> <b>90999-73069</b> <b>90999-70048</b>	
		<b>P032HS</b>	67-032-1S	4	1~4	—	—	—	—	<b>90999-73083/NB</b>



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>2J</b> 1971~ D4×2481CC · 88×102 DYNA -JU10,12 TOYOACE -JY16,30 FORKLIFT -FD25,28,SKD8 SHOVEL -SD17	<b>M032A</b>	63-032-1	8	1,2,4,5	69.98	74.03	1.985	22.60	<b>11702-48012</b> <b>11702-48011</b> <b>11702-48010</b> <b>11702-46010</b> <b>11702-76006</b> <b>11702-76007</b> <b>11702-76008</b>	
		63-034-3	2	3	69.98	74.03	1.985	29.60		
	<b>R032A</b>	64-032-1	8	1~4	54.98	58.02	1.485	25.60		<b>13202-48010</b> <b>13202-46010</b> <b>13202-76005</b>
		<b>T032A</b>	65-032-1	2	3	—	—	2.980		
	65-032-2		2	3	—	—	2.980	—		
	<b>C032L1</b>	62-032-1	1	1	47.16	51.03	1.900	24.00		<b>11802-48010</b> <b>11802-76006</b>
		62-032-2	1	2	46.96	51.03	2.000	20.00		
62-032-3		1	3	46.96	51.03	2.100	20.00			
62-032-5		1	4	46.56	51.03	2.200	24.00			
<b>P032H</b>	67-032-1	4	1~4	27.00	30.03	1.525	31.00	<b>90999-73083</b> <b>90999-73069</b> <b>90999-70048</b>		
	<b>P032HS</b>	67-032-1S	4	1~4	—	—	—		<b>90999-73083/NB</b>	
<b>1JZ-GE, 1JZ-GTE</b> 1991~ G6×2492CC · 86×71.5 SOARER -JZZ30 CROWN -JZS130G MARK II -JZX81,90,93 SUPRA -JZA70  <b>2JZ-GE, 2JZ-GTE</b> 1991~ G6×2997CC · 86×86 CROWN -JZS135,143,145 ARISTO -JZS147 SUPRA -JZA80	<b>M702A</b>	63-702-1	1	1	61.98	66.04	2.000	23.00	<b>11701-46020</b> <b>11071-46020</b> <b>11701-46010</b> <b>11071-46010</b>	
		63-702-2	1	1	61.98	66.04	2.000	23.00		
		63-702-3	6	2~7	61.98	66.04	2.000	20.00		
		63-702-4	6	2~7	61.98	66.04	2.000	20.00		
	<b>R702H1</b>	64-702-1	12	1~6	51.98	55.04	1.501	19.40	<b>13041-46013</b> <b>13041-46012</b> <b>13041-46011</b> <b>13041-46010</b>	
		<b>T702A</b>	65-702-1	2	—	—	—	1.990		—
	65-702-2		2	—	—	—	1.990	—		<b>11011-46030</b>
	<b>P702H</b>	67-702-1	6	1~6	22.00	24.03	1.050	26.10	<b>90999-73128</b>	
	<b>K</b> 1966~70 G4×1077CC · 75×61 COROLLA -KE10,15,16  <b>2K</b> 1970~77 G4×933CC · 72×61 PUBLICA -KP30,36 STARLET -KP40,45,60	<b>M002A</b>	63-026-1	10	1~5	49.98	54.03	1.994	20.90	<b>11702-22020</b> <b>11702-22010</b>
			<b>R026A</b>	64-021-1	8	1~4	41.98	45.02	1.492	
<b>T022A</b>		65-002-1		2	3	—	—	2.480	—	
		65-002-2	2	3	—	—	2.480	—	<b>11011-22011</b> <b>11011-22010</b>	
<b>C002L1</b>		62-002-1	1	1	43.21	48.03	2.385	18.00		<b>11802-13020</b> <b>11802-22011</b> <b>11802-22010</b>
		62-002-2	1	2	42.95	47.53	2.260	18.00		
		62-002-3	1	3	42.70	47.03	2.135	18.00		
		62-002-4	1	4	42.46	46.53	2.010	18.00		
<b>P002H</b>		67-002-1	4	1~4	18.00	20.03	1.030	25.00	<b>90999-73070</b> <b>90999-73060</b> <b>90999-70063</b>	
		<b>P002HS</b>	67-002-1S	4	1~4	—	—	—		<b>90999-73070/NB</b>

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>3K, 3K-U, 3K-J</b> 1970~83 G4×1166CC · 75×66 COROLLA -KE11,20,30,50 SPRINTER -KE17,20,25,40 STARLET -KP42,47,51,62 PUBLICA -KP31,37,38,50 LITEACE -KM10 TOWNACE -KP10 (DAIHATSU) CHARMANT -A10 CONSORTE -EP30,31,42,47	<b>M002A</b>	63-026-1	10	1~5	49.98	54.03	1.994	20.90	<b>11702-22020</b> <b>11702-22010</b>		
	<b>R026A</b>	64-021-1	8	1~4	41.98	45.02	1.492	18.90	<b>13041-13040</b> <b>13202-13010</b> <b>13202-22010</b>		
	<b>T002A</b>	65-002-1 65-002-2	2 2	3 3	— —	— —	2.480 2.480	— —	<b>11011-22011</b> <b>11011-22010</b>		
	<b>C002L1</b>	62-002-1 62-002-2 62-002-3 62-002-4	1 1 1 1	1 2 3 4	43.21 42.95 42.70 42.46	48.03 47.53 47.03 46.53	2.385 2.260 2.135 2.010	18.00 18.00 18.00 18.00	<b>11011-76001</b> <b>11011-22010</b> <b>11802-13020</b> <b>11802-22011</b> <b>11802-22010</b>		
	<b>4K</b> 1977~83 G4×1290CC · 75×73 COROLLA -KE55,71 SPRINTER -KE65,71 STARLET -KP61 LITEACE -KM10,20 TOWNACE -KR11,12	<b>P002H</b>	67-002-1	4	1~4	18.00	20.03	1.030	25.00	<b>90999-73070</b> <b>90999-73060</b> <b>90999-70063</b>	
		<b>P002HS</b>	67-002-1S	4	1~4	—	—	—	—	<b>90999-73070/NB</b>	
	<b>2K</b> 1983~ G4×993CC · 72×61 STARLET -KP60X	<b>M026A</b>	63-026-1 63-026-2	5 5	1~5 1~5	49.98 49.98	54.03 54.03	1.994 1.994	20.90 20.90	<b>11701-13012</b> <b>11701-13010</b> <b>11701-13011</b> <b>11701-76001</b>	
		<b>R026A</b>	64-021-1	8	1~4	41.98	45.02	1.492	18.90	<b>13041-13040</b> <b>13041-76001</b>	
		<b>T002A</b>	65-002-1 65-002-2	2 2	3 3	— —	— —	2.480 2.480	— —	<b>11011-22011</b> <b>11011-76001</b> <b>11011-22010</b>	
		<b>C002L1</b>	62-002-1 62-002-2 62-002-3 62-002-4	1 1 1 1	1 2 3 4	43.21 42.95 42.70 42.46	48.03 47.53 47.03 46.53	2.385 2.260 2.135 2.010	18.00 18.00 18.00 18.00	<b>11802-13020</b> <b>11802-22011</b> <b>11802-22010</b> <b>11802-76001</b>	
		<b>P002H</b>	67-002-1	4	1~4	18.00	20.03	1.030	25.00	<b>90999-73070</b> <b>90999-73060</b> <b>90999-70063</b>	
		<b>P002HS</b>	67-002-1S	4	1~4	—	—	—	—	<b>90999-73070/NB</b>	
<b>3K</b> 1983~ G4×1166CC · 75×66 TOWNACE -KR10 COROLLA -KE35,36		<b>M026A</b>	63-026-1 63-026-2	5 5	1~5 1~5	49.98 49.98	54.03 54.03	1.994 1.994	20.90 20.90	<b>11701-13012</b> <b>11701-13010</b> <b>11701-13011</b> <b>11701-76001</b>	
		<b>R026A</b>	64-021-1	8	1~4	41.98	45.02	1.492	18.90	<b>13041-13040</b> <b>13041-76001</b>	
		<b>T002A</b>	65-002-1 65-002-2	2 2	3 3	— —	— —	2.480 2.480	— —	<b>11011-22011</b> <b>11011-76001</b> <b>11011-22010</b>	
		<b>C002L1</b>	62-002-1 62-002-2 62-002-3 62-002-4	1 1 1 1	1 2 3 4	43.21 42.95 42.70 42.46	48.03 47.53 47.03 46.53	2.385 2.260 2.135 2.010	18.00 18.00 18.00 18.00	<b>11802-13020</b> <b>11802-22011</b> <b>11802-22010</b> <b>11802-76001</b>	
		<b>P002H</b>	67-002-1	4	1~4	18.00	20.03	1.030	25.00	<b>90999-73070</b> <b>90999-73060</b> <b>90999-70063</b>	
		<b>P002HS</b>	67-002-1S	4	1~4	—	—	—	—	<b>90999-73070/NB</b>	
	<b>4K</b> 1983~ G4×1290CC · 75×73 COROLLA -KE55,70,73 LITEACE -KM10,20	<b>M026A</b>	63-026-1 63-026-2	5 5	1~5 1~5	49.98 49.98	54.03 54.03	1.994 1.994	20.90 20.90	<b>11701-13012</b> <b>11701-13010</b> <b>11701-13011</b> <b>11701-76001</b>	
		<b>R714A</b>	64-714-1	8	1~4	47.99	51.02	1.490	17.10	<b>13041-16090</b> <b>13041-13060</b>	
		<b>T027A</b>	65-002-1 65-027-2	2 2	3 3	— —	— —	2.480 2.480	— —	<b>11011-11020</b> <b>11011-11010</b>	
		<b>C002L1</b>	62-002-1 62-002-2 62-002-3 62-002-4	1 1 1 1	1 2 3 4	43.21 42.95 42.70 42.46	48.03 47.53 47.03 46.53	2.385 2.260 2.135 2.010	18.00 18.00 18.00 18.00	<b>11802-13020</b> <b>11802-22011</b> <b>11802-22010</b> <b>11802-76001</b>	
		<b>5K</b> 1984~95 G4×1486CC · 80.5×73 CARINA -KA67V COROLLA -KT147V,KE74V FORKLIFT	<b>P002H</b>	67-002-1	4	1~4	18.00	20.03	1.030	25.00	<b>90999-73070</b> <b>90999-73060</b> <b>90999-70063</b>
			<b>P002HS</b>	67-002-1S	4	1~4	—	—	—	—	<b>90999-73070/NB</b>
<b>7K</b> 1992/6~ G4×1781CC · 81×85.5 TOWNACE -KR42V		<b>M026A</b>	63-026-1 63-026-2	5 5	1~5 1~5	49.98 49.98	54.03 54.03	1.994 1.994	20.90 20.90	<b>11701-13012</b> <b>11701-13010</b> <b>11701-13011</b> <b>11701-76001</b>	
		<b>R714A</b>	64-714-1	8	1~4	47.99	51.02	1.490	17.10	<b>13041-16090</b> <b>13041-13060</b>	
		<b>T027A</b>	65-002-1 65-027-2	2 2	3 3	— —	— —	2.480 2.480	— —	<b>11011-11020</b> <b>11011-11010</b>	
		<b>C002L1</b>	62-002-1 62-002-2 62-002-3 62-002-4	1 1 1 1	1 2 3 4	43.21 42.95 42.70 42.46	48.03 47.53 47.03 46.53	2.385 2.260 2.135 2.010	18.00 18.00 18.00 18.00	<b>11802-13020</b> <b>11802-22011</b> <b>11802-22010</b> <b>11802-76001</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>1KD</b> 2000/7~ D4×2982CC · 96×103 HIACE -KDH2 LAND CRUISER -KDJ9 HILUXSURF -KDN1  <b>2KD</b> 2004/8~ D4×2494CC · 96×93.8 HIACE -KDH2	<b>M720A1</b>	63-720-1	5	1~5	69.98	75.02	2.482	23.80	<b>11701-30020</b> <b>11701-67021</b>
		63-720-2	5	1~5	69.98	75.02	2.482	23.80	
	<b>R720A1</b>	64-720-1	8	1~4	58.98	62.03	1.489	24.60	<b>13041-30020</b> <b>13041-67031</b>
		<b>T720A</b>	65-720-1 65-720-2	2 2	— —	— —	— —	2.480 2.480	
	<b>P720H</b> (FOR 1KD)	67-720-1	4	1~4	33.99	37.03	1.530	22.50	<b>90999-73156</b>
		<b>P731H</b> (FOR 2KD)	67-731-1	4	1~4	34.00	37.03	1.530	
<b>1KR</b> 2006~ G3×996CC · 71×83.9 PASSO BOON VITZ AIGO IQ PEUGEOT 107 CITROEN C1	<b>M735A</b>	63-735-1	4	1~4	43.99	48.02	1.997	14.90	<b>11701-40040</b>
		63-735-2	4	1~4	43.99	48.02	1.997	14.90	
	<b>R735A</b>	64-735-1	6	1~4	40.00	43.02	1.495	13.60	<b>13041-40030</b>
		<b>T735A</b>	65-735-1	2	3	—	—	1.990	
<b>1KZ</b> 1993~ D4×2982CC · 96×103 HIACE -KZH106 LAND CRUISER -KZJ78,71 HILUXSURF -KZN130	<b>M720A1</b>	63-720-1	5	1~5	69.98	75.02	2.482	23.80	<b>11701-67021</b> <b>11701-67020</b>
		63-720-2	5	1~5	69.98	75.02	2.482	23.80	
	<b>R720A1</b>	64-720-1	8	1~4	58.98	62.03	1.489	24.60	<b>13041-67031</b> <b>13041-67030</b>
		<b>T720A</b>	65-720-1 65-720-2	2 2	— —	— —	— —	2.480 2.480	
	<b>P720H</b>	67-720-1	4	1~4	33.99	37.03	1.530	22.50	<b>90999-73136</b>
		67-720-(L)	—	—	—	—	—	—	
<b>L</b> 1978~83 D4×2188CC · 90×86 CROWN -LS100,107,117 CRESSIDA -LX40,60,67 CORONA -LT147 HIACE -LH20,24,30,40 HILUX -LN40,46 TOYOACE -LT20 BRIZZARD -LD10  <b>2L</b> 1982~83 D4×2446CC · 92×92	<b>M037A</b>	63-037-1	10	1~5	61.99	66.02	1.983	27.60	<b>11702-54010</b>
		<b>R037A</b>	64-037-1	8	1~4	52.99	56.02	1.486	
	<b>T037A</b>	65-037-1	2	3	—	—	2.480	—	
		65-037-2	2	3	—	—	2.480	—	<b>11011-54020</b> <b>11011-54010</b>
	<b>C037A</b>	62-037-1	5	1~3	35.00	38.04	1.504	20.13	<b>11802-54010</b>
		62-037-(2)	1	1	35.00	38.04	1.504	28.03	
	<b>P032H</b>	67-032-1	4	1~4	27.00	30.03	1.530	31.00	<b>90999-73083</b> <b>90999-73069</b> <b>90999-73117</b>
		<b>P032HS</b>	67-032-1S	4	1~4	—	—	—	

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>L</b> 1984~01 D4×2188CC · 90×86 CROWN -LS117V CRESSIDA -LX67V HIACE HILUX  <b>2L</b> 1983~88 D4×2446CC · 92×92 CROWN -LS126V CRESSIDA -LX70 HIACE -LH61G,61V,71B HILUX -LN66,60V BLIZZARD -LD20	<b>M042A1</b>	63-037-1	5	1~5	61.99	66.02	1.983	27.60	<b>11701-54081</b> <b>11701-54080</b> <b>11701-54061</b> <b>11701-54060</b>
		63-042-2	5	1~5	61.99	66.02	1.983	27.60	
	<b>R037A</b>	64-037-1	8	1~4	52.99	56.02	1.486	26.00	<b>13041-54013</b> <b>13041-54012</b> <b>13041-54011</b> <b>13202-54010</b>
	<b>T037A</b>	65-037-1	2	3	—	—	2.480	—	<b>11011-54020</b> <b>11011-54010</b>
			65-037-2	2	3	—	—	2.480	
	<b>C037A</b>	62-037-1	5	1~3	35.00	38.04	1.504	20.13	<b>11802-54010</b>
			62-037-(2)	1	1	35.00	38.04	1.504	
	<b>P032H</b>	67-032-1	4	1~4	27.00	30.03	1.530	31.00	<b>90999-73083</b> <b>90999-73069</b> <b>90999-73117</b>
<b>P032HS</b>	67-032-1S	4	1~4	—	—	—	—	<b>90999-73083/NB</b>	
<b>2L 2L-T</b> 1981~83 D4×2446CC · 92×92 CROWN -LS111 CRESSIDA -LX65 TOYOACE -LY31 HILUX -LY31	<b>M039A</b>	63-037-1	5	1~5	61.99	66.02	1.983	27.60	<b>110701-54040</b>
		63-039-2	5	1~5	61.98	66.02	1.983	27.60	
	<b>R039A</b>	64-039-1	8	1~4	54.98	58.02	1.485	26.00	<b>13041-54042</b> <b>13041-54041</b> <b>13041-54040</b>
	<b>T037A</b>	65-037-1	2	3	—	—	2.480	—	<b>11011-54020</b> <b>11011-54010</b>
			65-037-2	2	3	—	—	2.480	
	<b>C037A</b>	62-037-1	5	1~3	35.00	38.04	1.504	20.13	<b>11802-54010</b>
			62-037-(2)	1	1	35.00	38.04	1.504	
	<b>P039H</b>	67-039-1	4	1~4	29.00	32.03	1.530	31.00	<b>90999-73118</b> <b>90999-73094</b>
<b>P039HS</b>	67-039-1S	4	1~4	—	—	—	—	<b>90999-73118/NB</b>	
<b>2L-T</b> 1983~88 D4×2446CC · 92×92 CROWN -LS130 HILUX -LN65,56	<b>M042A1</b>	63-037-1	5	1~5	61.99	66.02	1.983	27.60	<b>11701-54081</b> <b>11701-54080</b> <b>11701-54061</b> <b>11701-54060</b>
		63-042-2	5	1~5	61.99	66.02	1.983	27.60	
	<b>R039A</b>	64-039-1	8	1~4	54.98	58.02	1.485	26.00	<b>13041-54042</b> <b>13041-54041</b> <b>13041-54040</b>
	<b>T037A</b>	65-037-1	2	3	—	—	2.480	—	<b>11011-54020</b> <b>11011-54010</b>
			65-037-2	2	3	—	—	2.480	
	<b>C037A</b>	62-037-1	5	1~3	35.00	38.04	1.504	20.13	<b>11802-54010</b>
			62-037-(2)	1	1	35.00	38.04	1.504	
	<b>P039H</b>	67-039-1	4	1~4	29.00	32.03	1.530	31.00	<b>90999-73118</b> <b>90999-73094</b>
<b>P039HS</b>	67-039-1S	4	1~4	—	—	—	—	<b>90999-73118/NB</b>	



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>L</b> 1988~ D4×2188CC · 90×86  <b>2L, 2L-T</b> 1988~ D4×2446CC · 92×92 HIACE -LH80,90 HILUX -LN85  <b>3L</b> 1988~ D4×2779CC · 96×96 TOYOACE -LY61 HILUX -LN107  <b>5L</b>  D4×2985CC · 99.5×96.0 HILUX HIACE	<b>M042A1</b>	63-037-1	5	1~5	61.99	66.02	1.983	27.60	<b>11701-54081</b> <b>11701-54080</b> <b>11701-54061</b> <b>11701-54060</b>	
		63-042-2	5	1~5	61.99	66.02	1.983	27.60		
	<b>R037A</b> (FORL,2L)	64-037-1	8	1~4	52.99	56.02	1.486	26.00		<b>13041-54024</b> <b>13041-54013</b> <b>13041-54012</b>
		<b>R039A</b> (FOR2L-T,3L,5L)	64-039-1	8	1~4	54.98	58.02	1.485		
	<b>T037A</b>	65-037-1	2	3	—	—	2.480	—	<b>11011-54020</b> <b>11011-54010</b>	
		65-037-2	2	3	—	—	2.480	—		
	<b>C042A</b>  <b>P042H</b> (FORL,2L)  <b>P042HS</b> (FORL,2L)  <b>P037H</b> (FOR2L-T,3L,5L)  <b>P037HS</b> (FOR2L-T,3L,5L)	62-042-(1)	2	3	34.96	38.04	1.504	32.63	<b>11802-54021</b> <b>11802-54020</b>	
		62-042-2	8	1,2,4,5	27.99	31.04	1.504	17.50		
		67-042-1	4	1~4	27.00	30.03	1.530	23.00	<b>90999-73114</b>	
		67-042-(L)	—	—	—	—	—	31.00		
		67-042-1S	4	1~4	—	—	—	—	<b>90999-73114/NB</b>	
		67-037-1	4	1~4	29.00	32.03	1.530	23.00	<b>90999-73115</b>	
		67-037-(L)	—	—	—	—	—	31.00		
	67-037-1S	4	1~4	—	—	—	—	<b>90999-73115/NB</b>		
	<b>M</b> 1965~76 G6×1988CC · 75×75 CROWN -MS41,46,50,51 52,56,60,62 66,70,80,82 87,90 CRESSIDA -MX20,27,30,35  <b>2M</b> 1967~72 G6×2253CC · 74.9×85.1 CROWN -MS53,55 CRESSIDA -MX12,22,28  <b>4M</b> 1972~76 G6×2563CC · 88×85 CROWN -MS63,75,85,95 CRESSIDA -MX13,23,29	<b>M005H</b>	63-005-1	7	1~7	60.00	64.04	1.998	22.13	<b>11702-45011</b> <b>11702-45010</b> <b>11702-41010</b>
			63-005-2	7	1~7	60.00	64.04	1.998	22.13	
		<b>R005H</b>	64-005-1	12	1~6	51.97	55.05	1.499	20.00	
		<b>T001H</b>	65-001-1	2	2	—	—	2.975	—	<b>11011-45010</b> <b>11011-43010</b> <b>11011-40010</b>
			65-001-2	2	2	—	—	2.975	—	
<b>C009L</b>		62-009-1	7	1~4	34.99	38.04	1.509	20.13	<b>11802-41010</b>	
		62-009-(2)	1	1	34.99	38.04	1.509	28.04		
<b>PC005L</b>		66-005-1	1	1	40.97	45.00	2.020	16.50	<b>11022-41010</b>	
		66-005-2	1	2	32.97	36.98	2.020	16.50		
<b>P005H</b>		67-005-1	6	1~6	22.00	24.03	1.030	25.00	<b>90999-73066</b>	

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>M</b> 1974~84 G6×1988CC · 75×75 CROWN -MS100,105,117 CRESSIDA-MX40,41,45 CELICA -MA45 SOARER -MZ10  <b>3M</b> 1968~70 G6×1988CC · 75×75 TOYOTA 2000GT -MF10  <b>4M, 4M-E</b> 1976~79 G6×2563CC · 88×85 CROWN -MS101,106 CRESSIDA-MX33,36,43 CELICA -MA46  <b>5M, 5M-E, 5M-GEU</b> 1980~84 G6×2759CC · 83×85 CROWN -MS112 CRESSIDA-MX63 SOARER -MZ11 CELICA -MA61	<b>M005H</b>	63-005-1	7	1~7	60.00	64.04	1.998	22.13	<b>11702-45011</b> <b>11702-45010</b> <b>11702-41010</b>
		63-005-2	7	1~7	60.00	64.04	1.998	22.13	
	<b>R005H</b>	64-005-1	12	1~6	51.97	55.05	1.499	20.00	<b>13202-45011</b> <b>13202-45010</b> <b>13202-43010</b>
	<b>T001H</b>	65-001-1	2	2	—	—	2.975	—	<b>11011-45010</b> <b>11011-43010</b> <b>11011-40010</b>
		65-001-2	2	2	—	—	2.975	—	
	<b>PC005L</b>	66-005-1	1	1	40.97	45.00	2.020	16.50	<b>11022-41010</b>
		66-005-2	1	2	32.97	36.98	20.20	16.50	
	<b>P005H</b>	67-005-1	6	1~6	22.00	24.03	1.030	25.00	<b>90999-73066</b>
<b>M</b> 1984~89 G6×1988CC · 75×75	<b>M008H</b>	63-005-1	6	2~7	60.00	64.04	1.998	22.13	<b>11701-43010</b> <b>11701-43010</b>
		63-005-2	6	2~7	60.00	64.04	1.998	22.13	
		63-008-3	1	1	60.00	64.04	1.998	25.13	
		63-008-4	1	1	60.00	64.04	1.998	25.13	
	<b>R008H</b>	64-005-1	12	1~6	51.97	55.05	1.499	20.00	<b>13202-45011</b> <b>13202-45010</b> <b>13202-43010</b>
	<b>T001H</b>	65-001-1	2	2	—	—	2.975	—	<b>11011-45010</b> <b>11011-43010</b> <b>11011-43010</b>
		65-001-2	2	2	—	—	2.975	—	
	<b>P005H</b>	67-005-1	6	1~6	22.00	24.03	1.030	25.00	<b>90999-73066</b>
<b>5M</b> 1984/7~90/8 G6×2759CC · 83×85  <b>6M</b> 1983/7~87/8 G6×2954CC · 83×91 SOARER  <b>7M</b> 1986/1~ G6×2954CC · 83×91	<b>M005H</b>	63-005-1	7	1~7	60.00	64.04	1.998	22.00	<b>11702-45011</b> <b>11702-45010</b> <b>11702-41010</b>
		63-005-2	7	1~7	60.00	64.04	1.998	22.00	
	<b>R008H</b>	64-008-1	12	1~6	51.97	55.04	1.499	20.00	<b>13041-42010</b>
	<b>T001H</b>	65-001-1	2	2	—	—	2.975	—	<b>11011-45010</b> <b>11011-43010</b> <b>11011-40010</b>
		65-001-2	2	2	—	—	2.975	—	
	<b>PC005L</b>	66-005-1	1	1	40.97	45.00	2.020	16.50	<b>11022-41010</b>
		66-005-2	1	2	32.97	36.98	2.020	16.50	
	<b>P005H</b>	67-005-1	6	1~6	22.00	24.03	1.030	25.00	<b>90999-73066</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>5M-G</b> 1984~85 G6×2759CC · 83×85  <b>6M-G</b> 1985~86 G6×2954CC · 83×91  <b>7M-G</b> 1986~93 G6×2954CC · 83×91	<b>M008H</b>	63-005-1	6	2~7	60.00	64.04	1.998	22.13	<b>11701-43010</b>	
		63-005-2	6	2~7	60.00	64.04	1.998	22.13	<b>11071-43010</b>	
		63-008-3	1	1	60.00	64.04	1.998	25.13		
		63-008-4	1	1	60.00	64.04	1.998	25.13		
	<b>R008H</b>	64-008-1	12	1~6	51.97	55.05	1.499	20.00	<b>13041-42010</b>	
		<b>T001H</b>	65-001-1	2	2	—	—	2.975	—	<b>11011-45010</b>
	65-001-2		2	2	—	—	2.975	—	<b>11011-43010</b> <b>11011-40010</b>	
	<b>PC005L</b>	66-005-1	1	1	40.97	45.00	2.020	16.50	<b>11022-41010</b>	
		66-005-2	1	2	32.97	36.98	2.020	16.50		
		<b>P005H</b>	67-005-1	6	1~6	22.00	24.03	1.030	25.00	<b>90999-73066</b>
<b>1MZ-FE</b> 1995~ GV6×2994CC · 87.5×83 HARRIER AVALON CAMRY SIENNA T-100 4-RUNNER  <b>2MZ-FE</b> 1998~ GV6×2496CC · 87.5×69.2 CAMRY	<b>M719A</b>	63-719-1	2	1,4	60.99	66.02	2.489	22.40	<b>11701-20020</b>	
		63-719-2	2	1,4	60.99	66.02	2.489	22.40	<b>11071-20020</b>	
		63-719-3	2	2,3	60.99	66.02	2.489	19.00	<b>11701-20010</b>	
		63-719-4	2	2,3	60.99	66.02	2.489	19.00	<b>11071-20010</b> <b>11701-0A010</b> <b>11071-0A010</b>	
	<b>R719A</b>	64-719-1	12		52.99	56.02	1.499	16.00	<b>13041-20010</b> <b>13041-0A010</b>	
	<b>T719A</b>	65-719-1	4	2	—	—	1.980	—	<b>11011-0A010</b> <b>11011-20020</b>	
	<b>P</b>								<b>90999-73119</b>	
	<b>1N</b> 1986~ D4×1453CC · 74×84.5 STARLET -X-NP80  <b>1N-T</b> 1988~ D4×1453CC · 74×84.5 STARLET -X-NP80 COROLLA2-X-NL50	<b>M046A</b>	63-046-1	5	1~5	49.98	54.06	2.008	18.00	<b>11701-55020</b>
			63-046-2	5	1~5	49.98	54.06	2.008	18.00	<b>11701-55010</b>
		<b>R046A</b>	64-046-1	8	1~4	43.98	47.04	1.492	17.90	<b>13041-55020</b> <b>13041-55010</b>
<b>T002A</b>		65-002-1	2	3	—	—	2.480	—	<b>11011-22011</b>	
		65-002-2	2	3	—	—	2.480	—		
<b>R046H</b>		64-046-1	4	1~4	23.50	26.53	1.530	23.80	<b>90999-73109</b>	
<b>1NZ-FE</b> 1999 G4×1496CC · 75×84.7 VITS -NCP10,13,15 PLATS -NCP12,16 YARIS FUNCARGO -NCP20,21,25  <b>2NZ-FE</b> G4×1298CC · 75×73.5 YARIS VITS -NCP10,13,15 FUNCARGO -NCP20,21,25	<b>M723A1</b>	63-723-1-1	5	1~5	45.99	50.02	1.995	16.10	<b>11701-21010</b>	
		63-723-2-1	5	1~5	45.99	50.02	1.995	16.10	<b>11701-21040</b> <b>11701-21031</b>	
	<b>R723A</b>	64-723-1-1	8	1~4	39.99	43.02	1.494	13.60	<b>13041-21020/30</b> <b>13041-21021</b>	
	<b>T715A</b>	65-715-1	2	3	—	—	2.480	—	<b>11791-22020</b> <b>11791-21010</b>	

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>3P</b> 1967~77 G4×1345CC · 76.6×73 HIACE -PH10 TOYOACE -PK32 FORKLIFT -FG7,10 SHOVEL -SG7  <b>4P</b> 1971~ G4×1493CC · 76.6×81 FORKLIFT -2FG20,3FG20 4FG20 SHOVEL -SGK6	<b>M004H</b>	63-004-1	6	1~3	51.97	56.04	2.004	29.00	<b>11702-23011</b> <b>11702-23010</b> <b>11702-76001</b>	
	<b>R004H</b>	64-004-1	8	1~4	46.97	50.04	1.504	23.00	<b>13202-23012</b> <b>13202-23011</b> <b>13202-23010</b> <b>13202-76001</b>	
	<b>T004A</b>	65-004-1 65-004-2	2 2	2 2	— —	— —	2.480 2.480	— —	<b>11011-23010</b> <b>11011-20010</b> <b>11011-76002</b>	
	<b>C004L</b>	62-004-1 62-004-2 62-004-3	1 1 1	1 2 3	46.97 46.77 46.57	51.03 51.03 51.03	2.000 2.100 2.200	24.00 20.00 24.00	<b>11802-23010</b> <b>11802-20010</b> <b>11802-76002</b>	
	<b>P004H</b>	67-004-1	4	1~4	20.00	22.05	1.030	24.00	<b>90999-73059</b> <b>90999-70001</b>	
	<b>5P</b> 1976~85 G4×2771CC · 93×102 FORKLIFT	<b>M032A</b>	63-032-1 63-034-3	8 2	1,2,4,5 3	69.98 69.98	74.03 74.03	1.985 1.985	22.60 29.60	<b>11702-48012</b> <b>11702-48011</b> <b>11702-48010</b> <b>11702-46010</b> <b>11702-76008</b> <b>11702-76007</b> <b>11702-76006</b>
		<b>R032A</b>	64-032-1	8	1~4	54.98	58.02	1.485	25.60	<b>13202-48010</b> <b>13202-76005</b>
		<b>T032A</b>	65-032-1 65-032-2	2 2	3 3	— —	— —	2.980 2.980	— —	<b>11011-46020</b> <b>11011-76006</b>
		<b>C032L1</b>	62-032-1 62-032-2 62-032-3 62-032-5	1 1 1 1	1 2 3 4	47.16 46.96 46.96 46.56	51.03 51.03 51.03 51.03	1.900 2.000 2.100 2.200	24.00 20.00 20.00 24.00	<b>11802-48010</b>
		<b>P032H</b>	67-032-1	4	1~4	27.00	30.03	1.530	31.00	<b>90999-73083</b> <b>90999-73069</b>
<b>P032HS</b>		67-032-1S	4	1~4	—	—	—	—	<b>90999-73083/NB</b>	
<b>1PZ</b> 1988~ D5×3469CC · 94×100 LAND CRUISER		<b>M706A</b>	63-706-1 63-706-2	6 6	1~6 1~6	66.98 66.98	71.02 71.02	1.980 1.980	22.10 22.10	<b>11701-17010</b>
		<b>R706A</b>	64-706-1	10	1~5	58.98	62.03	1.487	23.60	<b>13041-17010</b>
		<b>T706A</b>	65-706-1 65-706-2	2 2	2 2	— —	— —	2.980 2.980	— —	<b>11011-17010</b>
		<b>C706A</b>	62-706-1	2	1	34.97	38.04	1.504	29.00	<b>11801-17010</b>
	<b>P706H</b>	67-706-1	5	1~5	29.00	32.03	1.530	27.20	<b>90999-73126</b>	
	<b>P706HS</b>	67-706-1S	5	1~5	—	—	—	—	<b>90999-73126/NB</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>3R</b> 1960~67 G4×1897CC · 88×78 CROWN -RS40,41,46 STOUT -RK100 DYNA -RK170,175	<b>M001H</b>	63-001-1	1	1	59.99	65.04	2.497	28.00	<b>11702-40020</b>	
		63-001-2	1	1	59.99	65.04	2.497	28.00	<b>11702-40010</b>	
		63-001-3	1	2	59.99	65.04	2.497	36.00	<b>11701-40020</b>	
		63-001-4	1	2	59.99	65.04	2.497	36.00		
		63-001-5	1	3	59.99	65.04	2.497	40.00		
		63-001-6	1	3	59.99	65.04	2.497	40.00		
	<b>R001H</b>	64-001-1	8	1~4	54.99	58.05	1.504	31.00	<b>13202-40021</b> <b>13202-40020</b> <b>13202-40010</b> <b>13041-40010</b>	
	<b>T001H</b>	65-001-1	2	2	—	—	2.975	—	<b>11011-40010</b>	
		65-001-2	2	2	—	—	2.975	—		
	<b>C001L</b>	62-001-1	1	1	46.46	50.03	1.750	29.00	<b>11802-40010</b>	
		62-001-2	1	2	46.21	50.03	1.875	20.00		
		62-001-3	1	3	45.98	50.03	2.000	46.00		
		62-001-4	1	4	45.71	50.03	2.125	19.00		
		62-001-5	1	5	45.46	50.03	2.250	28.00		
	<b>P001H</b>	67-001-1	4	1~4	23.97	27.02	1.503	31.00	<b>90999-73046</b> <b>90999-70003</b>	
	<b>5R</b> 1967~69 G4×1994CC · 88×82 CROWN -RS50,56 STOUT -RK101 DYNA -RK171,176 COASTER -RU18,19	<b>M001H</b>	63-001-1	1	1	59.99	65.04	2.497	28.00	<b>11702-40020</b>
			63-001-2	1	1	59.99	65.04	2.497	28.00	<b>11702-40010</b>
			63-001-3	1	2	59.99	65.04	2.497	36.00	<b>11701-40020</b>
			63-001-4	1	2	59.99	65.04	2.497	36.00	
			63-001-5	1	3	59.99	65.04	2.497	40.00	
			63-001-6	1	3	59.99	65.04	2.497	40.00	
<b>R012H</b>		64-012-1	8	1~4	54.99	58.05	1.504	26.00	<b>13202-44012</b> <b>13202-44011</b> <b>13202-44010</b> <b>13041-44010</b>	
<b>T001H</b>		65-001-1	2	2	—	—	2.975	—	<b>11011-45010</b> <b>11011-43010</b> <b>11011-40010</b>	
		65-001-2	2	2	—	—	2.975	—		
<b>C001L</b>		62-001-1	1	1	46.46	50.03	1.750	29.00	<b>11802-40010</b>	
		62-001-2	1	2	46.21	50.03	1.875	20.00		
		62-001-3	1	3	45.98	50.03	2.000	46.00		
		62-001-4	1	4	45.71	50.03	2.125	19.00		
		62-001-5	1	5	45.46	50.03	2.250	28.00		
<b>P012H</b>		67-012-1	4	1~4	22.00	24.05	1.047	32.00	<b>90999-73064</b> <b>90999-73044</b>	
<b>P012HS</b>		67-012-1S	4	1~4	—	—	—	—	<b>90999-73064/NB</b>	



## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>5R</b> 1969~78 G4×1994CC · 88×82 CROWN -RS50,56,66 DYNA -RU10,12,15 COASTER -RU18,19	<b>M012H</b>	63-012-1	2	1	59.99	64.03	1.992	28.00	<b>11702-44020</b> <b>11702-76002</b>	
		63-012-(2)	1	2	59.99	64.03	1.992	41.98		
		63-012-4	2	3	59.99	64.03	1.992	36.00		
		63-012-(3)	1	2	59.99	64.03	1.992	41.98		
	<b>R012H</b>	64-012-1	8	1~4	54.99	58.05	1.504	26.00	<b>13202-44012</b> <b>13202-44011</b> <b>13202-44010</b> <b>13202-76002</b> <b>13202-76003</b>	
		<b>C012L</b>	62-001-1	1	1	46.46	50.03	1.750		29.00
			62-001-2	1	2	46.21	50.03	1.875		20.00
			62-012-3	1	3	45.96	50.03	2.000		46.00
			62-001-4	1	4	45.71	50.03	2.125		19.00
	62-001-5		1	5	45.46	50.03	2.250	28.00		
	<b>R012H</b>	67-012-1	4	1~4	22.00	24.05	1.047	32.00	<b>90999-73064</b> <b>90999-73044</b>	
	<b>P012HS</b>	67-012-1S	4	1~4	—	—	—	—	<b>90999-73064/NB</b>	
	<b>5R</b> 1979~ G4×1994CC · 88×82 CROWN -RS110 STOUT -RK101,110,111 DYNA -RU20,30 (DAIHATSU) DELTA -V34W,30	<b>M023A</b>	63-023-1	2	1	59.97	64.03	1.992	27.70	<b>11702-44040</b> <b>11702-44021</b> <b>11702-76004</b> <b>11702-76003</b>
			63-023-2	4	2,3	59.97	64.03	1.992	35.40	
<b>R023A</b>		64-023-1	8	1~4	54.96	58.05	1.504	25.70	<b>13202-44040</b>	
		<b>T011A</b>	65-011-1	2	3	—	—	1.990		
65-011-2			2	3	—	—	1.990	—	<b>11011-35011</b> <b>11011-35010</b> <b>11011-38010</b> <b>11011-33010</b> <b>11011-76004</b> <b>11011-76005</b>	
<b>C012L</b>		62-001-1	1	1	46.46	50.03	1.750	29.00		
		62-001-2	1	2	46.21	50.03	1.875	20.00		
		62-012-3	1	3	45.96	50.03	2.000	46.00		
		62-001-4	1	4	45.71	50.03	2.150	19.00		
		62-001-5	1	5	45.46	50.03	2.250	28.00		
<b>P012H</b>		67-012-1	4	1~4	22.00	24.05	1.047	32.00	<b>90999-73064</b> <b>90999-73044</b>	
<b>P012HS</b>		67-012-1S	4	1~4	—	—	—	—	<b>90999-73064/NB</b>	
<b>12R</b> 1971~85 G4×1587CC · 80.5×78 CORONA -RT69,87,91,106 HILUX -RN13,16,20,25 30,33,40,43 CRESSIDA -RT69 TOWNACE -RR10,11,20,21 TOYOACE -RY10,12,14 HIACE -RH10,13,16,24 30,40 (DAIHATSU) TAFTO -F20 DELTA -SV17		<b>M016A</b>	63-016-1	2	1	57.98	61.62	1.791	30.00	<b>11702-31020</b> <b>11702-31011</b>
			63-016-2	2	2	57.98	61.62	1.791	34.00	
	63-016-3		2	3	57.98	61.62	1.791	40.00		
	<b>R016A</b>	64-016-1	8	1~4	49.97	53.02	1.492	27.00	<b>13202-31020</b> <b>13202-31011</b> <b>13202-31010</b>	
		<b>T003A</b>	65-003-1	2	2	—	—	2.975		—
	65-003-2		2	2	—	—	2.975	—		<b>11011-31030</b> <b>11011-31020</b> <b>11011-31011</b> <b>11011-31010</b>
	<b>C003L</b>	62-003-1	1	1	46.46	50.02	1.770	28.00		
		62-003-2	1	2	46.21	50.02	1.895	42.00		
		62-003-3	1	3	45.96	50.02	2.020	25.00		
	<b>P003H</b>	67-003-1	4	1~4	20.00	22.02	1.030	27.00	<b>90999-73027</b>	
	<b>P003HS</b>	67-003-1S	4	1~4	—	—	—	—	<b>90999-73027/NB</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>16R</b> 1973~77 G4×1808CC · 88.5×73.5 CORONA -RT102,108,112 CRESSIDA-RX11,17,21,27  <b>18R</b> 1970~77 G4×1968CC · 88.5×80 CORONA -RT63,73,79,85 CRESSIDA-RX12,22,28 HILUX -RN14,22,27 CELICA -RA21,23,25,35	<b>M010H</b>	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	<b>11702-33011</b>	
		63-010-(3)	1	3	59.97	64.02	1.992	35.98		
		63-010-(4)	1	3	59.97	64.02	1.992	35.98		
	<b>R020H</b>	64-020-1	8	1~4	52.98	56.02	1.492	22.00	<b>13202-33011</b> <b>13202-33010</b>	
		<b>C009L</b>	62-009-1	7	1~4	34.99	38.04	1.509		20.13
	62-009-(2)		1	1	34.99	38.04	1.509	28.04		
	<b>PC009L</b>	66-009-1	1	1	45.97	49.98	8.000	25.00	<b>11022-33011</b> <b>11022-33010</b>	
		66-009-2	1	2	40.97	44.98	2.000	20.00		
	<b>P010H</b>	67-010-1	4	1~4	22.00	24.05	1.030	28.00	<b>90999-73072</b> <b>90999-73048</b>	
<b>18R-G</b> 1971~77 G4×1968CC · 88.5×80 CORONA -RT104,114 CRESSIDA-RX22 CELICA -RA21,25 CARINA -RA11,15,17  <b>19R</b> 1975~77 G4×1968CC · 88.5×80 CARINA -RA14,31 CORONA -RT103,123	<b>M010H</b>	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	<b>11702-33011</b>	
		63-010-(3)	1	3	59.97	64.02	1.992	35.98		
		63-010-(4)	1	3	59.97	64.02	1.992	35.98		
	<b>R020H</b>	64-020-1	8	1~4	52.98	56.02	1.492	22.00	<b>13202-38011</b> <b>13202-33011</b> <b>13202-33010</b>	
		<b>PC009L</b>	66-009-1	1	1	45.97	49.98	2.000		25.00
	66-009-2		1	2	40.97	44.98	2.000	20.00		
	<b>P010H</b>	67-010-1	4	1~4	22.00	24.05	1.030	28.00	<b>90999-73072</b> <b>90999-73048</b>	
		<b>P010HS</b>	67-010-1S	4	1~4	—	—	—		—
	<b>16R, 16R-U</b> 1977~79 G4×1808CC · 88.5×73.5 CORONA -RT137 CRESSIDA-RX11,17,37 HIACE -RH31,41,45,50 CARINA -RA10,16  <b>18R, 18R-U</b> 1977~ G4×1968CC · 88.5×80 CRESSIDA-RX12,15,22,28 30,31,35 CORONA -RT122,138 CLICA -RA40,45 CAMRY -RA55 HIACE -RH22G,35,45	<b>M009H</b>	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	<b>11702-33012</b>
			63-009-2	2	3	59.97	64.02	1.992	28.00	
<b>R020H</b>		64-020-1	8	1~4	52.98	56.02	1.492	22.00	<b>13202-38011</b> <b>13041-35030</b> <b>13202-33011</b>	
		<b>T011A</b>	65-011-1	2	3	—	—	1.990		—
65-011-2			2	3	—	—	1.990	—		
<b>C009L</b>		62-009-1	7	1~4	34.99	38.04	1.509	20.13	<b>11802-33010</b>	
		62-009-(2)	1	1	34.99	38.04	1.509	28.04		
<b>PC009L</b>		66-009-1	1	1	45.97	49.98	2.000	25.00	<b>11022-33011</b> <b>11022-33010</b>	
		66-009-2	1	2	40.97	44.98	2.000	20.00		
<b>P010H</b>		67-010-1	4	1~4	22.00	24.05	1.030	28.00	<b>90999-73072</b> <b>90999-73048</b>	
	<b>P010HS</b>	67-010-1S	4	1~4	—	—	—	—		<b>90999-73072/NB</b>

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>18R-GU, 18R-GEU</b> 1977~82 G4×1968CC · 88.5×80 CORONA -RT104,114,112 132,141 CELICA -RA40,45 CARINA -RA17,45 CAMRY -RA55 CRESSIDA -RX63	<b>M009H</b>	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	<b>11702-33012</b>
		63-009-2	2	3	59.97	64.02	1.992	28.00	
	<b>R020H</b>	64-020-1	8	1~4	52.98	56.02	1.492	22.00	<b>13202-38011</b> <b>13202-33011</b> <b>13202-33010</b>
		<b>T011A</b>	65-011-1	2	3	—	—	1.990	
	65-011-2		2	3	—	—	1.990	—	
	<b>PC009L</b>	66-009-1	1	1	45.97	49.98	8.000	25.00	<b>11022-33011</b> <b>11022-33010</b>
		66-009-2	1	2	40.97	44.98	2.000	20.00	
<b>P010H</b>	67-010-1	4	1~4	22.00	24.05	1.030	28.00	<b>90999-73072</b> <b>90999-73048</b>	
<b>P010HS</b>	67-010-1S	4	1~4	—	—	—	—	<b>90999-73072/NB</b>	
<b>20R</b> 1974~75 G4×2189CC · 88.5×80 CELICA -RA22,24,29 CORONA -RT105,119 HILUX -RN23,28	<b>M011H</b>	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	<b>11702-33010</b>
		63-011-1	2	3	59.97	64.02	1.992	24.00	
	<b>R011H</b>	64-011-1	8	1~4	52.98	56.02	1.492	22.00	<b>13202-38010</b>
		<b>T011A</b>	65-011-1	2	3	—	—	1.990	
	65-011-2		2	3	—	—	1.990	—	
	<b>P010H</b>	67-010-1	4	1~4	22.00	24.05	1.030	28.00	<b>90999-73072</b> <b>90999-73048</b>
<b>P010HS</b>	67-010-1S	4	1~4	—	—	—	—	<b>90999-73072/NB</b>	
<b>20R</b> 1975~82 G4×2189CC · 88.5×80 CELICA -RA42 CORONA -RT134 HILUX -RN32,37,42,47 COSTER -RB11,12	<b>M011H</b>	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	<b>11702-33010</b>
		63-011-1	2	3	59.97	64.02	1.992	24.00	
	<b>R020H</b>	64-020-1	8	1~4	52.98	56.02	1.492	22.00	<b>13041-35030</b> <b>13202-38011</b> <b>13202-33011</b>
		<b>T011A</b>	65-011-1	2	3	—	—	1.990	
	65-011-2		2	3	—	—	1.990	—	
	<b>P010H</b>	67-010-1	4	1~4	22.00	24.05	1.030	28.00	<b>90999-73072</b> <b>90999-73048</b>
<b>P010HS</b>	67-010-1S	4	1~4	—	—	—	—	<b>90999-73072/NB</b>	
<b>21R</b> 1978~81 G4×1972CC · 84×89 CELICA -RA40,56 CORONA -RT133 HIACE -RH23,33 CRESSIDA -RX41,60 <b>22R</b> 1980~81 G4×2366CC · 92×89 COASTER -RB13	<b>M011H</b>	63-009-1	8	1,2,4,5	59.97	64.02	1.992	22.00	<b>11702-33010</b>
		63-011-1	2	3	59.97	64.02	1.992	24.00	
	<b>R020H</b>	64-020-1	8	1~4	52.98	56.02	1.492	22.00	<b>13041-35030</b> <b>13202-38011</b> <b>13202-33011</b>
		<b>T011A</b>	65-011-1	2	3	—	—	1.990	
	65-011-2		2	3	—	—	1.990	—	
	<b>P010H</b>	67-010-1	4	1~4	22.00	24.05	1.030	28.00	<b>90999-73072</b> <b>90999-73048</b>
	<b>P010HS</b>	67-010-1S	4	1~4	—	—	—	—	<b>90999-73072/NB</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>22R</b> 1981~ G4×2366CC · 92×89 CRESSIDA HIACE	<b>M020H</b>	63-009-1	5	1~5	59.97	64.02	1.992	22.00	<b>11701-35030</b>
		63-020-2	5	1~5	59.97	64.02	1.992	22.00	<b>11702-38011</b>
	<b>R020H</b>	64-020-1	8	1~4	52.98	56.02	1.492	22.00	<b>13041-35030</b> <b>13202-38011</b> <b>13202-33011</b>
	<b>T020A</b>	65-020-1	2	3	—	—	2.740	—	<b>11011-35020</b>
		65-020-2	2	3	—	—	2.740	—	
<b>P010H</b>	67-010-1	4	1~4	22.00	24.05	1.030	28.00	<b>90999-73072</b> <b>90999-73048</b>	
<b>P010HS</b>	67-010-1S	4	1~4	—	—	—	—	<b>90999-73072/NB</b>	
<b>1RZ</b> 1989~ G4×1988CC · 86×86 HIACE -RZH124 HILUX -RZN147  <b>2RZ</b> 1989~ G4×2438CC · 95×86 HIACE -RZH101  <b>3RZ</b> 1995~ G4×2693CC · 95×95 TOYOACE -RZU100 GRANVIA -RCH11 HILUX -RZN169,174	<b>M703A2</b>	63-703-1	2	1,5	59.99	64.02	1.990	25.10	<b>11701-75022</b>
		63-703-2	2	1,5	59.99	64.02	1.990	25.10	<b>11701-75021</b>
		63-703-3	3	2~4	59.99	64.02	1.990	23.10	<b>11071-75021</b>
		63-703-4	3	2~4	59.99	64.02	1.990	23.10	<b>11701-75020</b> <b>11701-75010</b>
	<b>R703A</b>	64-703-1	8	1~4	52.99	56.02	1.485	19.80	<b>13041-75010</b>
	<b>R711A</b> (93/08~) (AFTER '93/8)	64-711-1	8	1~4	52.99	56.00	1.485	19.80	<b>13041-75022</b> <b>13041-75021</b> <b>13041-75020</b>
	<b>T703A</b>	65-703-1	2	2	—	—	2.490	—	<b>11011-75010</b>
		65-703-2	2	2	—	—	2.490	—	
	<b>P703H</b>	67-703-1	4	1~4	24.00	27.03	1.535	26.00	<b>90999-73129</b>
	<b>1S</b> 1981~ G4×1832CC · 80.5×90 CELICA -SA60 CARINA -SA60 CAMRY -SV10 CORONA -ST140 CRESSIDA -SX60  <b>2S</b> 1982~ G4×1995CC · 84×90 CAMRY -SV11  <b>3S-E</b> 1998~ G4×1998CC · 86×86 CARINA -ST163 CELICA -ST162 CORONA -ST162 CAMRY -SV21	<b>M024A</b>	63-024-1	4	1,2	54.99	59.04	2.000	19.20
63-024-2			4	3,4	54.99	59.04	2.000	19.20	<b>11071-63021</b>
63-024-3			1	5	54.99	59.04	1.990	22.90	<b>11701-63021</b>
63-024-4			1	5	54.99	59.04	1.990	22.90	<b>11071-63020</b> <b>11701-74040</b> <b>11701-70012</b>
<b>R024A</b>		64-024-1	8	1~4	47.99	51.02	1.488	20.40	<b>13041-63020</b>
<b>T018A</b>		65-018-1	2	3	—	—	2.490	—	<b>11011-25010</b>
		65-018-2	2	3	—	—	2.490	—	

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>3S-FE</b> 1985~ G4×1998CC · 86×86 CAMRY -SV21,25,33,35 41,43 VISTA -SV21,25,32,33 35,41,50 CORONA -ST171,183,191 203 CELICA -ST162,182,202 CARINA -ST162,182,163 202,215	<b>M024A</b>	63-024-1	4	1,2	54.99	59.04	2.000	19.20	<b>11701-88360</b>
		63-024-2	4	3,4	54.99	59.04	2.000	19.20	<b>11701-63021</b>
		63-024-3	1	5	54.99	59.04	1.995	22.90	<b>11701-70021</b>
		63-024-4	1	5	54.99	59.04	1.995	22.90	
	<b>R710A</b>	64-710-1	8	1~4	51.99	55.02	1.488	20.40	<b>13041-74040</b> <b>13041-74030</b>
		<b>T018A</b>	65-018-1	2	3	—	—	2.490	—
	65-018-2		2	3	—	—	2.490	—	<b>11011-25010</b>
	<b>P710H</b>	67-710-1	4	1~4	22.00	24.03	1.040	26.50	<b>90999-73112</b>
		<b>T710A</b>	65-710-1	2	3	—	—	2.500	—
	<b>4S-FE</b> 1992~ G4×1838CC · 82.5×86								
<b>5S-FE</b> 1992~ G4×2164CC · 87×91 CAMRY -SXV20 SEPTER -SXV10,15									
<b>1SZ-FE</b> 1999~ G4×1000CC · 69.0×66.7 VITZ,PRATZ-SCP10,SCP11	<b>M725A</b>	63-725-1	5	1~5	46.00	50.02	1.992	14.90	<b>11701-23021</b>
		63-725-2	5	1~5	46.00	50.02	1.992	14.90	<b>11701-23020</b>
	<b>M726A</b>	63-726-1	5	1~5	46.00	50.02	1.992	14.90	<b>11701-23061</b>
		63-726-2	5	1~5	46.00	50.02	1.992	14.90	<b>11701-23060</b> <b>11701-23051</b> <b>11701-23050</b>
	<b>R725A</b>	64-725-1	8	1~4	35.00	38.01	1.492	13.20	<b>13041-23021</b> <b>13041-23020</b>
	<b>T284A</b>	64-284-1	2	3	—	—	1.990	—	<b>11791-23030</b> <b>11791-23020</b>
	<b>2SZ-FE</b> 2002~ G4×1297CC · 72.0×79.6 VITZ -SCP13,SCP90 RACTIS -SCP100	<b>M726A</b>	63-726-1	5	1~5	46.00	50.02	1.992	14.90
63-726-2			5	1~5	46.00	50.20	1.992	14.90	<b>11701-23060</b> <b>11701-23051</b> <b>11701-23050</b>
<b>R726A</b>		64-726-1	8	1~4	40.00	43.01	1.492	13.20	<b>13041-23031</b> <b>13041-23030</b>
<b>T284A</b>		65-284-1	2	3	—	—	1.990	—	<b>11791-23030</b> <b>11791-23020</b>
<b>3SZ</b> 2005~ G4×1495CC · 720×918 Rush -J210 bB -QNC21	<b>M726A</b>	63-726-1	5	1~5	46.00	50.02	1.992	14.90	<b>11701-23061</b>
		63-726-2	5	1~5	46.00	50.02	1.992	14.90	<b>11701-23060</b> <b>11701-23051</b> <b>11701-23050</b>
	<b>R727A</b>	64-727-1	8	1~4	42.00	45.01	1.487	13.20	<b>13041-B1021</b>
	<b>T284A</b>	65-284-1	2	3	—	—	1.980	—	<b>11791-23030</b> <b>11791-23020</b>



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>T</b> 1970~71 G4×1407CC · 80×70 COROLLA -TE20,25 CARINA -TA10 CELICA -TA20  <b>2T</b> 1970~71 G4×1588CC · 85×70 CELICA -TA22 CARINA -TA12	<b>M018H</b>	63-018-1	8	1,2,4,5	57.98	62.02	2.004	20.93	<b>11702-25020</b> <b>11702-25011</b> <b>11702-25010</b>		
		63-018-(2)	1	3	57.98	62.02	1.996	30.93			
		63-018-(3)	1	3	57.98	62.02	1.996	30.93			
	<b>R018HS</b>	64-018-1	8	1~8	47.98	51.02	1.492	18.90	<b>13202-18030</b> <b>13202-25010</b>		
		<b>C018L</b>	62-018-1	1	1	46.46	50.03	1.750		18.00	<b>11802-25011</b> <b>11802-25010</b>
	62-018-2		1	2	46.21	49.78	1.772	16.00			
	62-018-3		1	3	45.96	49.03	1.520	18.00			
	62-018-4		1	4	45.71	49.28	1.772	16.00			
	62-018-5		1	5	45.46	49.53	2.018	18.00			
	<b>T</b> 1971~79 G4×1407CC · 80×70 COROLLA -TE20,25,30,50 CARINA -TA10,15,16 CELICA -TA20  <b>2T</b> 1971~81 G4×1588CC · 85×70 CELICA -TA22,27,35 CARINA -TA12,14,17,18 19,30,40 CORONA -TT100,106,110 120,137 COROLLA -TE21,27,31,37 38,51,55,71 TOWNACE -TR10,11 (DAIHATSU) DELTA -TB10V,TB11V	<b>M019H</b>	63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-25013</b> <b>11702-25012</b>	
<b>R018H2</b>			64-018-1	8	1~4	47.98	51.02	1.492	18.90		<b>13202-18030</b> <b>13202-25010</b>
		<b>T018A</b>	65-018-1	2	3	—	—	2.490	—	<b>11011-25010</b>	
			65-018-2	2	3	—	—	2.490	—		
<b>C018L</b>		62-018-1	1	1	46.46	50.03	1.750	18.00	<b>11802-25011</b> <b>11802-25010</b>		
		62-018-2	1	2	46.21	49.78	1.772	16.00			
		62-018-3	1	3	45.96	49.03	1.520	18.00			
		62-018-4	1	4	45.71	49.28	1.772	16.00			
		62-018-5	1	5	45.46	49.53	2.018	18.00			
		<b>2T-G</b> 1970~71 G4×1588CC · 85×70 CARINA -TA12 CELICA -TA22	<b>M018H</b>	63-018-1	8	1,2,4,5	57.98	62.02		2.004	20.93
63-018-(2)				1	3	57.98	62.02	1.996	30.93		
63-018-(3)				1	3	57.98	62.02	1.996	30.93		
<b>R018H2</b>			64-018-1	8	1~4	47.98	51.02	1.492	18.90	<b>13202-88260</b> <b>13202-25010</b>	
	<b>C018L</b>		62-018-1	1	1	46.46	50.03	1.750	18.00		<b>11802-25011</b> <b>11802-25010</b>
62-018-2			1	2	46.21	49.78	1.772	16.00			
62-018-3			1	3	45.96	49.03	1.520	18.00			
62-018-4			1	4	45.71	49.28	1.772	16.00			
62-018-5			1	5	45.46	49.53	2.018	18.00			
<b>2T-G</b> 1970~81 G4×1588CC · 85×70 CARINA -TA12,17,61 CELICA -TA22,40,45 COROLLA -TE27,31,37,51 47,61,65	<b>M019H</b>		63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-88261</b> <b>11702-88260</b> <b>11702-27012</b>	
		<b>R018H2</b>	64-018-1	8	1~4	47.98	51.02	1.492	18.90		<b>13202-88260</b> <b>13202-18030</b> <b>13202-25010</b>
	<b>T018A</b>		65-018-1	2	3	—	—	2.490	—		
			65-018-2	2	3	—	—	2.490	—		

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>2T-G</b> 1981~85 G4×1588CC · 85×70 CARINA -TA61 CELICA -TA61 COROLLA -TE71	<b>M019H</b>	63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-88261</b> <b>11702-88260</b> <b>11702-27012</b>
	<b>R019H1</b>	64-019-1	8	1~4	47.98	51.02	1.492	18.90	<b>13202-88281</b>
	<b>T018A</b>	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-25010</b>
<b>3T</b> 1977~81 G4×1770CC · 85×78 CARINA -TA42,47 CELICA -TA42,47 CORONA -TT121,132,142 CRESSIDA -TX30,40 COROLLA -TE72 CAMRY -TA57	<b>M019H</b>	63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-25013</b> <b>11702-25012</b>
	<b>R018H2</b>	64-018-1	8	1~4	47.98	51.02	1.492	18.90	<b>13202-18030</b> <b>13202-25010</b>
	<b>T018A</b>	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-25010</b>
	<b>C018L</b>	62-018-1	1	1	46.46	50.03	1.750	18.00	<b>11802-25011</b>
		62-018-2	1	2	46.21	49.78	1.772	16.00	<b>11802-25010</b>
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
62-018-5		1	5	45.46	49.53	2.018	18.00		
<b>3T</b> 1981~85 G4×1770CC · 85×78 CARINA -TA63 CELICA -TA63 CORONA -TT142	<b>M019H</b>	63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-25013</b> <b>11702-25012</b>
	<b>R019H1</b>	64-019-1	8	1~4	47.98	51.02	1.492	19.00	<b>13041-18011</b> <b>13041-18010</b>
	<b>T018A</b>	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-25010</b>
	<b>C018L</b>	62-018-1	1	1	46.46	50.03	1.750	18.00	<b>11802-25011</b>
		62-018-2	1	2	46.21	49.78	1.772	16.00	<b>11802-25010</b>
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
62-018-5		1	5	45.46	49.53	2.018	18.00		
<b>3T-G</b> 1982~85 G4×1770CC · 85×78 CARINA CELICA CORONA	<b>R019H1</b>	64-019-1	8	1~4	47.98	51.02	1.492	19.00	<b>13041-88281</b> <b>13041-18011</b> <b>13041-18010</b>
	<b>T018A</b>	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-25010</b>
<b>4T-G</b> 1982~83 G4×1770CC · 85×78									
<b>12T</b> 1976~81 G4×1588CC · 85×70 CARINA -TA31,41,49 CELICA -TA41 CORONA -TT125,130,138 COROLLA -TE49,52,56,66 67,73 TOWNACE -TR11	<b>M019H</b>	63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-25013</b> <b>11702-25012</b>
	<b>R018H2</b>	64-018-1	8	1~4	47.98	51.02	1.492	18.90	<b>13202-18030</b> <b>13202-25010</b>
	<b>T018A</b>	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-25010</b>
	<b>C018L</b>	62-018-1	1	1	46.46	50.03	1.750	18.00	<b>11802-25011</b>
		62-018-2	1	2	46.21	49.78	1.772	16.00	<b>11802-25010</b>
		62-018-3	1	3	45.96	49.03	1.520	18.00	
		62-018-4	1	4	45.71	49.28	1.772	16.00	
62-018-5		1	5	45.46	49.53	2.018	18.00		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>12T</b> 1981~85 G4×1588CC · 85×70 CARINA -TA67 CORONA -TT147	<b>M019H</b>	63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-25013</b> <b>11702-25012</b>
	<b>R019H1</b>	64-018-1	8	1~4	47.98	51.02	1.492	19.00	<b>13041-18011</b> <b>13041-18010</b>
	<b>T018A</b>	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-25010</b>
	<b>C018L</b>	62-018-1 62-018-2 62-018-3 62-018-4 62-018-5	1 1 1 1 1	1 2 3 4 5	46.46 46.21 45.96 45.71 45.46	50.03 49.78 49.03 49.28 49.53	1.750 1.772 1.520 1.772 2.018	18.00 16.00 18.00 16.00 18.00	<b>11802-25011</b> <b>11802-25010</b>
<b>13T</b> 1978~81 G4×1770CC · 85×78 CARINA -TA46 CORONA -TT131 CRESSIDA -TX40,47,50 COROLLA -TE70 TOWNACE -TR15 LITEACE -TM20	<b>M019H</b>	63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-25013</b> <b>11702-25012</b>
	<b>R018H2</b>	64-018-1	8	1~4	47.98	51.02	1.492	18.90	<b>13202-18030</b> <b>13202-25010</b>
	<b>T018A</b>	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-25010</b>
	<b>C018L</b>	62-018-1 62-018-2 62-018-3 62-018-4 62-018-5	1 1 1 1 1	1 2 3 4 5	46.46 46.21 45.96 45.71 45.46	50.03 49.78 49.03 49.28 49.53	1.750 1.772 1.520 1.772 2.018	18.00 16.00 18.00 16.00 18.00	<b>11802-25011</b> <b>11802-25010</b>
<b>13T</b> 1981~85 G4×1770CC · 85×78 CRESSIDA -TX67 TOWNACE -TR15,20 LITEACE -TM20	<b>M019H</b>	63-018-1	10	1~5	57.98	62.02	2.004	20.93	<b>11702-25013</b> <b>11702-25012</b>
	<b>R019H1</b>	64-019-1	8	1~4	47.98	51.02	1.492	19.00	<b>13041-18011</b> <b>13041-18010</b>
	<b>T018A</b>	65-018-1 65-018-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-25010</b>
	<b>C018L</b>	62-018-1 62-018-2 62-018-3 62-018-4 62-018-5	1 1 1 1 1	1 2 3 4 5	46.46 46.21 45.96 45.71 45.46	50.03 49.78 49.03 49.28 49.53	1.750 1.772 1.520 1.772 2.018	18.00 16.00 18.00 16.00 18.00	<b>11802-25011</b> <b>11802-25010</b>
<b>1TR-FE</b> 2003~ G4×1998CC · 86.0×86.0 HIACE-TRH100,112,200 DYNA -TRY230 COMFORT-TSS13  <b>2TR-FE</b> 2004~ G4×2693CC · 95.0×95.0 HIACE -TRH200,224 HILUX -TRN215W PRADO -TRJ120,125 FORTUNER-TGN61L	<b>M729A1</b>	63-729-1 63-729-2	5 5	1~5 1~5	60.00 60.00	64.02 64.02	1.990 1.990	21.10 21.10	<b>11701-75031</b> <b>11701-0C010</b>
	<b>R729A</b>	64-729-1	8	1~4	53.02	56.02	1.487	15.60	<b>13041-75050</b> <b>13041-75040</b> <b>13041-75030</b>
	<b>T729A</b>	65-729-1 65-729-2	2 2	3 3	— —	— —	2.490 2.490	— —	<b>11011-75020</b>

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>2TZ-FE</b> 1990~ G4×2438CC · 95×86 ESTIMA -TCR10,11,21	<b>M703A2</b>	63-703-1	2	1,5	59.99	64.02	1.990	25.10	<b>11701-75022</b>	
		63-703-2	2	1,5	59.99	64.02	1.990	25.10	<b>11071-75022</b>	
		63-703-3	3	2~4	59.99	64.02	1.990	23.10	<b>11701-75021</b>	
		63-703-4	3	2~4	59.99	64.02	1.990	23.10	<b>11071-75021</b>	
	<b>R703A</b>	64-703-1	8	1~4	52.99	56.02	1.485	19.80	<b>13041-75010</b>	
		<b>T703A</b>	65-703-1	2	2	—	—	2.490	—	<b>11011-75010</b>
			65-703-2	2	2	—	—	2.490	—	
	<b>P703H</b>	67-703-1	4	1~4	24.00	27.03	1.535	26.00	<b>90999-73129</b>	
	<b>1UR-FE</b> 2005~ V8×4608CC · 94.0×83.0 LEXUS LS 460 & LS 460L LEXUS GS 460 LEXUS GX 460 LAND CRUISER SEQUOIA TUNDRA	<b>M718A</b>	63-748-1	2	1,5	66.99	72.02	2.491	22.50	<b>11071-38010</b>
			63-748-2	3	2,3,4	66.99	72.02	2.515	21.00	<b>11072-38010</b>
63-748-3			3	2,3,4	66.99	72.02	2.504	21.00		
63-748-4			2	1,5	66.99	72.02	2.504	22.50		
<b>R748A</b>		64-748-1	16	1~8	52.98	56.02	1.492	17.00	<b>13041-38070</b>	
<b>T748A</b>		65-748-1	2	3	—	—	2.500	—	<b>11011-38050</b>	
		65-748-2	2	3	—	—	2.500	—		
<b>1UR-FSE</b> 2007~ V8×4608CC · 94.0×83.0 LEXUS LS 460 & LS 460L LEXUS GS 460 CROWN MAJESTA										
<b>2UR-FSE</b> 2008~ V8×4968CC · 94.0×89.5 LEXUS LS 600h & LS 600h L										
<b>2UR-GSE</b> 2008~ V8×4968CC · 94.0×89.5 LEXUS IS-F	<b>M748A</b>	63-748-1	2	1,5	66.99	72.02	2.491	22.50	<b>11071-38010</b>	
		63-748-2	3	2,3,4	66.99	72.02	2.515	21.00	<b>11072-38010</b>	
		63-748-3	3	2,3,4	66.99	72.02	2.504	21.00		
		63-748-4	2	1,5	66.99	72.02	2.504	22.50		
	<b>R749A</b>	64-749-1	16	1~8	52.98	56.02	1.486	17.00	<b>13041-38081</b>	
	<b>T748A</b>	65-748-1	2	3	—	—	2.500	—	<b>11011-38050</b>	
		65-748-2	2	3	—	—	2.500	—		
	<b>3UR-FE</b> 2007~ V8×5663CC · 94.0×102.1 TUNDRA SEQUOIA LAND CRUISER 200 SERIES LEXUS LX 570	<b>M748A</b>	63-748-1	2	1,5	66.99	72.02	2.491	22.50	<b>11071-38010</b>
63-748-2			3	2,3,4	66.99	72.02	2.515	21.00	<b>11072-38010</b>	
63-748-3			3	2,3,4	66.99	72.02	2.504	21.00		
63-748-4			2	1,5	66.99	72.02	2.504	22.50		
<b>R750A</b>		64-750-1	16	1~8	52.98	59.02	1.492	17.00	<b>13041-38060</b>	
<b>T748A</b>		65-748-1	2	3	—	—	2.500	—	<b>11011-38050</b>	
		65-748-2	2	3	—	—	2.500	—		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>2UZ-FE</b> 1998~ GV8×4,663CC · 94.0×84.0 LAND CRUISER-UZJ100 -UZJ200(~09.4) 4RUNNER-N210 TUNDRA- SEQUOIA- GX470 -UZJ120 LX470 -UZJ100	<b>M733A</b>	63-733-1	2		67.01	72.02	2.490	22.50	<b>11701-50032</b>	
		63-733-2	2		67.01	72.02	2.490	22.50	<b>11701-55021</b>	
		63-733-3	3		67.02	72.02	2.484	19.50		
		63-733-4	3		67.02	72.02	2.484	19.50		
	<b>R733A</b>	64-733-1	16	1~8	52.01	55.02	1.490	19.50	<b>13041-50031</b>	
		<b>T733A</b>	65-733-1	2		—	—	2.490	—	<b>11011-50010</b>
	65-733-2		2		—	—	2.490	—		
	<b>1VZ-FE</b> 1987~ GV6×1992CC · 78×69.5 CAMRY -VZV20,31	<b>M029H</b>	63-029-1	1	1	63.99	68.03	1.994	22.00	<b>11701-62022</b>
			63-029-2	1	1	63.99	68.03	1.994	22.00	<b>11071-62020</b>
			63-029-3	3	2,3,4	63.99	68.03	1.994	20.00	<b>11701-62021</b>
63-029-4			3	2,3,4	63.99	68.03	1.994	20.00	<b>11071-62020</b> <b>11071-62020</b> <b>11071-62010</b> <b>11071-62010</b>	
<b>R029H</b>		64-029-1	12	1~6	47.99	51.02	1.488	17.00	<b>13041-62010</b>	
		<b>T029A</b>	65-029-1	2	2	—	—	2.490	—	<b>11011-62010</b>
65-029-2			2	2	—	—	2.490	—		
<b>3VZ-E</b> 1987~ GV6×2959CC · 87.5×82 HILUX -VZN30		<b>M704A1</b>	63-029-1	1	1	63.99	68.03	1.994	22.00	<b>11071-62022</b>
	63-029-2		1	1	63.99	68.03	1.994	22.00	<b>11071-65011</b>	
	63-704-3		3	2~4	63.99	68.03	1.994	20.00	<b>11701-62021</b>	
	63-704-4		3	2~4	63.99	68.03	1.994	20.00	<b>11071-62021</b> <b>11071-65010</b> <b>11071-65010</b> <b>11071-65010</b> <b>11071-65010</b>	
	<b>R704A</b>	64-704-1	12	1~6	54.99	58.02	1.488	16.95	<b>13041-65020</b> <b>13041-65011</b> <b>13041-65010</b>	
		<b>T029A</b>	65-029-1	2	2	—	—	2.490	—	<b>11011-62010</b>
	65-029-2		2	2	—	—	2.490	—		
	<b>2VZ-FE</b> 1988~ GV6×2507CC CAMRY LEXUS -ES250  <b>3VZ-FE</b> 1991~ GV6×2959CC · 87.5×82 SEPTER -VCB15  <b>4VZ-FE</b> 1987~ GV6×2496CC · 87.5×69.2 CAMRY -VZV32,33	<b>M029H</b>	63-029-1	1	1	63.99	68.03	1.994	22.00	<b>11701-62021</b>
			63-029-2	1	1	63.99	68.03	1.994	22.00	<b>11701-62020</b>
			63-029-3	3	2,3,4	63.99	68.03	1.994	20.00	<b>11071-62011</b>
63-029-4			3	2,3,4	63.99	68.03	1.994	20.00	<b>11701-62022</b> <b>11071-62020</b> <b>11701-62010</b> <b>11071-62010</b>	
<b>R705H</b>		64-705-1	12	1~6	54.99	58.02	1.488	17.00	<b>13041-62020</b>	
		<b>T029A</b>	65-029-1	2	2	—	—	2.490	—	<b>11011-62010</b>
65-029-2			2	2	—	—	2.490	—		
<b>P704H</b> (FOR 3VZ-FE)		67-704-1	6	1~6	22.00	24.03	1.050	23.00	<b>90999-73130</b>	



## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>5VZ-FE</b> 1994~ GV6×3378CC · 93.5×82 GRND HIACE-VCHLOW T100 TACOMA	<b>M704A1</b>	63-029-1	1	1	63.99	68.03	1.994	22.00	<b>11071-62022</b>	
		63-029-2	1	1	63.99	68.03	1.994	22.00	<b>11071-65011</b>	
		63-704-3	3	2~4	63.99	68.03	1.994	20.00		
		63-704-4	3	2~4	63.99	68.03	1.994	20.00		
	<b>R709H</b>	64-709-1	12	1~6	54.99	58.02	1.488	16.95	<b>13041-62030</b>	
	<b>T029A</b>	65-029-1	2	2	—	—	2.490	—	<b>11011-62010</b>	
		65-029-2	2	2	—	—	2.490	—		
	<b>P704H</b>	67-704-1	6	1~6	22.00	24.03	1.050	23.00	<b>90999-73130</b>	
	<b>1W</b> 1983~ D4×4009CC · 104×118 DYNA -WU50,75D	<b>M216H</b>	63-216-1	10	1~5	72.94	78.00	2.493	25.13	<b>11701-78010</b>
		<b>R216H</b>	64-216-1	4	1~4	61.94	66.00	1.997	28.13	<b>13041-78010</b>
64-216-2			4	1~4	61.94	66.00	1.997	28.13		
<b>T216H</b>		65-216-1	2	4	—	—	2.500	—	<b>11011-78010</b>	
		65-216-2	2	4	—	—	2.500	—		
<b>C216L</b>		62-216-1	1	1	56.95	60.03	1.500	27.00	<b>11801-78010</b>	
		62-216-2	1	2	56.75	59.83	1.500	27.00		
		62-216-3	1	3	56.55	59.63	1.500	27.00		
<b>P216H</b>		67-216-1	4	1~4	34.99	39.03	1.992	29.80	<b>90999-73095</b>	
		67-216-(L)	—	—	—	—	—	38.00	<b>90999-73010</b>	
<b>Y</b> 1983~ G4×1626CC · 86×70 LITEACE -YM20,25 TOWNACE -YM25,26  <b>2Y</b> 1983~ G4×1812CC · 86×78 LITEACE -YM55,60 CRESSIDA-YX76  <b>3Y</b> 1983~ G4×1998CC · 86×86 HILUX -YN60  <b>4Y</b> 1989~ G4×2237CC · 91×86 HILUX -YN60,63	<b>M041A</b>	63-041-1	5	1~5	57.99	62.02	1.990	20.93	<b>11701-71020</b>	
		63-041-2	5	1~5	57.99	62.02	1.990	20.93	<b>11701-76013</b>	
	<b>R041A</b>	64-041-1	8	1~4	47.99	51.02	1.490	19.90	<b>13041-71021</b> <b>13041-71020</b>	
	<b>T018A</b>	65-018-1	2	3	—	—	2.490	—	<b>11011-25010</b>	
		65-018-2	2	3	—	—	2.490	—		
	<b>C041A</b>	62-041-1	1	1	46.46	50.03	1.770	18.00	<b>11802-73010</b>	
		62-041-2	1	2	46.21	49.78	1.770	16.00	<b>11802-71010</b>	
		62-041-3	1	3	45.96	49.03	1.520	18.00		
		62-041-4	1	4	45.71	49.32	1.770	16.00		
		62-041-5	1	5	45.46	49.53	2.020	18.00		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>1Z</b> 1990~ D4×2953CC · 96×102 FORKLIFT	<b>M721A</b>	63-721-1	5	1~5	73.99	78.02	1.985	25.60	<b>11701-78300</b>
		63-721-2	5	1~5	73.99	78.02	1.985	25.60	
	<b>R032A</b>	64-032-1	8	1~4	54.98	58.02	1.485	25.60	<b>13281-68020</b> <b>13041-76014</b> <b>13041-76013</b> <b>13041-76012</b>
	<b>T721A</b>	65-721-1	2	—	—	—	2.480	—	<b>11011-78300</b>
		65-721-2	2	—	—	—	2.480	—	
	<b>C721A</b>	62-721-1	1	1	51.15	55.23	2.000	22.00	<b>11802-78301</b>
		62-721-2	1	2	50.95	51.23	2.100	22.00	
62-721-3		1	3	50.75	55.43	2.300	24.00		
<b>C719A</b>	62-721-1	1	1	51.15	55.23	2.000	22.00	<b>11802-78300</b>	
	62-034-2	1	2	50.95	55.03	2.000	20.00		
	62-719-3	1	3	50.75	55.03	2.100	24.00		
<b>P721H</b>	67-721-1	4	1~4	32.00	36.03	2.030	31.00	<b>90384-32951</b> <b>90384-32950</b>	
<b>2Z</b> 1994~ D4×3469CC FORKLIFT 6FD28,30 7FD20,30	<b>M727A</b>	63-727-1	5	1~5	73.99	78.02	1.985	22.50	<b>11701-78700</b>
		63-727-2	5	1~5	73.99	78.02	1.985	22.50	
	<b>R032A</b>	64-032-1	8	1~4	54.98	58.02	1.485	25.60	<b>13041-68040</b> <b>13041-76012</b>
<b>11Z</b> 1990~ D6×4429CC · 96×102 FORKLIFT	<b>M722A</b>	63-721-1	7	1~7	73.99	78.02	1.985	25.60	<b>11701-78330</b> <b>11701-78300</b>
		63-721-2	7	1~7	73.99	78.02	1.985	25.60	
	<b>R034A</b>	64-032-1	12	1~6	54.98	58.02	1.485	25.60	<b>13041-76014</b> <b>13041-76013</b> <b>13041-76012</b>
	<b>T721A</b>	65-721-1	2	—	—	—	2.480	—	<b>11077-78300</b>
		65-721-2	2	—	—	—	2.480	—	
	<b>C722A</b>	62-722-1	1	1	51.35	55.43	2.000	24.00	<b>11802-78330</b>
		62-721-1	1	2	51.15	55.23	2.000	22.00	
62-721-2		1	3	50.95	51.23	2.100	22.00		
62-721-3		1	4	50.75	55.43	2.300	24.00		
<b>P722H</b>	67-721-1	6	1~6	32.00	36.03	2.030	31.00	<b>90384-32951</b> <b>90384-32950</b>	
<b>13Z</b> 1996~ D4×4616CC FORKLIFT 6FD45 7FD30,40,45	<b>M728A</b>	63-727-1	7	1~5	73.99	78.02	1.985	22.50	<b>11701-78700</b>
		63-727-2	7	1~5	73.99	78.02	1.985	22.50	
	<b>R034A</b>	64-032-1	12	1~6	54.98	58.02	1.485	25.60	<b>13041-76014</b> <b>13041-76013</b> <b>13041-76012</b>

## TOYOTA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>1ZR-FE</b> 2006~ G4×1,598cc · 80.5×78.5 CORROLA -ZRE120 · 151 AURIS -ZRE151	<b>M734A1</b>	63-734-1	5	1~5	47.99	52.02	1.997	17.20	<b>11701-37010</b> <b>11701-37020</b>		
		63-734-2	5	1~5	47.99	52.02	1.997	17.20			
	<b>R734A</b>	64-734-1	8	1~4	44.01	47.02	1.493	14.50	<b>13041-37010</b> <b>13281-37010</b>		
	<b>T715A</b>	65-715-1	2	3	—	—	2.480	—			
<b>2ZR-FE</b> 2006~ G4×1,797cc · 80.5×88.3 ALLION -ZRT260/265 PREMIO -ZRT260/265 COROLLA -ZRE142/152 COROLLA AXIO -ZRE142/144 COROLLA FIELDER -ZRE142/144 COROLLA RUMIOM -ZRE152/154 AURIS -ZRE152/154 YARIS -ZSP90 ist -ZSP110 MATRIX -ZRE142 SCIOM XD-ZSP110 PONTIAC VIBE -ZRE142	<b>C734A</b>	62-734-1	2	1	34.47	37.53	1.514	23.30	<b>11811-37010</b> <b>11821-37010</b>		
		62-734-2	2	1	34.47	37.53	1.514	23.30			
	<b>3ZR-FE</b> 2007~ G4×1,986cc · 80.5×97.6 NOAH -ZRR70W-APXSP VOXY -ZRR70W-BPXSP	<b>M734A1</b>	63-734-1	5	1~5	47.99	52.02	1.997	17.20	<b>11701-37010</b> <b>11701-37010</b>	
			63-734-2	5	1~5	47.99	52.02	1.997	17.20		
		<b>R744A</b>	64-744-1	8	1~4	46.99	50.02	1.493	14.50	<b>13041-37030</b> <b>13281-37030</b>	
		<b>T715A</b>	65-715-1	2	3	—	—	2.480	—		
	<b>3ZR-FAE</b> 2007~ G4×1,986cc · 80.5×97.6 NOAH -ZRR70W-APXSP VOXY -ZRR70W-BPXSP PREMIO -ZRR261-AEXGP ALLION -ZRT261-CEXGP WISH -ZGE22W-HWXQP Isis -ZGM11W-AWXSP	<b>C734A</b>	62-734-1	2	1	34.47	37.53	1.514	23.30	<b>11811-37010</b> <b>11821-37010</b>	
			62-734-2	2	1	34.47	37.53	1.514	23.30		
		<b>1ZZ-FE</b> 1997~ G4×1794CC · 79×91.5 MATRIX AVENSIS	<b>M715A</b>	63-715-1	5	1~5	47.99	52.02	1.997	17.00	<b>11701-22011</b> <b>11701-0D010</b> <b>11701-22010</b> <b>11071-22010</b>
				63-715-2	5	1~5	47.99	52.02	1.997	17.00	
			<b>R715A</b>	64-715-1	8	1~4	43.99	47.02	1.488	15.70	
	<b>T715A</b>	65-715-1	2	3	—	—	2.480	—			
	<b>P</b>								<b>11791-22020</b> <b>11011-22020</b> <b>90999-73140</b>		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>A10 (100A)</b> 1966~ G4×988CC · 73×59 SUNNY -B10,20,VB10 CHERRY -E10,VE10,KE10 C20,VC20 PULSAR -BLN10	<b>M061H</b>	63-060-1	2	1,3	49.95	53.67	1.835	22.10	<b>12207-M7701</b> <b>12207-M7700</b> <b>12207-18012</b>	
		63-060-2	2	1,3	49.95	53.67	1.835	22.10		
		63-060-(4)	1	2	49.95	53.67	1.835	26.95		
		63-060-(5)	1	2	49.95	53.67	1.835	26.95		
	<b>R060H</b>	64-060-1	8	1~4	44.96	48.02	1.503	19.60	<b>12111-20900</b> <b>12111-20910</b>	
	<b>C060L</b>	62-060-1	1	1	43.73	47.03	1.580	23.50	<b>13002-H1020</b> <b>13002-18000</b>	
		62-060-2	1	2	43.28	46.52	1.580	14.00		
		62-060-3	1	3	42.79	46.02	1.580	14.00		
		62-060-4	1	4	42.29	45.52	1.580	14.00		
		62-060-5	1	5	41.22	44.46	1.580	14.00		
<b>A12 (120A)</b> 1970~ G4×1171CC · 73×70 SUNNY -B120,LB210 CHERRY -F10,KF10,F11 PULSAR -KPLE10,LN10  <b>A13</b> 1975~81 G4×1270CC · 76×76  <b>A14 (140A,140J)</b> 1974~82 G4×1397CC · 76×82 SUNNY -HB211,310 CHERRY -KPF10 PULSAR -HN10  <b>A15 (150Y)</b> 1980~ G4×1487CC · 76×82 SUNNY -HLB11,KLB11 WHLB11,PB310 VANETTE -VPC22,VPJC22	<b>M060H</b>	63-060-1	2	1,5	49.95	53.67	1.835	22.10	<b>12207-M7201</b> <b>12207-M7200</b> <b>12207-M5601</b> <b>12207-M5600</b> <b>12207-H1001</b> <b>12207-H1000</b>	
		63-060-2	2	1,5	49.95	53.67	1.835	22.10		
		63-060-3	4	2,4	49.95	53.67	1.835	18.10		
		63-060-(4)	1	3	49.95	53.67	1.835	26.95		
		63-060-(5)	1	3	49.95	53.67	1.835	26.95		
	<b>R060H</b>	64-060-1	8	1~4	44.96	48.02	1.503	19.60	<b>12111-20910</b> <b>12111-20900</b>	
	<b>C060L</b>	62-060-1	1	1	43.73	47.03	1.580	23.50	<b>13002-H1020</b>	
		62-060-2	1	2	43.28	46.52	1.580	14.00		
		62-060-3	1	3	42.79	46.02	1.580	14.00		
		62-060-4	1	4	42.29	45.52	1.580	14.00		
		62-060-5	1	5	41.22	44.46	1.580	14.00		
	<b>CA16</b> 1979~91 G4×1598CC · 78×83.6 BLUEBIRD-RJ910 STANZA -T11,FT11 AUSTER -KT11  <b>CA18</b> 1981~ G4×1809CC · 83×83.6 BLUEBIRD-VJ910 STANZA -PT11 PRAIRIE -PM10  <b>CA20</b> 1981~ G4×1973CC · 84.5×83.6 BLUEBIRD-YU11 CEDRIC -VNY30	<b>M083H</b>	63-083-1	4	1,2,4,5	52.95	56.68	1.829	22.10	<b>12207-01E00</b> <b>12207-D0200</b>
			63-083-2	4	1,2,4,5	52.95	56.68	1.829	22.10	
			63-083-(3)	1	3	52.95	56.68	1.829	27.94	
			63-083-(4)	1	3	52.95	56.68	1.829	27.94	
		<b>R083H</b>	64-083-1	8	1~4	44.96	48.01	1.500	18.60	<b>12111-03E00</b> <b>12111-D4200</b> <b>12111-D4201</b> <b>12111-D4202</b> <b>12111-01E00</b> <b>12111-D0210</b> <b>12111-D0200</b>

# NISSAN

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>CD17</b> 1982~ D4×1680CC · 80×83.6 SUNNY -SB11,WSB11 VSB11 PULSAR -VSB11	<b>M083H</b> (UP TO '83/7)	63-083-1	4	1,2,4,5	52.95	56.68	1.829	22.10	<b>12207-D0200</b>	
		63-083-2	4	1,2,4,5	52.95	56.68	1.829	22.10		
		63-083-(3)	1	3	52.95	56.68	1.829	27.94		
		63-083-(4)	1	3	52.95	56.68	1.829	27.94		
	<b>M095A</b> (AFTER '83/7)	63-095-1	4	1,2,4,5	52.94	56.68	1.828	20.10	<b>12207-57J00</b>	
		63-095-2	4	1,2,4,5	53.94	56.68	1.828	20.10	<b>12207-54A00</b>	
		63-095-(3)	1	3	54.94	56.68	1.828	27.94	<b>12261-54A00</b>	
		63-095-(4)	1	3	55.94	56.68	1.828	27.94		
	<b>R083H</b>	64-083-1	8	1~4	44.96	48.01	1.500	18.60	<b>12111-16A00</b>	
	<b>CD20</b> 1990~ G4×1973CC · 84.5×88 VANETTE -KVC23,KVNC23 VVJC23	<b>M095A</b>	63-095-1	4	1,2,4,5	52.94	56.68	1.828	20.10	<b>12207-57J00</b> <b>12261-54A00</b>
			63-095-2	4	1,2,4,5	52.94	56.68	1.828	20.10	
			63-095-(3)	1	3	52.94	56.68	1.828	27.94	
63-095-(4)			1	3	52.94	56.68	1.828	27.94		
<b>R095A</b>		64-095-1	8	1~4	49.95	53.01	1.498	20.10	<b>12111-22J00</b> <b>12111-22J01</b> <b>12111-22J02</b>	
<b>D11</b> 1966~78 G4×1138CC · 73×68 FORKLIFT -FG001,003,103  <b>D12</b> 1968~70 G4×1198CC · 73×71.6 CABSTAR -A320		<b>M055H</b>	63-055-1	4	1,3	52.29	56.03	1.840	30.10	<b>12263-B0801</b> <b>12263-19900</b>
	63-055-2		2	2	52.29	56.03	1.840	34.10		
	<b>R055H</b>	64-055-1	8	1~4	43.96	47.02	1.505	25.10	<b>12111-B0801</b>	
	<b>T051H</b>	65-051-1	2	2	—	—	2.300	—	<b>12280-B5225</b>	
		65-051-2	2	2	—	—	2.300	—		
	<b>E10</b> 1981~91 G4×988CC · 73×59  <b>E13</b> 1981~91 G4×1270CC · 76×70 SUNNY -B11 PULSAR -RPN12,EUN10 ADVAN -VB11  <b>E15, E15E</b> 1981~91 G4×1487CC · 76×82 SUNNY -HB11 PULSAR -MN10 PRAIRE -BM10  <b>E16</b> 1983~88 G4×1597CC · 76×88	<b>M068H</b>	63-068-1	4	1,5	49.95	53.67	1.835	22.10	<b>12207-17M00</b> <b>12207-11M00</b> <b>12207-01M00</b>
			63-068-2	4	2,4	49.95	53.67	1.835	18.10	
			63-068-(3)	2	3	49.95	53.67	1.835	26.95	
<b>R068H</b>		64-068-1	8	1~4	39.95	43.01	1.500	17.00	<b>12111-17M20</b> <b>12111-17M00</b> <b>12111-11M21</b> <b>12111-11M20</b> <b>12111-11M00</b>	



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>G16 (160K)</b> 1972~75 G4×1593CC · 85×70.2 SKYLINE -C110,KC110  <b>G18 (180K)</b> 1969~75 G4×1815CC · 85×80 LAUREL -C20,130,KC130 SKYLINE -PC10,110  <b>G20</b> 1970~74 G4×1990CC · 89×80 LAUREL -PC30,KPC130	<b>M071H</b>	63-071-1	10	1~5	55.97	61.01	2.495	28.10	<b>12215-78510</b>	
	<b>R071H</b>	64-071-1	8	1~4	49.97	53.02	1.495	23.00	<b>12150-29910</b>	
	<b>T071H</b>	65-071-1	2	2	—	—	1.970	—	<b>12280-78510</b>	
			65-071-2	2	2			1.970		
<b>GA13</b> 1990~ G4×1295CC · 71×81.8  <b>GA14</b> 1988~ G4×1392CC  <b>GA15</b> 1987~ G4×1497CC · 73.6×88 SUNNY -FB13,WFNY10 PULSAR -FN14  <b>GA16</b> 1986~ G4×1596CC · 76×88 SUNNY -EB13 PULSAR -EN14 TSURU -B13(MEXICO)	<b>M094A</b>	63-094-1 63-094-2	5 5	1~5 1~5	49.96 49.96	53.67 53.67	1.830 1.830	16.10 16.10	<b>12207-53Y00</b> <b>12207-50Y00</b> <b>12207-77A10</b> <b>12207-77A00</b>	
	<b>R094A</b>	64-094-1	8	1~4	39.97	43.01	1.505	17.10	<b>12111-53Y00</b> <b>12111-50Y00</b> <b>12111-77A00</b>	
	<b>T094A</b>	65-094-1	2	—	—	—	1.970	—	<b>12280-53Y00</b> <b>12280-77A00</b>	
<b>H20 (200C)</b> 1967~82 G4×1982CC · 87.2×83 JUNIOR -140,141,L140 CIVILIAN -GH240,340 CAB-ALL -C240,340,341 CARAVAN -PE20,PSE20,21 CLIPER -R655,RT140 HOMY -PE20,PGE23 FORKLIFT -FG004,005	<b>M053H1</b>	63-053-1 63-053-2 63-053-(3)	4 4 2	1,5 2,4 3	62.94 62.94 62.94	66.67 66.67 66.67	1.835 1.835 1.835	28.00 22.00 33.95	<b>12207-E0702</b> <b>12207-78400</b> <b>12207-78200</b>	
	<b>R052H</b>	64-052-1	8	1~4	51.96	55.02	1.505	24.13	<b>12111-P5112</b> <b>12111-P5110</b> <b>12111-P5100</b> <b>12111-12210</b>	
	<b>C052L</b>	62-052-1 62-052-2 62-052-3	1 1 1	1 2 3	45.43 43.90 41.22	48.66 47.14 44.45	1.575 1.575 1.575	24.00 22.00 24.00	<b>13002-71204</b> <b>13002-71200</b> <b>13002-32200</b>	
	<b>P052H</b>	67-052-1	4	1~4	21.99	24.02	1.012	28.50	<b>12030-32200</b>	
	<b>P052HS</b>	67-052-1S	4	1~4	—	—	—	—	<b>12030-32200/NB</b>	
<b>HR15DE</b> 2004~ G4×1498CC · 78×78.4 TIIDA -C11 WINGROAD-Y12 MARCH -K12 NOTE -E11 CUBE -Z11 BLUEBIRD SYLPHY -G11 JUKE SUNNY -B17	<b>M1056A</b>	63-1056-1	10	1~5	47.97	52.01	2.005	16.10	<b>12215-BC20A</b>	
	<b>R1056A</b>	64-1056-1 64-1056-2	4 4	1~4 1~4	39.96 39.96	43.01 43.01	1.510 1.510	15.00 15.00	<b>12150-BC20C</b>	
	<b>T1056A</b>	65-1056-1	2	2	—	—	1.950	—	<b>12280-BC20A</b>	

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>J</b> 1965~69 G4×1299CC · 73×77.6 BLUEBIRD-P441,PL441 WP441,VP441 TRUCK -520,521,620	<b>M051H</b>	63-051-1	6	1~3	50.81	54.52	1.830	31.13	<b>12231-13200</b>	
	<b>R051H</b>	64-051-1	8	1~4	47.64	51.35	1.830	22.13	<b>12111-16700</b> <b>12111-B3000</b> <b>12111-09405</b>	
	<b>T051H</b>	65-051-1 65-051-2	2 2	2 2	— —	— —	2.300 2.300	— —	<b>12280-B5225</b> <b>12280/1-B3000</b> <b>12280/1-13200</b>	
	<b>C051L</b>	62-051-1 62-051-2 62-051-3	1 1 1	1 2 3	45.53 43.91 41.22	48.66 47.14 44.45	1.575 1.575 1.575	37.30 22.00 20.70	<b>13002-B5000</b> <b>13002-13200</b>	
<b>J13</b> 1970~75 G4×1299CC · 73×77.6 TRUCK -521,620  <b>J15 (E20)</b> 1971~79 G4×1483CC · 78×77.6 CARAVAN -SE20 HOMY -F20,VF20 TRUCK -N521,NL620 GN620,UN620 GL620,GNL620 KNG620,UN512 620 FORKLIFT -FG205,NF025 CABSTAR -PA321,F20,UF20  <b>J16 (E20)</b> 1972~85 G4×1567CC · 78×82 CARAVAN -VE20,GKE20 HOMER -T20,ML720 MLF720  <b>J18</b>	<b>M059H</b>	63-059-1	6	1~3	50.81	54.52	1.830	28.13	<b>12231-01W00</b> <b>12231-B5000</b> <b>12231-A3801</b> <b>12231-K20G2</b>	
	<b>R051H</b>	64-051-1	8	1~4	47.64	51.35	1.830	22.13	<b>12111-16700</b> <b>12111-B3000</b> <b>12111-09405</b>	
	<b>R059H</b> (FOR J18)	64-059-1	8	1~4	47.64	51.35	1.830	20.10	<b>12111-515RP</b>	
	<b>R069H1</b> (FOR MEXICO)	64-069-1	8	1~4	47.63	50.67	1.500	20.10	<b>12111-24WG0</b>	
	<b>T051H</b>	65-051-1 65-051-2	2 2	2 2	— —	— —	2.300 2.300	— —	<b>12280-B5225</b>	
	<b>C051L</b>	62-051-1 62-051-2 62-051-3	1 1 1	1 2 3	45.53 43.91 41.22	48.66 47.14 44.45	1.575 1.575 1.575	37.30 22.00 20.70	<b>13002-B5000</b> <b>13002-13200</b>	
	<b>KA24</b> 1988~ G4×2388CC PICK UP	<b>M084H1</b>	63-084-1	4	1,2,4	59.95	63.67	1.835	19.00	<b>12207-40F00</b> <b>12261-40F00</b>
			63-084-2	4	1,2,4	59.95	63.67	1.835	19.00	
			63-084-(3)	1	3	59.95	63.67	1.835	26.95	
			63-084-(4)	1	3	59.95	63.67	1.835	26.95	
<b>R084H</b>		64-084-1	8	1~4	49.96	53.01	1.508	20.00	<b>12111-53F00</b> <b>12111-40F00</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>L13</b> 1967~70 G4×1296CC · 83×59.9 BLUEBIRD-510,W510,V510	<b>M054H</b>	63-054-1	2	1,5	54.94	58.67	1.835	26.13	<b>12207-W3400</b> <b>12207-23001</b> <b>12207-23000</b>
		63-054-2	2	1,5	54.94	58.67	1.835	26.13	
		63-054-3	4	2,4	54.94	58.67	1.835	24.13	
		63-054-(4)	2	3	54.94	58.67	1.835	31.95	
<b>L14 (140J)</b> 1970~77 G4×1428CC · 83×66 BLUEBIRD-N510,VN510 VIOLET -JK710,J710 SUNNY -PB110,PB210	<b>R054H1</b>	64-054-1	8	1~4	49.96	53.01	1.500	22.13	<b>12111-V0715</b> <b>12111-V0705</b> <b>12111-V0700</b> <b>12111-F5100</b> <b>12111-73400</b> <b>12111-21000</b>
<b>L16 (160B)</b> 1967~89 G4×1595CC · 83×73.7 BLUEBIRD-P510,WP510 VP510,V610 K610,L610 LJ810,TJ910 SKYLINE -BC111,VEC110 STANZA -GPA10 AUSTER -PA10Y SUNNY -GB211									
<b>L18 (180B, 180K)</b> 1970~81 G4×1770CC · 85×78 BLUEBIRD-H510,P610 WP610,LPL810 PJ811,PLJ810 SKYLINE -HC111,PC210 SILVIA -S10 LAUREL -BC131,PC230									
<b>L20 (200C, 200L)</b> 1966~87 G6×1998CC · 78×69.7 BLUEBIRD-KG610,RG810 CEDRIC -130,230,331 FAIRLADY -SS30,31,130 LAUREL -HC130,131,231 SKYLINE -GC10,110,210	<b>M057H</b>	63-054-1	2	1,7	54.94	58.67	1.835	26.13	<b>12207-73400</b>
		63-057-2	2	1,7	54.94	58.67	1.835	26.13	
		63-054-3	4	2,3,5,6	54.94	58.67	1.835	24.13	
		63-057-4	4	2,3,5,6	54.94	58.67	1.835	24.13	
		63-054-(4)	1	4	54.94	58.67	1.835	31.95	
		63-057-(6)	1	4	54.94	58.67	1.835	31.95	
	<b>R057H1</b>	64-054-1	12	1~6	49.96	53.01	1.500	22.13	<b>12111-V0700</b> <b>12111-73400</b>
<b>L24 (240C, 240L, 240Z)</b> 1972~87 G6×2393CC · 83×73.7 FAIRLADY -HS30,430,810 240Z SUNNY -PB110,PB210									
<b>L26 (260C, 260Z)</b> 1972~78 G6×2565CC · 83×79 CEDRIC -KHF230 FAIRLADY -RS30 LAUREL -MC130,KMC130									
<b>L28 (280C, 280Z)</b> 1975~ G6×2753CC · 86×79 CEDRIC -P330,331,430 FAIRLADY -HS130 LAUREL -SC130,NC130									

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>L20B</b> 1974~80 G4×1952CC · 85×86 TRUCK -PL80,510,620 720,810,200SX	<b>M066H2</b>	63-066-1	1	1	59.94	63.66	1.835	26.13	<b>12207-U6001</b> <b>12207-U6000</b>	
		63-066-2	1	5	59.94	63.66	1.835	26.13		
		63-066-3	2	1,5	59.94	63.66	1.835	26.13		
		63-066-4	2	2,4	59.94	63.66	1.835	24.13		
		63-066-5	2	2,4	59.94	63.66	1.835	24.13		
		63-066-(6)	1	3	59.94	63.66	1.835	31.95		
		63-066-(7)	1	3	59.94	63.66	1.835	31.95		
	<b>R054H1</b>	64-054-1	8	1~4	49.96	53.01	1.495	22.13	<b>12111-V0700</b> <b>12111-73400</b>	
	<b>L20E (200K, 200L), L20A</b> 1980~ G6×1998CC · 78×69.7 CEDRIC -K430,P430,V431 FAIRLADY -S130,GS130 LAUREL -HC31,HJC31 SKYLINE -HR30,RHR30	<b>M057H</b>	63-054-1	2	1,7	54.94	58.67	1.835	26.13	<b>12207-73400</b>
			63-057-2	2	1,7	54.94	58.67	1.835	26.13	
63-054-3			4	2,3,5,6	54.94	58.67	1.835	24.13		
63-057-4			4	2,3,5,6	54.94	58.67	1.835	24.13		
63-054-(4)			1	4	54.94	58.67	1.835	31.95		
63-057-(6)			1	4	54.94	58.67	1.835	31.95		
<b>R086H</b>		64-083-1	12	1~6	44.97	48.01	1.500	18.60	<b>12111-D0200</b> <b>12111-D0210</b>	
<b>LD20, LD20T</b> 1978~83 D4×1952CC · 85×86 SKYLINE -VSJR30,VSC211 BLUEBIRD -KEJ910 LAUREL -KSJC31 VANETTE -EC120,EGC120		<b>M066H2</b>	63-066-1	1	1	59.94	63.66	1.835	26.13	<b>12207-U6000</b> <b>12207-U6001</b>
			63-066-2	1	5	59.94	63.66	1.835	26.13	
			63-066-3	2	1,5	59.94	63.66	1.835	26.13	
	63-066-4		2	2,4	59.94	63.66	1.835	24.13		
	63-066-5		2	2,4	59.94	63.66	1.835	24.13		
	63-066-(6)		1	3	59.94	63.66	1.835	31.95		
	63-066-(7)		1	3	59.94	63.66	1.835	31.95		
	<b>R054H1</b>	64-054-1	8	1~4	49.96	53.01	1.495	22.13	<b>12111-V0700</b> <b>12111-73400</b>	
	<b>P054H</b> (*78/4~82/9)	67-054-1	4	1~4	24.99	28.02	1.497	26.70	<b>12030-V0700</b>	
	<b>LD20</b> 1983~ D4×1952CC · 85×86	<b>M069H1</b>	63-069-1	2	1,5	59.94	63.66	1.835	22.10	<b>12215-G5525~8</b> <b>12231-G5525~8</b> <b>12247-G5525~8</b> <b>12207-05E00</b>
63-069-2			4	1,2,4,5	59.94	63.66	1.835	22.10		
63-069-3			2	2,4	59.94	63.66	1.835	22.10		
63-066-(6)			1	3	59.94	63.66	1.835	31.95		
63-066-(7)			1	3	59.94	63.66	1.835	31.95		
<b>R054H1</b>			64-054-1	8	1~4	49.96	53.01	1.495	22.13	
<b>LD28 (280C)</b> 1980~86 D6×2792CC · 84.5×83 SKYLINE -EJ910 CEDRIC -H430		<b>M057H</b>	63-054-1	2	1,7	54.94	58.67	1.835	26.13	<b>12207-73400</b>
	63-057-2		2	1,7	54.94	58.67	1.835	26.13		
	63-054-3		4	2,3,5,6	54.94	58.67	1.835	24.13		
	63-057-4		4	2,3,5,6	54.94	58.67	1.835	24.13		
	63-054-(4)		1	4	54.94	58.67	1.835	31.95		
	63-057-(6)		1	4	54.94	58.67	1.835	31.95		
	<b>R057H1</b>	64-054-1	12	1~6	49.96	53.01	1.495	22.13	<b>12111-V0700</b> <b>12111-73400</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>MA09</b> 1988~92 G4×933CC · 66×68  <b>MA10</b> 1982~91 G4×987CC · 68×68  <b>MA10ET</b> 1985~91 G4×987CC · 68×68  <b>MA10S</b> 1982~ G4×987CC · 68×68 MARCH -K10,Y10	<b>M093A</b>	63-093-1	5	1~5	44.94	49.02	2.004	17.10	<b>12223-21B00</b> <b>12215-21B00</b> <b>12215-01B10</b> <b>12216-01B10</b>  <b>12111-17B00</b> <b>12111-01B11</b> <b>12111-01B10</b> <b>12111-01B00</b>  <b>12280-01B00</b> <b>12280-01B01</b>	
		63-093-2	5	1~5	44.94	49.02	2.004	17.10		
	<b>R093A</b>	64-093-1	8	1~4	39.94	43.01	1.500	15.10		
		<b>T093A</b>	65-093-1	2	4	—	—	1.970		—
<b>MR18DE</b> 2004~ G4×1797CC · 84×81.1 TIIDA -JC11,SC11 WINGROAD -Y12 AD EXPERT -Y12 LIVINA GENISS CUBE  <b>MR20DE</b> 2004~ G4×1997CC · 84×90.1 LAFESTA -B30 SERENA -C25 BLUEBIRD SILFY -G11 SENTRA -B16 DUALIS/QASHQAI -J10 X-TRAIL -T31 RENAULT MEGANE SCENIC FLUENCE LAGUNA	<b>M1054A</b>		63-1054-1	10	1~5	52.00	56.01	1.990	17.10	<b>12215-CK800</b>  <b>12150-CK80A</b>  <b>12280-CK825</b>
		<b>R1054A</b>	64-1054-1	4	1~4	44.00	47.01	1.495	16.10	
			64-1054-2	4	1~4	44.00	47.01	1.495	16.10	
	<b>T1054A</b>	65-1054-1	2	2	—	—	2.100	—		
<b>NA16S</b> G4×1627CC DATSUN -D21 ATLAS -F22 · F23	<b>M1057A</b>	63-070-1	4	1,2,4,5	54.95	58.65	1.835	19.00	<b>12207-85G00</b> <b>12261-84G00</b>  <b>12111-85G00</b>	
		63-070-2	4	1,2,4,5	54.95	58.65	1.835	19.00		
		63-1057-(3)	1	3	54.95	58.65	1.835	31.95		
		63-1057-(4)	1	3	54.95	58.65	1.835	31.95		
	<b>R070A</b>	64-070-1	8	1~4	49.98	53.01	1.502	22.00		
<b>NA20</b> G4×1998CC	<b>M070A</b>	63-070-1	4	1,2,4,5	54.95	58.65	1.835	19.00	<b>12261-85G00</b> <b>12207-85G00</b>  <b>12111-85G00</b>	
		63-070-2	4	1,2,4,5	54.95	58.65	1.835	19.00		
		63-070-(3)	1	3	54.95	58.65	1.835	26.95		
		63-070-(4)	1	3	54.95	58.65	1.835	26.95		
	<b>R070A</b>	67-070-1	8	1~4	49.98	53.01	1.502	22.00		

# NISSAN

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>P, PF</b> 1960~80 G6×3956CC · 85.7×114.3 PATROL -LG60,61 VLG160 CABSTAR -E690 TRUCK -680,681,780 FIRE ENGINE -FR40,41,FG160	<b>M072H</b>	63-072-(1)	1	1	68.20	73.03	2.370	43.63	<b>12207-58010</b>	
		63-072-(2)	1	1	68.20	73.03	2.370	43.63		
		63-072-3	4	2,3,5,6	69.28	73.03	1.835	26.10		
		63-072-4	4	2,3,5,6	69.28	73.03	1.835	26.10		
		63-072-5	1	4	69.28	73.03	1.835	41.10		
		63-072-6	1	4	69.28	73.03	1.835	41.10		
		63-072-7	1	7	69.28	73.03	1.835	49.10		
		63-072-8	1	7	69.28	73.03	1.835	49.10		
	<b>R072H</b>	64-072-1	12	1~6	57.13	60.20	1.508	26.10	<b>12111-58010</b>	
		<b>C072L</b>	62-072-1	1	1	49.12	52.71	1.645	29.20	<b>13002-58000</b>
	62-072-2		1	2	48.92	52.27	1.645	19.20		
	62-072-3		1	3	48.62	51.97	1.645	19.20		
	62-072-4		1	4	48.31	51.66	1.645	31.90		
<b>P40, PF40</b> 1981~ G6×3956CC · 85.7×114.3 PATROL -ULG160 FIRE ENGINE -FG160,161	<b>M073H1</b>	63-073-(1)	1	1	69.28	73.03	1.835	40.48	<b>12207-L6200</b> <b>12207-L6201</b> <b>12207-L6000</b> <b>12207-L6001</b> <b>12207-L6002</b> <b>12207-C6001</b>	
		63-073-(2)	1	1	69.28	73.03	1.835	40.48		
		63-072-3	4	2,3,5,6	69.28	73.03	1.835	26.10		
		63-072-4	4	2,3,5,6	69.28	73.03	1.835	26.10		
		63-072-5	1	4	69.28	73.03	1.835	41.10		
		63-072-6	1	4	69.28	73.03	1.835	41.10		
		63-072-7	1	7	69.28	73.03	1.835	49.10		
		63-072-8	1	7	69.28	73.03	1.835	49.10		
	<b>R072H</b>	64-072-1	12	1~6	57.13	60.20	1.508	26.10	<b>12111-58010</b>	
		<b>C072L</b>	62-072-1	1	1	49.12	52.71	1.645	29.20	<b>13002-C6005</b> <b>13002-58000</b>
	62-072-2		1	2	48.92	52.27	1.645	19.20		
	62-072-3		1	3	48.62	51.97	1.645	19.20		
	62-072-4		1	4	48.31	51.66	1.645	31.90		
<b>QR20</b> 2001~ G4×1998CC · 89.0×80.3 X-TRAIL -TD30 PRIMERA -P12 SERENA -C24  <b>QR25</b> 2001~ G4×2488CC · 89.0×100.0 X-TRAIL -T30 PRESAGE SERENA -C24	<b>M1052A</b>	63-1052-1	4	1,2,4,5	54.96	58.97	1.980	20.00	<b>12207-6N210</b> <b>12261-6N210</b>	
		63-1052-2	1	3	54.96	58.97	1.980	23.40		
		63-1052-3	5	1~5	54.96	58.97	1.980	20.00		
	<b>R1052A</b>	64-1052-1	8	1~4	44.96	48.02	1.511	19.00	<b>12111-6N200</b>	
		<b>T1052A</b>	65-1052-1	2	—	—	—	2.450	—	<b>12280/81-6N210</b> <b>12280/81-6N20A</b>
	65-1052-2		2	—	—	—	—	2.450		
	<b>P1052H</b>	67-1052-1	4	1~4	19.99	22.02	1.180	22.09	<b>12030-6N20A</b>	
		<b>P1052HS</b>	67-1052-1S	4	1~4	—	—	—		<b>12030-6N20A/NB</b>
	<b>RD28, RD28-T</b> 1983~ D6×2825CC · 85×83 CEDRIC -UY30 GLORIA -UY30 SKYLINE -SR31	<b>M097A</b>	63-097-1	6	1,2,3,5,6,7	54.98	58.67	1.830	19.90	<b>12207-V7200</b> <b>12209-V7200</b> <b>12261-42L00</b>
			63-097-2	6	1,2,3,5,6,7	54.98	58.67	1.830	19.90	
63-097-(3)			1	4	54.98	58.67	1.830	26.95		
63-097-(4)			1	4	54.98	58.67	1.830	26.95		
<b>R097A</b>		64-095-1	12	1~6	49.95	53.01	1.498	20.10	<b>12111-V7202</b> <b>12111-V7201</b> <b>12111-V7200</b>	



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>SR18</b> 1989~ G4×1838CC · 82.5×86 BLUEBIRD-EU12,EU13 SUNNY -HNB13 PULSAR -HN14	<b>M098H</b>	63-098-1	5	1~5	54.96	58.97	1.990	19.10	<b>12207-60J00</b>		
		63-098-2	5	1~5	54.96	58.97	1.990	19.10			
	<b>R098H</b>	64-098-1	8	1~4	47.96	51.01	1.510	17.10	<b>12111-60J00</b> <b>12111-1N501</b>		
<b>SR20</b> 1989~ G4×1998CC · 86×86 BLUEBIRD-HNU12,HNU13 PRIMERA -HP10,FHP10 SILVIA -PS13,RPS13 AVENIR -PNW10	<b>T098H</b>	65-098-1	2	—	—	—	1.970	—	<b>12280-60J00</b>		
<b>TB42</b> 1987/10~ G6×4169CC · 96×96 SAFARI	<b>M074A</b>	63-074-1	6	1~5,7	70.95	75.00	2.007	26.00	<b>12207-03J10</b> <b>12207-03J00</b>		
		63-074-2	6	1~5,7	70.95	75.00	2.007	26.00			
		63-074-(3)	1	6	70.95	75.00	2.007	31.95			
		63-074-(4)	1	6	70.95	75.00	2.007	31.95			
<b>R074A</b>	64-074-1	12	1~6	56.96	60.01	1.510	26.10	<b>12111-03J10</b> <b>12111-03J00</b>			
<b>U20</b> 1967~70 G4×1982CC · 87.2×83 FAIRLADY -SR311,SRL311	<b>M053H1</b>	63-053-1	4	1,5	62.94	66.67	1.835	28.00	<b>12207-E0702</b> <b>12207-78400</b> <b>12207-78200</b>		
		63-053-2	4	2,4	62.94	66.67	1.835	22.00			
		63-053-(3)	2	3	62.94	66.67	1.835	33.95			
	<b>R052H</b>	64-052-1	8	1~4	51.96	55.02	1.505	24.13	<b>12111-P5112</b> <b>12111-P5100</b>		
	<b>C052L</b>	62-052-1	1	1	45.43	48.66	1.575	24.00	<b>13002-71204</b>		
		62-052-2	1	2	43.90	47.14	1.575	22.00			
		62-052-3	1	3	41.22	44.45	1.575	24.00			
	<b>P052H</b>	67-052-1	4	1~4	21.99	24.05	1.270	28.50	<b>12030-32200</b>		
<b>VG30E</b> 1983~ GV6×2960CC · 87×83 CEDRIC -PY30,KPY30 FAIRLADY -MZ31,MGZ31 LEOPARD -VG30 MAXIMA -U11 300ZX -Z31	<b>M088H</b>	63-088-1	1	1	62.98	66.67	1.827	22.60	<b>12214-40V00</b> <b>12230-40V00</b> <b>12261-40V00</b> <b>12215-02P25</b> <b>12231-02P25</b> <b>12261-02P00</b> <b>12214-02P00</b> <b>12230-02P00</b> <b>12261-02P00</b>		
		63-088-2	1	1	62.98	66.67	1.827	22.60			
		63-088-3	2	2,3	62.98	66.67	1.827	19.10			
		63-088-4	2	2,3	62.98	66.67	1.827	19.10			
		63-088-(5)	1	4	62.98	66.67	1.827	28.84			
		63-088-(6)	1	4	62.98	66.67	1.827	28.84			
<b>VG33E</b> 1996~ GV6×3274CC · 91.5×83 PATHFINDER -R50 PICK UP	<b>R088H</b>	64-088-1	12	1~6	49.97	53.01	1.505	17.13	<b>12111-02P00</b> <b>12111-40V10</b>		
<b>VQ20</b> 1994~ GV6×1995CC · 76×73.3	<b>M099H</b>	63-099-1	4	1~4	59.95	64.02	2.009	20.10	<b>12207-31U00</b>		
		63-099-2	4	1~4	59.95	64.02	2.009	20.10			
	<b>R099H</b>	64-099-1	12	1~6	44.96	48.01	1.509	17.01	<b>12111-31U10</b>		
	<b>T099A</b>	65-099-1	2	—	—	—	1.950	—	<b>12281-31U00</b> <b>12280-31U00</b>		
65-099-2		2	—	—	—	1.950	—				

# NISSAN

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>VQ25</b> 1994~ GV6×2495CC · 85×73.3  <b>VQ30</b> 1994~ GV6×2987CC · 93×73.3	<b>M099H</b>	63-099-1	4	1~4	59.95	64.02	2.009	20.10	<b>12207-31U00</b>
		63-099-2	4	1~4	59.95	64.02	2.009	20.10	
	<b>R100H</b>	64-100-1	12	1~6	49.96	53.01	1.505	17.10	<b>12111-4P110</b>
	<b>T099A</b>	65-099-1	2	—	—	—	1.950	—	<b>12281-31U00</b> <b>12280-31U00</b>
65-099-2		2	—	—	—	1.950	—		
<b>VQ35</b> 2001~ GV6×3498CC · 95.5×81.4 PATHFINDER,MAXIMA FAIRLADY,SKYLINE,FUGA TEANA,PRESAGE ELGRAND,PARAMEDIC QUEST,MURANO	<b>M099H</b>	63-099-1	4	1~4	59.95	64.02	2.009	20.10	<b>12207-31U00</b>
		63-099-2	4	1~4	59.95	64.02	2.009	20.10	
	<b>R1058H</b>	64-1058-1	12	1~6	51.96	55.01	1.505	17.10	<b>12111-4W000</b> <b>12111-JA11C</b>
	<b>T099A</b>	65-099-1	2	—	—	—	1.950	—	<b>12281-31U00</b> <b>12280-31U00</b>
		65-099-2	2	—	—	—	1.950	—	
<b>YD22</b> D4×2148CC  <b>YD25</b> 1999~ D4×2488CC · 89×100	<b>M1050A</b>	63-1050-1	5	1~5	62.98	66.68	1.826	20.00	<b>12207-ES60A</b>
		63-1050-2	5	1~5	62.98	66.68	1.826	20.00	
	<b>R1050A</b>	64-1050-1	8	1~4	51.98	55.01	1.498	23.00	<b>12111-AD20B</b>
	<b>T1050A</b>	65-1050-1	2	3	—	—	1.950	—	<b>12280-ES60A</b>
	<b>P1050H</b>	67-1050-1	4	1~4	28.00	30.98	1.500	31.09	<b>12030-5X00A</b> <b>12030-AD200</b>
	<b>P1050HS</b>	67-1050-1S	4	1~4	—	—	—	—	<b>12030-5X00A/NB</b> <b>12030-AD200/NB</b>
<b>Z16</b> 1978~ G4×1595CC · 83×73.3 BLUEBIRD -J811,KJ910 VIOLET -PA11,UPA11 STANZA -GPA11,FPA11 SKYLINE -PC211H,BC211  <b>Z18</b> 1978~ G4×1770CC · 85×78 LAUREL -PC231 SKYLINE -PC211,WPC211 BLUEBIRD -P811,PJ811 KP910,WPJ910 STANZA -GRA11,FRA11	<b>M054H</b>	63-054-1	2	1,5	54.94	58.67	1.835	26.13	<b>12207-W3400</b> <b>12207-23001</b> <b>12207-23000</b> <b>12207-21000</b>
		63-054-2	2	1,5	54.94	58.67	1.835	26.13	
		63-054-3	4	2,4	54.94	58.67	1.835	24.13	
		63-054-(4)	2	3	54.94	58.67	1.835	31.95	
	<b>R054H1</b>	64-054-1	8	1~4	49.96	53.01	1.495	22.13	<b>12111-V0700</b> <b>12111-73400</b> <b>12111-F5100</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>Z20, Z20E</b> 1975~ G4×1952CC · 85×86 SILVIA -PS110,KPS110 LAUREL -KUC231 BLUEBIRD-KY910 SKYLINE -KUC231,UJR30 VANETTE -KEC120 KMC120 CARAVAN -PSE22,HE23  <b>Z22</b> 1982~ G4×2187CC · 87×92 CABSTAR -ULH40  <b>Z24</b> 1982~ G4×2389CC · 89×96 URVAN -CNLGE24	<b>M066H2</b>	63-066-1	1	1	59.94	63.66	1.835	26.13	<b>12207-U6001</b> <b>12207-U6000</b>	
		63-066-2	1	5	59.94	63.66	1.835	26.13		
		63-066-3	2	1,5	59.94	63.66	1.835	26.13		
		63-066-4	2	2,4	59.94	63.66	1.835	24.13		
		63-066-5	2	2,4	59.94	63.66	1.835	24.13		
		63-066-(6)	1	3	59.94	63.66	1.835	31.95		
		63-066-(7)	1	3	59.94	63.66	1.835	31.95		
	<b>R054H1</b>	64-054-1	8	1~4	49.96	53.01	1.495	22.13	<b>12111-V0700</b> <b>12111-73400</b>	
	<b>ZD30</b> 1999~ D4×2953CC · 96×102 CARAVAN -E25 TERANO -R50,R20 ELGRAND -E50 SAFARI -Y61 ATLAS -F24 CIVILIAN -W41	<b>M1051A</b>	63-1051-1	5	1~5	70.90	75.00	2.010	25.00	<b>12207-2W211</b> <b>12207-MA70A</b>
			63-1051-2	5	1~5	70.90	75.00	2.010	25.00	
		<b>R1051A</b>	64-1051-1	8	1~4	56.90	60.00	1.508	26.10	<b>12111-2W200</b> <b>12111-2W20A</b>
		<b>T1051A</b>	65-1051-1	2	3	—	—	2.300	—	<b>12280-2W210</b>

**NISSAN**

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

# NISSAN DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>BD30</b> 1989~91 D4×2953CC · 96×102	<b>M087H</b>	63-087-1	5	1~5	70.90	75.00	2.013	26.00	<b>12207-54T10</b>	
		63-087-2	5	1~5	70.90	75.00	2.013	26.00		
	<b>R087H</b>	64-087-1	4	1~4	56.90	60.01	1.513	26.10	<b>12110-54T14</b> <b>12111-54T10</b> <b>12111-43G01</b>	
		64-089-1	4	1~4	56.90	60.01	1.513	26.10		
	<b>T080H1</b>	65-080-1	2	4	—	—	2.325	—	<b>12280-37525~7</b>	
		65-080-2	2	4	—	—	2.325	—		
	<b>C087A</b>	62-087-1	1	1	50.71	53.83	1.520	22.50	<b>13002-43G00</b> <b>13002-54T00</b>	
		62-087-2	1	2	50.51	53.63	1.520	22.00		
		62-087-3	1	3	50.31	53.43	1.520	22.00		
		62-087-4	1	4	50.11	53.23	1.520	22.00		
		62-087-5	1	5	49.91	53.03	1.520	22.00		
	<b>ED30, ED304</b> 1969~82 D4×2956CC · 98×98 CIVILIAN -HYC340 BISON -YC241,DYC341 CLIPPER -YT40R,YWT40R	<b>M062H</b>	63-062-1	5	1~5	75.92	80.00	1.995	28.00	<b>12207-J2000</b>
63-062-2			4	1~4	75.92	80.00	1.995	28.00		
63-062-3			1	5	75.92	80.00	1.995	28.00		
<b>R062H</b>		64-062-1	8	1~4	59.92	64.00	1.998	34.00	<b>12117-J2000</b>	
		65-062-1	2	4	—	—	3.000	—		
<b>T062H</b>		65-062-2	2	4	—	—	3.000	—	<b>12280-J2025~7</b>	
		65-062-2	2	4	—	—	3.000	—		
<b>ED33, ED33-T</b> 1978~86 D4×3298CC · 100×105 CONDOR -MH40,MHG40 BMH TRUCK -MGH40,RMH40 DMH40,MH400R  <b>FD33, FD33-T</b> 1983~86 D4×3298CC · 100×105 CIVILIAN -FGW40		<b>M082H</b>	63-082-1	5	1~5	75.92	80.00	1.995	28.00	<b>12207-J6510</b> <b>12207-J6500</b>
	63-082-2		5	1~5	75.92	80.00	1.995	28.00		
	<b>R082H1</b>	64-065-1	8	1~4	61.92	66.00	1.998	32.00	<b>12117-Z5510</b> <b>12117-Z5500</b> <b>12117-Z5000</b>	
		65-062-1	2	4	—	—	3.000	—		
	<b>T062H</b>	65-062-2	2	4	—	—	3.000	—	<b>12280-J2025~7</b>	
		65-062-2	2	4	—	—	3.000	—		
	<b>ED33</b> 1986~ D4×3298CC · 100×105  <b>ED35</b> 1990~ D4×3465CC · 102.5×105  <b>FD33, FD33-T</b> 1986~ D4×3298CC · 100×105  <b>FD35, FD35-T</b> 1986~ D4×3465CC · 102.5×105	<b>M082H</b>	63-082-1	5	1~5	75.92	80.00	1.995	28.00	<b>12207-J6510</b> <b>12207-J6500</b>
			63-082-2	5	1~5	75.92	80.00	1.995	28.00	
		<b>R082H1</b>	64-065-1	8	1~4	61.92	66.00	1.998	32.00	<b>12111-01T00</b> <b>12111-01T10</b> <b>12117-Z5510</b> <b>12117-Z5500</b>
			65-062-1	2	4	—	—	3.000	—	
<b>T062H</b>		65-062-2	2	4	—	—	3.000	—	<b>12280-J2025~7</b>	
		65-062-2	2	4	—	—	3.000	—		

# NISSAN DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>ED6</b> 1974~83 D6×5654CC · 100×120 CONDOR -CM90 BUS -RM90  <b>FD6, FD6-T</b> 1973~ D6×5654CC · 100×120 CONDOR -CM80 BUS -RM80	<b>M065H1</b>	63-065-1	7	1~7	75.92	80.00	1.995	26.00	<b>12207-Z5325</b> <b>12207-Z5225</b> <b>12207-Z5125</b> <b>12207-Z5025</b> <b>12207-Z5510</b> <b>12207-Z5500</b> <b>12207-Z5000</b>  <b>12117-Z5510</b> <b>12117-Z5500</b> <b>12117-Z5000</b>  <b>12280-Z5025~7</b> <b>12280-J2025~7</b>
		63-065-2	7	1~7	75.92	80.00	1.995	26.00	
	<b>R065H1</b>	64-065-1	12	1~6	61.92	66.00	1.998	32.00	
		<b>T062H</b>	65-062-1	2	6	—	—	3.000	
			65-062-2	2	6	—	—	3.000	
	<b>FE6, FE6-T</b> 1984~ D6×6925CC · 108×126 CONDOR -CP80,CM87 -RM81	<b>M092H</b>	63-092-1	7	1~7	77.93	83.00	2.500	
63-092-2			7	1~7	77.93	83.00	2.500	27.00	
<b>R092H</b>		64-092-1	12	1~6	64.93	69.00	2.000	32.00	
<b>T092H</b>		65-092-1	2	4	—	—	2.950	—	
		65-092-2	2	4	—	—	2.950	—	
<b>P067H</b>		67-067-1	6	1~6	35.99	40.00	2.015	39.10	
<b>FD42</b> 1991~ D4×4214CC ATLAS -SG2H41 CONDOR -LG4YS41  <b>FD46</b> 1992~ D4×4617CC ATLAS -UH4YH41 CONDOR -UH5YS41	<b>MP092H</b>	63-092-1	1	1~5	77.93	83.00	2.500	27.00	<b>12207-0T003</b>   <b>12110-0T003</b>  <b>12280-Z5225~7</b> <b>12280-Z5125~7</b>
		63-092-2	1	1~5	77.93	83.00	2.500	27.00	
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)								
	<b>RP092H</b>	64-092-1	2	1~4	64.93	69.00	2.000	32.00	
	(1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)								
	<b>T092H</b>	65-092-1	2	4	—	—	2.950	—	
65-092-2		2	4	—	—	2.950	—		
<b>ND6, ND6-T</b> <b>NDT04, ND604</b> 1970~ D6×6842CC · 100×120 TRUCK -EG780,CK10,15 TRACTOR -DU880,780 DUMP -G780,U780 BUS -CK10  <b>NE6, NE6-T</b> <b>NET04, NE604</b> 1985~ D6×7412CC · 110×130	<b>M067H1</b>	63-067-1	1	7	89.87	96.00	3.018	28.00	<b>12213-95025</b> <b>12212-95000</b>  <b>12117-95007</b> <b>12117-95001</b>  <b>12280-95025~7</b>  <b>12030-95000</b> <b>12030-95001</b>
		63-067-2	2	4	89.87	96.00	3.018	43.00	
		63-067-3	5	1,2,3,5,6	89.87	96.00	3.018	28.00	
		63-067-4	6	1,2,3,5,6,7	89.87	96.00	3.018	28.00	
	<b>R067H1</b>	64-067-1	12	1~6	69.89	74.00	2.013	35.00	
	<b>T067H</b>	65-067-1	2	7	—	—	3.000	—	
		65-067-2	2	7	—	—	3.000	—	
	<b>P067H</b>	67-067-1	6	1~6	35.99	40.00	2.015	39.10	



# NISSAN DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>PD6, PD6-T, PD604</b> <b>PD6T04, PE6, PE6-T, PE604</b> 1969~82 D6×10308CC · 125×140 TRUCK -CD40,41,43 CW40,TK20 TP81,PTW27 PTVW35 BUS -UA20,PRA95 PRA105 TRACTOR -PT81,PTC81	<b>M076H1</b>	63-076-1	6	1,2,3,5,6,7	99.87	106.00	3.018	35.00	<b>12212-96000</b>
		63-076-2	5	1,2,3,5,6,7	99.87	106.00	3.018	35.00	
		63-076-3	2	4	99.87	106.00	3.018	55.00	
		63-076-4	1	1	99.87	106.00	3.018	35.00	
	<b>R076H1</b>	64-076-1	12	1~6	78.89	84.00	2.013	41.00	<b>12117-96012</b> <b>12117-96006</b> <b>12117-96000</b>
	<b>T076H</b>	65-076-1	2	7	—	—	3.000	—	<b>12280-96025~7</b>
		65-076-2	2	7	—	—	3.000	—	
	<b>P076H</b>	67-076-1	6	1~6	45.93	50.00	1.990	44.00	<b>12030-96000</b> <b>12030-96001</b>
	<b>PE6, PE6-T, PE6H</b> <b>PE6H-T, PE6T04, PE604</b> 1970~82 D6×11670CC · 133×140 TRUCK -CD30,31,32 CF30,CV30,31 CV32,40,CW40 BUS -UA20,PR80 TRACTOR -CK46,30  <b>PP6H</b> 1980~88 D6×11670CC · 133×140	<b>M076H1</b>	63-076-1	6	1,2,3,5,6,7	99.87	106.00	3.018	35.00
63-076-2			5	1,2,3,5,6,7	99.87	106.00	3.018	35.00	
63-076-3			2	4	99.87	106.00	3.018	55.00	
63-076-4			1	1	99.87	106.00	3.018	35.00	
<b>R076H1</b>		64-076-1	12	1~6	78.89	84.00	2.013	41.00	<b>12117-96012</b> <b>12117-96006</b> <b>12117-96000</b>
<b>T076H</b>		65-076-1	2	7	—	—	3.000	—	<b>12280-96025~7</b>
		65-076-2	2	7	—	—	3.000	—	
<b>T095H</b> (FOR PE6-T)		65-095-1	2	7	—	—	4.000	—	<b>12280-96125</b> <b>12280-96126</b> <b>12280-96128</b> <b>12280-96225</b>
		65-095-2	2	7	—	—	4.000	—	
<b>P076H</b>	67-076-1	6	1~6	45.93	50.00	1.990	44.00	<b>12030-96000</b> <b>12030-96001</b>	
<b>QD32, QD32-T</b> 1986~ D4×3153CC · 99.2×102 CARAVAN -CW24 -VW24	<b>M087H</b>	63-087-1	5	1~5	70.90	75.00	2.013	26.00	<b>12207-54T10</b> <b>12207-43G10</b> <b>12207-54T00</b> <b>12207-43G00</b>
		63-087-2	5	1~5	70.90	75.00	2.013	26.00	
	<b>R089H</b>	64-089-1	8	1~4	56.91	60.01	1.513	26.10	<b>12111-43G00</b> <b>12111-43G01</b>
	<b>T080H1</b>	65-080-1	2	4	—	—	2.325	—	<b>12280-37525~7</b>
		65-080-2	2	4	—	—	2.325	—	
	<b>C087A</b>	62-087-1	1	1	50.71	53.83	1.520	20.50	<b>13002-43G00</b> <b>13002-54T00</b>
		62-087-2	1	2	50.51	53.63	1.520	22.00	
		62-087-3	1	3	50.31	53.43	1.520	22.00	
		62-087-4	1	4	50.11	53.23	1.520	22.00	
		62-087-5	1	5	49.91	53.03	1.520	22.00	
<b>RD8, RD8-T</b> 1972~83 DV8×14313CC · 135×125 TRUCK -CW50,51,UW50 CK30,50,UZ50 TW50,51,52 KG50,51,TZ50 WD38,51,151 180 BUS -RA50 FIRE ENGINE -FW50,KW30	<b>M063H1</b>	63-063-1	4	1~4	109.87	116.00	3.018	29.00	<b>12212-97185</b> <b>12212-97525</b>
		63-063-2	4	1~4	109.87	116.00	3.018	29.00	
		63-063-3	1	5	109.87	116.00	3.018	37.00	
		63-063-4	1	5	109.87	116.00	3.018	37.00	
	<b>RP063H1</b> (2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)	64-063-1	4	—	84.89	89.00	2.013	39.20	<b>12117-97008</b> <b>12117-97004</b> <b>12117-97000</b>
	<b>T063H</b>	65-063-1	2	4	—	—	4.000	—	<b>12280-97025~7</b>
		65-063-2	2	4	—	—	4.000	—	
	<b>P063H</b>	67-063-1	8	1~8	45.97	50.00	1.990	35.00	<b>12030-97000</b> <b>12030-97001</b>
		67-063-(L)	—	—	—	—	—	49.00	

# NISSAN DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>RD8, RD8-T</b> 1983~85 DV8×14313CC · 135×125  <b>RE8</b> 1983~85 DV8×15115CC · 135×132 TRUCK -CW53,CD58	<b>M090H1</b>	63-090-1	4	1~4	109.87	116.00	3.018	31.00	<b>12212-97529</b> <b>12212-97725</b> <b>12212-97228</b>	
		63-090-2	4	1~4	109.87	116.00	3.018	31.00		
		63-090-4	1	5	109.87	116.00	3.018	37.00		
		63-063-3	1	5	109.87	116.00	3.018	37.00		
	<b>RP063H1</b>	64-063-1		4	—	84.89	89.00	2.013	39.20	<b>12117-97008</b> <b>12117-97004</b> <b>12117-97000</b>
		(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)								
	<b>T063H</b>	65-063-1	2	4	—	—	4.000	—	<b>12280-97025~7</b>	
		65-063-2	2	4	—	—	4.000	—		
	<b>P063H</b>	67-063-1	8	1~8	45.97	50.00	1.990	35.00	<b>12030-97000</b> <b>12030-97001</b>	
		67-063-(L)	—	—	—	—	—	49.00		
<b>RD8, RD8-T</b> 1985~ DV8×14313CC · 135×125 TRUCK -WD152  <b>RE8</b> 1985~ DV8×15115CC · 135×132 TRUCK -CD53  <b>RF8</b> 1985~ DV8×16991CC · 138×142 TRUCK -CD54,CW54 BUS -RA53	<b>MP090H1</b>	63-090-1	1	—	109.87	116.00	3.018	31.00	<b>12212-97725</b> <b>12212-97228</b> <b>12212-97529</b>	
		63-090-2	1	—	109.87	116.00	3.018	31.00		
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
	<b>RP063H1</b>	64-063-1		4	—	84.89	89.00	2.013	39.20	<b>12117-97008</b>
		(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)								
	<b>T063H</b>	65-063-1	2	4	—	—	4.000	—	<b>12280-97025~7</b>	
		65-063-2	2	4	—	—	4.000	—		
	<b>P063H</b>	67-063-1	8	1~8	45.97	50.00	1.990	35.00	<b>12030-97000</b> <b>12030-97001</b>	
		67-063-(L)	—	—	—	—	—	49.00		
	<b>RD10, RD10-T</b> 1972~83 DV10×17892CC · 135×125 TRUCK -WD23,CK60 BUS -RD10 FIRE ENGINE -FZ60	<b>M064H1</b>	63-063-1	5	1~5	109.87	116.00	3.018	29.00	<b>12212-97286</b> <b>12212-97029</b> <b>12212-97025</b>
63-063-2			5	1~5	109.87	116.00	3.018	29.00		
63-063-3			1	6	109.87	116.00	3.018	37.00		
63-063-4			1	6	109.87	116.00	3.018	37.00		
<b>RP063H1</b>		64-063-1		4	—	84.89	89.00	2.013	39.20	<b>12117-97008</b> <b>12117-97004</b> <b>12117-97000</b>
		(2 PAIRS/PACKAGE, 5 PACKAGES/ENGINE)								
<b>T063H</b>		65-063-1	2	4	—	—	4.000	—	<b>12280-97025~7</b>	
		65-063-2	2	4	—	—	4.000	—		
<b>P064H</b>		67-063-1	10	1~10	45.97	50.00	1.990	35.00	<b>12030-97000</b> <b>12030-97001</b>	
		67-063-(L)	—	—	—	—	—	49.00		
<b>RD10, RD10-T</b> 1983~86 DV10×17892CC · 135×125  <b>RE10</b> 1983~86 DV10×18894CC · 135×132 TRUCK -CW67,66,61	<b>M091H1</b>	63-090-1	5	1~5	109.87	116.00	3.018	31.00	<b>12212-97826</b> <b>12212-97328</b> <b>12212-97225</b> <b>12212-97128</b>	
		63-090-2	5	1~5	109.87	116.00	3.018	31.00		
		63-063-3	1	1	109.87	116.00	3.018	37.00		
		63-090-4	1	1	109.87	116.00	3.018	37.00		
	<b>RP063H1</b>	64-063-1		4	—	84.89	89.00	2.013	39.20	<b>12117-97008</b> <b>12117-97004</b> <b>12117-97000</b>
		(2 PAIRS/PACKAGE, 5 PACKAGES/ENGINE)								
	<b>T063H</b>	65-063-1	2	4	—	—	4.000	—	<b>12280-97025~7</b>	
		65-063-2	2	4	—	—	4.000	—		
	<b>P064H</b>	67-063-1	10	1~10	45.97	50.00	1.990	35.00	<b>12030-97000</b> <b>12030-97001</b> <b>12030-97002</b>	
		67-063-(L)	—	—	—	—	—	49.00		

# NISSAN DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>RD10, RD10-T</b> 1986~ DV10×18894CC · 135×132 TRUCK -CV66 BUS -DA67,GA66  <b>RE10</b> 1986~ DV10×18894CC · 135×132 TRUCK -CK66BT CV66V CW66GT  <b>RF10</b> 1986~ DV10×21239CC · 138×142 TRUCK -CK67,CW67	<b>MP090H1</b>	63-090-1	1	—	109.87	116.00	3.018	31.00	<b>12213-97026</b> <b>12213-97069</b> <b>12213-97104</b>	
		63-090-2	1	—	109.87	116.00	3.018	31.00		
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)									
	<b>RP063H1</b>	64-063-1	4	—	84.89	89.00	2.013	39.20	<b>12117-97008</b>	
		(2 PAIRS/PACKAGE, 5 PACKAGES/ENGINE)								
	<b>T063H</b>	65-063-1	2	4	—	—	4.000	—	<b>12280-97025~7</b>	
		65-063-2	2	4	—	—	4.000	—		
	<b>P064H</b>	67-063-1	10	1~10	—	45.97	50.00	1.990	<b>12030-97000</b> <b>12030-97001</b> <b>12030-97002</b>	
		67-063-(L)	—	—	—	—	—	49.00		
	<b>RG8</b> 1992~ DV8×17,990CC · 142×142 BIG THUMB RENAULT SAMSUNG BIG THUMB	<b>M1053H</b>	63-1053-1	5	—	110.00	116.00	2.995	35.33	<b>12213-97160</b>
63-1053-2			5	—	110.00	116.00	2.995	35.33		
<b>R1053H</b>		64-1053-1	16	—	90.00	95.00	2.516	34.83	<b>12117-97075</b>	
<b>SD20</b> 1963~80 D4×1991CC · 83×92 CEDRIC -QG31,Q130,230 R330,430 LAUREL -SC230  <b>SD22 (220C E20)</b> 1963~80 D4×2164CC · 83×100 CEDRIC -R330,VR430 CABSTAR -QGF20,QF21 CABALL -QC240 CARAVAN -GKRE21 CIVILIAN -GHQC240 CLIPPER -D661,662,663 HOMY -GKRE20,21	<b>M080H2</b>	63-080-1	3	1~3	70.90	75.00	2.010	32.00	<b>12207-37502~6</b>	
		63-080-2	3	1~3	70.90	75.00	2.010	32.00		
	<b>R080H1</b>	64-080-1	8	1~4	52.91	56.01	1.510	26.00	<b>12117-Y5210</b> <b>12117-Y5200</b> <b>12117-37502</b> <b>12117-37503</b> <b>12117-37504</b> <b>12117-37505</b>	
	<b>T080H1</b>	65-080-1	2	2	—	—	2.325	—		<b>12280-37525~7</b>
		65-080-2	2	2	—	—	2.325	—		
	<b>C052L</b>	62-052-1	1	1	45.43	48.66	1.575	24.00		<b>13002-37500</b>
		62-052-2	1	2	43.90	47.14	1.575	22.00		
		62-052-3	1	3	41.22	44.55	1.575	24.00		
	<b>P080H</b>	67-080-1	4	1~4	26.00	29.02	1.562	30.00	<b>12030-37500</b>	
<b>P080HS</b>	67-080-1S	4	1~4	—	—	—	—	<b>12030-37500/NB</b>		

# NISSAN DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>SD20</b> 1980~83 D4×1991CC · 83×92	<b>M085H</b>	63-085-1	10	1~5	70.90	75.00	2.015	26.13	<b>12207-V1700</b> <b>12207-V1701</b> <b>12215-V1700</b>	
<b>SD22</b> 1980~ D4×2164CC · 83×100	<b>R080H1</b>	64-080-1	8	1~4	52.91	56.01	1.510	26.00	<b>12117-Y5210</b> <b>12117-Y5200</b> <b>12117-37505</b> <b>12117-37504</b> <b>12117-37503</b> <b>12117-37502</b>	
<b>SD23</b> 1980~87 D4×2289CC · 89×92 CARAVAN -YGE23 HOMY -VYE23,HGE23	<b>T080H1</b>	65-080-1	2	2	—	—	2.325	—	<b>12280-37525~7</b>	
		65-080-2	2	2	—	—	2.325	—		
<b>SD25</b> 1981~ D4×2488CC · 89×100 TRUCK -EGF22,ET22	<b>C052L</b>	62-052-1	1	1	45.43	48.66	1.575	24.00	<b>13002-37500</b>	
		62-052-2	1	2	43.90	47.14	1.575	22.00		
		62-052-3	1	3	41.22	44.45	1.575	24.00		
<b>SD25-T</b> 1985~88 D4×2488CC · 89×100	<b>P085H</b>	67-085-1	4	1~4	26.00	29.00	1.562	32.00	<b>12030-L2000</b>	
		<b>P085HS</b>	67-085-1S	4	1~4	—	—	—	—	<b>12030-L2000/NB</b>
<b>SD33, SD33-T</b> 1966~ D6×3246CC · 83×100 PATROL -JRL160,KPL160 URLG160 CARAVAN -KKR160 KTRG160 TRUCK -QC80,DQSC80 FORKLIFT -FD007,UGF03	<b>M081H2</b>	63-080-1	4	1~4	70.90	75.00	2.010	32.00	<b>12207-61507</b> <b>12207-61506</b> <b>12207-61505</b> <b>12207-61504</b>	
		63-080-2	4	1~4	70.90	75.00	2.010	32.00		
	<b>R081H1</b>	64-080-1	12	1~6	52.91	56.01	1.510	26.00		<b>12117-Y5210</b> <b>12117-Y5200</b> <b>12117-37505</b> <b>12117-37504</b> <b>12117-37503</b> <b>12117-37502</b>
		<b>T080H1</b>	65-080-1	2	2	—	—	2.325		
			65-080-2	2	2	—	—	2.325	—	
	<b>C081L</b> (‘66-‘79)	62-052-1	1	1	45.43	48.66	1.575	24.00	<b>13002-61500</b>	
		62-052-2	2	2,3	43.90	47.14	1.575	22.00		
		62-052-3	1	4	41.22	44.45	1.575	24.00		
	<b>P081H</b>	67-080-1	6	1~6	26.00	29.02	1.562	30.00	<b>12030-37500</b>	
	<b>P081HS</b>	67-080-1S	6	1~6	—	—	—	—	<b>12030-37500/NB</b>	

# NISSAN DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>TD23</b> 1986~ D4×2289CC · 89×92 HOMY -DRGE24 DYGE24 ATLAS -TGF22  <b>TD25</b> 1987~ D4×2494CC · 89×100  <b>TD27</b> 1986~ D4×2663CC · 96×92 HOMY -DRGE24 ATLAS -AF22,KAGF22	<b>M087H</b>	63-087-1	5	1~5	70.90	75.00	2.013	26.00	<b>12207-54T10</b> <b>12207-43G10</b> <b>12207-54T00</b> <b>12207-43G00</b>	
		63-087-2	5	1~5	70.90	75.00	2.013	26.00		
	<b>R080H1</b> (FOR TD23)	64-080-1	8	1~4	52.91	56.01	1.510	26.00	<b>12111-02N00</b> <b>12111-02N01</b>	
	<b>R089H</b> (FOR TD25,27)	64-089-1	8	1~4	56.91	60.01	1.513	26.10	<b>12111-43G00</b> <b>12111-43G01</b>	
	<b>T080H1</b>	65-080-1	2	4	—	—	2.325	—	<b>12280-37525~7</b>	
		65-080-2	2	4	—	—	2.325	—		
	<b>P089H</b> (FOR TD25 '86~)	67-089-1	4	1~4	29.89	33.02	1.525	33.00	<b>12030-31N00</b>	
	<b>C087A</b>	62-087-1	1	1	50.71	53.83	1.520	20.50	<b>13002-43G00</b> <b>13002-54T00</b>	
		62-087-2	1	2	50.51	53.63	1.520	22.00		
		62-087-3	1	3	50.31	53.43	1.520	22.00		
62-087-4		1	4	50.11	53.23	1.520	22.00			
62-087-5		1	5	49.91	53.03	1.520	22.00			
<b>P087H1</b> (FOR TD25) (FOR TD27 ~ '89)	67-087-1	4	1~4	28.00	31.00	1.525	33.25	<b>12030-43G00</b>		
<b>P087HS</b>	67-087-1S	4	1~4	—	—	—	—	<b>12030-43G00/NB</b>		
<b>TD42</b> 1987~ D6×4169CC · 96×96 SAFARI -VRY60,VRGY60  <b>TD42T</b> 1993~ D6×4169CC · 96×96 SAFARI -Y-WRGY60	<b>M096H</b>	63-087-1	7	1~7	70.90	75.00	2.013	26.00	<b>12207-06J10</b> <b>12207-06J11</b>	
		63-087-2	7	1~7	70.90	75.00	2.013	26.00		
	<b>R096H</b>	64-089-1	12	1~6	56.91	60.01	1.513	26.10	<b>12111-43G00</b> <b>12111-43G01</b>	
	<b>T080H1</b>	65-080-1	2	4	—	—	2.325	—	<b>12280-37525~7</b>	
		65-080-2	2	4	—	—	2.325	—		
<b>P096H1</b> (FOR TD42)	67-087-1	6	1~6	28.00	31.00	1.525	33.25	<b>12030-43G00</b>		
<b>P096HS</b>	67-087-1S	6	1~6	—	—	—	—	<b>12030-43G00/NB</b>		
<b>UD3, UD33</b> 1963~68 D3×3706CC · 110×130 TRUCK -UG680,681 BUS -JUR690	<b>MP075H</b>	63-075-1	1	—	99.89	108.02	4.040	27.00	<b>12215-90025</b>	
		63-075-2	1	—	99.89	108.02	4.040	27.00		
	(1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)									
	<b>RP075H</b>	64-075-1	1	—	69.86	76.02	3.040	44.00	<b>12111-90126</b> <b>12111-90025</b>	
		64-075-2	1	—	69.86	76.02	3.040	44.00		
(1 PAIR/PACKAGE, 3 PACKAGES/ENGINE)										
<b>T075H</b>	65-075-1	4	—	—	—	3.960	—	<b>12290-90007</b>		
<b>UD4, UD43</b> 1963~74 D4×4941CC · 110×130 TRUCK -T80,81,TC80,81 TF80,TV15 TW12,17 BUS -4R82,94,104,110	<b>MP075H</b>	63-075-1	1	—	99.89	108.02	4.040	27.00	<b>12215-90025</b>	
		63-075-2	1	—	99.89	108.02	4.040	27.00		
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
	<b>RP075H</b>	64-075-1	1	—	69.86	76.02	3.040	44.00	<b>12111-90126</b> <b>12111-90025</b>	
		64-075-2	1	—	69.86	76.02	3.040	44.00		
	(1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)									
<b>T075H</b>	65-075-1	4	—	—	—	3.960	—	<b>12290-90007</b>		

# NISSAN DIESEL

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>UD5</b> 1967~72 D5×6177CC · 110×130 TRUCK -C10,11 TVC10,11 TWDC10,11 BUS -5R94,104,106 5R110 TRACTOR -TC81P,TC81UP	<b>MP075H</b>	63-075-1	1	—	99.89	108.02	4.040	27.00	<b>12215-90025</b>	
		63-075-2	1	—	99.89	108.02	4.040	27.00		
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)									
	<b>RP075H</b>	64-075-1	1	—	69.86	76.02	3.040	44.00	<b>12111-90126</b> <b>12111-90025</b>	
		64-075-2	1	—	69.86	76.02	3.040	44.00		
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
<b>T075H</b>	65-075-1	4	—	—	—	3.960	—	<b>12290-90007</b>		
<b>UD6</b> 1963~73 D6×7416CC · 110×130 TRUCK -CK10,6TW13 6TWC13 6TWF12 BUS -6R111 TRACTOR -6TC81,6TW13 6TWC13	<b>MP075H</b>	63-075-1	1	—	99.89	108.02	4.040	27.00	<b>12215-90025</b>	
		63-075-2	1	—	99.89	108.02	4.040	27.00		
	(1 PAIR/PACKAGE, 7 PACKAGES/ENGINE)									
	<b>RP075H</b>	64-075-1	1	—	69.86	76.02	3.040	44.00	<b>12111-90126</b> <b>12111-90025</b>	
		64-075-2	1	—	69.86	76.02	3.040	44.00		
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)									
<b>T075H</b>	65-075-1	4	—	—	—	3.960	—	<b>12290-90007</b>		



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>2G23</b> 1977~82 G2×546CC · 70×71 MINICA -A105 MINI CAB -L012  <b>G23B</b> 1978~83 G2×546CC · 70×71 MINICA -A105,107  <b>2G24</b> 1982~83 G2×644CC · 76×71	<b>M</b>  <b>R120A</b>	  64-120-1	  4	  1~2	  39.98	  43.02	  1.493	  17.13	<b>MD019526</b> <b>MD019871</b>  <b>MD079650</b> <b>MD019635</b>
<b>G23B</b> 1984~ G2×546CC · 70×71 MINICA -H11,A106 MINI CAB -U11,12  <b>2G25</b> 1984~ G2×783CC · 78×72 MINICA -H11	<b>M120A</b>  <b>R120A</b>	63-120-1 63-120-2 63-120-(3)	2 2 2	1,3 1,3 2	42.98 42.98 42.98	47.02 47.02 47.02	1.990 1.990 1.990	19.45 19.45 23.95	<b>MD079646</b>   <b>MD079650</b> <b>MD019635</b>
<b>3G81</b> 1988~ G3×548CC · 62.3×60 MINICA -H21,26 MINI CAB -U14,15  <b>3G82</b> 1987~ G3×796CC  <b>3G83</b> 1990~ G3×657CC · 65×66	<b>M127A</b>  <b>R127A1</b>  <b>T127A</b>	63-127-1 63-127-2  64-127-1  65-127-1	4 4  6  2	1~4 1~4  1~3  2	39.98 39.98  35.98  —	44.02 44.02  39.02  —	1.990 1.990  1.489  2.475	17.13 17.13  14.63  —	<b>MD114812</b>   <b>MD114816</b>  <b>MD115171</b>
<b>4G11</b> 1978~81 G4×1244CC · 69.5×82 LANCER -A141  <b>G11B</b> 1977~85 G4×1244CC · 69.5×82 LANCER -A171,148,155 MIRAGE -A151,155  <b>4G12</b> 1976~81 G4×1410CC · 74×82 LANCER -A142  <b>G12B</b> 1976~88 G4×1410CC · 74×82 LANCER -A142,172 MIRAGE -A152,155,156	<b>M119A</b>  <b>R119A</b>	63-119-1 63-119-2 63-119-(3)	4 4 2	1,2,4,5 1,2,4,5 3	47.98 47.98 47.98	52.02 52.02 52.02	1.990 1.990 1.990	19.13 19.13 23.95	<b>MD030573</b> <b>MD030126</b> <b>MD147999</b>  <b>MD030516</b>

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>4G13</b> 1988~ G4×1298CC · 71×82 MIRAGE -D51,61  <b>G13B</b> 1983~ G4×1298CC · 71×82 LANCER -C11  <b>4G15</b> 1987~97 G4×1468CC · 75.5×82 MIRAGE -C52,62,72 LANCER -C62,72  <b>G15B</b> 1983~ G4×1468CC · 75.5×82 LANCER -C12,32	<b>M119A</b>	63-119-1	4	1,2,4,5	47.98	52.02	1.990	19.13	<b>MD147999</b> <b>MD030126</b> <b>MD030573</b>	
		63-119-2	4	1,2,4,5	47.98	52.02	1.990	19.13		
		63-119-(3)	2	3	47.98	52.02	1.990	23.95		
	<b>R119A</b>	64-119-1	8	1~4	41.98	45.02	1.493	17.63	<b>MD030516</b>	
		<b>R130A</b> (AFTER '88)	64-130-1	8	1~4	41.98	45.02	1.493		15.60
	<b>4G30</b> 1969~73 G4×1289CC · 73×77 GALANT -A51,51V  <b>4G31</b> 1969~74 G4×1499CC · 74.5×86  <b>G31B</b> 1969~74 G4×1499CC · 74.5×86 LANCER -A73 FORKLIFT -FG20  <b>4G32</b> 1970~88 G4×1597CC · 76.9×86 GALANT -A53,112,117,121 LANCER -A73  <b>G32B</b> 1977~88 G4×1597CC · 76.9×86 GALANT -A161A,131 CORDIA -A212A LANCER -A144 MIRAGE -A153,157,C13A DELICA -L033,063,P02	<b>M111A2</b>	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	<b>MD091399</b> <b>MD071273</b> <b>MD006904</b> <b>MD002273</b> <b>MD002343</b> <b>MD040682</b>
			63-111-(2)	2	3	56.98	61.02	1.990	28.95	
			63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13	
		<b>R111A</b>	64-111-1	8	1~4	44.98	48.02	1.493	23.60	<b>MD071298</b> <b>MD002813</b> <b>MD002843</b> <b>MD040704</b> <b>MD001213</b>
<b>B111A</b>			68-111-1	1	1	38.98	42.03	1.500	19.10	
		68-111-2	2	2	35.98	39.03	1.490	16.10		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>4G33</b> 1971~88 G4×1439CC · 73×86 GALANT -A54,62 LANCER -A72 DELICA -L031 FORKLIFT -FG15,10  <b>G33B</b> 1977~88 G4×1493CC · 73×86 LANCER -A143 DELICA -L036 FORKLIFT -FG10,15  <b>4G35</b> 1972~77 G4×1688CC · 79×86 GALANT -A55  <b>4G36</b> 1975~79 G4×1238CC · 73×74 LANCER -A75  <b>4G37</b> 1986~ G4×1755CC · 80.6×86  <b>G37B</b> 1984~88 G4×1755CC · 80.6×86 CHARIOT -D05W LANCER -C37 TREDIA -A215	<b>M111A2</b>	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	<b>MD091399</b> <b>MD071273</b> <b>MD006904</b> <b>MD002273</b> <b>MD002343</b> <b>MD040682</b>  <b>MD071298</b> <b>MD040704</b> <b>MD002843</b> <b>MD002813</b>  <b>MD008888</b> <b>MD008889</b>		
		63-111-(2)	2	3	56.98	61.02	1.990	28.95			
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13			
	<b>R111A</b>	64-111-1	8	1~4	44.98	48.02	1.493	23.60			
		<b>B111A</b>	68-111-1	1	1	38.98	42.03	1.500		19.10	
	68-111-2		2	2	35.98	39.03	1.490	16.10			
	<b>4G41</b> 1971~79 G4×1378CC · 76.5×75 LANCER -A72,T120V DELICA -T120,120V,120C FORKLIFT-FG14,15  <b>4G42</b> 1973~77 G4×1187CC · 71×75 LANCER -A71,72,M72M GALANT -A61	<b>M103H</b>	63-103-1	3	1~3	63.99	68.02	1.990		25.13	<b>MD010780</b>  <b>MD010859</b>  <b>MD010350</b> <b>MD010351</b> <b>MD010360</b>  <b>MD010707</b>
			63-103-2	3	1~3	63.99	68.02	1.990		25.13	
		<b>R103H</b>	64-103-1	8	1~4	51.99	55.02	1.490		22.13	
			<b>T103H</b>	65-103-1	1	1	—	—	3.575	—	
		65-103-2		1	1	—	—	3.575	—		
		<b>P103H</b>	67-103-1	4	1~4	19.00	21.00	1.030	27.00		

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>4G51</b> 1973~77 G4×1855CC · 81×90 GALANT -A114,122  <b>G51B</b> 1977~78 G4×1855CC · 81×90 GALANT -A132  <b>4G52</b> 1973~78 G4×1955CC · 84×90 GALANT -A57,115,123 CANTER -T206,214,216 JEEP -J53,58 FORKLIFT -FG25,20  <b>G52B</b> 1977~78 G4×1995CC · 84×90 GALANT -A133 JEEP -J59	<b>M113A3</b>	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	<b>MD050360</b> <b>MD026445</b> <b>MD020381</b>		
		63-113-(2)	2	3	65.98	70.02	1.990	30.95			
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13			
		<b>M141A</b>	63-113-1	4	1,2,4,5	65.98	70.02	1.990		25.13	
			63-141-(2)	2	3	65.98	70.02	1.990		30.95	
			63-113-3	4	1,2,4,5	65.98	70.02	1.990		25.13	
	(M141A-025 ~ 100 has a flange with fluctuating thickness as the sizes differ, but M113A3-025 ~ 100 has a flange with fixed thickness. M141-STD is same as M113A3-STD.)										
	<b>R113A1</b>	64-113-1	8	1~4	52.98	56.02	1.493	25.13	<b>MD026430</b> <b>MD024856</b> <b>MD050365</b> <b>MD153622</b>		
<b>4G52</b> 1978~ G4×1995CC · 84×90 GALANT -A123 ETERNA -A163 JEEP -J53,58 FORKLIFT -FG25,20  <b>G52B</b> 1978~86 G4×1955CC · 84×90 GALANT -A133 JEEP -J59 LANCER -A146	<b>M118A1</b>	63-118-1	4	1,2,4,5	59.98	64.02	1.991	25.13	<b>MD026815</b> <b>MD026440</b>		
		63-118-2	4	1,2,4,5	59.98	64.02	1.991	25.13			
		63-118-(3)	2	3	59.98	64.02	1.991	30.95			
	<b>R113A1</b>	64-113-1	8	1~4	52.98	56.02	1.493	25.13	<b>MD026430</b> <b>MD024856</b> <b>MD153622</b> <b>MD050365</b>		
	<b>B113A</b>	68-113-1	2	1~2	42.98	46.05	1.480	20.25	<b>MD021118</b>		
	<b>4G53</b> 1973~78 G4×2384CC · 88×98 CENTER -T205,207,215 ROSA -B207,217 JEEP -J26,38,46,56 FORKLIFT -FG30	<b>M113A3</b>	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	<b>MD050360</b> <b>MD026445</b> <b>MD020381</b>	
			63-113-(2)	2	3	65.98	70.02	1.990	30.95		
			63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13		
<b>M141A</b>			63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13		
			63-141-(2)	2	3	65.98	70.02	1.990	30.95		
			63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13		
(M141A-025 ~ 100 has a flange with fluctuating thickness as the sizes differ, but M113A3-025 ~ 100 has a flange with fixed thickness. M141-STD is same as M113A3-STD.)											
<b>R113A1</b>		64-113-1	8	1~4	52.98	56.02	1.493	25.13	<b>MD026430</b> <b>MD024856</b> <b>MD050365</b> <b>MD153622</b>		
<b>B113A</b>		68-113-1	2	1~2	42.98	46.05	1.480	20.25	<b>MD021118</b>		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4G53</b> 1978~82 G4×2384CC · 88×98 JEEP -J26,38,46,56 FORKLIFT -FG30	<b>M118A1</b>	63-118-1	4	1,2,4,5	59.98	64.02	1.991	25.13	<b>MD026815</b> <b>MD026440</b>
		63-118-2	4	1,2,4,5	59.98	64.02	1.991	25.13	
		63-118-(3)	2	3	59.98	64.02	1.991	30.95	
	<b>R113A1</b>	64-113-1	8	1~4	52.98	56.02	1.493	25.13	<b>MD026430</b> <b>MD024856</b> <b>MD153622</b> <b>MD050365</b>
<b>B113A</b>	68-113-1	2	1~2	42.98	46.05	1.480	20.25	<b>MD021118</b>	
<b>4G54</b> 1976~78 G4×2555CC · 91.1×98 DEBONAIR -A32,33	<b>M113A3</b>	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	<b>MD973121</b> <b>MD050360</b> <b>MD026445</b> <b>MD020381</b>
		63-113-(2)	2	3	65.98	70.02	1.990	30.95	
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13	
	<b>M141A</b>	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	
		63-141-(2)	2	3	65.98	70.02	1.990	30.95	
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13	
(M141A-025 ~ 100 has a flange with fluctuating thickness as the sizes differ, but M113A3-025 ~ 100 has a flange with fixed thickness. M141-STD is same as M113A3-STD.)									
<b>R113A1</b>	64-113-1	8	1~4	52.98	56.02	1.493	25.13	<b>MD026430</b> <b>MD024856</b> <b>MD153622</b> <b>MD050365</b>	
<b>4G54</b> 1978~ G4×2555CC · 91.1×98  <b>G54B</b> 1978~ G4×2555CC · 91.1×98 DEBONAIR-A33 GALANT -A135,166 JEEP -J27,37,47,57	<b>M118A1</b>	63-118-1	4	1,2,4,5	59.98	64.02	1.991	25.13	<b>MD026815</b> <b>MD026440</b>
		63-118-2	4	1,2,4,5	59.98	64.02	1.991	25.13	
		63-118-(3)	2	3	59.98	64.02	1.991	30.95	
	<b>R113A1</b>	64-113-1	8	1~4	52.98	56.02	1.493	25.13	<b>MD026430</b> <b>MD024856</b> <b>MD153622</b> <b>MD050365</b>
	<b>B113A</b>	68-113-1	2	1~2	42.98	46.05	1.480	20.25	<b>MD021118</b>

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>4G62</b> 1978~88 G4×1795CC · 80.6×88 LANCER -A175 GALANT -A162 DELICA -L035 ETERNA -A162,F13 TREDIA -A213  <b>G62B</b> 1979~89 G4×1795CC · 80.6×88  <b>4G63</b> 1980~92 G4×1997CC · 85×88 GALANT -A163,E33,39  <b>G63B</b> 1980~92 G4×1997CC · 85×88 GALANT -A163,164 DELICA -L037,P023 ETERNA -A163,164,E15 E17,A168 STARION -A183,184 PAJERO -L041,L046 CHARIOT -D08	<b>M111A2</b>	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	<b>MD091399</b> <b>MD071273</b> <b>MD002273</b> <b>MD002343</b> <b>MD040682</b>  <b>MD071298</b> <b>MD002813</b> <b>MD002843</b> <b>MD040704</b> <b>MD129423</b>	
		63-111-(2)	2	3	56.98	61.02	1.990	28.95		
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13		
	<b>R111A</b>	64-111-1	8	1~4	44.98	48.02	1.493	23.60		
<b>4G63</b> 1992~97 G4×1997CC · 85×88 ECLIPSE -D22 CHARIOT -N33 RVR -N23  <b>4G64</b> 1995~97 G4×2350CC · 86.5×100	<b>M136A</b>	63-136-1	4	1,2,4,5	56.98	61.02	1.990	20.63	<b>MD327493~7</b> <b>MD195906~10</b>  <b>MD327503~05</b> <b>MD195939~41</b> <b>MD195936~38</b>	
		63-136-2	4	1,2,4,5	56.98	61.02	1.990	20.63		
		63-136-(3)	2	3	56.98	61.02	1.990	25.45		
	<b>R136A</b>	64-136-1	8	1~4	44.98	48.02	1.490	21.23		
<b>4G64</b> 1986~95 G4×2350CC · 86.5×100 GALANT  <b>G64</b> 1986~89 G4×2350CC · 86.5×100 GALANT DELICA	<b>M111A2</b>	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	<b>MD091399</b> <b>MD071273</b> <b>MD006904</b> <b>MD002273</b> <b>MD002343</b> <b>MD040682</b>  <b>MD040704</b> <b>MD002813</b> <b>MD002843</b> <b>MD071298</b>	
		63-111-(2)	2	3	56.98	61.02	1.990	28.95		
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13		
	<b>R111A</b>	64-111-1	8	1~4	44.98	48.02	1.493	23.60		



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4G63</b> <b>4G63(SOHC)</b> 1997~ G4×1997CC · 85×88 LANCER ECLIPSE -D22 CHARIOT -N33 RVR -N23  <b>4G64</b> 1997~ G4×2350CC · 86.5×100 PICK UP	<b>M139A</b>	63-136-1	5	1~5	56.98	61.02	1.990	20.63	<b>MD327493~7</b>
		63-136-2	5	1~5	56.98	61.02	1.990	20.63	
	<b>R136A</b>	64-136-1	8	1~4	44.98	48.02	1.490	21.23	<b>MD327503~5</b>
	<b>T139A</b>	65-139-1	2	3	—	—	2.125	—	<b>MD351820</b>
<b>4G91</b> 1991~ G4×1496CC · 78.4×77.5 LANCER -CB3 MIRAGE -CA3,CB3  <b>4G92</b> 1991~ G4×1597CC · 81×77.5 LANCER -CB4 MIRAGE -CA4,CB4,CC4  <b>4G93</b> 1991~ G4×1834CC · 81×89 GALANT -E52,72 LANCER -CD5	<b>M135A</b>	63-135-1	5	1~5	49.98	54.02	1.990	19.13	<b>MD174857~61</b>
		63-135-2	5	1~5	49.98	54.02	1.990	19.13	
	<b>R135A</b>	64-135-1	8	1~4	44.98	48.02	1.493	16.80	<b>MD174884~6</b>
	<b>R</b>								<b>MD177046</b> <b>MD194201</b>
<b>T135A</b>	65-135-1	2	4	—	—	1.975	—	<b>MD174862</b>	
<b>6A12</b> 1992~ GV6×1998CC · 78.4×69.0 GALANT LEGNUM	<b>M142A</b>	63-142-1	4	1~4	52.98	57.02	1.994	17.10	<b>MD189832</b>
		63-142-2	4	1~4	52.98	57.02	1.994	17.10	
	<b>R142H</b>	64-142-1	12	1~6	42.98	46.02	1.491	15.10	<b>MD312142</b>
	<b>T142A</b>	65-142-1	2	2	—	—	1.975	—	<b>MD189837</b>

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>6A13-S4</b> 1996~2003 GV6×2498CC · 81×80 GALANT DIAMANTE LEGNUM	★ <b>M904A</b> (FOR S4)	63-904-1	4	1~4	55.98	60.02	1.994	17.60	<b>MD344352</b> <b>MD344353</b> <b>MD344354</b> <b>MD344355</b> <b>MD344356</b> <b>MD331182</b> <b>MD331187</b>
		63-904-2	4	1~4	55.98	60.02	1.994	17.60	
	★ <b>M905H</b> (FOR D4)	63-905-1	4	1~4	55.98	60.02	1.994	17.60	
		63-905-2	4	1~4	55.98	60.02	1.994	17.60	
<b>6A13-D4</b> 1996~2002 GV6×2488CC · 89×100 GALANT LEGNUM	★ <b>R904H</b>	64-904-1	12	1~6	50.98	54.02	1.491	15.10	<b>MD344363</b> <b>MD344364</b> <b>MD344365</b> <b>MD314186</b>
		65-904-1	2	3	—	—	1.975	—	
<b>6G71</b> 1986~ GV6×1998CC · 74.7×76  <b>6G72</b> 1986~ GV6×2972CC · 91.1×76 DEBONAIR -S12A NATIVA	<b>M123A1</b>	63-123-1	4	1~4	60.01	64.02	1.991	18.13	<b>MD197608~12</b> <b>MD105269</b> <b>MD124496</b>  <b>MD105277</b>  <b>MD116868</b> <b>MD124592</b>  <b>MD116890</b> <b>MD128659</b>
		63-123-2	4	1~4	60.01	64.02	1.991	18.13	
	<b>R123A</b> (FOR 6G72)	64-123-1	12	1~6	50.01	53.02	1.492	15.50	
		<b>R</b> (FOR 6G71)	65-123-1	2	4	—	—	1.975	
	<b>T123A</b>	65-123-2	2	4	—	—	1.975	—	
<b>6G74</b> 1991~ GV6×3496CC · 93×85.8 PAJERO -V25W,V25W	<b>M138H</b>	63-138-1	4	1~4	63.96	68.01	2.003	17.13	<b>MD197907~11</b>
		63-138-2	4	1~4	63.96	68.01	2.003	17.13	
	<b>R138H</b>	64-138-1	12	1~6	54.97	58.01	1.498	15.50	<b>MD311928~32</b> <b>MD198005~09</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>KE43</b> 1963~69 G4×977CC · 72×60 COLT -1000,1000F  <b>KE44</b> 1966~72 G4×1088CC · 73×65 COLT -1100  <b>KE46</b> 1968~70 G4×1189CC · 73×71 COLT -1200	<b>M103H</b>	63-103-1	3	1~3	63.99	68.02	1.990	25.13	<b>MD010780</b>	
		63-103-2	3	1~3	63.99	68.02	1.990	25.13		
	<b>R103H</b>	64-103-1	8	1~4	51.99	55.02	1.490	22.13	<b>MD010859</b>	
	<b>T103H</b>	65-103-1	1	1	—	—	3.575	—	<b>MD010350</b> <b>MD010351</b> <b>MD010360</b>	
65-103-2	1	1	—	—	3.575	—				
<b>4D55</b> 1980~86 D4×2346CC · 91.1×90 GALANT -A167 DELICA -L038,068 PAJERO -L048,L043  <b>4D56</b> 1986~ D4×2476CC · 91.1×95 PAJERO -L044,049 DELICA -P15,25,05,23 L039  <b>4D56</b> 2005~ D4×2477CC · 91.1×95.0 TRITON L200	<b>M113A3</b>	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	<b>MD310665~69</b> <b>MD310655~59</b> <b>MD973121</b> <b>MD050360</b> <b>MD026445</b>	
		63-113-(2)	2	3	65.98	70.02	1.990	30.95		
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13		
	<b>M141A</b>	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13		
		63-141-(2)	2	3	65.98	70.02	1.990	30.95		
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13		
	(M141A-025 ~ 100 has a flange with fluctuating thickness as the sizes differ, but M113A3-025 ~ 100 has a flange with fixed thickness. M141-STD is same as M113A3-STD.)									
	<b>R113A1</b>	64-113-1	8	1~4	52.98	56.02	1.493	25.13	<b>MD050365</b> <b>MD026430</b> <b>MD153622</b>	
	<b>P113H</b> (UN FINISHED)	67-113-1S	4	1~4	29.00	32.03	1.803	32.00		<b>MD050009</b>
	<b>B113A</b>	68-113-1	2	1~2	42.98	46.05	1.480	20.25	<b>MD021118</b>	
	<b>M140A</b>	63-113-1	5	1~5	65.98	70.02	1.990	25.13	<b>MD310665</b>	
		63-113-3	5	1~5	65.98	70.02	1.990	25.13		
	<b>R140A</b>	64-140-1	8	1~4	57.07	60.02	1.493	25.13	<b>1115A117</b>	
	<b>T140A</b>	65-140-1	2	3	—	—	2.500	—	<b>MD374820</b>	
<b>4D65, 4D65T</b> 1983~91 G4×1795CC · 80.6×88 GALANT -E34A MIRAGE -C14,34	<b>M111A2</b>	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	<b>MD091399</b> <b>MD071273</b>	
		63-111-(2)	2	3	56.98	61.02	1.990	28.95		
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13		
	<b>R111A</b>	64-111-1	8	1~4	44.98	48.02	1.493	23.60	<b>MD071298</b>	
<b>4D68</b> 1992~97 D4×1998CC GALANT TURBO LEBERO	<b>M137H</b>	63-137-1	4	1,2,4,5	56.98	61.02	1.990	20.63	<b>MD195926~30</b> <b>MD195934~5</b> <b>MD338888</b> <b>MD343336</b>	
		63-137-2	4	1,2,4,5	56.98	61.02	1.990	20.63		
		63-137-(3)	2	3	56.98	61.02	1.990	25.45		
	<b>R137H</b>	64-137-1	4	1~4	44.98	48.02	1.490	21.23		<b>MD327315~7</b> <b>MD338480~2</b>
		64-136-1	4	1~4	44.98	48.02	1.490	21.23		
	<b>R</b>									<b>MD195942~4</b>

# mitsubishi

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>4M40</b> 1986~ D4×2835CC · 95×100 DELICA EXCEED PAJERO -XR II EXCEED	<b>M133H</b>	63-133-1	4	1,2,4,5	67.98	72.02	1.992	22.13	<b>ME996519~21</b> <b>ME996526~8</b> <b>ME997880~2</b> <b>ME201565</b> <b>ME201562</b> <b>ME200665</b> <b>ME200022</b>  <b>ME996533~5</b> <b>ME997887~9</b> <b>ME200046</b> <b>ME200043</b>  <b>ME200280</b> <b>ME200281</b> <b>1052A499</b>  <b>ME202222</b>  <b>ME201016</b>  <b>1125A040</b> <b>ME202222</b> <b>ME204297</b>	
		63-133-2	4	1,2,4,5	67.98	72.02	1.992	22.13		
		63-133-3	1	3	68.03	72.02	1.972	22.13		
		63-133-4	1	3	68.03	72.02	1.972	22.13		
	<b>R133H</b>	64-133-1	4	1~4	53.97	58.02	1.992	27.63		
		64-133-2	4	1~4	53.97	58.02	1.992	27.63		
	<b>T133A</b>	65-133-1	2	—	—	—	2.450	—		
		65-133-2	2	—	—	—	2.450	—		
	<b>C</b>	<b>P133H</b>	67-133-1	4	1~4	29.98	33.03	1.495		20.50
			67-133-(L)	—	—	—	—	—		36.70
	<b>B133A</b>	68-133-1	2	1~2	46.00	50.05	2.005	24.25		
			2	1~2	46.00	50.05	2.005	24.25		
	<b>4M41</b> 2000~ D4×3200CC · 98.5×105 PAJERO -EXCEED,ZR	<b>M133H</b>	63-133-1	4	1,2,4,5	67.98	72.02	1.992		22.13
			63-133-2	4	1,2,4,5	67.98	72.02	1.992		22.13
63-133-3			1	3	68.03	72.02	1.972	22.13		
63-133-4			1	3	68.03	72.02	1.972	22.13		
<b>R141H</b>		64-141-1	4	1~4	53.97	58.02	1.992	27.63		
		64-133-2	4	1~4	53.97	58.02	1.992	27.63		
<b>T133A</b>		65-133-1	2	—	—	—	2.450	—		
		65-133-2	2	—	—	—	2.450	—		

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4D30</b> 1979~82/8 D4×3298CC · 100×105 CANTER -FE101,111,121 211,221,231 ROSA -BE201,211	<b>M117H1</b>	63-117-1	5	1~5	77.93	82.02	2.007	27.13	<b>ME999089</b> <b>ME011530</b>
		63-117-2	5	1~5	77.93	82.02	2.007	27.13	
	<b>R117H</b>	64-108-1 (WITHOUT HOLE)	8	1~4	59.95	64.02	2.000	33.13	<b>ME999106</b> <b>ME012227</b> <b>ME012210</b> <b>ME012205</b>
	<b>T108H</b>	65-108-1	3	5	—	—	2.450	—	<b>ME020328</b> <b>ME013564</b>
	<b>C117L</b>	62-117-1 62-117-2 62-117-3	1	1	54.44	58.52	2.000	41.00	<b>ME029225</b> <b>ME029027</b> <b>ME023432</b>
			1	2	54.44	58.02	1.750	26.00	
1			3	52.94	57.02	2.000	30.00		
<b>P117H</b>	67-117-1	4	1~4	33.91	37.02	1.520	38.80	<b>ME020449</b> <b>ME012203</b>	
<b>P117HS</b>	67-117-1S	4	1~4	—	—	—	—	<b>ME020449/NB</b>	
<b>4D30</b> 1982~86 D4×3298CC · 100×105 CANTER -FE101,111,121 211,221,321 421 ROSA -BE201,211  <b>4D31, 4D31-T</b> 1982~88 D4×3298CC · 100×105 CANTER -FE114,134,214 224,234,434 ROSA -BH214  <b>4D32</b> 1985~88 D4×3567CC · 104×105 CANTER -FE305,315,325 335,425,445 465 FG335,435 ROSA -BE435	<b>M121H</b>	63-121-1	5	1~5	77.93	82.02	2.007	27.13	<b>ME999384</b>
		63-117-2	5	1~5	77.93	82.02	2.007	27.13	
	<b>R121H</b>	64-108-1 64-121-2 (WITH HOLE)	4	1~4	59.95	64.02	2.000	33.13	<b>ME999250</b> <b>ME999654</b> <b>ME012205</b>
			4	1~4	59.95	64.02	2.000	33.13	
	<b>T108H</b>	65-108-1	3	5	—	—	2.450	—	<b>ME013564</b> <b>ME020328</b>
	<b>T121H</b>	65-121-1	3	5	—	—	2.450	—	<b>ME013644</b> <b>ME013560</b>
	<b>P117H</b>	67-117-1	4	1~4	33.91	37.02	1.520	38.80	<b>ME020449</b> <b>ME012203</b>
	<b>P117HS</b>	67-117-1S	4	1~4	—	—	—	—	<b>ME020449/NB</b>
	<b>P121H</b>	67-121-1	4	1~4	33.91	37.03	1.520	38.80	<b>ME012249</b> <b>ME012257</b>
	<b>P121HS</b>	67-121-1S	4	1~4	—	—	—	—	<b>ME012249/NB</b>
	<b>P</b>								<b>ME012234</b>
	<b>C</b>								<b>ME013116</b> <b>ME011593</b> <b>ME011594</b>
<b>C</b>								<b>ME029225</b> <b>ME011593</b> <b>ME011594</b>	
<b>4D33</b> 1989/9~ D4×3567CC · 104×105  <b>4D34</b> 1991~ D4×3907CC · 104×105 CANTER -FE439 ROSA -BE439,647  <b>4D34-T</b> 1989/9~ D4×3907CC · 104×115	<b>M121H</b>	63-121-1	5	1~5	77.93	82.02	2.007	27.13	<b>ME999384</b>
		63-117-2	5	1~5	77.93	82.02	2.007	27.13	
	<b>R122H</b>	64-122-1 64-122-2	4	1~4	64.94	69.02	2.000	33.13	<b>ME997261</b>
			4	1~4	64.94	69.02	2.000	33.13	
	<b>T121H</b>	65-121-1	3	5	—	—	2.450	—	<b>ME013644</b> <b>ME013560</b>
	<b>P122H</b>	67-122-1 67-122-(L)	4	1~4	35.98	40.03	2.000	26.35 38.40	<b>ME013075</b>

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>4DQ3, 4DQ3-T</b> 1975~ D4×1490CC · 77×80 FORKLIFT -KFD25  <b>4DQ5</b> 1975~ D4×2080CC · 84×94 FORKLIFT -FD15,20  <b>4DQ11</b> 1965~71 D4×1986CC · 82×94 CANTER -T720,722  <b>4DQ50</b> 1972~73 D4×2080CC · 84×94	<b>M116H</b>	63-116-(1)	2	1	64.97	69.02	1.990	36.90	<b>30609-11011</b> <b>30609-01013</b> <b>30609-01012</b>	
		63-116-2	2	2,3	64.97	69.02	1.990	32.13		
		63-116-3	2	2,3	64.97	69.02	1.990	32.13		
	<b>R116H</b>	64-116-1	8	1~4	57.94	61.02	1.500	30.13	<b>30619-22102</b> <b>30619-22101</b> <b>30619-22100</b>	
<b>4DR1</b> 1968~69 D4×2384CC · 88×98 CANTER -T90,92,94 ROSA -B14A	<b>MP109H</b>	63-109-1	1	1~5	69.94	74.02	2.000	28.13	<b>ME997202</b> <b>ME999080</b> <b>ME001041</b> <b>31309-10010</b>	
		63-109-2	1	1~5	69.94	74.02	2.000	28.13		
	<b>RP109H</b>		64-109-1	2	1~4	55.95	61.02	2.000	32.13	<b>ME002019</b> <b>ME002001</b> <b>31619-02100</b>
	<b>T110H</b>		65-110-1	3	5	—	—	2.500	—	
<b>4DR5</b> 1970~91 D4×2659CC · 92×100 CANTER -FB320,FE300  <b>4DR50, 51, 52</b> 1970~89 D4×2659CC · 92×100 CANTER -FB120,FE120 ROSA -B200,210,360 JEEP -J24,36,44,55 FORKLIFT-FD15	<b>M109H</b>	63-109-1	5	1~5	69.94	74.02	2.000	28.13	<b>ME997202</b> <b>ME999080</b> <b>ME001041</b> <b>31309-10010</b>	
		63-109-2	5	1~5	69.94	74.02	2.000	28.13		
	<b>R109H</b>	64-110-1	8	1~4	57.95	62.02	2.000	32.13	<b>ME002001</b> <b>31619-02100</b> <b>ME002019</b>	
	<b>T110H</b>	65-110-1	3	5	—	—	2.500	—		<b>31309-08101</b> <b>31309-08100</b>
	<b>C109L</b>	62-109-1	1	1	54.44	57.02	1.250	36.00	<b>31307-13101</b> <b>31307-13201</b> <b>31307-13301</b>	
		62-109-2	1	2	54.44	57.02	1.250	26.00		
		62-109-3	1	3	53.94	57.02	1.500	26.00		
	<b>P109H</b>	67-109-1	4	1~4	27.88	31.03	1.530	36.00	<b>31619-00700</b>	
<b>4DR6-T</b> 1986~ D4×2659CC · 92×100 JEEP 2700 -J35  <b>4DR7</b> 1989~ D4×2835CC · 95×100	<b>M109H</b>	63-109-1	5	1~5	69.94	74.02	2.000	28.13	<b>ME997202</b> <b>ME999080</b>	
		63-109-2	5	1~5	69.94	74.02	2.000	28.13		
	<b>R134H</b>	64-110-1	4	1~4	57.94	62.02	2.000	32.13	<b>ME999764</b>	
		64-134-1	4	1~4	57.94	62.02	2.000	32.13		
	<b>RP134H</b>	64-110-1	1	1~4	57.94	62.02	2.000	32.13	<b>ME999764</b>	
		64-134-1	1	1~4	57.94	62.02	2.000	32.13		
	<b>T110H</b>		65-110-1	3	5	—	—	2.500	—	<b>31309-08101</b>
	<b>C</b>									<b>31707-20700</b> <b>31307-13201</b> <b>31307-13301</b> <b>ME002153</b>
<b>P</b> (FOR 4DR6-T)										



# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>4M50-T</b> 1997~ D4×4899CC · 114×120 CANTER -FE73,FK71 -ME17 ROSA -BE64,65,66	<b>M144H</b>	63-144-1	5	1~5	85.93	91.02	2.503	27.13	<b>ME995143~47</b>	
		63-144-2	5	1~5	85.93	91.02	2.503	27.13		
	<b>R144H</b>	64-144-1	4	1~4	64.94	69.02	2.000	33.13	<b>ME995153~57</b>	
		64-122-2	4	1~4	64.94	69.02	2.000	33.13		
	<b>T145H</b>	65-145-1	4		—	—	2.450	—	<b>ME242094</b>	
<b>4M51</b> 1997~2005 D4×5249CC · 118×120 CANTER -FE54,65,70 -FF83 -FG70,72,82,83 ROSA -BE63	<b>M144H</b>	63-144-1	5	1~5	85.93	91.02	2.503	27.13	<b>ME995143~47</b>	
		63-144-2	5	1~5	85.93	91.02	2.503	27.13		
	<b>R145H</b>	64-145-1	4	1~4	59.95	64.02	2.000	33.13	<b>ME995148~52</b>	
		64-108-1	4	1~4	59.95	64.02	2.000	33.13		
	<b>T145H</b>	65-145-1	4		—	—	2.450	—	<b>ME242094</b>	
<b>6D10</b> 1974~80 D6×5974CC · 105×115 TRUCK -T654,FK103 BUS -MK103  <b>6D11</b> 1974~80 D6×6754CC · 105×130 TRUCK -FM104 BUS -MM104,504  <b>6D14, 6D14-T</b> 1975~ D6×6557CC · 110×115 TRUCK -FK115,215,415 425,435,515 T656,FM104,215 BUS -BF215,115 MK115 MM115,515  <b>6D15</b> 1979~ D6×6919CC · 113×115 TRUCK -FK116,216,415 515,516 FM316 BUS -MK116,126,516 MM516	<b>M112H2</b>	63-112-1	7	1~7	79.94	85.02	2.500	28.13	<b>ME031634</b> <b>ME031525</b> <b>ME999199</b> <b>ME999296</b> <b>ME031345</b> <b>ME031078</b>	
		63-112-2	7	1~7	79.94	85.02	2.500	28.13		
		<b>R112H1</b>	64-112-1 (WITHOUT HOLE)	12	1~6	64.92	69.02	2.000	34.13	<b>ME032518</b> <b>ME032417</b> <b>ME032332</b> <b>ME032016</b> <b>ME997367</b> <b>ME999550</b>
		<b>T112H</b>	65-112-1	3	7	—	—	2.450	—	<b>ME031059</b>
		<b>P112H</b>	67-112-1	6	1~6	38.00	41.02	1.490	42.00	<b>ME033943</b> <b>ME032015</b> <b>ME032014</b>
		<b>C</b>								<b>ME031042</b> <b>ME031043</b> <b>ME031044</b> <b>ME031096</b>
		<b>P</b> (FOR 6D14, 15, 16, 17)								<b>ME071141</b> <b>ME071142</b> <b>ME071143</b> <b>ME071144</b> <b>ME071944</b>
	<b>P129H</b> (FOR 6D10)	67-129-1	6	1~6	37.90	42.04	2.030	28.30	<b>ME072126</b> <b>ME035381</b> <b>ME035380</b>	
		67-129-(L)	—	—	—	—	—	41.40		<b>ME072128</b>

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>6D14-T</b> 1983 D6×6557CC · 110×115 TRUCK BUS  <b>6D15-T</b> 1987~ D6×6919CC · 113×115 TRUCK -FM516 FE416,516  <b>6D16</b> 1987~ D6×7545CC · 118×115 TRUCK -FK337,417,427 467,516,517 FL417,FM517 BUS -MM117,527 MJ117,MK117	<b>M112H2</b>	63-112-1	7	1~7	79.94	85.02	2.500	28.13	<b>ME031634</b> <b>ME031525</b> <b>ME999199</b> <b>ME999296</b> <b>ME031345</b> <b>ME031078</b>  <b>ME999892</b> <b>ME999891</b>  <b>ME071163</b>
		63-112-2	7	1~7	79.94	85.02	2.500	28.13	
	<b>R129H1</b>	64-112-1 64-129-1 (WITH HOLE)	6 6	1~6 1~6	64.92 64.92	69.02 69.02	2.000 2.000	34.13 34.13	
	<b>T129H</b>	65-129-1	3	4	—	—	2.450	—	
<b>6D16</b>  D6×7545CC · 118×115 TRUCK -FH227  <b>6D16-T</b> D6×7545CC · 118×115 TRUCK -FK227 FN612,622 BUS -MM822,MK612  <b>6D17</b>  D6×8201CC · 118×125 TRUCK -FK618,628,629 728 FL628,638 FH228 BUS -MJ629	<b>M146H</b>	63-146-1	7	1~7	83.94	89.02	2.500	28.13	<b>ME995344</b>  <b>ME999892</b> <b>ME999891</b>  <b>ME072128</b>
		63-146-2	7	1~7	83.94	89.02	2.500	28.13	
	<b>R129H1</b>	64-112-1	6	1~6	64.92	69.02	2.000	34.13	
		64-129-1	6	1~6	64.92	69.02	2.000	34.13	
	<b>P129H</b>	67-129-1	6	1~6	37.90	42.04	2.030	28.30	
		67-129-(L)	—	—	—	—	—	41.40	
<b>6D20, 21</b> 1975~83 D6×10308CC · 125×140 TRUCK -FP117, FU117 BUS -MP107, 117, 123 CRANE -K202  <b>6D22A</b> 1979~83 D6×11149CC · 130×140 TRUCK -FN328, 428 FP418, FT418 FU318, 378 BUS -MP118, 518	<b>M115H</b>	63-115-1	7	1~7	99.94	106.02	3.000	31.13	<b>ME052053</b> <b>30909-00010</b>  <b>ME052069</b> <b>30919-02102</b> <b>30919-02101</b> <b>30919-02100</b>  <b>31109-07109</b> <b>31109-07101</b>  <b>31209-78101</b>  <b>ME052660</b>  <b>ME051187</b> <b>ME051188</b> <b>ME051189</b> <b>ME051190</b> <b>ME051191</b>
		63-115-2	7	1~7	99.94	106.02	3.000	31.13	
	<b>R115H</b>	64-115-1	12	1~6	83.94	90.02	3.000	44.13	
		<b>T107H</b> (UP TO '79/10)	65-107-1	3	7	—	—	2.950	
	<b>T114H</b> (AFTER '79/11)	65-114-1	3	7	—	—	2.950	—	
	<b>P115H</b>	67-115-1	6	1~6	50.01	55.16	2.500	46.00	
	★ <b>C115H</b>	62-115-1	1	1	64.94	72.03	3.500	26.00	
		62-115-2	1	2	64.91	72.03	3.375	26.00	
		62-115-3	2	3,4	65.41	72.03	3.250	26.00	
		62-115-4	2	5,6	65.69	72.03	3.125	26.00	
		62-115-5	1	7	65.94	72.03	3.000	34.00	

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>6D22, 6D22-T, 6D23</b> 1983~ D6×11149CC · 130×140 TRUCK -FN428,FP418 FS318,418 FT318,418 FV418 FU318,358,418 478 BUS -MP128	<b>M115H</b>	63-115-1	7	1~7	99.94	106.02	3.000	31.13	<b>ME052053</b> <b>30909-00010</b>	
		63-115-1	7	1~7	99.94	106.02	3.000	31.13		
	<b>R125H</b>	64-115-1	6	1~6	83.94	90.02	3.000	44.13	<b>ME052488</b>	
		64-125-1	6	1~6	83.94	90.02	3.000	44.13		
	<b>T114H</b>	65-114-1	3	7	—	—	2.950	—	<b>31209-78101</b>	
	<b>6D24</b> 1995~2004 D6×11,945CC · 130×150 TRUCK	<b>M901H</b>	63-901-1	7	1~7	99.94	106.02	3.000	28.63	<b>ME350864</b> <b>ME994204</b>
			63-901-2	7	1~7	99.94	106.02	3.000	28.63	
		<b>R901H</b>	64-901-1	6	1~6	83.94	90.02	3.000	41.13	<b>ME181337</b>
			64-901-2	6	1~6	83.94	90.02	3.000	44.13	
<b>T114H</b>		65-114-1	3	7	—	—	2.950	—	<b>31209-78101</b>	
<b>P901H</b>		67-901-1 67-901-(L)	6 —	1~6 —	50.02 —	55.12 —	2.500 —	31.50 45.40	<b>ME151450</b>	
<b>6D31, 6D31-T</b> 1985~ D6×4948CC · 100×105		<b>M132H</b>	63-121-1	7	1~7	77.93	82.02	2.007	27.13	<b>ME999711</b>
			63-117-2	7	1~7	77.93	82.02	2.007	27.13	
	<b>R132H</b>	64-108-1	6	1~6	59.95	64.02	2.000	33.13	<b>ME999726</b>	
		64-121-2	6	1~6	59.95	64.02	2.000	33.13		
	<b>T108H</b>	65-108-1	3	5	—	—	2.450	—	<b>ME020328</b> <b>ME013564</b>	
	<b>P903H</b>	67-903-1	6	1~6	33.99	37.02	1.540	38.80	<b>ME012257</b>	
	★ <b>C903H</b>	62-903-1	1	1	54.44	58.53	2.000	41.30	<b>ME029225</b>	
		62-903-2	1	2	54.44	58.03	1.750	21.30	<b>ME011593</b>	
		62-903-3	1	3	53.44	57.53	2.000	21.03	<b>ME011594</b>	
62-903-4		1	4	52.94	57.03	2.000	21.03	<b>ME081526</b>		
<b>6D34</b> D6×5861 · 104×115	<b>M132H</b>	63-121-1	7	1~7	77.93	82.02	2.007	27.13	<b>ME999711</b>	
		63-117-2	7	1~7	77.93	82.02	2.007	27.13		
	<b>R143H</b>	64-122-1	6	1~6	64.94	69.02	2.000	33.13	<b>ME995175~9</b>	
		64-122-2	6	1~6	64.94	69.02	2.000	33.13		
	<b>T121H</b>	65-121-1	3	—	—	—	2.450	—	<b>ME013644</b> <b>ME013560</b>	
	<b>6D40</b> 1990~2000 D6×12,030CC TRUCK	<b>M902H</b>	63-902-1	1	4	99.94	106.02	3.000	41.13	<b>ME121080</b>
63-902-2			1	4	99.94	106.02	3.000	41.13		
63-115-1			6	1,2,3,5,6,7	99.94	106.02	3.000	31.13		
63-115-2			6	1,2,3,5,6,7	99.94	106.02	3.000	31.13		
			6	1,2,3,5,6,7	99.94	106.02	3.000	31.13		
<b>R125H</b>		64-115-1	6	1~6	83.94	90.02	3.000	44.13	<b>ME120101</b> <b>ME121362</b>	
		64-125-1	6	1~6	83.94	90.02	3.000	44.13		
<b>T124H</b>		65-124-1	3	5	—	—	2.950	—	<b>31209-33100</b>	

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>6DB1, 6DB10</b> 1965~85 D6×8550CC · 110×150 TRUCK -T330,331,337 385,387,388 389,410,482 W82 BUS -R410,420,430 450,470,480 510,520 FIRE ENGINE -T387,410	<b>M106H</b>	63-106-1	2	1,4	89.94	96.02	3.000	49.13	<b>30009-39004</b> <b>30009-39002</b> <b>30009-31002</b> <b>30009-22002</b> <b>30009-26004</b>	
		63-106-2	2	1,4	89.94	96.02	3.000	49.13		
		63-106-3	4	2,3,5,6	89.94	96.02	3.000	31.13		
		63-106-4	4	2,3,5,6	89.94	96.02	3.000	31.13		
		63-106-5	1	7	89.94	96.02	3.000	56.13		
		63-106-6	1	7	89.94	96.02	3.000	56.13		
	<b>R106H</b>	64-106-1	12	1~6	74.93	81.02	3.007	41.13	<b>30019-12102</b> <b>ME999056</b>	
	<b>T106P</b>	65-106-1	4	4	—	—	4.950	—	<b>30009-18104</b> <b>30009-18103</b> <b>30009-18101</b>	
<b>6DC2, 6DC20</b> 1967~78 DV6×9955CC · 130×125 BUS -B800 TRUCK -FP101,201,W81 T800,810,910 CRANE -K201,202,251 FIRE ENGINE -T200,810,910	<b>MP107H3</b>	63-107-1	1	1~4	99.90	106.02	3.010	31.13	<b>31109-40020</b> <b>31109-00000</b>	
		63-107-2	1	1~4	99.90	106.02	3.010	31.13		
	(1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)									
	<b>RP107H3</b>	64-107-1	2	1~6	83.94	90.02	3.000	37.63	<b>31119-51000</b> <b>31119-50000</b> <b>31119-00001</b>	
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)									
	<b>T107H</b>	65-107-1	3	4	—	—	2.950	—	<b>31109-07109</b> <b>31109-07101</b>	
<b>P107H</b>	67-107-1	4	1~4	44.95	49.03	2.000	21.50	<b>31219-05501</b> <b>31219-05500</b>		
*2 PCS/CON-ROD TYPE (4 PCS/PACKAGE, 3 PACKAGES/ENGINE)										
<b>P114H</b>	67-114-1	2	1~2	44.95	51.03	3.000	48.00	<b>31219-02200</b>		
*1 PC/CON-ROD TYPE (2 PCS/PACKAGE, 3 PACKAGES/ENGINE)										
<b>6DR5</b> 1970~82 D6×3988CC · 92×100  <b>6DR50</b> 1970~86 D6×3988CC · 92×100 FORKLIFT-FD35,40,60	<b>M110H</b>	63-109-1	7	1~7	69.94	74.02	2.000	28.13	<b>ME999081</b> <b>31409-10010</b>	
		63-109-2	7	1~7	69.94	74.02	2.000	28.13		
	<b>R110H</b>	64-110-1	12	1~6	57.95	62.02	2.000	32.13	<b>ME002001</b> <b>ME002023</b> <b>31619-02100</b>	
	<b>T110H</b>	65-110-1	3	7	—	—	2.500	—	<b>31309-08101</b> <b>31309-08100</b>	
	<b>C110L</b>	62-109-1	1	1	54.44	57.02	1.250	36.00	<b>31707-03600</b> <b>31307-13201</b> <b>31307-13301</b> <b>31307-13401</b>	
		62-109-2	1	2	54.44	57.02	1.250	26.00		
		62-109-3	1	3	53.94	57.02	1.500	26.00		
		62-109-4	1	4	52.94	57.02	2.000	26.00		
	<b>P110H</b>	67-109-1	6	1~6	27.88	31.03	1.530	36.00	<b>31619-00792</b> <b>31619-00700</b>	

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>6DS1, 6DS10</b> 1964~72 D6×4678CC · 95×110 BUS -MR620  <b>6DS3, 6DS30</b> 1973~76 D6×5103CC · 95×120 TRUCK -T652 BUS -B622  <b>6DS5, 6DS50</b> 1970~72 D6×4978CC · 98×110 TRUCK -T651 BUS -B620  <b>6DS7, 6DS70</b> 1973~83 D6×5430CC · 98×120 TRUCK -T653 BUS -B623,MK102	<b>M108H3</b>	63-117-1	7	1~7	77.93	82.02	2.007	27.13	<b>ME025265</b> <b>ME020323</b> <b>30809-02000</b> <b>30809-01009</b> <b>30809-01000</b>  <b>ME025292</b> <b>ME020452</b> <b>30819-02100</b>  <b>ME020328</b> <b>30809-08101</b>
		63-117-2	7	1~7	77.93	82.02	2.007	27.13	
	64-108-1	12	1~6	59.95	64.02	2.000	33.13		
		65-108-1	3	7	—	—	2.450	—	
<b>6M7</b> 2001~ D6×12,882CC · 135×150 TRUCK	<b>M901H</b>		63-901-1	7	1~7	99.94	106.02	3.000	28.63
		63-901-2	7	1~7	99.94	106.02	3.000	28.63	
	<b>R901H</b>	64-901-1	6	1~6	83.94	90.02	3.000	41.13	
		64-901-2	6	1~6	83.94	90.02	3.000	41.13	
	<b>T124H</b>	65-124-1	3	5	—	—	2.950	—	
<b>6M60-T</b>  D6×7545CC · 118×115 TRUCK -FK61,FQ61 BUS -MM86,MK26	<b>M146H</b>	63-146-1	7	1~7	83.94	89.02	2.500	28.13	<b>ME993942</b> <b>ME995344</b>  <b>ME995564</b>
		63-146-2	7	1~7	83.94	89.02	2.500	28.13	
	<b>R146H</b>	64-146-1	6	1~6	69.94	74.02	2.010	34.13	
		64-146-2	6	1~6	69.94	74.02	2.010	34.13	
<b>6M61</b>  D6×8201CC · 118×125 TRUCK -FK71,FL63 BUS -MJ26,MK23,27	<b>M146H</b>	63-146-1	7	1~7	83.94	89.02	2.500	28.13	<b>ME995344</b>  <b>ME999892</b> <b>ME999891</b>
		63-146-2	7	1~7	83.94	89.02	2.500	28.13	
	<b>R129H1</b>	64-112-1	6	1~6	64.92	69.02	2.000	34.13	
		64-129-1	6	1~6	64.92	69.02	2.000	34.13	

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>8DC2, 8DC20</b> 1967~76/10 DV8×13273CC · 130×125 TRUCK -T801,811,901 911,931,951 FT102,FU102 FV102,D200 TRACTOR -W120,122,150 CRINE -K130 FIRE ENGINE -T911	<b>MP107H3</b>	63-107-1	1	1~5	99.90	106.02	3.000	31.13	<b>ME093879~85</b> <b>31209-70020</b> <b>31209-01001</b> <b>31209-00000</b>  <b>31219-51000</b> <b>31219-50000</b> <b>31219-00001</b>  <b>31109-07109</b> <b>31109-07101</b>  <b>31219-05501</b> <b>31219-05500</b>  <b>31219-02200</b>	
		63-107-2	1	1~5	99.90	106.02	3.000	31.13		
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
	<b>RP107H3</b>	64-107-1	2	1~8	83.94	90.02	3.000	37.63		
		(1 PAIR/PACKAGE, 8 PACKAGES/ENGINE)								
<b>8DC4, 8DC40</b> 1974~76/10 DV8×13273CC · 130×125 TRUCK -FP112 FU112,212 FQ112,FS112 FT112,NV112 FV112	<b>T107H</b>	65-107-1	3	5	—	—	2.950	—		
	<b>P107H</b>	67-107-1	4	1~8	44.95	49.03	2.000	21.50		
		*2 PCS/CON-ROD TYPE (4 PCS/PACKAGE, 4 PACKAGES/ENGINE)								
	<b>8DC6, 8DC60</b> 1971~76/10 DV8×14886CC · 135×130 TRUCK -T902,932,952 982 FP103,FT103 FU103,FV103 NV113	<b>P114H</b>	67-114-1	2	1~8	44.95	51.03	3.000	48.00	
*1 PC/CON-ROD TYPE (2 PCS/PACKAGE, 4 PACKAGES/ENGINE)										
<b>8DC8, 8DC80</b> 1974~76/10 DV8×14886CC · 135×130 TRUCK -FP113,FU113 FV113,FT313 FT113,FR113 BUS -MS512,513										



# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.																
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)																	
<b>8DC2, 8DC20</b> 1976/11~79/6 DV8×13273CC · 130×125 BUS -B806,900,905 D200 TRUCK -FR102,FT102 FV102 CRANE -K201,302,701 FIRE ENGINE -FT102	<b>MP107H3</b>	63-107-1	1	1~5	99.90	106.02	3.000	31.13	<b>ME093879~85</b> <b>31209-70020</b> <b>31209-01001</b> <b>31209-00000</b>  <b>31219-71010</b>    <b>31209-78101</b>  <b>31219-70600</b>																
		63-107-2	1	1~5	99.90	106.02	3.000	31.13																	
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)																								
	<b>RP114H1</b>	64-114-1	1	—	83.94	90.02	3.000	37.63																	
		64-114-2	1	—	83.94	90.02	3.000	37.63																	
		64-114-3	2	—	83.94	90.02	3.000	37.63																	
	(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)																								
	<b>T114H</b>	65-114-1	3	5	—	—	2.950	—																	
	<b>8DC4, 8DC40</b> 1976/10~79/6 DV8×13273CC · 130×125 TRUCK -FP112,113 FQ112 FT112,212 FV112 FU112,212 NV112 CRANE -K252 FIRE ENGINE -FT112	<b>P125H</b>	67-125-1	2	1~8	44.95	51.02	3.000		41.70															
			67-125-(L)	—	—	—	—	—		56.50															
(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)																									
<b>8DC6, 8DC60</b> 1976/11~79/6 DV8×14886CC · 135×130 BUS -B907 TRUCK -FP103,FT103 FU103,FV103 NV13 CRANE -K400																									
										<b>8DC7, 8DC70</b> 1976/11~79/6 DV8×13804CC · 130×130 TRUCK -FS119,FT119 FU119,FV119															
																		<b>8DC8, 8DC80</b> 1976/11~79/6 DV8×14886CC · 135×130 BUS -MS512,513 TRUCK -FP113,FR113 FS313 FT113,313 FW123, FU113,213,312							

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>8DC2, 8DC20</b> 1979/7~80 DV8×13273CC · 130×125 BUS -B806,905,D200 CRANE -K201,701  <b>8DC4, 8DC40</b> 1979/7~80 DV8×13273CC · 130×125 TRUCK -FP112,113 FQ112 FT112,212 FV112 FU112,212 NV112 CRANE -K252 FIRE ENGINE -FT112  <b>8DC6, 8DC60</b> 1979/7~80 DV8×14886CC · 135×130 BUS -B907 TRUCK -FP103,FT103 FU103,NV113 CRANE -K400	<b>MP107H3</b>	63-107-1	1	1~4	99.90	106.02	3.000	31.13	<b>ME093879~85</b> <b>31209-70020</b> <b>31209-01001</b> <b>31209-00000</b>  <b>31219-71010</b>   <b>31209-33100</b>  <b>31219-70600</b>	
		63-107-2	1	1~4	99.90	106.02	3.000	31.13		
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
	<b>RP114H1</b>	64-114-1	1	—	83.94	90.02	3.000	37.63		
		64-114-2	1	—	83.94	90.02	3.000	37.63		
		64-114-3	2	—	83.94	90.02	3.000	37.63		
	(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)									
	<b>T124H</b>	65-124-1	3	5	—	—	2.950	—		
	<b>P125H</b>	67-125-1	2	1~8	44.95	51.02	3.000	41.70		
		67-125-(L)	—	—	—	—	—	56.50		
(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)										
<b>8DC7, 8DC70</b> 1979/7~80 DV8×13804CC · 130×130 TRUCK -FS119,FT119 FU119,FV119  <b>8DC8, 8DC80</b> 1979/7~80 DV8×14886CC · 135×130 BUS -MS512,513 TRUCK -FP113,FR113 FS313 FT113,313 FW123, FU113,213,312	<b>M107H2</b>	63-107-1	5	1~5	99.90	106.02	3.000	31.13	<b>ME093879~85</b> <b>31209-70020</b> <b>31209-00000</b> <b>31209-01001</b>  <b>31219-71010</b>   <b>31209-33100</b>  <b>31219-70600</b>	
		63-107-2	5	1~5	99.90	106.02	3.000	31.13		
	<b>R114H1</b>	64-114-1	4	—	83.94	90.02	3.000	37.63		
		64-114-2	4	—	83.94	90.02	3.000	37.63		
		64-114-3	8	—	83.94	90.02	3.000	37.63		
	(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)									
	<b>T124H</b>	65-124-1	3	5	—	—	2.950	—		
	<b>P125H</b>	67-125-1	2	1~8	44.95	51.02	3.000	41.70		
		67-125-(L)	—	—	—	—	—	56.50		
	(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)									
<b>8DC61</b> 1980~81 DV8×14886CC · 135×130  <b>8DC81</b> 1980~82/2 DV8×14886CC · 135×130 BUS -MS613 TRUCK -FS613,313 FT313 FU353,313 CRANE -K253 FIRE ENGINE -FT313	<b>MP107H3</b>	63-107-1	1	1~5	99.90	106.02	3.000	31.13	<b>ME093879~85</b> <b>31209-70020</b> <b>31209-01001</b> <b>31209-00000</b>  <b>31219-71010</b>   <b>31209-33100</b>	
		63-107-2	1	1~5	99.90	106.02	3.000	31.13		
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
	<b>RP114H1</b>	64-114-1	1	—	83.94	90.02	3.000	37.63		
		64-114-2	1	—	83.94	90.02	3.000	37.63		
		64-114-3	2	—	83.94	90.02	3.000	37.63		
	(2 PAIRS/PACKAGE, 4 PACKAGES/ENGINE)									
	<b>T124H</b>	65-124-1	3	5	—	—	2.950	—		

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>8DC81, 82</b> 1982/3~ DV8×14886CC · 135×130 BUS -MS613,713,715 TRUCK -FP313,413 FR113 FS313,613 FU313,353,413 FV313,413 TRACTOR -FP313,NW413 CRANE -K253,303,523 602 FIRE ENGINE -FT313,413	<b>MP107H3</b>	63-107-1	1	1~5	99.90	106.02	3.000	31.13	<b>ME093879~85</b> <b>31209-70020</b> <b>31209-01001</b> <b>31209-00000</b>	
		63-107-2	1	1~5	99.90	106.02	3.000	31.13		
	(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)									
	<b>R124H1</b>	64-124-1	4	R1~4	89.91	95.02	2.510	37.63	<b>31219-32010</b>	
		64-124-2	4	L1~4	89.91	95.02	2.510	37.63		
		64-124-3	8	1~8	89.91	95.02	2.510	37.63		
	<b>T124H</b>	65-124-1	3	5	—	—	2.950	—	<b>31209-33100</b>	
	<b>8DC9, 8DC90</b> 1980~ DV8×16031CC · 135×140 BUS -MS615 MU515,525 TRUCK -FP415,FR415 FS415 FT315,415 FU415 FV215,315,415 FW125,315,425 TRACTOR -FP415,445 CRANE -K401,450,602 K1200,1500	<b>MP107H3</b>	63-107-1	1	1~5	99.90	106.02	3.000	31.13	<b>ME093879~85</b> <b>31209-70020</b> <b>31209-01001</b> <b>31209-00000</b>
			63-107-2	1	1~5	99.90	106.02	3.000	31.13	
		(1 PAIR/PACKAGE, 5 PACKAGES/ENGINE)								
<b>R124H1</b>		64-124-1	4	R1~4	89.91	95.02	2.510	37.63	<b>31219-32010</b>	
		64-124-2	4	L1~4	89.91	95.02	2.510	37.63		
		64-124-3	8	1~8	89.91	95.02	2.510	37.63		
<b>T124H</b>		65-124-1	3	5	—	—	2.950	—	<b>31209-33100</b>	
<b>P124H</b>		67-124-1	2	1~8	50.00	56.10	3.010	40.20	<b>ME062310</b> <b>31219-34300</b> <b>31219-34390</b>	
		67-124-(L)	—	—	—	—	—	56.50		
(2 PCS/PACKAGE, 4 PACKAGES/ENGINE)										
<b>8DC10</b> 1985~ DV8×16752CC · 138×140 TRUCK -FV416										
<b>8DC11</b> 1985~ DV8×17737CC · 142×140 TRUCK -FV419,FW429 TRACTOR-FP419,449 NW419										
<b>10DC6, 10DC60</b> 1973~77/3 DV10×18608CC · 135×130 BUS -MS504 TRUCK -FP204,FV204 CRANE -T813	<b>MP107H3</b>	63-107-1	1	1~6	99.90	106.02	3.000	31.13	<b>31909-70020</b> <b>31909-00000</b>	
		63-107-2	1	1~6	99.90	106.02	3.000	31.13		
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)									
	<b>RP107H3</b>	64-107-1	2	1~10	83.94	90.02	3.000	37.63	<b>31919-5100</b> <b>31919-5000</b>	
	(1 PAIR/PACKAGE, 10 PACKAGES/ENGINE)									
	<b>T107H</b>	65-107-1	3	6	—	—	2.950	—	<b>31109-07109</b> <b>31109-07101</b>	
	<b>P107H</b>	67-107-1	4	1~8	44.95	49.03	2.000	21.50	<b>31219-05501</b> <b>31219-05500</b>	
	*2 PCS/CON-ROD TYPE (4 PCS/PACKAGE, 5 PACKAGES/ENGINE)									
	<b>P114H</b>	67-114-1	2	1~8	44.95	51.03	3.000	48.00	<b>31219-02200</b>	
	*1 PC/CON-ROD TYPE (2 PCS/PACKAGE, 5 PACKAGES/ENGINE)									

# MITSUBISHI FUSO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>10DC60</b> 1977/4~83 DV10×18608CC · 135×130 BUS -MS504 TRUCK -EP204  <b>10DC80</b> 1977/4~80 DV10×18608CC · 135×130 TRUCK -FP214	<b>MP107H3</b>	63-107-1	1	1~6	99.90	106.02	3.000	31.13	<b>31909-70020</b> <b>31909-00000</b>	
		63-107-2	1	1~6	99.90	106.02	3.000	31.13		
	(1 PAIR/PACKAGE, 6 PACKAGES/ENGINE)									
	<b>RP114H1</b>	64-114-1	1	R1~5	83.94	90.02	3.000	37.63	<b>31919-71010</b>	
		64-114-2	1	L1~5	83.94	90.02	3.000	37.63		
		64-114-3	2	1~10	83.94	90.02	3.000	37.63		
(2 PAIRS/PACKAGE, 5 PACKAGES/ENGINE)										
<b>T114H</b>	65-114-1	3	6	—	—	2.950	—	<b>31209-78101</b>		
	<b>P125H</b>	67-125-1	2	1~10	44.95	51.02	3.000		41.70	
		67-125-(L)	—	—	—	—	—		56.50	
(2 PCS/PACKAGE, 5 PACKAGES/ENGINE)										

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>2AA1</b> 1973~ D2×975CC · 86×84 FOR INDUSTRIAL USE  <b>2AB1</b> 1971~ D2×1184CC · 86×102 FOR INDUSTRIAL USE	<b>M174H</b>	63-160-1	4	1,3	69.92	74.00	2.015	30.63	<b>5-11510-011</b>	
		63-160-2	2	2	69.92	74.00	2.015	21.53		
	<b>R174H</b>	64-160-1	4	1~2	52.92	56.00	1.510	22.53	<b>5-12271-005</b>	
		<b>T160H</b>	65-160-1	2	3	—	—	2.480		—
<b>P</b>								<b>9-11581-057</b> <b>9-12251-062</b>		
<b>2AE1</b> 1980~ D2×864CC · 80×86 FOR INDUSTRIAL USE	<b>M</b>	<b>R180H</b>	64-176-1	4	1~2	48.93	52.00	1.513	22.13	<b>5-11510-049</b> <b>8-94110-930</b> <b>8-94156-084</b> <b>5-12271-032</b>
			<b>T160H</b>	65-160-1	2	3	—	—	2.480	
	<b>P</b>								<b>9-11581-057</b> <b>5-12251-007</b>	
<b>2KA1</b> 1984~ D2×538CC · 70×70  <b>2KB1</b> 1984~ D2×584CC · 70×76  <b>2KC1</b> 1984~ D2×653CC · 74×76	<b>M192A</b>	63-192-1	3	1~3	51.92	56.00	2.008	16.53	<b>8-94411-915</b>	
		63-192-2	3	1~3	51.92	56.00	2.008	16.53		
	<b>R192A</b>	64-192-1	4	1~2	42.93	46.00	1.507	16.53	<b>5-12271-014</b>	
		<b>T192A</b>	65-192-1	2	—	—	—	2.660		—
<b>P</b>								<b>5-11599-002</b>		
<b>3AA1</b> 1972~ D3×1463CC · 86×84 FOR INDUSTRIAL USE  <b>3AB1</b> 1972~ D3×1777CC · 86×102 FOR INDUSTRIAL USE  <b>3AD1, 3AD1-T</b> 1979~ D3×1498CC · 86×86 FOR INDUSTRIAL USE	<b>M175H</b>	63-160-1	4	1,3	69.92	74.00	2.015	30.63	<b>5-11510-010</b>	
		63-160-2	4	2,4	69.92	74.00	2.015	21.53		
	<b>R175H</b>	64-160-1	6	1~3	52.92	56.00	1.510	22.53	<b>5-12271-005</b>	
		<b>T160H</b>	65-160-1	2	3	—	—	2.480		—
	<b>C160L1</b>	62-160-1	1	1	47.95	52.04	2.000	22.00	<b>5-11610-002</b> <b>9-11610-602</b>	
		62-160-2	1	2	47.95	52.04	2.000	22.00		
		62-160-3	1	3	47.95	52.04	2.000	22.00		
	<b>P</b>								<b>9-12251-062</b>	
<b>3AE1</b> 1980~ D3×1296CC · 80×86 FOR INDUSTRIAL USE  <b>3AF1</b> 1980~85 D3×1170CC · 76×86 FOR INDUSTRIAL USE	<b>M</b>	<b>R807H1</b>	64-807-1	6	1~3	48.93	52.00	1.513	22.13	<b>5-11510-033</b> <b>5-12271-032</b> <b>8-94110-930</b>
			<b>T160H</b>	65-160-1	2	3	—	—	2.480	
	<b>P</b>								<b>9-11581-057</b> <b>5-12251-007</b>	

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>3KA1</b> 1984~ D3×808CC · 70×70	<b>M193A</b>	63-192-1	4	1~4	51.92	56.00	2.008	16.53	<b>8-94411-291</b> <b>5-11510-061</b>	
		63-192-2	4	1~4	51.92	56.00	2.008	16.53		
	<b>R193A</b>	64-192-1	6	1~3	42.93	46.00	1.507	16.53	<b>8-94380-527</b> <b>5-12271-014</b>	
	<b>3KB1</b> 1984~ D3×877CC · 70×76	<b>T192A</b>	65-192-1	2	—	—	—	2.660	—	<b>5-11599-002</b>
<b>T806A</b>		65-806-1	2	—	—	—	2.660	—	<b>5-11599-003</b>	
<b>3KR1</b> 1984~ D3×1422CC · 81×92	<b>M806A</b>	63-806-1	4	1~4	59.92	64.00	2.010	16.53	<b>8-94334-3090</b> <b>5-11510-066</b>	
		63-803-2	4	1~4	59.92	64.00	2.010	16.53		
	<b>R</b>	<b>T806A</b>	65-806-1	2	—	—	—	2.660	—	<b>8-94156-084</b> <b>5-11599-003</b>
<b>3LA1</b> D3×920CC · 70×79.7	<b>M199A</b>		63-199-1	4	1~4	51.92	56.00	2.008	16.53	<b>8-97309-5820</b> <b>8-97037-5920</b> <b>8-94334-3080</b>
		63-192-2	4	1~4	51.92	56.00	2.008	16.53		
<b>3LB1</b> D3×1124CC · 77.4×79.7										
<b>3LB1-T</b> D3×1124CC · 77.4×79.7	<b>M805A</b>	63-805-1	5	1~5	55.92	60.00	2.010	16.53	<b>8-97077-7850</b> <b>8-97077-7860</b>	
		63-805-2	5	1~5	55.92	60.00	2.010	16.53		
<b>3LD1</b> D3×1496CC · 83.1×92.0	<b>M803A</b>	63-803-1	4	1~4	59.92	64.00	2.010	16.53	<b>8-97045-3890</b> <b>8-94334-3100</b>	
		63-803-2	4	1~4	59.92	64.00	2.010	16.53		
<b>4LC1</b> D4×1731CC · 77.4×92.0	<b>M</b>	<b>R804A</b>	64-804-1	8	1~4	45.93	49.00	1.507	16.53	<b>8-97077-7940</b> <b>8-97077-7930</b>
<b>4LE1</b> D4×2179CC · 85×96	<b>M804A</b>	63-803-1	5	1~5	59.92	64.00	2.010	16.53	<b>8-97045-3890</b> <b>8-94334-3100</b>	
		63-803-2	5	1~5	59.92	64.00	2.010	16.53		
<b>4BA1</b> 1971~75 D4×2755CC · 98×92 TRUCK -TLD24,34,44,54 64 BUS -BLD30	<b>M168H</b>	63-168-1	10	1~5	75.91	81.02	2.525	27.83	<b>5-11510-002</b> <b>9-11510-608</b>	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>	
	<b>T168H</b>	65-168-1	2	4	—	—	2.500	—	<b>9-11585-601</b>	
		65-168-2	2	4	—	—	2.500	—		
<b>C168L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>5-87810-017</b>		
	62-168-2	3	2~4	55.95	60.05	2.000	20.00			
<b>P177H</b>	67-177-1	4	1~4	32.98	38.03	2.530	38.00	<b>9-12251-603</b>		



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4BA1</b> 1975~79 D4×2755CC · 98×92 TRUCK -TLD24,34,44,54 64 BUS -BLD30	<b>M168H</b>	63-168-1	10	1~5	75.91	81.02	2.525	27.83	<b>5-11510-002</b> <b>9-11510-608</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C168L</b>	62-168-1 62-168-2	1 3	1 2~4	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>5-87810-017</b>
	<b>P177H</b>	67-177-1	4	1~4	32.98	38.03	2.530	38.00	<b>9-12251-603</b>
<b>4BA1</b> 1979~82 D4×2755CC · 98×92 TRUCK -TLD24,34,44,54 64 BUS -BLD30	<b>M</b>								<b>5-11510-051</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C168L</b>	62-168-1 62-168-2	1 3	1 2~4	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>5-87810-017</b>
	<b>P170H</b>	67-169-1	4	1~4	32.99	36.03	1.530	38.00	<b>9-12251-059</b>
<b>4BA1</b> 1982~85/10 D4×2755CC · 98×92 BUS -BL34	<b>M</b>								<b>5-11510-065</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C177L</b>	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11691-048</b> <b>9-11693-035</b>
	<b>P170H</b>	67-169-1	4	1~4	32.99	36.03	1.530	38.00	<b>9-12251-059</b>
<b>4BA1</b> 1985/11~ D4×2755CC · 98×92 TRUCK -TLD24,34,44,54 64 BUS -BLD30	<b>M177H1</b>	63-177-1 63-177-2	9 1	1~5 3	75.91 75.91	81.02 81.02	2.525 2.525	27.83 27.83	<b>8-94114-564</b> <b>5-11510-060</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T173H</b>	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>8-94114-565</b> <b>5-11685-001</b>
	<b>C177L</b>	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11691-048</b> <b>9-11693-035</b>
	<b>P170H</b>	67-169-1	4	1~4	32.99	36.03	1.530	38.00	<b>9-12251-059</b>

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4BB1</b> 1972~76 D4×3595CC · 102×110 BUS -BE20 TRUCK -KS11,21,31	<b>M168H</b>	63-168-1	10	1~5	75.91	81.02	2.525	27.83	<b>5-11510-002</b> <b>9-11510-608</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C168L</b>	62-168-1 62-168-2	1 3	1 2~4	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>5-87810-017</b>
	<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>
	<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>
<b>4BB1</b> 1977~78 D4×3595CC · 102×110 BUS -BE20 TRUCK -KS11,21,31	<b>M168H</b>	63-168-1	10	1~5	75.91	81.02	2.525	27.83	<b>5-11510-002</b> <b>9-11510-608</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C177L</b>	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11693-035</b> <b>9-11691-048</b>
	<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>
	<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>
<b>4BB1</b> 1979~81 D4×3595CC · 102×110 BUS -BE20 TRUCK -KS11,21,31	<b>M</b>								<b>5-11510-051-0</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C177L</b>	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11693-035</b> <b>9-11691-048</b>
	<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>
	<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>
<b>4BB1</b> 1981~85/10 D4×3595CC · 102×110 TRUCK -KS11,21,31	<b>M</b>								<b>5-11510-065-0</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C177L</b>	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11691-048</b> <b>9-11693-035</b>
	<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>
	<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4BB1</b> 1985/11~ D4×3595CC · 102×110 ELF -KS11,21,31	<b>M177H1</b>	63-177-1	9	1~5	75.91	81.02	2.525	27.83	<b>8-94114-564</b> <b>8-97011-024</b> <b>5-11510-060</b>
		63-177-2	1	3	75.91	81.02	2.525	27.83	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>8-94114-565</b> <b>5-11685-001</b>
		65-173-2	2	4	—	—	2.500	—	
	<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>
62-168-2		2	2,3	55.95	60.05	2.000	20.00		
<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>	
<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>	
<b>4BC1</b> 1979~81/9 D4×3268CC · 102×110 TRUCK -TLD55,65 BUS -BL35	<b>M</b>							<b>5-11510-051</b>	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>5-12271-002</b> <b>9-12271-608</b>
	<b>T168H</b>	65-168-1	2	4	—	—	2.500	—	<b>9-11585-601</b>
		65-168-2	2	4	—	—	2.500	—	
	<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>
62-168-2		2	2,3	55.95	60.05	2.000	20.00		
<b>P170H</b>	67-169-1	4	1~4	32.99	36.03	1.530	38.00	<b>9-12251-059</b>	
<b>4BC1</b> 1981~84 D4×3268CC · 102×100 TRUCK -TLD55,65 BUS -BL35,36	<b>M177H1</b>	63-177-1	9	1~5	75.91	81.02	2.525	27.83	<b>8-94114-564</b> <b>5-11510-060</b> <b>8-97011-024</b>
		63-177-2	1	3	75.91	81.02	2.525	27.83	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>5-12271-002</b> <b>9-12271-608</b>
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>8-94114-565</b> <b>5-11685-001</b>
		65-173-2	2	4	—	—	2.500	—	
<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11693-035</b> <b>9-11691-048</b>	
	62-168-2	2	2,3	55.95	60.05	2.000	20.00		
<b>P177H</b>	67-177-1	4	1~4	32.98	38.03	2.530	38.00	<b>9-12251-603</b> <b>5-12251-010</b>	
<b>4BC2</b> 1980~84/10 D4×3268CC · 102×100 TRUCK -TLD26,46,56,66 NKR57,NPR57 KT16,26,36,46 BUS -BL36,46	<b>M177H1</b>	63-177-1	9	1~5	75.91	81.02	2.525	27.83	<b>8-97011-024</b> <b>8-94114-564</b> <b>5-11510-060</b>
		63-177-2	1	3	75.91	81.02	2.525	27.83	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>5-12271-002</b> <b>5-12271-010</b> <b>9-12271-608</b>
	<b>T168H</b>	65-168-1	2	4	—	—	2.500	—	<b>9-11585-601</b>
		65-168-2	2	4	—	—	2.500	—	
	<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>
62-168-2		2	2,3	55.95	60.05	2.000	20.00		
<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>9-12251-602</b> <b>5-12251-006</b>	
<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>	

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4BC2</b> 1984/11~ D4×3268CC · 102×100 TRUCK -TLD26,46,56,66 -NKR57,NPR57 -KT16,26,36,46 BUS -BL36,46	<b>M177H1</b>	63-177-1	9	1~5	75.91	81.02	2.525	27.83	<b>8-97011-024</b> <b>8-94114-564</b> <b>5-11510-060</b>
		63-177-2	1	3	75.91	81.02	2.525	27.83	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>8-97011-031</b> <b>5-12271-002</b> <b>5-12271-010</b> <b>9-12271-608</b>
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>8-94114-565</b> <b>5-11685-001</b>
		65-173-2	2	4	—	—	2.500	—	
<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>	
	62-168-2	2	2,3	55.95	60.05	2.000	20.00		
<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>9-12251-602</b> <b>5-12251-006</b>	
<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>	
<b>4BD1</b> 1979~80/4 D4×3856CC · 102×118 TRUCK -KS12,22,32,42 BUS -BE22	<b>M178H</b>	63-178-1	9	1~5	79.91	85.02	2.525	26.83	<b>5-11510-054</b>
		63-178-2	1	3	79.91	85.02	2.525	26.83	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>8-94114-565</b> <b>5-11685-001</b>
		65-173-2	2	4	—	—	2.500	—	
<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>	
	62-168-2	2	2,3	55.95	60.05	2.000	20.00		
<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>	
<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>	
<b>4BD1, 4BD1-T</b> 1980/5~ D4×3856CC · 102×118 TRUCK -KS12,22,32,42 -NPR59,NPS59 BUS -BE22	<b>M190H1</b>	63-182-1	9	1~5	79.91	85.02	2.518	26.83	<b>8-94117-032</b> <b>5-11510-064</b>
		63-182-2	1	3	79.91	85.02	2.518	26.83	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b>
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>8-94114-565</b> <b>5-11685-001</b>
		65-173-2	2	4	—	—	2.500	—	
<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>	
	62-168-2	2	2,3	55.95	60.05	2.000	20.00		
<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>	
<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4BE1, 4BE2</b> 1985~ D4×3636CC · 105×105 TRUCK -NKR58,63 NKS58	<b>M177H1</b>	63-177-1	9	1~5	75.91	81.02	2.525	27.83	<b>5-11510-060</b> <b>8-94114-564</b> <b>8-97011-024</b>
		63-177-2	1	3	75.91	81.02	2.525	27.83	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>5-12271-002</b> <b>5-12271-010</b> <b>9-12271-608</b>
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>5-11685-001</b> <b>8-94114-565</b>
		65-173-2	2	4	—	—	2.500	—	
	<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>
62-168-2		2	2,3	55.95	60.05	2.000	20.00		
<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>	
<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>	
<b>4BG1</b> 1986~ D4×4329CC · 105×125 TRUCK -NPR61	<b>M190H1</b>	63-182-1	9	1~5	79.91	85.02	2.158	26.83	<b>5-11510-064</b> <b>8-94117-032</b>
		63-182-2	1	3	79.91	85.02	2.158	26.83	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>5-12271-002</b> <b>5-12271-010</b> <b>9-12271-608</b>
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>8-94114-565</b> <b>5-11685-001</b>
		65-173-2	2	4	—	—	2.500	—	
	<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>
62-168-2		2	2,3	55.95	60.05	2.000	20.00		
<b>P168H</b>	67-168-1	4	1~4	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>	
<b>P168HS</b>	67-168-1S	4	1~4	—	—	—	—	<b>1-12251-027/NB</b>	
<b>4EC1</b> 1986~ D4×1487CC · 76×82 GEMINI -JT600	<b>M187A</b>	63-187-1	5	1~5	47.92	52.00	2.006	15.50	<b>8-94151-600~3</b>
		63-187-2	5	1~5	47.92	52.00	2.006	15.50	
	<b>R187A</b>	64-187-1	8	1~4	45.93	49.00	1.506	16.80	<b>8-94314-253~5</b> <b>8-94151-604~6</b>
	<b>T187A</b>	65-187-1	2	2	—	—	2.210	—	<b>8-94321-611</b> <b>8-94124-100</b>
<b>P187H</b>	67-187-1	4	1~4	21.99	25.02	1.497	23.75	<b>8-94251-216</b>	
<b>4EC1-T NAVI</b> 1985~ D4×1487CC · 76×82 GEMINI -JT150,600	<b>M194A</b>	63-194-1	5	1~5	51.92	56.00	2.006	15.53	<b>8-94470-527~30</b> <b>8-94154-014~7</b>
		63-194-2	5	1~5	51.92	56.00	2.006	15.53	
	<b>R187A</b>	64-187-1	8	1~4	45.93	49.00	1.506	16.80	<b>8-94314-253~5</b> <b>8-94151-604~6</b>
<b>T</b>								<b>8-94427-387</b>	
<b>P</b>								<b>8-94114-054</b>	

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4FA1, 4FA1-T</b> 1981~ D4×1487CC · 76×82  <b>4FB1</b> 1979~ D4×1817CC · 84×82 GEMINI -PFD60 FARGO -WFR50,53 WFS53  <b>4FC1</b> 1981~ D4×1995CC · 84×90 ASKA -JJ150,510 FARGO -WFR51  <b>4FE1, 4FE1-T</b> 1985~ D4×1499CC · 76.3×82	<b>M176A</b>	63-172-1 63-176-2	9 1	1~5 3	55.92 55.92	60.00 60.00	2.011 2.011	21.86 21.86	<b>8-94110-927</b> <b>8-94220-838</b> <b>8-94250-262</b> <b>8-94420-010</b> <b>8-94420-015</b>
	<b>R176H</b>	64-176-1	8	1~4	48.93	52.00	1.513	22.13	<b>8-94110-930</b> <b>8-94221-167</b> <b>5-12271-032</b> <b>8-94257-556</b> <b>8-94329-497</b> <b>8-94329-498</b> <b>8-94329-499</b>
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—	<b>8-94250-265</b>
	<b>C176L</b>	62-176-1	10	1~5	27.96	31.02	1.500	16.13	<b>5-11611-010</b> <b>5-11611-011</b>
<b>4FB1-T</b> 1982~ D4×1817CC · 84×82  <b>4FC1-T</b> 1982~ D4×1995CC · 84×90 ASKA -JJ150,510 FARGO -WFR51,WFS51  <b>4FD1</b> 1985~ D4×2189CC · 88×90 FARGO -WFR53,WFS53  <b>4FG1</b> 1987~ D4×2380CC · 89.3×95 FARGO -WFR62,WFS62	<b>M176A</b>	63-172-1 63-176-2	9 1	1~5 3	55.92 55.92	60.00 60.00	2.011 2.011	21.86 21.86	<b>8-94420-010~5</b> <b>8-94250-262</b> <b>8-94220-838</b> <b>8-94110-927</b>
	<b>R176H</b>	64-176-1	8	1~4	48.93	52.00	1.513	22.13	<b>8-94329-497~9</b> <b>8-94257-556</b> <b>8-94221-167</b> <b>8-94110-930</b>
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—	<b>8-94250-265</b>
	<b>C176L</b>	62-176-1	10	1~5	27.96	31.02	1.500	16.13	<b>5-11611-011</b> <b>5-11611-010</b>
<b>4HE1-T</b> 1997~ D4×4751CC · 110×125 ELF -NPR70	<b>M801H</b>	63-801-1 63-801-2	5 5	1~5 1~5	81.91 81.91	87.02 87.02	2.518 2.518	27.33 27.33	<b>8-97045-915~7</b>
	<b>R808H</b>	64-808-1	8	1~4	72.90	78.00	2.517	30.43	<b>8-94395-757</b> <b>8-94131-186</b> <b>8-98064-281</b> <b>8-98064-282</b>
	<b>R814H</b>	64-808-1 64-814-1	4 4	1~4 1~4	72.89 72.89	78.00 78.00	2.517 2.517	30.43 30.43	<b>8-94391-794-1</b>
	(Upper & Lower type)								
	<b>T801A</b>	65-801-1 65-801-2	2 1	— —	— —	— —	3.000 3.000	— —	<b>8-94399-277</b> <b>8-94399-283</b>
	<b>P808H</b>	67-808-1	4	1~4	39.48	44.05	2.245	40.70	<b>8-94394-613-0</b>



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4HF1</b> 1990~ D4×4334CC · 112×110 ELF -NKR66,NPR66  <b>4HG1</b> 1997~ D4×4570CC · 115×110 -NKS71,NKR71	<b>M801H</b>	63-801-1	5	1~5	81.91	87.02	2.518	27.33	<b>8-97045-915~7</b>
		63-801-2	5	1~5	81.91	87.02	2.518	27.33	
	<b>R801H</b>	64-801-1	8	1~4	65.89	70.00	2.013	30.43	<b>8-97045-800~1</b>
	<b>T801A</b>	65-801-1	2	—	—	—	3.000	—	<b>8-94396-980</b> <b>8-94399-277</b> <b>8-94399-283</b>
		65-801-2	1	—	—	—	3.000	—	
	<b>C801A</b> (FOR 4HF1)	62-801-1	10	1~5	39.95	43.03	1.500	22.13	<b>8-94363-380</b>
<b>C804A</b> (FOR 4HG1)	62-804-1	10	1~5	39.94	43.02	1.500	16.13	<b>8-97386-189-0</b>	
<b>P801H</b>	67-801-1	4	1~4	35.99	40.02	2.040	29.80	<b>1-12251-036</b>	
	67-801-(L)	—	—	—	—	—	41.00		
<b>4HK1</b> 2005~ D4×5193CC · 115×125 TRUCK -FRD90,FRR90	<b>M801H</b>	63-801-1	5	1~5	81.91	87.02	2.518	27.33	<b>8-97045-915~7</b> <b>8-97372-076~8</b> <b>8-97219-456~8</b>
		63-801-2	5	1~5	81.91	87.02	2.518	27.33	
	<b>R808H</b>	64-808-1	8	1~4	72.90	78.00	2.517	30.43	<b>8-94395-757</b> <b>8-97131-186</b> <b>8-98064-281</b> <b>8-98064-282</b>
	<b>R814H</b> (Upper & Lower type)	64-808-1	4	1~4	72.89	78.00	2.517	30.43	<b>8-94391-794-1</b>
		64-814-1	4	1~4	72.89	78.00	2.517	30.43	
	<b>T801A</b>	65-801-1	2	—	—	—	3.000	—	<b>8-94396-980</b> <b>8-94399-277</b> <b>8-94399-283</b>
65-801-2		1	—	—	—	3.000	—		
<b>P808H</b>	67-808-1	4	1~4	39.48	44.05	2.245	40.70	<b>8-94394-613-0</b>	
<b>4JA1</b> 1985~ D4×2499CC · 93×92 TRUCK -NHR54,55  <b>4JC1</b> 1986~ D4×2238CC · 88×92  <b>4JD1</b> 1986~ D4×2039CC · 84×92  <b>4JE1</b> 1987~ D4×1862CC · 84×84  <b>4JF1</b> 1987~ D4×1496CC · 75.3×84  <b>D201</b> 1985~88 D4×2238CC · 88×92	<b>M184A1</b>	63-184-1	5	1~5	59.92	64.00	2.006	23.00	<b>8-97063-261~3</b> <b>8-94340-693~5</b> <b>8-94168-553</b> <b>8-94462-131</b> <b>8-94314-314</b> <b>8-94338-581</b>
		63-184-2	5	1~5	59.92	64.00	2.006	23.00	
	<b>R184A1</b>	64-184-1	8	1~4	52.92	56.00	1.513	25.80	<b>8-94324-159</b> <b>8-94125-747</b>
	<b>T184A</b>	65-184-1	2	3	—	—	2.480	—	<b>8-94454-605</b> <b>8-94125-752</b> <b>8-94168-555</b> <b>8-94454-604</b> <b>8-11581-045</b>
	<b>C184A1</b>	62-184-1	1	1	49.95	54.04	2.010	25.00	<b>8-94168-556</b>
		62-184-2	2	2,3	49.95	54.04	2.010	22.00	
	<b>P184H1</b>	67-184-1	4	1~4	30.99	34.03	1.530	33.00	<b>8-94419-455</b> <b>8-94247-968</b>

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>4JB1</b> 1985~ D4×2771CC · 93×102 TRUCK -WHR55 TROOPER -UBS55	<b>M185A</b>	63-185-1	5	1~5	69.92	74.00	2.006	23.03	<b>8-94168-552</b> <b>8-94453-761</b> <b>8-94481-026~8</b> <b>8-94481-029~31</b>
		63-185-2	5	1~5	69.92	74.00	2.006	23.03	
	<b>R184A1</b>	64-184-1	8	1~4	52.92	56.00	1.513	25.80	<b>8-9324-159</b> <b>8-94125-747</b>
	<b>T185A</b>	65-185-1	2	3	—	—	2.480	—	<b>8-94453-520</b> <b>8-94168-554</b> <b>8-94130-923</b> <b>8-94453-762</b>
	<b>C184A1</b>	62-184-1	1	1	49.95	54.04	2.010	25.00	<b>8-94168-556</b>
		62-184-2	2	2,3	49.95	54.04	2.010	22.00	
<b>P184H1</b>	67-184-1	4	1~4	30.99	34.03	1.530	33.00	<b>8-94419-455</b> <b>8-94247-968</b>	
<b>P184H1S</b>	67-184-1S	4	1~4	—	—	—	—	<b>8-94419-455/NB</b> <b>8-94247-968/NB</b>	
<b>4JG2</b> 1991~ D4×3059CC · 95.4×107 ELF -NHR69,NHS69A BIG HORN -UBS69	<b>M185A</b>	63-185-1	5	1~5	69.92	74.00	2.006	23.03	<b>8-94168-552</b> <b>8-94453-761</b> <b>8-94481-026~8</b> <b>8-94481-029~31</b> <b>8-97063258-0</b>
		63-185-2	5	1~5	69.92	74.00	2.006	23.03	
	<b>R184A1</b>	64-184-1	8	1~4	52.92	56.00	1.513	25.80	<b>8-97358234-0</b> <b>8-9324-159</b> <b>8-94125-747</b>
	<b>T185A</b>	65-185-1	2	3	—	—	2.480	—	<b>8-94453-520</b> <b>8-94168-554</b> <b>8-94130-923</b> <b>8-94453-762</b>
	<b>P185H</b>	67-185-1	4	1~4	34.00	37.02	1.530	33.00	<b>8-97311-438-0</b> <b>8-97383-066-0</b>
	<b>P185HS</b>	67-185-1S	4	1~4	—	—	—	—	<b>8-97311-438-0/NB</b> <b>8-97383-066-0/NB</b>
<b>4XC1, 4XC1-T</b> 1985~ G4×1471CC · 77×79 GEMINI -JT150	<b>M181A</b>	63-181-1	5	1~5	47.92	52.00	2.009	17.13	<b>8-94457-034~7</b> <b>8-94151-528~30</b> <b>8-94151-527</b>
		63-181-2	5	1~5	47.92	52.00	2.009	17.13	
	<b>R181A</b>	64-181-1	8	1~4	39.93	43.00	1.504	17.13	<b>8-94151-531~3</b>
<b>T181A</b>	65-181-1	2	3	—	—	2.210	—	<b>8-94409-869</b> <b>8-94257-903</b>	
<b>4XE1</b> 1990~ G4×1588CC · 80×79 GEMINI -JT190	<b>M191A</b>	63-191-1	5	1~5	51.92	56.00	2.009	17.13	<b>8-94360-465~8</b>
		63-191-2	5	1~5	51.92	56.00	2.009	17.00	
	<b>R191A</b>	64-181-1 64-191-2	4 4	1~4	39.93	43.00	1.504	17.13	<b>8-94481-860~2</b>
<b>T181A</b>	65-181-1	2	3	—	—	2.210	—	<b>8-94409-869</b> <b>8-94257-903</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>4ZA1</b> 1981~ G4×1584CC · 82×84 FARGO -WFR10  <b>4ZB1, 4ZB1-T</b> 1981~ G4×1817CC · 84×82 FARGO -WFR11 ASKA -JJ110  <b>4ZC1, 4ZC1-T</b> 1983~ G4×1994CC · 88×82 ASKA -JJ120 PIAZZA -JR120 TROOPER -UBS12 FARGO -WFR12  <b>4ZD1</b> 1985~ G4×2254CC · 89.3×90 TROOPER II	<b>M172A</b>	63-172-1	10	1~5	55.92	60.00	2.011	21.86	<b>8-94251-263</b> <b>8-94414-301~2</b> <b>8-94240-676</b> <b>8-94101-043</b> <b>8-94232-051</b> <b>5-11510-030</b>  <b>8-94251-266</b> <b>8-94414-305~6</b> <b>8-94483-772</b>  <b>8-94251-265</b>	
	<b>R172A1</b>	64-172-1	8	1~4	48.93	52.00	1.505	22.00		
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—		
<b>4ZE1</b> 1987~ G4×2559CC · 92.6×95 MU -UCS17 TROOPER II	<b>M197A</b>	63-172-1 63-197-2	5 5	1~5 1~5	55.92 55.92	60.00 60.00	2.011 2.011	21.86 21.86	<b>8-94446-580~2</b> <b>8-94340-684</b>  <b>8-94440-093~5</b>  <b>8-94481-907</b> <b>8-94251-265</b>	
	<b>R172A1</b>	64-172-1	8	1~4	48.93	52.00	1.505	22.00		
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—		
<b>6BB1</b> 1972~76/5 D6×5393CC · 102×110 TRUCK -FBR320,370 FORWARD 450 SBR320,322 372,380 400,450 452,482 500,522 552,560 JBR360,420 460,500 550,650 YBR310,320 360 BUS -DBR370,BK32	<b>M169H</b>	63-168-1	14	1~7	75.91	81.02	2.525	27.83	<b>9-11510-606</b>  <b>5-12271-010</b> <b>9-12271-608</b> <b>5-12271-002</b>  <b>9-11585-601</b>  <b>9-11691-048</b> <b>9-11693-035</b>  <b>9-12251-602</b> <b>1-12251-027</b> <b>5-12251-006</b>  <b>1-12251-027/NB</b>	
	<b>R169H1</b>	64-168-1	12	1~6	63.93	68.02	2.013	29.93		
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —		
	<b>C173L</b>	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00		
	<b>P173H</b>	67-168-1	6	1~6	34.98	38.03	1.530	38.00		
	<b>P173HS</b>	67-168-1S	6	1~6	—	—	—	—		

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>6BB1</b> 1976/6~78 D6×5393CC · 102×110 TRUCK -FBR320,370 450 SBR322,372 452,482 522,552 JBR360,420 460,500 550,650 BUS -CCM410,BK32  <b>6BD1</b> 1976~78 D6×5785CC · 102×118 TRUCK -SCR320,370 380,450 480,550 650 SCS330,370 420 BUS -ECM430	<b>M173H1</b>	63-173-1 63-173-2	13 1	1~7 5	79.91 79.91	85.02 85.02	2.525 2.525	27.83 27.83	<b>5-11510-048</b> <b>5-11510-013</b> <b>5-11510-046</b>	
	<b>R169H1</b>	64-168-1	12	1~6	63.93	68.02	2.013	29.93	<b>5-12271-010</b> <b>9-12271-608</b> <b>9-12271-178</b>	
	<b>T173H</b>	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>1-11680-001</b> <b>5-11685-001</b>	
	<b>C173L</b>	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11691-048</b> <b>9-11693-035</b>	
	<b>P173H</b>	67-168-1	6	1~6	34.98	38.03	1.530	38.00	<b>9-12251-602</b> <b>1-12251-027</b> <b>5-12251-006</b>	
	<b>P173HS</b>	67-168-1S	6	1~6	—	—	—	—	<b>1-12251-027/NB</b>	
	<b>6BB1</b> 1979~80/4 D6×5393CC · 102×110 TRUCK -SBR322,372 452,482 522,552 JBR360,420 460,500 550,650 BUS -DBR370  <b>6BD1, 6BD1-T</b> 1979~80/4 D6×5785CC · 102×118 TRUCK -SCR320,370 380,450 480,550 650 SCS330,370 420 BUS -CCM410  <b>6BF1, 6BF1-T</b> 1976~80/4 D6×6130CC · 105×118 TRUCK -JDR360,420 460,500 550,650 FDR320,370 420,450 480,550 SDR320,370 420,450 480,550 650	<b>M</b>								<b>1-11510-036</b> <b>1-11510-032</b>
		<b>R169H1</b>	64-168-1	12	1~6	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-010</b> <b>9-12271-178</b>
		<b>T173H</b>	65-173-1 65-173-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>1-11680-001</b> <b>5-11685-001</b>
		<b>C173L</b>	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11691-048</b> <b>9-11693-035</b>
<b>P173H</b>		67-168-1	6	1~6	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>	
<b>P173HS</b>		67-168-1S	6	1~6	—	—	—	—	<b>1-12251-027/NB</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>6BB1</b> 1979~80/4 D6×5393CC · 102×110 TRUCK -SBR322,372 452,482 522,552 JBR360,420 460,500 550,650 BUS -DBR370	<b>M182H1</b>	63-182-1	7	1~7	79.91	85.02	2.525	26.83	<b>1-11510-040</b> <b>1-11510-074</b> <b>1-11510-084</b> <b>1-11510-036</b> <b>1-11510-032</b>	
		63-182-2	7	1~7	79.91	85.02	2.525	26.83		
	<b>R169H1</b>	64-168-1	12	1~6	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-010</b> <b>9-12271-178</b>	
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>1-11680-001</b> <b>5-11685-000</b>	
		65-173-2	2	4			2.500			
	<b>6BD1, 6BD1-T</b> 1979~80/4 D6×5785CC · 102×118 TRUCK -SCR320,370 380,450 480,550 650 SCS330,370 420 BUS -CCM410	<b>C173L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>
			62-168-2	5	2~6	55.95	60.05	2.000	20.00	
		<b>P173H</b>	67-168-1	6	1~6	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>
		<b>P173HS</b>	67-168-1S	6	1~6	—	—	—	—	
	<b>6BF1, 6BF1-T</b> 1976~80/4 D6×6130CC · 105×118 TRUCK -JDR360,420 460,500 550,650 FDR320,370 420,450 480,550 SDR320,370 420,450 480,550 650									
<b>6BG1, 6BG1-T</b> 1984~ D6×6494CC · 105×125 TRUCK -FRR12,NRR12 FRD12,FRR12 FRS12,FSD12 FSR12,FSS12 FTR12 BUS -LR212,MR112	<b>M182H1</b>	63-182-1	7	1~7	79.91	85.02	2.525	26.83	<b>1-11510-040</b> <b>1-11510-074</b> <b>1-11510-084</b>	
		63-182-2	7	1~7	79.91	85.02	2.525	26.83		
	<b>R169H1</b>	64-168-1	12	1~6	63.93	68.02	2.013	29.93	<b>9-12271-608</b> <b>5-12271-002</b> <b>5-12271-010</b>	
	<b>T173H</b>	65-173-1	2	4	—	—	2.500	—	<b>5-11685-001</b> <b>8-94114-565</b>	
		65-173-2	2	4	—	—	2.500	—		
	<b>C173L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b> <b>9-11693-035</b>	
		62-168-2	5	2~6	55.95	60.05	2.000	20.00		
	<b>P173H</b>	67-168-1	6	1~6	34.98	38.03	1.530	38.00	<b>1-12251-027</b> <b>5-12251-006</b> <b>9-12251-602</b>	
	<b>P173HS</b>	67-168-1S	6	1~6	—	—	—	—		<b>9-12251-027/NB</b>

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>6HE1</b> 1990~ D6×7127CC · 110×125 TRUCK -NRR32,FRR32	<b>M802H</b>	63-801-1	7	1~7	81.91	87.02	2.518	27.33	<b>8-94393-327</b>
		63-801-2	7	1~7	81.91	87.02	2.518	27.33	
	<b>R802H</b>	64-801-1	12	1~6	65.89	70.00	2.013	30.43	<b>8-94393-328</b> <b>8-97045-800</b> <b>8-97045-801</b>
	<b>6HH1</b> 1995~ D6×8226 · 115×132 TRUCK -FRS33,MR133	<b>T801A</b>	65-801-1	2	—	—	—	3.000	—
65-801-2			1	—	—	—	3.000	—	
<b>6HE1-T</b>  D6×7127CC · 110×125 TRUCK -FRR32,FSR32 -FTR32,GTR32	<b>M802H</b>	63-801-1	7	1~7	81.91	87.02	2.518	27.33	<b>8-94393-327</b>
		63-801-2	7	1~7	81.91	87.02	2.518	27.33	
	<b>R809H</b>	64-808-1	12	1~6	72.97	78.00	2.517	30.43	<b>8-94395-757</b> <b>8-97131-186</b> <b>8-98064-281</b> <b>8-98064-282</b>
	<b>T801A</b>	65-801-1 65-801-2	2	—	—	—	3.000	—	<b>8-94396-980</b> <b>8-94399-277</b> <b>8-94399-283</b>
1			—	—	—	3.000	—		
<b>C803H</b>	62-803-1	8	1~4	39.94	43.02	1.500	26.10	<b>8-94390311-0</b>	
<b>6HK1</b> 1999~ D6×7790CC · 115×125 TRUCK -FTR,FRR	<b>M802H</b>	63-801-1	7	1~7	81.91	87.02	2.518	27.33	<b>8-94391-514</b>
		63-801-2	7	1~7	81.91	87.02	2.518	27.33	
	<b>R809H</b>	64-808-1	12	1~6	72.97	78.00	2.517	30.43	<b>8-94395-757</b> <b>8-97131-186</b> <b>8-98064-281</b> <b>8-98064-282</b>
	<b>T801A</b>	65-801-1 65-801-2	2	—	—	—	3.000	—	<b>8-94396-980</b> <b>8-94399-277</b> <b>8-94399-283</b>
1			—	—	—	3.000	—		
<b>C803H</b>	62-803-1	8	1~4	39.94	43.02	1.500	26.10	<b>8-97602699-0</b>	
<b>6SD1, 6SD1-T</b> 1985~ D6×9839CC · 120×145 TRUCK -CXG23,CXK23 -CXM23	<b>M186H</b>	63-186-1	7	1~7	89.91	96.02	3.013	27.63	<b>1-11510-067</b>
		63-186-2	7	1~7	89.91	96.02	3.013	27.63	
	<b>R189H</b>	64-189-1	12	1~6	79.89	85.00	2.513	32.63	<b>1-12271-060</b> <b>1-12271-084</b>
	<b>T186H</b>	65-186-1	4	7	—	—	3.500	—	<b>1-11599-005</b> <b>1-11599-007</b>
<b>P189H</b>	67-189-1 67-189-(L)	6	1~6	42.88	47.04	2.040	29.80	<b>1-12251-021-0</b> <b>1-12251-021-1</b>	
		—	—	—	—	—	43.00		
<b>6VD1</b> 1991~ GV6×3165CC · 93×77 WIZARD -TA-UES25 -TA-UER25 MU -TA-UES25 BIGHORN -E-UBS25	<b>M810A</b>	63-810-1	4	—	63.92	69.00	2.521	18.53	<b>8-97179-296~9</b> <b>8-97179-300~3</b> <b>8-97072-982~5</b> <b>8-97072-978~81</b>
		63-810-2	2	—	63.92	69.00	2.521	16.53	
		63-810-3	2	—	63.92	69.00	2.521	16.53	
	<b>R810A</b>	64-810-1	12	—	53.92	57.00	1.508	17.13	<b>8-97179-293~5</b> <b>8-97072-986~8</b>
<b>T810A</b>	65-810-1	2	—	—	—	1.950	—	<b>8-97014-208</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>8PA1</b> 1974~84 DV8×9971CC · 115×120 TRUCK -SKS390,440,520  <b>8PB1, 8PB1-T</b> 1978~ DV8×12217CC · 115×135 TRUCK -SMK551,601 641,701 SMM521,571 601,651 681,701 SMN641 SMR360,401 450,461 520,531 600,671 SMG481,521 571,631 SMH571,631 701  <b>8PC1, 8PC1-T</b> 1983~ DV8×12011CC · 119×135 TRUCK -CVR17,CXG17 CXK17,CXM17 CXW17	<b>MP179H1</b>	63-179-1	1	1~5	96.86	103.00	3.013	28.63	<b>1-11510-008~9</b> <b>1-11510-044~6</b> <b>1-11510-051~2</b> <b>1-11510-003</b>	
		63-179-2	1	1~5	96.86	103.00	3.013	28.63		
	(1 PAIR/PACKAGE,5 PACKAGES/ENGINE)									
	<b>RP179H1</b>	64-179-1	4	1~8	77.89	84.00	3.013	26.00	<b>1-12271-008</b> <b>1-12271-007</b> <b>1-12271-030</b>	
		(2 PAIRS/PACKAGE,4 PACKAGES/ENGINE)								
	<b>T179H</b>	65-179-1	2	5	—	—	3.420	—	<b>1-11515-004</b>	
		65-179-2	2	5	—	—	3.420	—		
	<b>C179A</b>	62-179-1	1	—	—	—	—	—	<b>1-11619-021-1</b> <b>1-11611-003-2</b> <b>1-11617-007-1</b> <b>1-11618-006-1</b> <b>1-11619-015-1</b> <b>1-11619-018-1</b>	
		62-179-2	1	—	—	—	—	—		
		62-179-3	1	—	—	—	—	—		
		62-179-4	1	—	—	—	—	—		
		62-179-5	1	—	—	—	—	—		
		62-179-6	1	—	—	—	—	—		
	<b>P179H</b>	67-179-1	2	1~8	37.99	43.03	2.550	25.80	<b>1-12251-001</b>	
		67-179-(L)	—	—	—	—	—	38.00		
(2 PCS/PACKAGE,4 PACKAGES/ENGINE)										
<b>8PD1</b> 1989~ DV8×13741CC · 135×160 TRUCK -CXM70,CVR70	<b>MP198H</b>	63-198-1	1	1~5	104.86	110.00	2.513	27.73	<b>1-11510-077~8</b> <b>1-11510-068</b>	
		63-198-2	1	1~5	104.86	110.00	2.513	27.73		
	(1 PAIR/PACKAGE,5 PACKAGES/ENGINE)									
	<b>RP198H</b>	64-198-1	4	1~8	81.89	87.00	2.513	25.63	<b>1-12271-043</b>	
		(2 PAIRS/PACKAGE,4 PACKAGES/ENGINE)								
<b>T</b>	<b>1-11515-041</b> <b>1-11510-098</b>									
<b>P</b>	<b>1-12251-033</b>									
<b>6QA1, 6QA2</b> 1980~86 D6×11044CC · 125×150 TRUCK -DVR14 SJR361,531 461,601 BUS -CJM470,500 520,600	<b>M188H</b>	63-188-1	5	1,2,3,5,6	91.88	98.00	3.013	34.00	<b>1-11510-037</b> <b>1-11510-055</b> <b>1-11510-034</b>	
		63-188-2	5	1,2,3,5,6	91.88	98.00	3.013	34.00		
		63-188-3	1	4	91.88	98.00	3.013	52.00		
		63-188-4	1	4	91.88	98.00	3.013	52.00		
		63-188-5	1	7	91.88	98.00	3.013	49.50		
		63-188-6	1	7	91.88	98.00	3.013	49.50		
	<b>R188H</b>	64-188-1	12	1~6	79.90	86.00	3.013	41.50	<b>1-12271-026</b> <b>1-12271-024</b>	
	<b>T163H</b>	65-163-1	2	1	—	—	3.470	—	<b>9-11515-198</b>	
		65-163-2	2	1	—	—	3.470	—		
	<b>C188A</b>	62-188-1	1	—	—	—	—	—	<b>1-11611-008-0</b> <b>1-11616-023-0</b> <b>1-11617-015-0</b> <b>1-11618-016-0</b> <b>1-11619-052-0</b> <b>1-11619-055-0</b> <b>1-11619-080-0</b>	
		62-188-2	1	—	—	—	—	—		
		62-188-3	1	—	—	—	—	—		
		62-188-4	1	—	—	—	—	—		
		62-188-5	1	—	—	—	—	—		
		62-188-6	1	—	—	—	—	—		
		62-188-7	1	—	—	—	—	—		



# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>6RA1</b> 1982~ D6×12023CC · 135×140 TRUCK -CVR14,CXK18 CXM16	<b>M195H</b>	63-195-1	1	4	99.90	106.00	3.010	51.00	<b>1-11510-039</b>	
		63-195-2	1	4	99.90	106.00	3.010	51.00	<b>1-11510-073</b>	
		63-195-3	1	7	99.90	106.00	3.010	49.50		
		63-195-4	1	7	99.90	106.00	3.010	49.50		
		63-167-1	5	1,2,3,5,6	99.44	106.00	3.010	34.00		
		63-167-5	5	1,2,3,5,6	99.44	106.00	3.010	34.00		
	<b>R167H1</b> (UP TO '85)	64-167-1	12	1~6	87.90	94.00	3.010	42.50	<b>1-12271-029</b>	
		<b>T167H</b>	65-167-1	2	1	—	—	3.470	—	<b>9-11515-216</b>
	65-167-2		2	1	—	—	3.470	—		
	<b>C188A</b>	62-188-1	1	—	—	—	—	—	<b>1-11611-008-0</b>	
		62-188-2	1	—	—	—	—	—	<b>1-11616-023-0</b>	
		62-188-3	1	—	—	—	—	—	<b>1-11617-015-0</b>	
		62-188-4	1	—	—	—	—	—	<b>1-11618-016-0</b>	
		62-188-5	1	—	—	—	—	—	<b>1-11619-052-0</b>	
		62-188-6	1	—	—	—	—	—	<b>1-11619-055-0</b>	
		62-188-7	1	—	—	—	—	—	<b>1-11619-080-0</b>	
	<b>P167H</b>	67-167-1	6	1~6	49.98	56.04	3.050	35.00	<b>9-12251-088</b>	
		67-167-(L)	—	—	—	—	—	44.50		
	<b>6RB1</b> 1981~ D6×13741CC · 135×160	<b>M195H</b>	63-195-1	1	4	99.90	106.00	3.010	51.00	<b>1-11510-073</b>
			63-195-2	1	4	99.90	106.00	3.010	51.00	<b>1-11510-060</b>
63-195-3			1	7	99.90	106.00	3.010	49.50		
63-195-4			1	7	99.90	106.00	3.010	49.50		
63-167-1			5	1,2,3,5,6	99.44	106.00	3.010	34.00		
63-167-5			5	1,2,3,5,6	99.44	106.00	3.010	34.00		
<b>R195H</b>		64-195-1	12	1~6	89.90	96.00	3.010	38.80	<b>1-12271-048</b> <b>1-12271-028</b>	
		<b>T167H</b>	65-167-1	2	1	—	—	3.470	—	<b>9-11515-216</b>
65-167-2			2	1	—	—	3.470	—		
<b>C188A</b>		62-188-1	1	—	—	—	—	—	<b>1-11611-008-0</b>	
		62-188-2	1	—	—	—	—	—	<b>1-11616-023-0</b>	
		62-188-3	1	—	—	—	—	—	<b>1-11617-015-0</b>	
		62-188-4	1	—	—	—	—	—	<b>1-11618-016-0</b>	
		62-188-5	1	—	—	—	—	—	<b>1-11619-052-0</b>	
		62-188-6	1	—	—	—	—	—	<b>1-11619-055-0</b>	
		62-188-7	1	—	—	—	—	—	<b>1-11619-080-0</b>	
<b>P167H</b>		67-167-1	6	1~6	49.98	56.04	3.050	35.00	<b>9-12251-088</b>	
		67-167-(L)	—	—	—	—	—	44.50		
<b>6SA1, 6SA1-T</b> 1983~92 D6×8413CC · 115×135 TRUCK -FRR13,FTR13		<b>M186H</b>	63-186-1	7	1~7	89.91	96.02	3.013	27.63	<b>1-11510-067</b>
			63-186-2	7	1~7	89.91	96.02	3.013	27.63	
	<b>R186H</b>	64-186-1	12	1~6	77.89	84.00	3.010	27.63	<b>1-12271-050</b> <b>1-12261-050</b>	
		<b>T186H</b>	65-186-1	4	7	—	—	3.500	—	<b>1-11599-005</b>
	<b>P186H</b>	67-186-1	6	1~6	37.98	43.03	2.530	25.80	<b>1-12251-016</b>	
		67-186-(L)	—	—	—	—	—	38.00		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>6WA1-T</b>  D6×12068CC · 132.9×145 GIGA -CXM50,CYM50 -CYG50,CYH50 -CYL50  <b>6WF1-T</b>  D6×14256CC · 147×140 GIGAMAX -CYL51,CYY51 -CYJ51,CYG51 GIGA -CXZ51,CYZ51 -CYM51  <b>6WG1-T</b>  D6×15681CC · 147×154 GIGAMAX -EXD52,EXY52 GIGA -EXZ52,EXR52 -EXD52	<b>M811H</b>	63-811-1	7	1~7	104.90	111.00	3.010	37.50	<b>1-11510-093</b>	
		63-811-2	7	1~7	104.90	111.00	3.010	37.50		
		<b>R811H</b>	64-811-1	6	1~6	91.90	98.00	3.011	44.50	<b>1-12271-072</b>
			64-811-2	6	1~6	91.90	98.00	3.011	44.50	
	<b>10PA1</b> 1974~84 DV10×12464CC · 115×120 BUS -CRA580,650 TRUCK -SRG571,580 631,701 720,750 761 SRK680,701 710 SRM450,560 590,650 680,710 SRZ440,450 580,650  <b>10PB1, 10PB1-T</b> 1977~ DV10×12217CC · 115×130 BUS -CSA580,650 TRUCK -SSG571,631 701,761 SSH571,631 701 SSK701 SSM451,571 601,651 681,701 710 SSZ440,490 450,650 701	<b>MP179H1</b>	63-179-1	1	1~6	96.86	103.00	3.013	28.63	<b>1-11510-051~2</b> <b>1-11510-044~6</b> <b>1-11510-009</b>
			63-179-2	1	1~6	96.86	103.00	3.013	28.63	
(1 PAIR/PACKAGE,6 PACKAGES/ENGINE)										
		<b>RP179H1</b>	64-179-1	4	1~10	77.89	84.00	3.013	26.00	<b>1-12271-030</b> <b>1-12271-008</b> <b>1-12271-007</b>
			(2 PAIRS/PACKAGE,5 PACKAGES/ENGINE)							
		<b>T179H</b>	65-179-1	2	5	—	—	3.420	—	<b>1-11515-004</b>
			65-179-2	2	5	—	—	3.420	—	
		<b>C179A</b>	62-179-1	1	—	—	—	—	—	<b>1-11619-021-1</b> <b>1-11611-003-2</b> <b>1-11617-007-1</b> <b>1-11618-006-1</b> <b>1-11619-015-1</b> <b>1-11619-018-1</b>
			62-179-2	1	—	—	—	—	—	
			62-179-3	1	—	—	—	—	—	
			62-179-4	1	—	—	—	—	—	
			62-179-5	1	—	—	—	—	—	
			62-179-6	1	—	—	—	—	—	
		<b>P179H</b>	67-179-1	2	1~8	37.99	43.03	2.550	25.80	<b>1-12251-001</b>
			67-179-(L)	—	—	—	—	—	38.00	
(2 PCS/PACKAGE,5 PACKAGES/ENGINE)										

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>10PC1</b> 1983~ DV10×15014CC · 119×135 BUS -LV219,719 TRUCK -CVS19,CXG19 CXK19 CXL19,CXM19 CXZ19	<b>MP179H1</b>	63-179-1	1	1~6	96.86	103.00	3.013	28.63	<b>1-11510-051~2</b> <b>1-11510-044~6</b> <b>1-11510-009</b>	
		63-179-2	1	1~6	96.86	103.00	3.013	28.63		
	(1 PAIR/PACKAGE,6 PACKAGES/ENGINE)									
	<b>RP179H1</b>	64-179-1	4	1~10	77.89	84.00	3.013	26.00	<b>1-12271-030</b> <b>1-12271-008</b> <b>1-12271-007</b>	
		(2 PAIRS/PACKAGE,5 PACKAGES/ENGINE)								
	<b>T179H</b>	65-179-1	2	5	—	—	3.420	—	<b>1-11515-004</b>	
		65-179-2	2	5	—	—	3.420	—		
	<b>C180A</b>	62-180-1	1	—	—	—	—	—	<b>1-11619-059-1</b> <b>1-11611-003-2</b> <b>1-11617-007-1</b> <b>1-11618-006-1</b> <b>1-11619-015-1</b> <b>1-11619-018-1</b>	
		62-179-2	1	—	—	—	—	—		
		62-179-3	1	—	—	—	—	—		
62-179-4		1	—	—	—	—	—			
62-179-5		1	—	—	—	—	—			
62-179-6		1	—	—	—	—	—			
<b>P179H</b>	67-179-1	2	1~8	37.99	43.03	2.550	25.80	<b>1-12251-001</b>		
	67-179-(L)	—	—	—	—	—	38.00			
(2 PCS/PACKAGE,5 PACKAGES/ENGINE)										
<b>10PD1</b> 1989~ DV10×16683CC · 119×150 BUS -LV771 TRUCK -CXM71,CXZ71	<b>MP198H</b>	63-198-1	1	1~6	104.86	110.00	2.513	27.73	<b>1-11510-077~8</b> <b>1-11510-068</b>	
		63-198-2	1	1~6	104.86	110.00	2.513	27.73		
	(1 PAIR/PACKAGE,6 PACKAGES/ENGINE)									
	<b>RP198H</b>	64-198-1	4	1~10	81.89	87.00	2.513	25.63	<b>1-12271-043</b> <b>1-11515-041</b> <b>1-11510-098</b>	
		(2 PAIRS/PACKAGE,5 PACKAGES/ENGINE)								
	<b>T</b>									
<b>P</b>										
<b>1-12251-033</b>										
<b>12PA1</b> 1975~83 DV12×14958CC · 115×120 TRUCK -VTZ440,VTR290  <b>12PB1, 12PB1-T</b> 1980~ DV12×16826CC · 115×130 TRUCK -SVZ451,SVG701 VVR300,VVZ300	<b>MP179H1</b>	63-179-1	1	1~7	96.86	103.00	3.013	28.63	<b>1-11510-053</b> <b>1-11510-046</b> <b>1-11510-008~9</b>	
		63-179-2	1	1~7	96.86	103.00	3.013	28.63		
	(1 PAIR/PACKAGE,7 PACKAGES/ENGINE)									
	<b>RP179H1</b>	64-179-1	4	1~12	77.89	84.00	3.013	26.00	<b>1-12271-008</b> <b>1-12271-007</b> <b>1-12271-030</b>	
		(2 PAIRS/PACKAGE,6 PACKAGES/ENGINE)								
	<b>T179H</b>	65-179-1	2	5	—	—	3.420	—	<b>1-11515-004</b>	
		65-179-2	2	5	—	—	3.420	—		
	<b>C196A</b>	62-179-1	1	—	—	—	—	—	<b>1-11619-021-1</b> <b>1-11611-003-2</b> <b>1-11616-006-0</b> <b>1-11617-007-1</b> <b>1-11618-006-1</b> <b>1-11619-015-1</b> <b>1-11619-018-1</b>	
		62-179-2	1	—	—	—	—	—		
		62-196-2	1	—	—	—	—	—		
		62-179-3	1	—	—	—	—	—		
		62-179-4	1	—	—	—	—	—		
		62-179-5	1	—	—	—	—	—		
	62-179-6	1	—	—	—	—	—			
	<b>P179H</b>	67-179-1	2	1~8	37.99	43.03	2.550	25.80	<b>1-12251-001</b>	
		67-179-(L)	—	—	—	—	—	38.00		
	(2 PCS/PACKAGE,6 PACKAGES/ENGINE)									

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>12PC1</b> 1983~ DV12×18017CC · 119×135 TRUCK -CXG21,CXM21 CXZ21,EXD21 EXR21,EXZ21	<b>MP179H1</b>	63-179-1	1	1~7	96.86	103.00	3.013	28.63	<b>1-11510-053</b> <b>1-11510-046</b> <b>1-11510-008~9</b>	
		63-179-2	1	1~7	96.86	103.00	3.013	28.63		
	(1 PAIR/PACKAGE,7 PACKAGES/ENGINE)									
	<b>RP179H1</b>	64-179-1	4	1~12	77.89	84.00	3.013	26.00	<b>1-12271-008</b> <b>1-12271-007</b> <b>1-12271-030</b>	
		(2 PAIRS/PACKAGE,6 PACKAGES/ENGINE)								
	<b>T179H</b>	65-179-1	2	5	—	—	3.420	—	<b>1-11515-004</b>	
		65-179-2	2	5	—	—	3.420	—		
	<b>C197A</b>	62-180-1	1	—	—	—	—	—	<b>1-11619-059-1</b> <b>1-11611-003-2</b> <b>1-11616-003-0</b> <b>1-11617-007-1</b> <b>1-11618-006-1</b> <b>1-11619-015-1</b> <b>1-11619-018-1</b>	
		62-179-2	1	—	—	—	—	—		
		62-196-2	1	—	—	—	—	—		
		62-179-3	1	—	—	—	—	—		
		62-179-4	1	—	—	—	—	—		
62-179-5		1	—	—	—	—	—			
62-179-6	1	—	—	—	—	—	—			
<b>P179H</b>	67-179-1	2	1~8	37.99	43.00	2.550	25.80	<b>1-12251-001</b>		
	67-179-(L)	—	—	—	—	—	38.00			
(2 PCS/PACKAGE,6 PACKAGES/ENGINE)										
<b>12PD1</b> 1989~ DV12×20019CC · 119×150 TRUCK -CXZ72,EXR72 EXZ72	<b>MP198H</b>	63-198-1	1	1~7	104.86	110.00	2.513	27.73	<b>1-11510-077~8</b> <b>1-11510-068</b> <b>1-11510-098</b>	
		63-198-2	1	1~7	104.86	110.00	2.513	27.73		
	(1 PAIR/PACKAGE,7 PACKAGES/ENGINE)									
	<b>RP198H</b>	64-198-1	4	1~12	81.89	87.00	2.513	25.63	<b>1-12271-043</b> <b>1-12271-076</b>	
		(2 PAIRS/PACKAGE,6 PACKAGES/ENGINE)								
	<b>T</b>									
<b>P</b>										
<b>1-11515-041</b> <b>1-11510-098</b>										
<b>1-12251-033</b>										
<b>C22NE, 22LE</b> 1997~2003 D4×2,198CC RODEO HOLDEN RODEO	<b>M812H</b>	63-812-1	8	1,2,4,5	57.98	62.02	1.995	19.30	<b>8-92061197-0</b>	
		63-812-(2)	2	3	57.98	62.02	1.995	25.62		
	<b>R812H</b> (One Oil Hole)	64-812-1	8	1~4	48.99	52.02	1.497	19.20	<b>8-92028817-0</b>	
	<b>R813H</b> (Two Oil Holes)	64-813-1	8	1~4	48.99	52.02	1.497	19.20		
<b>C190</b> 1972~81 D4×1951CC · 86×84 FLORIAN -PAD30 TRUCK -KBD20,40,41,46 ELF -KAD41,51,52,61	<b>M153H1</b>	63-153-1	4	1,5	59.92	64.00	2.013	30.50	<b>5-11510-020</b> <b>5-11510-006</b> <b>9-11510-801</b>	
		63-153-2	4	2,4	59.92	64.00	2.013	23.00		
		63-153-4	2	3	59.92	64.00	2.013	38.00		
	<b>R160H</b>	64-160-1	8	1~4	52.92	56.00	1.510	22.53	<b>5-12271-005</b> <b>9-12271-168</b>	
	<b>T157H</b>	65-157-1	2	3	—	—	2.480	—	<b>9-11581-048</b>	
	<b>C160L1</b>	62-160-1	1	1	47.95	52.04	2.000	22.00	<b>5-11610-002</b> <b>5-11610-005</b> <b>9-11610-602</b> <b>9-11610-032</b>	
		62-160-2	1	2	47.95	52.04	2.000	22.00		
		62-160-3	1	3	47.95	52.04	2.000	22.00		
	<b>P160H</b>	67-160-1	4	1~4	27.00	30.03	1.530	34.00	<b>9-12251-062</b>	
	<b>P160HS</b>	67-160-1S	4	1~4	—	—	—	—	<b>9-12251-062/NB</b>	

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>C190</b> 1982~83/5 D4×1951CC · 86×84 FLORIAN -PAD30 TRUCK -KBD41,46 ELF -KAD41,51 BUS -WFR51	<b>M153H1</b>	63-153-1	4	1,5	59.92	64.00	2.013	30.50	<b>5-11510-020</b>	
		63-153-2	4	2,4	59.92	64.00	2.013	23.00	<b>5-11510-006</b>	
		63-153-4	2	3	59.92	64.00	2.013	38.00	<b>9-11510-801</b>	
	<b>R160H</b>	64-160-1	8	1~4	52.92	56.00	1.510	22.53	<b>5-12271-005</b> <b>9-12271-168</b>	
		<b>T157H</b>	65-157-1	2	3	—	—	2.480	—	<b>9-11581-048</b>
	<b>C160L1</b>	62-160-1	1	1	47.95	52.04	2.000	22.00	<b>5-11610-002</b>	
		62-160-2	1	2	47.95	52.04	2.000	22.00	<b>5-11610-005</b>	
		62-160-3	1	3	47.95	52.04	2.000	22.00	<b>9-11610-602</b> <b>9-11610-032</b>	
	<b>C190</b> 1983/6~83/10 D4×1951CC · 86×84 FLORIAN -PAD30 TRUCK -KBD41,46 ELF -KAD41,51 BUS -WFR51	<b>M183H</b>	63-183-1	4	2,4	59.92	64.00	2.013	27.50	<b>8-94139-682</b>
			63-153-2	4	1,5	59.92	64.00	2.013	23.00	<b>8-94118-830</b>
			63-183-3	2	3	59.92	64.00	2.013	28.70	<b>8-94104-726</b> <b>5-11510-036</b>
		<b>R160H</b>	64-160-1	8	1~4	52.92	56.00	1.510	22.53	<b>5-12271-005</b>
<b>T157H</b>			65-157-1	2	3	—	—	2.480	—	<b>9-11581-048</b>
<b>C160L1</b>		62-160-1	1	1	47.95	52.04	2.000	22.00	<b>5-11610-002</b>	
		62-160-2	1	2	47.95	52.04	2.000	22.00		
		62-160-3	1	3	47.95	52.04	2.000	22.00		
<b>C190</b> 1983/11~ D4×1951CC · 86×84 FLORIAN -PAD30 TRUCK -KBD41,46 ELF -KAD41,51 BUS -WFR51		<b>M183H</b>	63-183-1	4	2,4	59.92	64.00	2.013	27.50	<b>8-94139-682</b>
			63-153-2	4	1,5	59.92	64.00	2.013	23.00	<b>8-94118-830</b>
			63-183-3	2	3	59.92	64.00	2.013	28.70	<b>8-94194-726</b> <b>5-11510-036</b>
		<b>R</b>								<b>8-94142-208</b> <b>8-94118-834</b> <b>8-94120-242</b>
	<b>T157H</b>		65-157-1	2	3	—	—	2.480	—	<b>9-11581-048</b>
	<b>C160L1</b>	62-160-1	1	1	47.95	52.04	2.000	22.00	<b>5-11610-002</b>	
		62-160-2	1	2	47.95	52.04	2.000	22.00		
		62-160-3	1	3	47.95	52.04	2.000	22.00		
	<b>C220</b> 1964~68 D4×2207CC · 83×102 ELF -TLD11,21,30,50  <b>DL201</b> 1964~68 D4×1991CC · 83×92	<b>M159H</b>	63-158-1	3	1~3	64.92	69.00	2.007	28.40	<b>9-11510-125</b>
			63-159-2	3	1~3	64.92	69.00	2.007	28.40	
<b>R157H</b>		64-157-1	8	1~4	52.92	56.00	1.513	26.33	<b>9-12271-132</b>	
<b>T157H</b>		65-157-1	2	3	—	—	2.480	—	<b>9-11581-048</b>	
<b>C157L</b>		62-157-1	2	1,2	44.95	48.03	1.500	25.00	<b>9-11610-022</b>	
		62-157-2	1	3	44.95	48.03	1.500	25.00		
<b>P157H</b>		67-157-1	4	1~4	24.99	28.00	1.490	34.00	<b>9-12251-061</b> <b>9-12251-048</b> <b>9-12251-038</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>C221</b> 1968~79 D4×2207CC · 83×102 ELF -TLD22,32,52	<b>M160H2</b>	63-160-1	4	1,5	69.92	74.00	2.015	30.63	<b>5-11510-021</b> <b>5-11510-005</b> <b>9-11510-163</b> <b>9-11510-149</b>	
		63-160-2	4	2,4	69.92	74.00	2.015	21.53		
		63-160-4	2	3	69.92	74.00	2.015	36.13		
	<b>R160H</b>	64-160-1	8	1~4	52.92	56.00	1.510	22.53	<b>5-12271-005</b> <b>9-12271-168</b> <b>9-12271-152</b>	
	<b>T160H</b>	65-160-1	2	3	—	—	2.480	—		<b>9-11581-057</b>
	<b>C153L</b>	62-153-1	1	1	47.95	52.04	2.000	25.00		
		62-153-2	1	2	47.95	52.04	2.000	25.00		
		62-153-3	1	3	47.95	52.04	2.000	25.00		
	<b>P157H</b>	67-157-1	4	1~4	24.99	28.00	1.490	34.00	<b>9-12251-061</b>	
	<b>C223</b> 1980~83/10 D4×2238CC · 88×92 117 COUPE -PAD96 TROOPER -UBS52 TRUCK -KBD21,26,42	<b>M153H1</b>	63-153-1	4	1,5	59.92	64.00	2.013	30.50	<b>5-11510-020</b>
63-153-2			4	2,4	59.92	64.00	2.013	23.00		
63-153-4			2	3	59.92	64.00	2.013	38.00		
<b>R160H</b>		64-160-1	8	1~4	52.92	56.00	1.510	22.53	<b>8-94462-943</b> <b>8-94120-242</b> <b>5-12271-005</b>	
<b>T157H</b>		65-157-1	2	3	—	—	2.480	—		<b>9-11581-048</b> <b>8-94125-752</b>
<b>C160L1</b>		62-160-1	1	1	47.95	52.04	2.000	22.00		
		62-160-2	1	2	47.95	52.04	2.000	22.00		
		62-160-3	1	3	47.95	52.04	2.000	22.00		
<b>P</b>									<b>5-12251-005</b>	
<b>C223, C223-T</b> 1983/11~ D4×2238CC · 88×92 TROOPER -UBS52 TRUCK -KBD21,26,27,42 RODEO -KBD47,TSF52		<b>M183H</b>	63-183-1	4	2,4	59.92	64.00	2.013	27.50	<b>8-94118-830</b>
	63-153-2		4	1,5	59.92	64.00	2.013	23.00		
	63-183-3		2	3	59.92	64.00	2.013	28.70		
	<b>R160H</b>	64-160-1	8	1~4	52.92	56.00	1.510	22.53	<b>8-94462-943</b> <b>8-94120-242</b> <b>5-12271-005</b>	
	<b>T157H</b>	65-157-1	2	3	—	—	2.480	—		<b>9-11581-048</b>
	<b>C160L1</b>	62-160-1	1	1	47.95	52.04	2.000	22.00		
		62-160-2	1	2	47.95	52.04	2.000	22.00		
		62-160-3	1	3	47.95	52.04	2.000	22.00		
	<b>C240</b> 1969~85/4 D4×2369CC · 86×102 ELF -TLD13,23,33,43 53,63 KAD52,62 KUD20	<b>M160H2</b>	63-160-1	4	1,5	69.92	74.00	2.015	30.63	<b>5-11510-021</b> <b>5-11510-005</b> <b>9-11510-163</b> <b>9-11510-149</b>
			63-160-2	4	2,4	69.92	74.00	2.015	21.53	
63-160-4			2	3	69.92	74.00	2.015	36.13		
<b>R160H</b>		64-160-1	8	1~4	52.92	56.00	1.510	22.53	<b>5-12271-005</b> <b>9-12271-168</b>	
<b>T160H</b>		65-160-1	2	3	—	—	2.480	—		<b>9-11581-057</b>
<b>C160L1</b>		62-160-1	1	1	47.95	52.04	2.000	22.00		
		62-160-2	1	2	47.95	52.04	2.000	22.00		
		62-160-3	1	3	47.95	52.04	2.000	22.00		
<b>P160H</b> (UP TO '81)		67-160-1	4	1~4	27.00	30.03	1.530	34.00	<b>9-12251-062</b>	
<b>P160HS</b>		67-160-1S	4	1~4	—	—	—	—	<b>9-12251-062/NB</b>	

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>C240</b> 1985/5~ D4×2369CC · 86×102 ELF -TLD23,KAD52	<b>M160H2</b>	63-160-1	4	1,5	69.92	74.00	2.015	30.63	<b>5-11510-021</b>	
		63-160-2	4	2,4	69.92	74.00	2.015	21.53	<b>5-11510-005</b>	
		63-160-4	2	3	69.92	74.00	2.015	36.13	<b>9-11510-163</b> <b>9-11510-149</b>	
	<b>R160H</b>	64-160-1	8	1~4	52.92	56.00	1.510	22.53	<b>5-12271-005</b> <b>9-12271-168</b>	
	<b>T160H</b>	65-160-1	2	3	—	—	2.480	—	<b>9-11581-057</b>	
	<b>C160L1</b>	62-160-1	1	1	47.95	52.04	2.000	22.00	<b>5-11610-002</b>	
		62-160-2	1	2	47.95	52.04	2.000	22.00	<b>5-11610-005</b>	
		62-160-3	1	3	47.95	52.04	2.000	22.00	<b>9-11610-602</b> <b>9-11610-032</b>	
	<b>P</b>								<b>9-12251-005</b>	
	<b>C330</b> 1970~72 D4×3318CC · 98×110 ELF -KS10,20	<b>M168H</b>	63-168-1	10	1~5	75.91	81.02	2.525	27.83	<b>5-11510-043</b> <b>9-11510-167</b>
		<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-178</b> <b>9-12271-175</b> <b>9-12271-157</b>
		<b>T169H</b>	65-169-1	2	4	—	—	3.000	—	<b>9-11585-065</b>
			65-169-2	2	4	—	—	3.000	—	
<b>C168L</b>		62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b>	
		62-168-2	3	2~4	55.95	60.05	2.000	20.00	<b>9-11693-035</b>	
<b>P170H</b>	67-169-1	4	1~4	32.99	36.03	1.530	38.00	<b>9-12251-059</b>		
<b>C330</b> 1973~75 D4×3318CC · 98×110 ELF -KS10,20	<b>M168H</b>	63-168-1	10	1~5	75.91	81.02	2.525	27.83	<b>5-11510-043</b> <b>9-11510-167</b>	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-178</b> <b>9-12271-175</b> <b>9-12271-157</b>	
	<b>T169H</b>	65-169-1	2	4	—	—	3.000	—	<b>9-11585-065</b>	
		65-169-2	2	4	—	—	3.000	—		
	<b>C168L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b>	
		62-168-2	3	2~4	55.95	60.05	2.000	20.00	<b>9-11693-035</b>	
<b>P177H</b>	67-177-1	4	1~4	32.98	38.03	2.530	38.00	<b>9-12251-603</b> <b>5-12251-010</b>		
<b>C330</b> 1976~81 D4×3318CC · 98×110 ELF -K820	<b>M168H</b>	63-168-1	10	1~5	75.91	81.02	2.525	27.83	<b>5-11510-043</b> <b>9-11510-167</b>	
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-178</b> <b>9-12271-175</b> <b>9-12271-157</b>	
	<b>T169H</b>	65-169-1	2	4	—	—	3.000	—	<b>9-11585-065</b>	
		65-169-2	2	4	—	—	3.000	—		
	<b>C177L</b>	62-168-1	1	1	55.95	60.05	2.000	20.00	<b>9-11691-048</b>	
		62-168-2	2	2,3	55.95	60.05	2.000	20.00	<b>9-11693-035</b>	
<b>P177H</b>	67-177-1	4	1~4	32.98	38.03	2.530	38.00	<b>9-12251-603</b> <b>5-12251-010</b>		



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>C330</b> 1982~83 D4×3318CC · 98×110 ELF	<b>M</b>								<b>8-94153-512</b> <b>5-11510-065</b>
	<b>R168H1</b>	64-168-1	8	1~4	63.93	68.02	2.013	29.93	<b>9-12271-178</b> <b>9-12271-175</b> <b>9-12271-157</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C177L</b>	62-168-1 62-168-2	1 2	1 2,3	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11691-048</b> <b>9-11693-035</b>
	<b>P177H</b>	67-177-1	4	1~4	32.98	38.03	2.530	38.00	<b>9-12251-603</b> <b>5-12251-010</b>
<b>D500</b> 1970~81 D6×4978CC · 98×110 TRUCK -TR20,30,40,50 60,70 BUS -BY31,BK30	<b>M169H</b>	63-168-1	14	1~7	75.91	81.02	2.525	27.83	<b>5-11510-041</b>
	<b>R169H1</b>	64-168-1	12	1~6	63.93	68.02	2.013	29.93	<b>9-12271-178</b> <b>9-12271-157</b>
	<b>T169H</b>	65-169-1 65-169-2	2 2	4 4	— —	— —	3.000 3.000	— —	<b>9-11585-065</b>
	<b>C173L</b>	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11691-048</b> <b>9-11693-035</b>
	<b>P169H</b>	67-169-1	6	1~6	32.99	36.03	1.530	38.00	<b>9-12251-059</b>
<b>D500</b> 1982~84 D6×4978CC · 98×110	<b>M</b>								<b>1-11510-041</b>
	<b>R169H1</b>	64-168-1	12	1~6	63.93	68.02	2.013	29.93	<b>9-12271-157</b> <b>9-12271-178</b>
	<b>T168H</b>	65-168-1 65-168-2	2 2	4 4	— —	— —	2.500 2.500	— —	<b>9-11585-601</b>
	<b>C173L</b>	62-168-1 62-168-2	1 5	1 2~6	55.95 55.95	60.05 60.05	2.000 2.000	20.00 20.00	<b>9-11691-048</b> <b>9-11693-035</b>
	<b>P169H</b>	67-169-1	6	1~6	32.99	36.03	1.530	38.00	<b>9-12251-059</b>
<b>D920</b> 1967~80 D6×9203CC · 125×125 TRUCK -TD81,91 BUS -BU05	<b>M163H2</b>	63-156-3 63-156-5 63-156-7 63-163-3	10 2 1 1	1,2,3,5,6 4 7 7	91.88 91.88 91.88 91.88	98.00 98.00 98.00 98.00	3.010 3.010 3.010 3.010	36.00 56.00 50.50 50.50	<b>9-11510-151</b>
	<b>R163H</b>	64-163-1	12	1~6	79.90	86.00	3.010	44.63	<b>9-12271-153</b>
	<b>T163H</b>	65-163-1 65-163-2	2 2	1 1	— —	— —	3.470 3.470	— —	<b>9-11515-198</b>
<b>DA120</b> 1958~65 D6×6126CC · 100×130 TRUCK -TSD40,TWD20, TXD40  <b>GD150F</b> 1958~65 D6×5654CC · 100×120 FIRE ENGINE -TXG20	<b>M154H</b>	63-154-(1) 63-154-(2) 63-154-3 63-154-4 63-154-5 63-154-6	1 1 5 5 1 1	1 1 2~6 2~6 7 7	74.92 74.92 74.92 74.92 74.92 74.92	82.02 82.02 82.02 82.02 82.02 82.02	3.510 3.510 3.510 3.510 3.510 3.510	40.43 40.43 28.13 28.13 44.13 44.13	<b>9-11510-109</b> <b>9-11510-088</b> <b>9-11510-021</b>
	<b>R154H</b>	64-154-1 64-154-2	6 6	1~6 1~6	63.93 63.93	70.02 70.02	3.010 3.010	37.63 37.63	<b>9-12271-096</b> <b>9-12271-095</b> <b>9-12271-081</b>
	<b>C155A</b>	62-155-1 62-155-2 62-155-3 62-155-4	1 1 1 1	— — — —	— — — —	— — — —	— — — —	— — — —	
	<b>P154H</b>	67-154-1	6	1~6	34.00	40.03	3.030	37.10	<b>9-12251-083</b>

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>DA120</b> 1965~81 D6×6126CC · 100×130 TRUCK -TSD40,TWD20 TXD40,50,60,70  <b>GD150</b> 1965~73 D6×5654CC · 100×120 FIRE ENGINE -TXG10,20,50	<b>M155H</b>	63-154-3	6	1~6	74.92	82.02	3.510	28.13	<b>9-11510-136</b>	
		63-154-4	6	1~6	74.92	82.02	3.510	28.13	<b>9-11510-127</b>	
		63-154-5	1	7	74.92	82.02	3.510	44.13		
		63-154-6	1	7	74.92	82.02	3.510	44.13		
	<b>R154H</b>	64-154-1	6	1~6	63.93	70.02	3.010	37.63	<b>9-12271-121</b>	
		64-154-2	6	1~6	63.93	70.02	3.010	37.63	<b>9-12271-105</b>	
	<b>T155H</b>	65-155-1	2	1	—	—	3.480	—	<b>9-11515-170</b>	
		65-155-2	2	1	—	—	3.480	—		
	<b>C155A</b>	62-155-1	1	—	—	—	—	—		
		62-155-2	1	—	—	—	—	—		
		62-155-3	1	—	—	—	—	—		
		62-155-4	1	—	—	—	—	—		
	<b>P154H</b>	67-154-1	6	1~6	34.00	40.03	3.030	37.10	<b>9-12251-083</b>	
	<b>DA220</b> 1965~81 D4×4084CC · 100×130 FOR INDUSTRIAL USE	<b>M165H2</b>	63-154-3	4	1~4	74.92	82.02	3.510	28.13	<b>1-11510-026</b>
63-154-4			4	1~4	74.92	82.02	3.510	28.13	<b>9-11510-138</b>	
63-154-5			1	5	74.92	82.02	3.510	44.13		
63-154-6			1	5	74.92	82.02	3.510	44.13		
<b>R164H</b>		64-154-1	4	1~4	63.93	70.02	3.010	37.63	<b>9-12271-121</b>	
		64-154-2	4	1~4	63.93	70.02	3.010	37.63	<b>9-12271-105</b>	
<b>T155H</b>		65-155-1	2	1	—	—	3.480	—	<b>9-11515-170</b>	
		65-155-2	2	1	—	—	3.480	—		
<b>P164H</b>		67-154-1	4	1~4	34.00	40.03	3.030	37.10	<b>9-12251-083</b>	
<b>DA220LA</b> 1978~81 D4×4084CC · 100×130 FOR INDUSTRIAL USE		<b>M</b>								
		<b>R164H</b>	64-154-1	4	1~4	63.93	70.02	3.010	37.63	<b>9-12271-121</b>
			64-154-2	4	1~4	63.93	70.02	3.010	37.63	
	<b>T155H</b>	65-155-1	2	1	—	—	3.480	—	<b>9-11515-170</b>	
		65-155-2	2	1	—	—	3.480	—		
	<b>P164H</b>	67-154-1	4	1~4	34.00	40.03	3.030	37.10	<b>9-12251-083</b>	
	<b>DA640</b> 1958~64 D6×6373CC · 102×130 BUS -BXD30,BA741	<b>M154H</b>	63-154-(1)	1	1	74.92	82.02	3.510	40.43	<b>9-11510-109</b>
63-154-(2)			1	1	74.92	82.02	3.510	40.43	<b>9-11510-088</b>	
63-154-3			5	2~6	74.92	82.02	3.510	28.13	<b>9-11510-021</b>	
63-154-4			5	2~6	74.92	82.02	3.510	28.13		
63-154-5			1	7	74.92	82.02	3.510	44.13		
63-154-6			1	7	74.92	82.02	3.510	44.13		
<b>R154H</b>		64-154-1	6	1~6	63.93	70.02	3.010	37.63	<b>9-12271-121</b>	
		64-154-2	6	1~6	63.93	70.02	3.010	37.63		
<b>C155A</b>		62-155-1	1	—	—	—	—	—		
		62-155-2	1	—	—	—	—	—		
		62-155-3	1	—	—	—	—	—		
		62-155-4	1	—	—	—	—	—		
<b>P154H</b>		67-154-1	6	1~6	34.00	40.03	3.030	37.10	<b>9-12251-083</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>DA640</b> 1964~65 D6×6373CC · 102×130 BUS -BXD30,BA741 TRUCK -TXD70	<b>M154H</b>	63-154-(1)	1	1	74.92	82.02	3.510	40.43	<b>9-11510-109</b> <b>9-11510-088</b> <b>9-11510-021</b>
		63-154-(2)	1	1	74.92	82.02	3.510	40.43	
		63-154-3	5	2~6	74.92	82.02	3.510	28.13	
		63-154-4	5	2~6	74.92	82.02	3.510	28.13	
		63-154-5	1	7	74.92	82.02	3.510	44.13	
		63-154-6	1	7	74.92	82.02	3.510	44.13	
	<b>R155H</b>	64-155-1	6	1~6	66.90	72.00	2.510	37.40	<b>9-12271-146</b>
		64-155-2	6	1~6	66.90	72.00	2.510	37.40	
	<b>C155A</b>	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	
<b>DA640</b> 1966~81 D6×6373CC · 102×130 BUS -BA01,05,20,30 BF30,BS30 BXD30 TRUCK -TXD13,23,33,53 90 TSD43, TWD20,23 SFR330,420,460 500,600	<b>M155H</b>	63-154-3	6	1~6	74.92	82.02	3.510	28.13	<b>9-11510-127</b> <b>9-11510-136</b>
		63-154-4	6	1~6	74.92	82.02	3.510	28.13	
		63-154-5	1	7	74.92	82.02	3.510	44.13	
		63-154-6	1	7	74.92	82.02	3.510	44.13	
	<b>R155H</b>	64-155-1	6	1~6	66.90	72.00	2.510	37.40	<b>9-12271-146</b>
		64-155-2	6	1~6	66.90	72.00	2.510	37.40	
	<b>T155H</b>	65-155-1	2	1	—	—	3.480	—	<b>9-11515-170</b>
		65-155-2	2	1	—	—	3.480	—	
	<b>C155A</b>	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	
<b>DA640PP, DA640PT</b> 1971~81 D6×6373CC · 102×130 FOR INDUSTRIAL USE	<b>M155H</b>	63-154-3	6	1~6	74.92	82.02	3.510	28.13	<b>9-11510-127</b> <b>9-11510-136</b>
		63-154-4	6	1~6	74.92	82.02	3.510	28.13	
		63-154-5	1	7	74.92	82.02	3.510	44.13	
		63-154-6	1	7	74.92	82.02	3.510	44.13	
	<b>R151H</b>	64-151-1	6	1~6	66.91	72.00	2.513	37.40	<b>9-12271-204</b>
		64-151-2	6	1~6	66.91	72.00	2.513	37.40	
	<b>T155H</b>	65-155-1	2	1	—	—	3.480	—	<b>9-11515-170</b>
		65-155-2	2	1	—	—	3.480	—	
	<b>C155A</b>	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
		62-155-4	1	—	—	—	—	—	
<b>DA640PN, DA640PR</b> 1971~81 D6×6373CC · 102×130 FOR INDUSTRIAL USE	<b>M151H</b>	63-151-1	6	1~6	74.92	82.02	3.510	28.13	<b>9-11510-189</b> <b>9-11510-194</b>
		63-151-2	5	2~6	74.92	82.02	3.510	28.13	
		63-151-3	1	7	74.92	82.02	3.510	44.13	
		63-151-4	1	7	74.92	82.02	3.510	44.13	
		63-151-5	1	1	74.92	82.02	3.510	28.13	
	<b>R155H</b>	64-155-1	6	1~6	66.90	72.00	2.510	37.40	<b>9-12271-146</b>
		64-155-2	6	1~6	66.90	72.00	2.510	37.40	
	<b>T155H</b>	65-155-1	2	1	—	—	3.480	—	<b>9-11515-170</b>
		65-155-2	2	1	—	—	3.480	—	
	<b>C155A</b>	62-155-1	1	—	—	—	—	—	
		62-155-2	1	—	—	—	—	—	
		62-155-3	1	—	—	—	—	—	
62-155-4		1	—	—	—	—	—		

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>DA640-T</b> 1971~81 D6×6373CC · 102×130 FOR INDUSTRIAL USE	<b>M151H</b>	63-151-1	6	1~6	74.92	82.02	3.510	28.13	<b>9-11510-189</b> <b>9-11510-194</b>		
		63-151-2	5	2~6	74.92	82.02	3.510	28.13			
		63-151-3	1	7	74.92	82.02	3.510	44.13			
		63-151-4	1	7	74.92	82.02	3.510	44.13			
		63-151-5	1	1	74.92	82.02	3.510	28.13			
	<b>R151H</b>	64-151-1	6	1~6	66.91	72.00	2.513	37.40	<b>9-12271-204</b>		
		64-151-2	6	1~6	66.91	72.00	2.513	37.40			
	<b>T155H</b>	65-155-1	2	1	—	—	3.480	—	<b>9-11515-170</b>		
		65-155-2	2	1	—	—	3.480	—			
	<b>DH100</b> 1959~66 D6×10179CC · 120×150 BUS -BU10,15,30 TRUCK -TD50,70,80,90 TP60,80,90	<b>M156H2</b>	63-156-(1)	1	1	91.88	98.00	3.010	51.96	<b>9-11510-124</b>	
63-156-(2)			1	1	91.88	98.00	3.010	51.96			
63-156-3			8	2,3,5,6	91.88	98.00	3.010	36.00			
63-156-5			2	4	91.88	98.00	3.010	56.00			
63-156-7			1	7	91.88	98.00	3.010	50.50			
63-163-3			1	7	91.88	98.00	3.010	50.50			
<b>R156H1</b>			64-156-1	6	1~6	77.90	83.00	2.510	46.50		<b>9-12271-130</b>
		64-156-2	6	1~6	77.90	83.00	2.510	46.50			
		<b>C156A</b>	62-156-1	1	—	—	—	—	—		
62-156-2			1	—	—	—	—	—			
62-156-3			1	—	—	—	—	—			
62-156-4			1	—	—	—	—	—			
62-156-5			1	—	—	—	—	—			
62-156-6			1	—	—	—	—	—			
62-156-7			1	—	—	—	—	—			
<b>P166H</b>		67-166-1	6	1~6	44.98	51.04	3.050	40.00	<b>9-12251-070</b> <b>9-12251-069</b>		
<b>DH100, DH100-T</b> 1967~82/10 D6×10179CC · 120×150 BUS -BU04,10 TRUCK -TD40,50,60,70 SLR350,360 400,450 SLR520,600 670,710  <b>DH100H</b> 1967~84 D6×10179CC · 120×150 BUS -CJA470,490 500,520 550,600 CLA470,490 500 CLM490,500 550,600		<b>M163H2</b>	63-156-3	10	1,2,3,5,6	91.88	98.00	3.010	36.00	<b>1-11510-012</b> <b>9-11510-151</b> <b>9-11510-152</b>	
			63-156-5	2	4	91.88	98.00	3.010	56.00		
			63-156-7	1	7	91.88	98.00	3.010	50.50		
			63-163-3	1	7	91.88	98.00	3.010	50.50		
	<b>R166H1</b>		64-156-2	12	1~6	77.90	83.00	2.510	46.50		<b>9-12271-131</b>
		<b>T163H</b>	65-163-1	2	1	—	—	3.470	—		
			65-163-2	2	1	—	—	3.470	—		
	<b>C156A</b>	62-156-1	1	—	—	—	—	—			
		62-156-2	1	—	—	—	—	—			
		62-156-3	1	—	—	—	—	—			
		62-156-4	1	—	—	—	—	—			
		62-156-5	1	—	—	—	—	—			
	<b>P166H</b>	62-156-6	1	—	—	—	—	—			
		62-156-7	1	—	—	—	—	—			
		67-166-1	6	1~6	44.98	51.04	3.050	40.00	<b>9-12251-070</b> <b>9-12251-069</b>		
<b>DH100</b> 1982/11~88 D6×10179CC · 120×150 TRUCK -SLR361,401 461,531		<b>M188H</b>	63-188-1	5	1,2,3,5,6	91.88	98.00	3.013		34.00	<b>1-11510-037</b> <b>1-11510-034</b> <b>1-11510-055</b>
			63-188-2	5	1,2,3,5,6	91.88	98.00	3.013		34.00	
	63-188-3		1	4	91.88	98.00	3.013	52.00			
	63-188-4		1	4	91.88	98.00	3.013	52.00			
	63-188-5		1	7	91.88	98.00	3.013	49.50			
	63-188-6		1	7	91.88	98.00	3.013	49.50			
	<b>R166H1</b>	64-156-2	12	1~6	77.90	83.00	2.510	46.50	<b>9-12271-131</b>		
	<b>T163H</b>	65-163-1	2	1	—	—	3.470	—	<b>9-11515-198</b>		
		65-163-2	2	1	—	—	3.470	—			
	<b>P166H</b>	67-166-1	6	1~6	44.98	51.04	3.050	40.00	<b>9-12251-070</b> <b>9-12251-069</b>		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>E110</b> 1967~72 D6×11044CC · 125×150 TRUCK -TM15,45,55,65 75,85,95 TG55,75 BUS -BU20	<b>M163H2</b>	63-156-3	10	1,2,3,5,6	91.88	98.00	3.010	36.00	<b>1-11510-012</b> <b>9-11510-151</b> <b>9-11510-152</b>	
		63-156-5	2	4	91.88	98.00	3.010	56.00		
		63-156-7	1	7	91.88	98.00	3.010	50.50		
		63-163-3	1		91.88	98.00	3.010	50.50		
	<b>R163H</b>	64-153-1	12	1~6	79.90	86.00	3.010	44.63	<b>9-12271-153</b>	
	<b>T163H</b>	65-163-1	2	1	—	—	3.470	—	<b>9-11515-198</b>	
65-163-2		2	1	—	—	3.470	—			
<b>E120, E120-T</b> 1970~ D6×12023CC · 135×140 TRUCK -SPG470,540 580,650 720,750 SPK650,710 SPM450,451 550,560 571,601 650,681 701,710 SPR520 SPZ440,441 450,451 480,580 TGK55,75 TMK15,27,47,67 97 TRACTOR -YPZ490 TMK45,48 TDK35,45,46,75 BUS -BU15,20 CPA520,550	<b>M167H2</b>	63-167-1	5	1,2,3,5,6	99.95	106.00	3.010	34.00	<b>1-11510-031</b> <b>1-11510-033</b> <b>1-11510-011</b> <b>9-11510-178</b>	
		63-167-2	1	4	99.95	106.00	3.010	55.00		
		63-167-3	1	7	99.95	106.00	3.010	49.50		
		63-167-4	1	7	99.95	106.00	3.010	49.50		
		63-167-5	5	1,2,3,5,6	99.95	106.00	3.010	34.00		
		63-167-6	1	4	99.95	106.00	3.010	55.00		
	<b>R167H1</b>	64-167-1	12	1~6	87.90	94.00	3.010	42.50	<b>1-12271-023</b> <b>9-12271-177</b>	
	<b>T167H</b>	65-167-1	2	1	—	—	3.470	—	<b>9-11515-216</b>	
		65-167-2	2	1	—	—	3.470	—		
	<b>P167H</b>	67-167-1	6	1~6	49.98	56.04	3.050	35.00	<b>9-12251-088</b>	
		67-167-(L)		—	—	—	—	44.50		
	<b>G130</b> 1966~72 G4×1325CC · 75×75 BELLET -PR10,30 UNI CAB -KR80 <b>G150</b> 1966~73 G4×1471CC · 79×75 BELLET -PR20,40 ELF -KA20,50 UNI CAB -KR85 <b>G160(OHV)</b> 1972~79 G4×1584CC · 82×75 FLORIAN -PA20 JOURNY -KA50,51 ELF -KA40,41,51	<b>M171H</b>	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	<b>8-94250-574</b> <b>8-94215-641</b> <b>9-11510-609</b> <b>9-11510-141</b>
			63-171-2	4	2,4	55.92	59.00	1.515	21.13	
		<b>R171H</b>	64-171-1	8	1~4	48.92	52.00	1.513	22.13	<b>9-12271-143</b> <b>9-12271-100</b>
<b>T171A1</b>		65-171-1	2	3	—	—	2.360	—	<b>8-94210-750</b> <b>9-11581-021</b>	
<b>C171L</b>		62-171-1	3	1~3	44.95	48.03	1.500	25.00	<b>5-11611-002</b> <b>9-11611-020</b>	
<b>P171H</b>		67-171-1	4	1~4	22.00	25.42	1.760	26.00	<b>9-12251-045</b>	

# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>G161 (OHC)</b> 1969~74 G4×1584CC · 82×75 BELLET -PR50,91 FLORIAN -PA20	<b>M171H</b>	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	<b>8-94250-574</b> <b>8-94215-641</b> <b>9-11510-609</b> <b>9-11510-141</b>
		63-171-2	4	2,4	55.92	59.00	1.515	21.13	
	<b>R171H</b>	64-171-1	8	1~4	48.92	52.00	1.513	22.13	<b>9-12271-143</b> <b>9-12271-100</b>
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—	<b>8-94210-750</b> <b>9-11581-021</b>
	<b>C172L</b> <b>P171H</b>	62-172-1 67-171-1	10 4	1~5 1~4	29.93 22.00	33.00 25.42	1.510 1.760	20.13 26.00	<b>9-11611-040</b> <b>9-12251-045</b>
<b>G161 (OHV)</b> 1980~84 G4×1584CC · 82×75 ELF -KA41	<b>M171H</b>	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	<b>8-94250-574</b> <b>8-94215-641</b> <b>9-11510-609</b> <b>9-11510-141</b>
		63-171-2	4	2,4	55.92	59.00	1.515	21.13	
	<b>R171H</b>	64-171-1	8	1~4	48.92	52.00	1.513	22.13	<b>9-12271-143</b> <b>9-12271-100</b>
	<b>T171A1</b> <b>C171L</b>	65-171-1 62-171-1	2 3	3 1~3	— 44.95	— 48.03	2.360 1.500	— 25.00	<b>8-94210-750</b> <b>9-11581-021</b> <b>5-11611-002</b> <b>9-11611-020</b>
<b>G161W (DOHC)</b> 1969~81 G4×1584CC · 82×75 117 COUPE -PA90 BELLET -PR91  <b>G180W (DOHC)</b> 1972~81 G4×1817CC · 84×82 117 COUPE -PA95 GEMINI -PF60	<b>M171H</b>	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	<b>9-11510-609</b> <b>8-94215-641</b> <b>9-11510-141</b> <b>8-94250-574</b>
		63-171-2	4	2,4	55.92	59.00	1.515	21.13	
	<b>R171H</b>	64-171-1	8	1~4	48.92	52.00	1.513	22.13	<b>9-12271-143</b> <b>9-12271-100</b>
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—	<b>8-94210-750</b> <b>9-11581-021</b>
	<b>C172L</b> <b>P171H</b> (UP TO '79)	62-172-1 67-171-1	10 4	1~5 1~4	29.93 22.00	33.00 25.42	1.510 1.760	20.13 26.00	<b>9-11611-040</b> <b>9-12251-045</b>
<b>G161Z</b> 1972~ G4×1584CC · 82×75 GEMINI -PE50 FASTER -KB20  <b>G180Z</b> 1972~ G4×1817CC · 84×82 GEMINI -PF60 FLORIAN -PA30	<b>M171H</b>	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	<b>9-11510-609</b> <b>8-94215-641</b> <b>9-11510-141</b> <b>8-94250-574</b>
		63-171-2	4	2,4	55.92	59.00	1.515	21.13	
	<b>R171H</b>	64-171-1	8	1~4	48.92	52.00	1.513	22.13	<b>9-12271-143</b> <b>9-12271-100</b>
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—	<b>8-94210-750</b> <b>9-11581-021</b>
	<b>P171H</b> (UP TO '79)	67-171-1	4	1~4	22.00	25.42	1.760	26.00	<b>9-12251-045</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>G180S(OHC)</b> 1969~75 G4×1817CC · 84×82 BELLET -PR90,95 FLORIAN -PA30 117 COUPE -PA95	<b>M171H</b>	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	<b>9-11510-609</b> <b>8-94215-641</b> <b>9-11510-141</b> <b>8-94250-574</b> <b>9-12271-143</b> <b>9-12271-100</b> <b>8-94210-750</b> <b>9-11581-021</b> <b>9-11611-040</b> <b>9-12251-045</b>
		63-171-2	4	2,4	55.92	59.00	1.515	21.13	
	<b>R171H</b>	64-171-1	8	1~4	48.92	52.00	1.513	22.13	
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—	
	<b>C172L</b>	62-172-1	10	1~5	29.93	33.00	1.510	20.13	
<b>G180W (DOHC)</b> 1982~ G4×1817CC · 82×75 GEMINI -PF60  <b>G200W (DOHC)</b> 1979~85 G4×1949CC · 87×82 117 COUPE -PA96 PIAZZA -JR130	<b>M171H</b>	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	<b>8-94250-574</b> <b>8-94215-641</b> <b>9-11510-609</b> <b>9-11510-141</b>  <b>8-94424-246</b> <b>8-94218-061</b> <b>8-94210-750</b> <b>9-11581-021</b> <b>9-11611-040</b>
		63-171-2	4	2,4	55.92	59.00	1.515	21.13	
	<b>R</b>								
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—	
<b>G200Z</b> 1979~85 G4×1949CC · 87×82 PIAZZA -JR130 TROOPER -UBS13 117 COUPE -PA96	<b>M171H</b>	63-171-1	6	1,3,5	55.92	59.00	1.515	32.13	<b>9-11510-609</b> <b>8-94215-641</b> <b>9-11510-141</b> <b>8-94250-574</b> <b>8-94115-354</b> <b>8-94424-252</b> <b>8-94251-266</b> <b>8-94210-750</b> <b>9-11581-021</b>
		63-171-2	4	2,4	55.92	59.00	1.515	21.13	
	<b>R172A1</b>	64-172-1	8	1~4	48.93	52.00	1.505	22.00	
<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—		
<b>G200Z, G200W</b> 1986~ G4×1949CC · 87×82 PIAZZA -JR130	<b>M172A</b>	63-172-1	10	1~5	55.92	60.00	2.011	21.86	<b>8-94251-263</b> <b>8-94115-354</b> <b>8-94424-252</b> <b>8-94251-266</b> <b>8-94251-265</b> <b>8-94210-265</b> <b>8-94210-750</b> <b>9-11581-021</b>
	<b>R172A1</b>	64-172-1	8	1~4	48.93	52.00	1.505	22.00	
	<b>T171A1</b>	65-171-1	2	3	—	—	2.360	—	
<b>G201</b> 1968~79 G4×1951CC · 86×84 BUS -KUG20,TLG22	<b>M152H1</b>	63-152-1	4	1,5	59.92	64.00	2.013	30.50	<b>5-11510-029</b> <b>5-11510-014</b> <b>9-11510-150</b> <b>9-12271-156</b> <b>9-11581-048</b> <b>5-11610-002</b> <b>5-11610-005</b> <b>9-11610-602</b>
		63-153-2	4	2,4	59.92	64.00	2.013	23.00	
		63-153-4	2	3	59.92	64.00	2.013	38.00	
	<b>R152H</b>	64-152-1	4	1~4	52.93	56.00	1.513	24.10	
		64-152-2	4	1~4	52.93	56.00	1.513	24.10	
	<b>T157H</b>	65-157-1	2	3	—	—	2.480	—	
	<b>C160L1</b>	62-160-1	1	1	47.95	52.04	2.000	22.00	
		62-160-2	1	2	47.95	52.04	2.000	22.00	
62-160-3		1	3	47.95	52.04	2.000	22.00		



# ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

ISUZU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>DK10, DK10A, DK10T</b> 1966~86 D6×10178CC · 120×150 RANGER -BG100,TC720 ZM440,100 ZP100 TRACTOR -HE300,301 KA311,HF100 HH700	<b>M211H</b>	63-211-1	2	1,7	99.95	106.02	2.995	44.63	<b>11701-1110</b>	
		63-211-2	2	1,7	99.95	106.02	2.995	44.63	<b>11701-1070</b>	
		63-211-3	4	2,3,5,6	99.95	106.02	2.995	33.13	<b>11701-1490</b>	
		63-211-4	4	2,3,5,6	99.95	106.02	2.995	33.13	<b>11701-1290</b>	
		63-211-5	1	4	99.95	106.02	2.995	60.15		
		63-211-6	1	4	99.95	106.02	2.995	60.15		
	<b>R207H1</b>	64-207-1	6	1~6	79.96	85.02	2.495	44.13	<b>13201-1270</b>	
		64-207-2	6	1~6	79.96	85.02	2.495	44.13	<b>13201-1090</b> <b>13201-1080</b> <b>13201-1081</b> <b>13201-1072</b> <b>13201-1341</b>	
	<b>DK20, DK20T</b> 1966~80 D6×10178CC · 120×150 RANGER -BG100 RAINBOW -RC400,420,320	<b>T203P</b> (UP TO '77)	65-203-1	4	4	—	—	4.970	—	<b>11011-1050</b>
			<b>T211P</b> (AFTER '77)	65-211-1	3	4	—	—	3.470	—
	<b>DM100</b> 1963~86 D6×4313CC · 90×113 RANGER -KM320,350,500 450 HM320,RM100 RAINBOW -BM320	<b>M202H</b>	63-202-1	2	1,7	66.94	71.00	2.000	32.13	<b>11701-1170</b>
63-202-2			2	1,7	66.94	71.00	2.000	32.13	<b>11701-1180</b>	
63-202-3			4	2,3,5,6	66.94	71.00	2.000	23.63		
63-202-4			4	2,3,5,6	66.94	71.00	2.000	23.63		
63-202-5			1	4	66.94	71.00	2.000	36.13		
63-202-6			1	4	66.94	71.00	2.000	36.13		
<b>R202H</b>		64-202-1	12	1~6	55.93	59.00	1.500	33.63	<b>13201-1140</b> <b>13201-1150</b>	
		<b>T202H</b>	65-202-1	4	4	—	—	2.500	—	<b>11011-1080</b> <b>11011-1090</b>
<b>C202L</b>			62-202-1	1	1	54.95	58.03	1.500	35.00	<b>11812-1040</b>
		62-202-2	1	2	53.95	57.03	1.500	32.00	<b>11822-1040</b>	
		62-202-3	1	3	53.45	56.53	1.500	21.50	<b>11832-1040</b>	
		62-202-4	1	4	52.95	56.03	1.500	32.00	<b>11842-1040</b>	
		62-202-5	1	5	45.95	49.03	1.500	29.00	<b>11852-1030</b>	
<b>P202H</b>		67-202-1	6	1~6	28.99	32.03	1.540	33.90	<b>13272-1130</b>	

# HINO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>DS50</b> 1960~86 D6×7982CC · 110×140 RANGER -TH14,17,320 340 TA14,ZC34 CRANE -ZK11,500,700 ZL300  <b>DS60</b> 1960~81 D6×7982CC · 110×140 TRUCK -TH360 RAINBOW -BT51,100  <b>DS70</b> 1960~86 D6×7014CC · 105×134 RANGER -KC320,300 WA200,211 KE102,202 TE11,61,100,120 RAINBOW -RD100 FIRE ENGINE -TE120,220  <b>DS80</b> 1962~68 D6×7982CC · 110×140 RAINBOW -BT51,61,220	<b>M201H</b>	63-201-1	2	1,7	89.95	96.02	3.007	43.13	<b>11701-1360</b>		
		63-201-2	2	1,7	89.95	96.02	3.007	43.13			
		63-201-3	4	2,3,5,6	89.95	96.02	3.007	31.13			
		63-201-4	4	2,3,5,6	89.95	96.02	3.007	31.13			
		63-201-5	1	4	89.95	96.02	3.007	64.13			
		63-201-6	1	4	89.95	96.02	3.007	64.13			
		<b>R201H</b>	64-201-1	12	1~6	74.93	81.02	3.010	47.13	<b>13201-1230</b> <b>13201-1240</b>	
		<b>T201H</b>	65-201-1	4	4	—	—	3.980	—	<b>11011-1130</b>	
	<b>EB100</b> 1967~86 D6×9036CC · 115×145 RANGER -KB100,120,121 111,300,301 312,321,340 341,360,361 ZQ500,700 ZR100 ZS100,ZT100  <b>EB100H</b> 1971~73 D6×9036CC · 115×145  <b>EB200</b> 1968~79 D6×9036CC · 115×145 RAINBOW -RE100,120,140 200,220  <b>EB300</b> 1971~77 D6×9838CC · 120×145 RANGER -KB112,121,302 303,392,382 384,394 CRANE -ZR250,ZT320 300 TRACTOR -HE320	<b>M204H1</b>	63-204-1	4	1,7	94.95	101.02	3.000	44.13	<b>11701-1160</b> <b>11701-1150</b> <b>11701-1161</b>	
			63-204-3	8	2,3,5,6	94.95	101.02	3.000	34.13		
63-204-5			2	4	94.95	101.02	3.000	64.13			
			<b>R204H2</b>	64-204-1	6	1~6	74.96	81.02	3.000		46.13
				64-204-2	6	1~6	74.96	81.02	3.000		46.13
		<b>T204P</b>	65-204-1	4	4	—	—	4.970	—	<b>13201-1300</b> <b>13201-1280</b> <b>13201-1120</b> <b>13201-1111</b> <b>13201-1110</b>  <b>11011-1060</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>EB300</b> 1977~86 D6×9838CC · 120×145 RANGER -KB304,394 ZT300,320 RAINBOW -BY320,340,300 RF320,420  <b>EB400</b> 1978~88 D6×9838CC · 120×145 RAINBOW -RE100,161,201 121,141	<b>M204H1</b>	63-204-1	4	1,7	94.95	101.02	3.000	44.13	<b>11701-1160</b>	
		63-204-3	8	2,3,5,6	94.95	101.02	3.000	34.13	<b>11701-1161</b>	
		63-204-5	2	4	94.95	101.02	3.000	64.13	<b>11701-1150</b>	
	<b>R204H2</b>	64-204-1	6	1~6	74.96	81.02	3.000	46.13	<b>13201-1300</b>	
		64-204-2	6	1~6	74.96	81.02	3.000	46.13	<b>13201-1280</b> <b>13201-1120</b> <b>13201-1111</b> <b>13201-1110</b>	
	<b>T213P</b>	65-204-1	3	4	-	-	4.970	-	<b>11011-1171</b>	
									<b>11011-1170</b>	
	<b>EC100</b> 1969~86 D6×5010CC · 97×113 RANGER -KL300,320,460 KJ300,FD121 RAINBOW -AM100 FIRE ENGINE -KL300	<b>M205H</b>	63-205-1	4	1,7	73.94	79.00	2.490	32.10	<b>11701-1260</b>
			63-205-2	8	2,3,5,6	73.94	79.00	2.490	28.10	<b>11701-1451</b>
			63-205-3	2	4	73.94	79.00	2.490	35.10	<b>11701-1450</b> <b>3-380-1114-01</b>
<b>R205H1</b>		64-205-1	12	1~6	59.94	64.00	2.000	33.63	<b>13201-1160</b>	
									<b>13201-1170</b> <b>13201-1290</b> <b>13201-1291</b>	
<b>T205H</b>		65-205-1	4	4	-	-	2.500	-	<b>11011-1110</b>	
									<b>11812-1030</b>	
<b>C205L</b>		62-205-1	1	1	1	56.44	59.53	1.500	35.00	<b>11822-1030</b>
				2	2	54.44	57.53	1.500	30.00	<b>11832-1030</b>
				3	3	53.84	56.93	1.500	30.00	<b>11842-1050</b>
				4	4	53.54	56.63	1.500	30.00	
<b>P205H</b>		67-205-1	6	1~6	31.49	35.53	2.040	37.10	<b>13272-1140</b>	
<b>ED100, ED100-T</b> 1971~86 D6×11581CC · 128×150 RANGER -TC382,365 KB500 KF320,340,365 420,355 WD100 ZM341,360,763 KS340,390 WP320 ZC100,120 ZH150,110 ZG150 TRACTOR -HE355,335 HH130 CRANE -ZR300 FIRE ENGINE -TC342,KS340	<b>M211H</b>	63-211-1	2	1,7	99.95	106.02	2.995	44.63	<b>11701-1490</b>	
		63-211-2	2	1,7	99.95	106.02	2.995	44.63	<b>11701-1491</b>	
		63-211-3	4	2,3,5,6	99.95	106.02	2.995	33.13	<b>11701-1290</b>	
		63-211-4	4	2,3,5,6	99.95	106.02	2.995	33.13	<b>11701-1110</b>	
		63-211-5	1	4	99.95	106.02	2.995	60.15	<b>11701-1070</b>	
		63-211-6	1	4	99.95	106.02	2.995	60.15		
	<b>R207H1</b>	64-207-1	6	1~6	79.96	85.02	2.495	44.13	<b>13201-1271</b>	
		64-207-2	6	1~6	79.96	85.02	2.495	44.13	<b>13201-1072</b> <b>13201-1071</b> <b>13201-1270</b> <b>13201-1090</b> <b>13201-1080/1</b> <b>13201-1341</b>	
	<b>T203P</b> (UP TO '77)	65-203-1	4	4	-	-	4.970	-	<b>11011-1050</b>	
	<b>T211P</b> (AFTER '77)	65-211-1	3	4	-	-	3.470	-	<b>11011-1200</b>	

# HINO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>EF100, EF100-T</b> 1971~82 DV8×13804CC · 130×130 RANGER -ZM702,703,743 363 KF722,765,865 KA340 TC741,761,781 RV850,830 RAINBOW -RV730,750,830 850  <b>EF300</b> 1971~81 DV8×14232CC · 132×130 RANGER -ZM764,704,705 TC746,742,482 702 KF786,793,794 703,797 RAINBOW -RV761,RS120	<b>M210H1</b>	63-210-1	5	1~5	104.90	111.02	3.010	34.00	<b>11701-1431</b> <b>11701-1430</b> <b>11701-1280</b>	
		63-210-2	5	1~5	104.90	111.02	3.010	34.00		
		<b>R210H1</b>	64-210-1	8	1~8	83.95	89.03	2.500	32.50	<b>13201-1021</b> <b>13201-1020</b> <b>13201-1200</b>
			64-210-2	8	1~8	83.95	89.03	2.500	32.50	
		<b>T210H</b> (UP TO '75)	65-210-1	3	5	—	—	3.970	—	<b>11011-1030</b>
		<b>T212H</b> (AFTER '75)	65-212-1	3	5	—	—	4.470	—	<b>11011-1150</b>
	<b>P210H</b>	67-210-1	8	1~8	49.99	55.03	2.530	40.20	<b>13272-1050</b> <b>13272-1010</b>	
		67-210-(L)	—	—	—	—	—	51.00		
<b>EF350</b> 1979~82 DV8×14779CC · 132×135 RANGER -KF704,706 KS341,ZM765 RAINBOW -RS141  <b>EF500</b> 1976~82 DV8×15459CC · 135×135 RANGER -KF500,520,590 565,580,555 560,585 WP325 RAINBOW -RV541,RS360  <b>EF700</b> 1976~81 DV8×15920CC · 137×135 RANGER -ZM500 TRACTOR -HF366,HE360 ZM900  <b>EF700-T</b> 1979~83 DV8×15920CC · 137×135	<b>M</b>								<b>11701-1023</b> <b>11701-1022</b> <b>11701-1021</b> <b>11701-1020</b>	
		<b>R210H1</b>	64-210-1	8	1~8	83.95	89.03	2.500	32.50	<b>13201-1021</b> <b>13201-1020</b> <b>13201-1200</b>
			64-210-2	8	1~8	83.95	89.03	2.500	32.50	
		<b>T212H</b>	65-212-1	3	5	—	—	4.470	—	<b>11011-1150</b>
		<b>P210H</b>	67-210-1	8	1~8	49.99	55.03	2.530	40.20	<b>13272-1050</b> <b>13272-1010</b>
	67-210-(L)		—	—	—	—	—	51.00		
<b>EF550</b> 1981~ DV8×16260CC · 135×142 TRUCK -FS600,604,606 608,630  <b>EF750, EF750-T</b> 1981~ DV8×16745CC · 137×130 TRUCK -FS634,636,638 -FN634,635,638 FR630,634,635 636,638,639 TRACTER -FS634,638 SH631,SS631 DIESEL BUS -RV636,637,638	<b>M220H1</b>	63-220-1	5	1~5	109.90	116.02	3.007	35.13	<b>11701-1580</b> <b>11701-1680</b> <b>11701-1800</b>	
		63-220-2	5	1~5	109.90	116.02	3.007	35.13		
		<b>R220H1</b>	64-220-1	8	1~8	83.95	89.03	2.500	32.50	<b>13201-1380</b>
			64-220-2	8	1~8	83.95	89.03	2.500	32.50	
		<b>T221H</b> (UP TO '85/10)	65-220-1	3	5	—	—	4.470	—	<b>11011-1210</b>
		<b>T220H</b> (AFTER '85/10)	65-220-1	4	5	—	—	4.470	—	<b>11011-1260</b>
	<b>T</b>								<b>11011-1290</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>EG100</b> 1971~76 DV8×14886CC · 135×130 TRACTOR -TC561,541 WG300 RAINBOW -RV530,550	<b>M210H1</b>	63-210-1	5	1~5	104.90	111.02	3.010	34.00	<b>11701-1431</b> <b>11701-1430</b> <b>11701-1280</b>
		63-210-2	5	1~5	104.90	111.02	3.010	34.00	
	<b>R210H1</b>	64-210-1	8	1~8	83.95	89.03	2.500	32.50	<b>13201-1021</b> <b>13201-1020</b> <b>13201-1200</b>
		64-210-2	8	1~8	83.95	89.03	2.500	32.50	
	<b>T212H</b>	65-212-1	3	5	—	—	4.470	—	<b>11011-1150</b>
	<b>P210H</b>	67-210-1	8	1~8	49.99	55.03	2.530	40.20	<b>13272-1050</b> <b>13272-1010</b>
		67-210-(L)	—	—	—	—	—	51.00	
	<b>EH100</b> 1972~86 D6×5871CC · 105×113 RANGER -KR320,360 KJ500 KL500,520,540 560 WB321 RAINBOW -AM101,RL321 R301	<b>M205H</b>	63-205-1	4	1,7	73.94	79.00	2.490	32.10
63-205-2			8	2,3,5,6	73.94	79.00	2.490	28.10	
63-205-3			2	4	73.94	79.00	2.490	35.10	
<b>M208H1</b>		63-208-1	4	1,7	73.94	79.00	2.490	32.13	<b>11701-1271</b> <b>11701-1270</b> <b>11701-1520</b>
		63-208-2	8	2,3,5,6	73.94	79.00	2.490	28.13	
		63-208-3	2	4	73.94	79.00	2.490	35.13	
<b>R206H1</b>		64-206-1	6	1~6	62.94	67.00	2.000	33.60	<b>13201-1180</b>
		64-206-2	6	1~6	62.94	67.00	2.000	33.60	
<b>T205H</b>		65-205-1	4	4	—	—	2.500	—	<b>11011-1110</b>
<b>C205L</b>		62-205-1	1	1	56.44	59.53	1.500	35.00	<b>11812-1030</b> <b>11822-1030</b> <b>11832-1030</b> <b>11842-1030</b>
		62-205-2	1	2	54.44	57.53	1.500	30.00	
		62-205-3	1	3	53.84	56.93	1.500	30.00	
		62-205-4	1	4	53.54	56.63	1.500	30.00	
<b>EH300</b> 1974~80 D6×6211CC · 108×113 RANGER -KL501,521,541 KR301,302 KJ501 KU581,591 RAINBOW -RD300 FIRE ENGINE -KL501		<b>M208H1</b>	63-208-1	4	1,7	73.94	79.00	2.490	32.13
	63-208-2		8	2,3,5,6	73.94	79.00	2.490	28.13	
	63-208-3		2	4	73.94	79.00	2.490	35.13	
	<b>R209H1</b>	64-209-1	6	1~6	64.94	69.00	2.000	33.63	<b>13201-1190</b>
		64-209-2	6	1~6	64.94	69.00	2.000	33.63	
	<b>T205H</b>	65-205-1	4	4	—	—	2.500	—	<b>11011-1110</b>
	<b>C205L</b>	62-205-1	1	1	56.44	59.53	1.500	35.00	<b>11812-1030</b> <b>11822-1030</b> <b>11832-1030</b> <b>11842-1030</b>
		62-205-2	1	2	54.44	57.53	1.500	30.00	
		62-205-3	1	3	53.84	56.93	1.500	30.00	
		62-205-4	1	4	53.54	56.63	1.500	30.00	

# HINO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>EH500</b> 1980~86 D6×6211CC · 108×113 RANGER -FD151,153,155 156 KD154 RAINBOW -RJ	<b>M208H1</b>	63-208-1	4	1,7	73.94	79.00	2.490	32.13	<b>11701-1271</b>	
		63-208-2	8	2,3,5,6	73.94	79.00	2.490	28.13	<b>11701-1270</b>	
		63-208-3	2	4	73.94	79.00	2.490	35.13	<b>11701-1520</b>	
	<b>R208H1</b>	64-208-1	6	1~6	64.94	69.00	2.000	33.63	<b>13201-1261</b>	
		64-208-2	6	1~6	64.94	69.00	2.000	33.63	<b>13201-1260</b>	
	<b>T205H</b>	65-205-1	4	4	—	—	2.500	—	<b>11011-1110</b>	
	<b>EH700</b> 1975~ D6×6443CC · 110×113 RANGER -KL505,525 ★ KR305 LB595,565 SD171 FT173,175 KG175 GD171,172,179 FF174,175,172 173 RAINBOW -RD301 ★ RJ170,172 RR170,172 FIRE ENGINE -KL525,FD171	<b>P208H1</b>	67-208-1	6	1~6	38.99	43.03	2.020	31.00	<b>13272-1220</b>
			67-208-(L)	—	—	—	—	—	40.00	<b>13272-1270</b>
		<b>C208A</b> (UP TO '83)	62-218-1	1	1	61.44	64.60	1.495	35.00	<b>11812-1051</b>
			62-208-2	1	2	61.24	64.40	1.500	30.00	<b>11822-1050</b>
62-208-3			1	3	61.04	64.20	1.500	30.00	<b>11832-1050</b>	
62-208-4			1	4	60.84	64.00	1.500	30.00	<b>11842-1030</b>	
62-208-5			1	5	60.64	63.80	1.500	30.00	<b>11852-1040</b>	
62-208-6			1	6	60.44	63.60	1.500	30.00	<b>11862-1020</b>	
62-218-7			1	7	58.24	61.40	1.500	30.00	<b>11872-1030</b>	
<b>C218A</b> (AFTER '84)		62-218-1	1	1	61.44	64.60	1.495	35.00	<b>11812-1051</b>	
	62-218-2	1	2	61.24	64.40	1.500	26.00	<b>11822-1110</b>		
	62-218-3	1	3	61.04	64.20	1.500	26.00	<b>11832-1080</b>		
	62-218-4	1	4	60.84	64.00	1.500	26.00	<b>11842-1080</b>		
FIRE ENGINE	62-218-5	1	5	60.64	63.80	1.500	26.00	<b>11852-1060</b>		
	62-218-6	1	6	60.44	63.60	1.500	26.00	<b>11862-1040</b>		
	62-218-7	1	7	58.24	61.40	1.500	30.00	<b>11872-1030</b>		
<b>EH700-T</b> 1983~88										
<b>EK100</b> 1975~ D6×13267CC · 137×150 RANGER -KF301, 366, 391 KS341, 391 KB501 TC383, HE336 WD300	<b>M214H1</b>	63-214-1	7	1~7	89.91	96.02	3.000	40.00	<b>11701-1010</b>	
		63-214-2	7	1~7	89.91	96.02	3.000	40.00	<b>11701-1011</b> <b>11701-1012</b> <b>11701-1013</b> <b>11701-1690</b>	
	<b>R214H1</b>	64-214-1	6	1~6	83.95	89.03	2.500	40.50	<b>13201-1010</b>	
		64-214-2	6	1~6	83.95	89.03	2.500	40.50	<b>13201-1011</b> <b>13201-1012</b>	
	<b>T214H</b>	65-214-1	3	5	—	—	3.970	—	<b>11011-1011</b>	
	<b>P214H</b>	67-210-1	6	1~6	49.99	55.03	2.530	40.20	<b>13272-1050</b>	
		67-210-(L)	—	—	—	—	—	51.00	<b>13272-1010</b>	
	<b>EK100-T</b> 1984~9 D6×13267CC · 137×150	<b>C214A</b>	62-214-1	1	1	71.00	65.97	2.500	42.00	<b>11811-1190</b>
			62-214-2	1	2	71.00	65.77	2.600	30.00	<b>11821-1200</b>
			62-214-3	1	3	71.00	65.57	2.700	30.00	<b>11831-1140</b>
62-214-4			1	4	71.00	65.37	2.800	42.00	<b>11841-1130</b>	
<b>EK130-T</b> 1986~ ★		62-214-5	1	5	71.00	65.17	2.900	30.00	<b>11851-1090</b>	
		62-214-6	1	6	71.00	64.97	3.000	30.00	<b>11861-1060</b>	
		62-214-7	1	7	71.00	64.77	3.100	32.00	<b>11871-1060</b>	
<b>EK200</b> 1979~ D6×13267CC · 137×150 RAINBOW -KRC721										



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>EL100</b> 1978~91 D6×7862CC · 116×124 RANGER -KK188,189 LB700,760	<b>M215H</b>	63-215-1	7	1~7	89.91	96.02	3.007	34.00	<b>11701-1460/70</b>	
		63-215-2	7	1~7	89.91	96.02	3.007	34.00		
	<b>R215H</b>	64-215-1	6	1~6	72.95	77.03	2.002	32.00	<b>13201-1252</b> <b>13201-1312</b>	
		64-215-2	6	1~6	72.95	77.03	2.002	32.00		
<b>EL100-T</b> 1981~91	<b>T215H</b> (UP TO '80)	65-215-1	3	4	—	—	3.470	—	<b>11011-1180</b>	
	<b>T219H</b> (AFTER '80)	65-219-1	4	4	—	—	2.970	—	<b>11011-1220</b>	
<b>EM100</b> 1981~ D6×9419CC · 124×130 RANGER -FH221,220,228 229	<b>M215H</b>	63-215-1	7	1~7	89.91	96.02	3.007	34.00	<b>11701-1460/70</b>	
		63-215-2	7	1~7	89.91	96.02	3.007	34.00		
	★ <b>C215A</b>	<b>R223H</b>	64-223-1	12	1~6	74.95	80.03	2.502	32.00	<b>13201-1400</b> <b>13201-1510</b>
		<b>T219H</b>	65-219-1	4	4	—	—	2.970	—	
		62-215-1	1	1	69.00	64.97	2.000	34.00	<b>11811-1070</b> <b>11821-1070</b> <b>11831-1060</b> <b>11841-1020</b> <b>11851-1050</b> <b>11861-1040</b> <b>11871-1050</b>	
		62-215-2	1	2	68.60	64.57	2.000	20.00		
		62-215-3	1	3	68.20	64.17	2.000	20.00		
		62-215-4	1	4	67.80	63.77	2.000	20.00		
		62-215-5	1	5	67.40	63.37	2.000	20.00		
	62-215-6	1	6	67.00	62.97	2.000	20.00			
	62-215-7	1	7	66.60	62.57	2.000	25.00			
	★ <b>P215H</b>	67-215-1-1 67-215-(L)	1 —	6 —	41.95 —	46.03 —	1.995 —	34.00 43.00	<b>13272-1250</b> <b>S1327-21250</b>	
	<b>EP100, EP100-T</b> 1982~ D6×8821CC · 120×130 RANGER -FN288	<b>M215H</b>	63-215-1	7	1~7	89.91	96.02	3.007	34.00	<b>11701-1590</b>
63-215-2			7	1~7	89.91	96.02	3.007	34.00		
<b>R221H</b> (UP TO '84)		<b>R221H</b>	64-221-1	12	1~6	74.95	80.03	2.502	32.00	<b>13201-1410</b>
		<b>R222H</b> (AFTER '84)	64-222-1 64-222-2	6 6	1~6 1~6	74.95 74.95	80.03 80.03	2.502 2.502	32.00 32.00	
<b>P09B-T</b> 1984~ D6×8501CC · 117.8×130		<b>T219H</b>	65-219-1	4	4	—	—	2.970	—	<b>11011-1220</b>
<b>M10U</b> 1985~ D6×9880CC	★ <b>P222H</b>	67-222-1	6	1~6	46.99	51.07	2.000	25.50 43.50	<b>S1327-21340</b> <b>13272-1260</b>	
<b>ER100</b> 1981~86 D6×11581CC · 128×150	<b>M211H</b>	63-211-1	2	1,7	99.95	106.02	2.995	44.63	<b>11701-1490</b> <b>11701-1491</b> <b>11701-1290</b> <b>11701-1110</b> <b>11701-1070</b>	
		63-211-2	2	1,7	99.95	106.02	2.995	44.63		
		63-211-3	4	2,3,5,6	99.95	106.02	2.995	33.13		
		63-211-4	4	2,3,5,6	99.95	106.02	2.995	33.13		
		63-211-5	1	4	99.95	106.02	2.995	60.15		
		63-211-6	1	4	99.95	106.02	2.995	60.15		
	<b>R211H</b>	64-211-1	6	1~6	79.95	85.02	2.500	40.13	<b>13201-1341</b>	
		64-211-2	6	1~6	79.95	85.02	2.500	40.13		
	<b>T211P</b>	65-211-1	3	4	—	—	3.470	—	<b>11011-1200</b>	
	<b>ER200</b> 1978~86 D6×11581CC · 128×150 RAINBOW -RC301,321 721,301 HU223,226									

# HINO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>F17C</b> 1987~1991 DV8×17238CC · 139×142 DOLPHIN -FS668  <b>F17CT</b> 1987~1991 DV8×17238CC · 139×142  <b>F17D</b> 1989~ DV8×16745CC · 139×142 DOLPHIN -FN1F  <b>F17D-T</b> 1990~ DV8×16745CC · 137×142 DOLPHIN -FS1F  <b>F17E</b> 1989~ DV8×16745CC · 137×142 DOLPHIN -FS2F  <b>F20C</b> 1989~ DV8×19688CC · 146×147 DOLPHIN -FS3F	<b>M220H1</b>	63-220-1	5	1~5	109.90	116.02	3.007	35.13	<b>11701-1580</b>	
		63-220-2	5	1~5	109.90	116.02	3.007	35.13		
		<b>R220H1</b>	64-220-1	8	1~8	83.95	89.03	2.500	32.50	<b>13201-1380</b>
			64-220-2	8	1~8	83.95	89.03	2.500	32.50	
		<b>T221H</b>	65-220-1	3	5	—	—	4.470	—	<b>11011-1210</b>
	<b>H06C</b> 1984~ D6×6485CC · 108×118 RANGER -FD154,161,162 RAINBOW -RR192  <b>H06C-T</b> 1982~ D6×6485CC · 108×118 RANGER -FD164,169 FG195, KK199  <b>H07C</b> 1984~ D6×6728CC · 110×118 RANGER -FD171,SD171 FF171,FC171 RAINBOW -RK172,RU174 RJ170,172  <b>H07C-T</b> 1989~ D6×6728CC · 110×118 RANGER -FD2H,FF2H,GD2H	<b>M208H1</b>	63-218-1	3	1,4,7	79.94	85.00	2.487	32.13	<b>11701-2330A</b> <b>11701-1991B</b> <b>11701-1790</b> <b>11701-1661</b> <b>11701-1640</b> <b>11701-1641</b> <b>11701-1601</b> <b>11701-1602</b>
			63-218-2	3	1,4,7	79.94	85.00	2.487	32.13	
			63-218-3	4	2,3,5,6	79.94	85.00	2.487	28.13	
			63-218-4	4	2,3,5,6	79.94	85.00	2.487	28.13	
		<b>R219H1</b> (UP TO '86)	64-219-1	6	1~6	64.94	69.00	1.997	33.63	<b>13201-1480</b> <b>13201-1460</b> <b>13201-1421</b>
			64-218-2	6	1~6	64.94	69.00	1.997	33.63	
		<b>R218H1</b> (AFTER '86)	64-218-1	6	1~6	64.94	69.00	1.997	33.63	<b>13201-1600</b> <b>13201-1590</b> <b>13201-1580</b>
			64-218-2	6	1~6	64.94	69.00	1.997	33.63	
		<b>T218H1</b>	65-218-1	2	4	—	—	2.500	—	<b>11011-1380</b> <b>11011-1270</b> <b>11011-1230</b>
			65-218-2	2	4	—	—	2.500	—	
★ <b>C224A</b> (UP TO '86)  ★ <b>C218A</b> (AFTER '86)	<b>P208H1</b>	67-208-1	6	1~6	38.99	43.03	2.020	31.00	<b>13272-1270</b>	
		67-208-(L)	—	—	—	—	—	40.00		
			62-218-1	1	1	61.44	64.60	1.495	35.00	<b>11812-1051</b> <b>11832-1080</b> <b>11852-1060</b> <b>11872-1030</b>
			62-218-3	1	2	61.04	64.20	1.500	26.00	
			62-218-5	1	3	60.64	63.80	1.500	26.00	
			62-218-7	1	4	58.24	61.40	1.500	30.00	
			62-218-1	1	1	61.44	64.60	1.495	35.00	<b>11812-1051</b> <b>11822-1110</b> <b>11832-1080</b> <b>11842-1080</b> <b>11852-1060</b> <b>11862-1040</b> <b>11872-1030</b>
			62-218-2	1	2	61.24	64.40	1.500	26.00	
			62-218-3	1	3	61.04	64.20	1.500	26.00	
			62-218-4	1	4	60.84	64.00	1.500	26.00	
62-218-5			1	5	60.64	63.80	1.500	26.00		
62-218-6			1	6	60.44	63.60	1.500	26.00		
62-218-7			1	7	58.24	61.40	1.500	30.00		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.												
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)													
<b>H07D</b> 1989~ D6×7412CC · 110×130 RANGER -FD3,GD3	<b>M218H1</b>	63-218-1	3	1,4,7	79.94	85.00	2.487	32.13	<b>11701-2330A</b>												
		63-218-2	3	1,4,7	79.94	85.00	2.487	32.13	<b>11701-1991B</b>												
		63-218-3	4	2,3,5,6	79.94	85.00	2.487	28.13	<b>11701-1661</b>												
		63-218-4	4	2,3,5,6	79.94	85.00	2.487	28.13	<b>11701-1602</b>												
	<b>R224H1</b>	64-224-1	6	1~6	64.94	69.00	1.997	25.13	<b>13201-1640</b>												
		64-224-2	6	1~6	64.94	69.00	1.997	25.13	<b>13201-1631</b>												
	<b>T218H1</b>	65-218-1	2	4	—	—	2.500	—	<b>11011-1380</b>												
		65-218-2	2	4	—	—	2.500	—	<b>11011-1270</b> <b>11011-1230</b>												
	<b>J05C, J05C-T1</b> 1995~ D4×5307CC · 114×130	<b>M224H</b> (FOR J08C)	63-218-3	7	—	79.94	85.00	2.487	28.13	<b>11701-2180A</b>											
			63-218-4	7	—	79.94	85.00	2.487	28.13	<b>11701-2230</b> <b>11701-2140A</b> <b>11701-2110</b> <b>11701-1961B</b>											
		<b>M226H</b> (FOR J08C) (With oil groove and micro grooves)	63-218-3	7	—	79.94	85.00	2.487	28.13	<b>11701-2140A</b>											
			63-225-1	7	—	79.94	85.00	2.487	28.13												
<b>MP224H</b>		63-218-3	1	—	79.94	85.00	2.487	28.13	<b>11019-1470A</b> <b>11701-2320A</b> <b>11701-2170A</b> <b>11701-2310A</b> <b>11701-2160A</b>												
		63-218-4	1	—	79.94	85.00	2.487	28.13													
<b>J07C</b> 1995~ D5×6634CC · 114×130 RANGER -FC5J		<b>MP226H</b> (With oil groove and micro grooves)	63-218-3	1	—	79.94	85.00	2.487	28.13	<b>11701-2140A</b> <b>11701-2320A</b> <b>11701-2310A</b>											
			63-225-1	1	—	79.94	85.00	2.487	28.13												
		<b>RP224H1</b>	64-224-1	1	—	64.94	69.00	1.997	25.13	<b>13209-1481A</b> <b>13201-1800</b> <b>13201-1790</b> <b>13201-1780A</b> <b>13201-1810A</b> <b>13201-1770A</b> <b>13201-1820A</b> <b>13201-1751/61</b> <b>13201-1631/40</b>											
			64-224-2	1	—	64.94	69.00	1.997	25.13												
		[ 1PAIR/PACKAGE 5PACKAGES/J05C 6PACKAGES/J07C 7PACKAGES/J08C ]	<b>RP224H1</b>	64-224-1 64-224-2	1	—	64.94	69.00	1.997	25.13	<b>13209-1481A</b> <b>13201-1800</b> <b>13201-1790</b> <b>13201-1780A</b> <b>13201-1810A</b> <b>13201-1770A</b> <b>13201-1820A</b> <b>13201-1751/61</b> <b>13201-1631/40</b>										
												[ 1PAIR/PACKAGE 4PACKAGES/J05C 5PACKAGES/J07C 6PACKAGES/J08C ]									
													<b>T218H1</b>	65-218-1	2	4	—	—	2.500	—	<b>11011-1380</b> <b>11011-1270</b> <b>11011-1230</b>
														65-218-2	2	4	—	—	2.500	—	
		<b>P218H</b> (FOR J05C)	67-218-1	4	1~4	36.99	41.03	1.995	35.50	<b>S1327-21381</b> <b>13272-1300</b>											
			<b>P219H</b> (FOR J07C)	67-218-1	5	1~5	36.99	41.03	1.995	35.50	<b>S1327-21381</b> <b>13272-1300</b>										
<b>P220H</b> (FOR J08C)		67-218-1	6	1~6	36.99	41.03	1.995	35.50	<b>S1327-21381</b> <b>13272-1300</b>												
★ <b>C220A</b> (FOR J08C)		62-220-1	2	—	39.93	44.00	1.995	27.93	<b>11901-1020A</b>												
	62-220-2	8	—	39.93	44.00	1.995	20.13														

# HINO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>J05D</b> 2004~ D4×4728CC · 112×120 RANGER -FC6J,RX6J HX6J XZU433	<b>MP224H</b>	63-218-3	1	—	79.94	85.00	2.487	28.13	<b>11019-1470A</b> <b>11701-2320A</b> <b>11701-2170A</b> <b>11701-2310A</b> <b>11701-2160A</b>
		63-218-4	1	—	79.94	85.00	2.487	28.13	
	[ 1PAIR/PACKAGE 5PACKAGES/J05D 6PACKAGES/J07E 7PACKAGES/J08E ]								
<b>J07E</b> 2004~ D5×6403CC · 112×120 RANGER -GX7J,FD7J MK36A BDG	<b>RP226H</b>	64-226-1	1	—	64.94	69.00	1.997	27.93	<b>13201-2120A</b> <b>13201-2110A</b> <b>13201-2100A</b>
		64-226-2	1	—	64.94	69.00	1.997	27.93	
[ 1PAIR/PACKAGE 4PACKAGES/J05D 5PACKAGES/J07E 6PACKAGES/J08E ]									
<b>J08E</b> 2004~ D6×7684CC · 112×120 RANGER -FD7J,FT8J FD8J,FE8J HU8J BDG	<b>T218H1</b>	65-218-1	2	4	—	—	2.500	—	<b>11011-1380</b> <b>11011-1270</b> <b>11011-1230</b>
		65-218-2	2	4	—	—	2.500	—	
<b>K13C</b> 1987~ D6×12882CC · 135×150 DOLPHIN -FR336	<b>M214H1</b>	63-214-1	7	1~7	89.91	96.02	3.000	40.00	<b>11701-1013</b>
		63-214-2	7	1~7	89.91	96.02	3.000	40.00	
	<b>R225H</b>	64-225-1	6	1~6	83.95	89.03	2.500	40.50	<b>13201-1610</b>
		64-225-2	6	1~6	83.95	89.03	2.500	40.50	
	<b>T214H</b> (UP TO '92)	65-214-1	3	5	—	—	3.970	—	<b>11011-1011</b>
	<b>P214H</b>	67-210-1	6	1~6	49.99	55.03	2.530	40.20	<b>13272-1050</b> <b>13272-1010</b>
		67-210-(L)	—	—	—	—	—	51.00	
	★ <b>C214A</b>	62-214-1	1	1	71.00	65.97	2.500	42.00	<b>11811-1190</b>
		62-214-2	1	2	71.00	65.77	2.600	30.00	<b>11821-1200</b>
		62-214-3	1	3	71.00	65.57	2.700	30.00	<b>11831-1140</b>
		62-214-4	1	4	71.00	65.37	2.800	42.00	<b>11841-1130</b>
62-214-5		1	5	71.00	65.17	2.900	30.00	<b>11851-1090</b>	
62-214-6		1	6	71.00	64.97	3.000	30.00	<b>11861-1060</b>	
62-214-7		1	7	71.00	64.77	3.100	32.00	<b>11871-1060</b>	
<b>P11C</b> 1992~2006 D6×10520CC · 122×150 PROFIA -FH2P,FR2P FR2K,FS2P BLUE RIBBON -HU2P	<b>M215H</b>	63-215-1	7	1~7	89.91	96.02	3.007	34.00	<b>11701-1460/70</b>
		63-215-2	7	1~7	89.91	96.02	3.007	34.00	
	<b>R227H</b>	64-227-1	6	1~6	79.95	85.03	2.509	32.00	<b>S1320-11880</b> <b>13201-1800B</b>
		64-227-2	6	1~6	79.95	85.03	2.509	32.00	
	<b>T227H</b>	65-227-1	4	—	—	—	2.970	—	<b>11011-1330A</b>
	★ <b>P227H</b>	67-227-1	6	1~6	46.99	51.07	2.000	25.50	<b>S1327-21350</b> <b>13272-1350</b>
	67-227-(L)						43.50		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>W04D, W04DT</b> 1983~ D4×4009CC · 104×118 RANGER -FB111,112,113 114 KM545,505,525 FT112,FC111 112 RAINBOW -AB115,RB115	<b>M216H</b>	63-216-1	10	1~5	72.94	78.00	2.493	25.13	<b>11701-1611</b> <b>11701-78010</b>
	<b>R216H</b>	64-216-1	4	1~4	61.94	66.00	1.997	28.13	<b>13201-1430</b> <b>13281-78010</b>
		64-216-2	4	1~4	61.94	66.00	1.997	28.13	
	<b>T216H1</b>	65-216-1	2	4	—	—	2.500	—	<b>11011-1240</b> <b>11011-1280</b>
		65-216-2	2	4	—	—	2.500	—	
	<b>C216L</b>	62-216-1	1	1	56.95	60.03	1.500	27.00	<b>11802-1180</b> <b>11811-1180</b> <b>11821-1190</b> <b>11831-1130</b>
		62-216-2	1	2	56.75	59.83	1.500	27.00	
		62-216-3	1	3	56.55	59.63	1.500	27.00	
	<b>P216H</b>	67-216-1	4	1~4	34.99	39.03	1.992	29.80	<b>13272-1280</b> <b>13272-1281</b>
		67-216-(L)	—	—	—	—	—	38.00	
<b>W06D, W06D-T</b> 1983~ D6×5759CC · 104×113 RANGER -FC141,142,145 146,111,112 RAINBOW -AC140  <b>W06E</b> 1986~ D6×6014CC · 104×118 RANGER -FD161,165,164	<b>M217H</b>	63-216-1	14	1~7	72.94	78.00	2.493	25.13	<b>11701-1750</b> <b>11701-1630</b>
	<b>R217H</b>	64-216-1	6	1~6	61.94	66.00	1.997	28.13	<b>13201-1550</b> <b>13201-1450</b>
		64-216-2	6	1~6	61.94	66.00	1.997	28.13	
	<b>T216H1</b>	65-216-1	2	4	—	—	2.500	—	<b>11011-1240</b> <b>11011-1280</b>
		65-216-2	2	4	—	—	2.500	—	
	<b>C217L</b>	62-216-1	1	1	56.95	60.03	1.500	27.00	<b>11802-1120</b> <b>11811-1180</b> <b>11821-1190</b> <b>11831-1130</b> <b>11841-1120</b>
		62-216-2	1	2	56.75	59.83	1.500	27.00	
		62-216-3	1	3	56.55	59.63	1.500	27.00	
		62-217-4	1	4	56.35	59.83	1.700	27.00	
	<b>P217H</b>	67-216-1	6	1~6	34.99	39.03	1.992	29.80	<b>13272-1280</b> <b>13272-1281</b>
		67-216-(L)	—	—	—	—	—	38.00	

# HINO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

HINO

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>AB10, 20, 30, 40, 50</b> 1976~84/7 G2×547CC · 71.6×68 MAX CUORE -L40,45,55 HIJET -S40,38,65,66 TRUCK -S60,65 (SUZUKI) FRONTE -SS11  <b>AD</b> 1982~84 G2×617CC · 76×68	<b>M255A</b>	63-255-1	6	1~3	41.98	46.02	1.990	19.50	<b>11702-87701</b>	
	<b>R255A</b>	64-255-1	4	1~2	39.98	43.02	1.490	18.00	<b>13202-87701</b>	
	<b>T255A</b>	65-255-1	2	2	—	—	1.990	—	<b>11011-87701</b>	
	<b>B255A</b>	68-255-1	2	1~2	44.95	48.03	1.500	17.00	<b>11902-87701</b> <b>90043-84028</b> <b>90043-84029</b>	
		68-255-2	2	1~2	33.95	37.03	1.500	20.00		
<b>AB31, 35, 40, 51, 55</b> 1983/10~ G2×547CC · 71.6×68 FRONTE -L40V MIRA -L51,56 HIJET -S65,66  <b>AD</b> 1985~ G2×617CC · 76×68	<b>M277A</b>	63-255-1	3	1~3	41.98	46.02	1.990	19.50	<b>11702-87711</b>	
		63-277-2	3	1~3	41.98	46.02	1.990	19.50	<b>11702-87709</b>	
	<b>R255A</b>	64-255-1	4	1~2	39.98	43.02	1.490	18.00	<b>13202-87701</b>	
	<b>T255A</b>	65-255-1	2	2	—	—	1.990	—	<b>11011-87701</b>	
	<b>B255A</b>	68-255-1	2	1~2	44.95	48.03	1.500	17.00	<b>11902-87701</b> <b>90043-84028</b> <b>90043-84029</b>	
68-255-2		2	1~2	33.95	37.03	1.500	20.00			
<b>CB10, 12, 22, 33</b> <b>CB50-T</b> 1977~84/7 G3×993CC · 76×73 CHARADE-G10  <b>CL10</b> 1983~84/7 D3×993CC · 76×73 CHARADE-G30	<b>M256A</b>	63-255-1	8	1~4	41.98	46.02	1.990	19.50	<b>11701-87703</b> <b>11702-87704</b> <b>11702-87703</b>	
		<b>R256A</b>	64-255-1	6	1~3	39.98	43.02	1.490		18.00
	<b>T255A</b>		65-255-1	2	2	—	—	1.990		—
		<b>B256A</b>	68-255-1	1	1	44.95	48.03	1.500	17.00	<b>11902-87702</b> <b>90043-84028</b> <b>90043-84029</b>
			68-255-2	1	2	33.95	37.03	1.500	20.00	
<b>CB22, 23, 33, 36, 37</b> <b>CB41</b> 1984/8~ G3×993CC · 76×73 CHARADE-G100,G11V HIJET -S85,86  <b>CL10</b> 1984/8~ D3×993CC · 76×73 CHARADE-G101	<b>M278A</b>	63-255-1	4	1~4	41.98	46.02	1.990	19.50	<b>11701-87706</b> <b>11701-87705</b> <b>11702-87710</b> <b>11702-87707</b> <b>11702-87706</b> <b>11702-87705</b>	
		63-277-2	4	1~4	41.98	46.02	1.990	19.50		
	<b>R256A</b>	64-255-1	6	1~3	39.98	43.02	1.490	18.00		
		<b>T255A</b>	65-255-1	2	2	—	—	1.990		—
			<b>B256A</b>	68-255-1	1	1	44.95	48.03		1.500
68-255-2	1	2		33.95	37.03	1.500	20.00			



# DAIHATSU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>CB70-T</b> 1987~ G3×993CC · 76×73 CHARADE-G100S	<b>M278A</b>	63-255-1	4	1~4	41.98	46.02	1.990	19.50	<b>11701-87705</b> <b>11701-87706</b> <b>11702-87705</b> <b>11702-87706</b> <b>11702-87707</b>
		63-277-2	4	1~4	41.98	46.02	1.990	19.50	
	<b>R281H</b>	64-281-1	6	1~3	42.97	46.02	1.494	20.10	
<b>T280A</b>	65-280-1	2	3	—	—	1.990	—	<b>11011-87702</b>	
<b>CL50-T, 70-T</b> 1984~ D3×993CC · 76×73 CHARADE-G101S	<b>M280A</b>	63-280-1	4	1~4	47.98	52.02	1.990	17.00	
		63-280-2	4	1~4	47.98	52.02	1.990	17.00	
	<b>R280A</b>	64-280-1	6	1~3	44.98	48.02	1.494	20.00	<b>13041-87704</b> <b>13202-87706</b>
	<b>T280A</b>	65-280-1	2	3	—	—	1.990	—	<b>11011-87702</b>
<b>DG</b> 1969~76 D4×2530CC · 88×104 DELTA -DV26,SV18 BUS -SV26N,DV26N	<b>M275A</b>	63-276-1	3	1,3,5	67.96	72.02	1.997	30.00	<b>11702-87104</b> <b>11702-87101</b> <b>992-5113-89110</b>
		63-276-2	3	1,3,5	67.96	72.02	1.997	30.00	
		63-276-3	2	2,4	67.96	72.02	1.997	24.00	
		63-276-4	2	2,4	67.96	72.02	1.997	24.00	
	<b>R276A</b>	64-276-1	8	1~4	54.97	58.02	1.496	27.63	<b>13202-87305</b> <b>13202-87303</b> <b>13202-87104</b> <b>13202-87101</b>
	<b>T275A</b>	65-275-1	2	3	—	—	2.990	—	<b>992-5113-1394</b>
<b>P275H1</b>	67-275-1	4	1~4	25.99	29.02	1.540	30.00	<b>90043-84057</b> <b>90043-84050</b> <b>90043-84044</b> <b>90043-84018</b> <b>90043-84105</b> <b>90043-84001</b>	
<b>DG</b> 1977~84 D4×2530CC · 88×104 DELTA -V23,25,30	<b>M276A</b>	63-276-1	3	1,3,5	67.96	72.02	1.997	30.00	<b>11702-87305</b>
		63-276-2	2	1,3	67.96	72.02	1.997	30.00	
		63-276-3	2	2,4	67.96	72.02	1.997	24.00	
		63-276-4	2	2,4	67.96	72.02	1.997	24.00	
		63-276-(5)	1	5	67.96	72.02	1.997	37.95	
	<b>R276A</b>	64-276-1	8	1~4	54.97	58.02	1.496	27.63	<b>13202-87305</b> <b>13202-87303</b> <b>13202-87104</b> <b>13202-87101</b>
	<b>C276A</b> (AFTER '82)	62-276-1	1	1	45.95	50.03	2.000	23.00	<b>11802-87380</b>
		62-276-2	1	2	45.65	50.03	2.000	25.00	
		62-276-3	1	3	45.35	50.03	2.000	23.00	
	<b>P275H1</b>	67-275-1	4	1~4	25.99	29.02	1.540	30.00	<b>90043-84057</b> <b>90043-84050</b> <b>90043-84044</b> <b>90043-84018</b> <b>90043-84105</b> <b>90043-84001</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>DL, DL-T</b> 1983~87 D4×2765CC · 92×104 DELTA -V54,57 TAFTO -F60 RUGGER -F70,71,76 ROCKY -F75	<b>M276A</b>	63-276-1	3	1,3,5	67.96	72.02	1.997	30.00	<b>11702-87305</b>		
		63-276-2	2	1,3	67.96	72.02	1.997	30.00			
		63-276-3	2	2,4	67.96	72.02	1.997	24.00			
		63-276-4	2	2,4	67.96	72.02	1.997	24.00			
		63-276-(5)	1	5	67.96	72.02	1.997	37.95			
	<b>R276A</b>	64-276-1	8	1~4	54.97	58.02	1.496	27.63	<b>13202-87305</b> <b>13202-87303</b>		
		<b>C276A</b>	62-276-1	1	1	45.95	50.03	2.000	23.00	<b>11802-87380</b>	
	62-276-2		1	2	45.65	50.03	2.000	25.00			
	62-276-3		1	3	45.35	50.03	2.000	23.00			
	<b>P275H1</b>	67-275-1	4	1~4	25.99	29.02	1.540	30.00	<b>90043-84057</b> <b>90043-84018</b> <b>90043-84050</b>		
	<b>DL, DL-T</b> 1987~ D4×2765CC · 92×104 RUGGER -F71,76	<b>M282A</b>	63-282-1	4	1~4	67.96	72.02	1.997	24.00	<b>11702-87306</b>	
			63-282-2	1	5	67.96	72.02	1.997	24.00		
			63-276-3	4	1~4	67.96	72.02	1.997	24.00		
63-282-(4)			1	5	67.96	72.02	1.997	37.95			
<b>R276A</b>		64-276-1	8	1~4	54.97	58.02	1.496	27.63	<b>13202-87305</b>		
<b>C</b>									<b>11802-87301</b>		
<b>P276H</b>		67-276-1	4	1~4	27.99	31.03	1.497	30.00	<b>90043-84086</b>		
<b>P276HS</b>		67-276-1S	4	1~4	—	—	—	—	<b>90043-84086/NB</b>		
<b>EB10, 20, 40</b> 1985~ G3×547CC · 62×60.5 CUORE -L70 ATRAI -S80,81 MIRA -L70,71 HIJET -S80	<b>M279A</b>	63-279-1	4	1~4	41.98	46.02	1.994	16.00	<b>11702-87207</b> <b>11702-87206</b> <b>11701-87207</b> <b>11701-87206</b> <b>11701-87205</b> <b>11701-87204</b> <b>11701-87202</b> <b>11701-87201</b> <b>11702-87202</b> <b>11702-87201</b>		
		63-279-2	4	1~4	41.98	46.02	1.994	16.00			
	<b>R279A</b>	64-279-1	6	1~6	36.98	40.02	1.494	15.00		<b>13202-87205</b> <b>13202-87204</b> <b>13202-87202</b> <b>13202-87201</b>	
		<b>T279A</b>	65-279-1	2	3	—	—	1.990			—
	<b>ED, EJ</b> 1985~ G3×846CC · 66.6×81 HIJET	<b>M284A</b>	63-284-1	4	1~4	45.98	50.02	1.994		16.00	<b>11702-87203</b>
			63-284-2	4	1~4	45.98	50.02	1.994		16.00	
		<b>R284A</b>	64-284-1	6	1~3	40.01	43.02	1.490		16.00	<b>13202-87203</b>
<b>T284A</b>		65-284-1	2	3	—	—	1.990	—	<b>11011-87202</b>		

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MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>EF</b> 1990~ G3×659CC · 68×60.5 MIRA -L200,210	<b>M279A</b>	63-279-1	4	1~4	41.98	46.02	1.994	16.00	<b>11702-87207</b> <b>11702-87206</b> <b>11701-87207</b> <b>11701-87206</b> <b>11701-87205</b> <b>11701-87204</b> <b>11701-87202</b> <b>11701-87201</b> <b>11702-87202</b> <b>11702-87201</b>	
		63-279-2	4	1~4	41.98	46.02	1.994	16.00		
	<b>R279A</b>	64-279-1	6	1~6	36.98	40.02	1.494	15.00		<b>13202-87205</b> <b>13202-87204</b> <b>13202-87202</b> <b>13202-87201</b>
<b>T279A</b>	65-279-1	2	3	—	—	1.990	—	<b>11011-87201</b>		
<b>FE</b> 1964~77 G4×958CC · 68×66 CONSORTE -EP30,40,45 TAFTO -F10 COMPAGNO -F40,F402	<b>M251H</b>	63-251-1	4	1,2	49.99	54.02	1.985	22.13		<b>11702-87104</b>  <b>13202-87104</b> <b>13202-87101</b>
		63-251-(3)	2	3	49.99	54.02	1.985	31.95		
	<b>R251H</b>	64-251-1	8	1~4	41.99	45.02	1.490	21.13		
<b>HC</b> 1988~ G4×1295CC · 76×71.4 CHARADE-G102,112  <b>HD</b> 1988~ G4×1589CC · 76×87.6 APPLAUSE-A101 ROCKY -F300	<b>M283A</b>	63-283-1	10	1~5	49.98	54.02	1.999	18.01		<b>11701-87102</b> <b>11701-87101</b>  <b>13041-87103</b> <b>13041-87102</b> <b>13041-87101</b>  <b>11011-87101</b>
	<b>R283A</b>	64-283-1	8	1~4	44.98	48.02	1.494	18.00		
	<b>T283A1</b>	65-283-1	2	3	—	—	2.490	—		
<b>K3</b> 2000~ G4×1297CC · 72.0×79.7 YRV-M201G,M211G TERIOS -J102G, STORIA -M101S	<b>M725A</b>	63-725-1	5	1~5	46.00	50.02	1.992	14.90	<b>11701-97401</b>   <b>11701-B1021</b> <b>11701-B1020</b>  <b>13041-97401</b>  <b>11791-B1020</b> <b>11791-97401</b>	
		63-725-2	5	1~5	46.00	50.02	1.992	14.90		
	(With one oil hole & locking lip)									
	<b>M726A</b>	63-726-1	5	1~5	46.00	50.02	1.992	14.90		
		63-726-2	5	1~5	46.00	50.02	1.992	14.90		
	(With two oil holes and no locking lip)									
<b>R726A</b>	64-726-1	8	1~4	40.00	43.01	1.492	13.20			
<b>T284A</b>	65-284-1	2	3	—	—	1.990	—			

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>B1 (121, 323)</b> 1985~ G4×1138CC · 68×78.4 FESTIVA -DA1PF  <b>B3 (323)</b> 1985~ G4×1323CC · 71×83.6 FAMILIA -BFTP  <b>B5 (323)</b> 1985~ G4×1498CC · 78×78.4 FAMILIA -BFSR	<b>M313A</b> (UP TO '89)	63-313-1	10	1~5	49.94	54.02	2.010	19.13	<b>B6Y0-11-SG0</b>
		<b>M317A</b> (AFTER '89)	63-317-1	5	1~5	49.94	54.02	2.010	17.50
	63-317-2		5	1~5	49.94	54.02	2.010	17.50	<b>B6Y1-11-SG0</b>
	<b>R313A</b>	64-313-1	8	1~4	39.94	43.02	1.510	17.13	<b>B3Y0-11-SE0</b>
<b>T317A</b>		65-317-1	2	4	—	—	2.550	—	<b>B6Y1-11-SJ0</b> <b>B6Y0-11-SJ0</b>
<b>B6, B6-T</b> 1985~ G4×1597CC · 78×83.6 FAMILIA -BFMP,BFMR GD6P  ETUDE -BFMP,BFSP LASER -BFMSF,BFMRF  <b>BJ</b> 1986~ G4×1290CC · 78×67.5 FESTIVA -DAJPF  <b>BP</b> 1989~ G4×1839CC · 83×85 FAMILIA -BG8Z,BG8R LASER -BG8RF	<b>M313A</b> (UP TO '86)	63-313-1	10	1~5	49.94	54.02	2.010	19.13	<b>B6Y0-11-SG0</b>
		<b>M317A</b> (AFTER '86)	63-317-1	5	1~5	49.94	54.02	2.010	17.50
	63-317-2		5	1~5	49.94	54.02	2.010	17.50	<b>B6Y1-11-SG0</b>
	<b>R317A</b>	64-317-1	8	1~4	44.94	48.02	1.510	17.00	<b>B6Y1-11-SE0</b> <b>B6Y0-11-SE0</b>
	<b>T317A</b>	65-317-1	2	4	—	—	2.550	—	<b>B6Y1-11-SJ0</b> <b>B6Y0-11-SJ0</b>
<b>D5</b> 1985~ G4×1490CC · 77×80  <b>E1 (323)</b> 1980~86 G4×1071CC · 70×69.6  <b>E3 (323)</b> 1980~87 G4×1296CC · 77×69.6 FAMILIA -BD1031,BF3P  <b>E5 (323)</b> 1980~ G4×1490CC · 77×80 FAMILIA -BD1051,BF5P	<b>M313A</b>	63-313-1	10	1~5	49.94	54.02	2.010	19.13	<b>E580-23-151</b> <b>E301-23-151</b> <b>B6Y0-11-SG0</b> <b>8034-23-151</b> <b>E5B6-23-151</b>
	<b>T313A</b>	65-313-1	2	3	—	—	2.000	—	<b>8034-11-380</b>
		65-313-2	2	3	—	—	2.000	—	

# MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>F6 (626)</b> 1982~87 G4×1587CC · 81×77 CAPELLA -GC6P  <b>F8 (626)</b> 1982~87 G4×1789CC · 86×77 CAPELLA -GC8P,GC8J BONGO -SR89V  <b>FE</b> 1983~87 G4×1998CC · 86×86 CAPELLA -GCEP BONGO -SREAV,SDEAT COSMO -HBES LUCE -HBEP	<b>M315A</b>	63-315-1	9	1~5	59.94	64.02	2.007	19.13	<b>F801-23-251</b> <b>FE30-23-151</b>	
		63-315-(2)	1	3	59.94	64.02	2.007	27.99		
	<b>R336A</b>	64-336-1	8	1~4	50.94	54.02	1.509	21.13	<b>F801-23-105</b>	
<b>F6 (626)</b> 1987~ G4×1587CC · 81×77 CAPELLA -GD8A  <b>F8 (626)</b> 1987~ G4×1789CC · 86×77 BONGO -SS88M,SD89T  <b>FE</b> 1987~ G4×1998CC · 86×86 BONGO -SREAV,SDEAT  <b>F2</b> 1988~ G4×2184CC · 86×94	<b>M322A</b>	63-322-1	4	1,2,4,5	59.94	64.02	2.010	18.50	<b>FE1H-11-SG0</b>	
		63-322-2	5	1~5	59.94	64.02	2.010	18.50		
		63-315-(2)	1	3	59.94	64.02	2.007	27.99		
	<b>R336A</b>	64-336-1	8	1~4	50.94	54.02	1.509	21.13	<b>F801-23-105</b>	
	<b>FE (DOHC)</b> 1987~ G4×1998CC · 86×86 626 MX-6  <b>F8 (DOHC)</b> 1990~ G4×1789CC · 86×77 PROTEGE	<b>M322A</b>	63-322-1	4	1,2,4,5	59.94	64.02	2.010	18.50	<b>FE1H-11-SG0</b>
			63-322-2	5	1~5	59.94	64.02	2.010	18.50	
63-315-(2)			1	3	59.94	64.02	2.007	27.99		
<b>R322A</b>		64-322-1	8	1~4	50.94	54.02	1.510	21.13	<b>FEYA-11-SE0</b>	
<b>FS</b>  G4×1991CC · 83×92 TELSTAR -GESRF CAPELLA -CG2SP  <b>FP</b>  G4×1839CC · 83×85 PROTEGE		<b>M325A</b>	63-325-1	5	1~5	55.94	60.02	2.010	17.60	<b>FSY1-11-SG0</b>
	63-325-2		5	1~5	55.94	60.02	2.010	17.60		
	<b>R325A</b>	64-325-1	8	1~4	47.94	51.02	1.510	17.10	<b>FSY1-11-SE0</b> <b>FSY2-11-SE0</b>	
<b>T325A</b>	65-325-1	2	3	—	—	2.550	—	<b>FSY1-11-SJ0</b>		

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>G6</b>  G4×2605CC PROCEED	<b>M329A</b>	63-329-1	4	1,2,4,5	59.97	64.02	2.010	20.10	<b>G601-11-SG0</b>
		63-329-2	5	1~5	59.97	64.02	2.010	20.10	
		63-329-(3)	1	3	59.97	64.02	2.010	25.97	
	<b>R322A</b>	64-322-1	8	1~4	50.94	54.02	1.510	21.13	<b>FEYA-11-SE0</b>
<b>HA (E3000, T3000)</b> 1977~ D4×2977CC · 95×105 TITAN -TA3H,WEW BUS WEF,WEY -TA3H4F	<b>M312A</b>	63-312-1	10	1~5	75.81	80.90	2.103	28.60	<b>SE01-23-110</b> <b>SL01-23-110</b> <b>1363-23-110</b>
	<b>R312A</b>	64-312-1	8	1~4	61.11	64.85	1.836	28.00	<b>SE45-11-SE0</b> <b>1363-23-105</b>
	<b>T312A</b>	65-312-1	2	3	—	—	2.325	—	<b>SL01-23-115</b> <b>1363-23-115</b>
		65-312-2	2	3	—	—	2.325	—	
	<b>P319H</b> (UP TO '80)	67-319-1	4	1~4	31.73	34.96	1.610	26.80	<b>0636-11-213</b>
	<b>P319HS</b>	67-319-1S	4	1~4	—	—	—	—	<b>0636-11-213/NB</b>
	<b>P312H</b> (AFTER '80)	67-312-1	4	1~4	29.98	33.11	1.495	34.30	<b>SE01-11-213</b>
<b>P312HS</b>	67-312-1S	4	1~4	—	—	—	—	<b>SE01-11-213/NB</b>	
<b>JE</b> 1987/7~ GV6×2954CC · 90×77.4 LUCE SENTIA MPV	<b>M328A</b>	63-328-1	4	1~4	61.94	66.02	2.012	18.13	<b>JEY1-11-SG0</b> <b>JEY0-11-SG0</b> <b>JEY1-11-SG0</b>
		63-328-2	4	1~4	61.94	66.02	2.012	18.13	
	<b>R328A</b> (FOR JE)	64-328-1	12	1~6	52.94	56.02	1.511	17.03	
<b>JF</b> 1986/7~91/9 GV6×1997CC · 74×77.4 MPV	<b>R329A</b> (FOR JF)	64-325-1	12	1~6	47.94	51.02	1.510	17.10	<b>JFY1-11-SE0</b>
<b>KJ</b>  GV6×2254CC · 80.3×74.2	<b>M323H</b>	63-323-1	1	1	61.94	67.02	2.506	22.03	<b>KJY1-11-SG0</b> <b>KJY1-11-SG0A</b> <b>KLY1-11-SG0A</b> <b>KLY1-11-SGB</b> <b>KJY1-11-SH0</b> <b>KLY1-11-SG0</b>
		63-323-2	1	1	61.94	67.02	2.506	22.03	
		63-323-3	3	2~4	61.94	67.02	2.506	18.13	
		63-323-4	3	2~4	61.94	67.02	2.506	18.13	
<b>KL-ZE</b> 1992~ GV6×2496CC · 84.5×74.2 CRONOS -GE5P MX-6 -GE5B MS-8 -MB5A TELSTAR -GE5PF	<b>R323H</b>	64-323-1	12	1~6	52.94	56.02	1.511	17.03	<b>KL02-11-225</b> <b>KLY1-11-SE0</b> <b>KJY1-11-SE0</b>
<b>MA</b> <b>(121, 626, 929, T2000, B2000)</b> 1977~89 G4×1970CC · 80×98 LUCE -LA4MV COSMO -HBPHE,HBSHE CAPELLA -CB2MS	<b>M304A</b>	63-304-1	6	1,2,4	62.94	67.02	2.010	18.13	<b>0305-23-151</b>
		63-304-2	2	3,5	62.94	67.02	2.010	24.13	
		63-304-3	2	3,5	62.94	67.02	2.010	24.13	
	<b>R305A</b>	64-305-1	8	1~4	52.94	56.02	1.510	22.13	<b>3975-23-105</b> <b>0290-23-105</b>
	<b>T304A</b>	65-304-1	2	3	—	—	2.050	—	<b>0305-23-201</b>
		65-304-2	2	3	—	—	2.050	—	
	<b>C304L</b>	62-304-1	2	1	44.95	49.03	2.015	24.13	<b>0305-23-250</b> <b>0221-23-150</b>
		62-304-2	2	2	44.95	49.03	2.015	18.13	
		62-304-3	2	3	44.95	49.03	2.015	18.13	
	<b>P304H</b>	67-304-1	4	1~4	21.98	25.02	1.530	28.00	<b>0107-11-212</b>
<b>P304HS</b>	67-304-1S	4	1~4	—	—	—	—	<b>0107-11-212/NB</b>	

# MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>NA</b> (616, 626, 808, B1600, E1600) 1970~83 G4×1586CC · 78×83 FAMILIA -SN3A,SN4A BONGO -BN2N9	<b>M304A</b>	63-304-1	6	1,2,4	62.94	67.02	2.010	18.13	<b>0305-23-151</b>
		63-304-2	2	3,5	62.94	67.02	2.010	24.13	
		63-304-3	2	3,5	62.94	67.02	2.010	24.13	
	<b>R304A1</b>	64-304-1	8	1~4	52.94	56.02	1.510	20.90	<b>0552-23-105</b> <b>0222-23-105</b> <b>0222-11-225</b> <b>GE01-23-105</b>
		65-304-1	2	3	—	—	2.050	—	
	65-304-2	2	3	—	—	2.050	—	<b>0305-23-201</b>	
	<b>C304L</b>	62-304-1	2	1	44.95	49.03	2.015	24.13	<b>0305-23-250</b> <b>0221-23-150</b>
		62-304-2	2	2	44.95	49.03	2.015	18.13	
		62-304-3	2	3	44.95	49.03	2.015	18.13	
	<b>P304H</b>	67-304-1	4	1~4	21.98	25.02	1.530	28.00	<b>0107-11-212</b>
<b>P304HS</b>	67-304-1S	4	1~4	—	—	—	—	<b>0107-11-212/NB</b>	
<b>PB</b> 1967~90 G4×987CC · 68×68 FAMILIA -BPA55,BPB55 BONGO -FPA,FPAV,FPAH	<b>M303A</b>	63-303-1	6	1,2,4	55.94	60.02	2.013	20.13	<b>0268-23-110</b> <b>0249-23-110</b>
		63-303-2	4	3,5	55.94	60.02	2.013	23.13	
	<b>R303A</b>	64-303-1	8	1~4	44.94	48.02	1.510	19.63	<b>0249-23-105</b>
	<b>T303A</b>	65-303-1	2	5	—	—	2.000	—	<b>0249-23-115</b>
		65-303-2	2	5	—	—	2.000	—	
<b>P303H</b>	67-303-1	4	1~4	19.98	23.02	1.530	24.02	<b>0249-11-213</b>	
<b>PC</b> 1970~78 G4×985CC · 70×64 FAMILIA -SPC,FA3PC SPV,H-SPCV	<b>M310A</b>	63-310-1	6	1,2,4	62.94	67.02	2.010	20.13	<b>0324-23-151</b>
		63-310-2	4	3,5	62.94	67.02	2.010	23.13	
	<b>R303A</b>	64-303-1	8	1~4	44.94	48.02	1.510	19.63	<b>0249-23-105</b>
	<b>T310A</b>	65-310-1	2	5	—	—	2.000	—	<b>0324-11-380</b>
		65-310-2	2	5	—	—	2.000	—	
<b>P303H</b>	67-303-1	4	1~4	19.98	23.02	1.530	24.02	<b>0249-11-213</b>	
<b>PN</b> 1985~ D4×1720CC · 78×90 FAMILIA -BF7P,BF7VF	<b>M324A</b>	63-324-1	5	1~5	55.94	60.02	2.010	17.63	<b>PN11-11-SG0</b>
		63-324-2	5	1~5	55.94	60.02	2.010	17.63	
	<b>R324A</b>	64-324-1	8	1~4	48.94	52.02	1.510	18.13	<b>PN11-11-SE0</b>
	<b>T324A</b>	65-324-1	2	—	—	—	2.550	—	<b>PN11-11-SJ0</b>
<b>P324H</b>	67-324-1	4	1~4	24.99	28.02	1.535	22.80	<b>PN-11-11-213</b>	
<b>R2</b> 1983~ D4×2184CC · 86×94 BONGO -SR29V,SD29M SD29T SD2AT,SR24V SE28M	<b>M316A</b>	63-316-1	8	1,2,4,5	59.94	64.02	2.007	19.13	<b>RF01-23-135</b>
		63-316-2	2	3	59.94	64.02	2.007	21.13	
	<b>R315A1</b> (without hole)	64-315-1	8	1~4	50.94	54.02	1.509	21.13	<b>RF01-23-105</b>
	<b>R336A</b> (with hole)	64-336-1	8	1~4	50.94	54.02	1.509	21.13	<b>F801-23-105</b>
	<b>T316A</b>	65-316-1	2	3	—	—	2.050	—	<b>RF01-23-115</b>
		65-316-2	2	3	—	—	2.050	—	
<b>P316H</b> (UN FINISHED)	67-316-1S	4	1~4	24.99	28.03	1.523	26.50	<b>RF01-11-213</b>	
<b>P336H</b> (FINISHED)	67-316-1	4	1~4	24.99	28.03	1.520	26.50		



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>RF</b> 1983~ D4×1998CC · 86×86 CAPELLA -GCFJ,GDFJ BONGO -SSF8V,SEF8T	<b>M316A</b>	63-316-1	8	1,2,4,5	59.94	64.02	2.007	19.13	<b>RF01-23-135</b>
		63-316-2	2	3	59.94	64.02	2.007	21.13	
	<b>R315A1</b> (without hole)	64-315-1	8	1~4	50.94	54.02	1.509	21.13	<b>RF01-23-105</b>
	<b>R336A</b> (with hole)	64-336-1	8	1~4	50.94	54.02	1.509	21.13	<b>F801-23-105</b>
	<b>T316A</b>	65-316-1	2	3	—	—	2.050	—	<b>RF01-23-115</b>
		65-316-2	2	3	—	—	2.050	—	
<b>P316H</b> (UN FINISHED)	67-316-1S	4	1~4	24.99	28.03	1.523	26.50	<b>RF01-11-213</b>	
<b>P336H</b> (FINISHED)	67-316-1	4	1~4	24.99	28.03	1.520	26.50		
<b>S2 (E2200, B2200)</b> 1979~90 D4×2209CC · 88.9×89 LUCE -LA4SS,BPS2 BONGO -BA2S COSMO -HBPS2	<b>M314H</b>	63-314-1	9	1~5	64.98	69.02	1.980	28.63	<b>1456-23-110</b>
		63-314-2	1	3	64.98	69.02	1.980	28.63	
	<b>R314H</b>	64-314-1	8	1~4	52.98	56.71	1.830	28.63	<b>1456-23-105</b>
	<b>T314A</b>	65-314-1	2	3	—	—	2.325	—	<b>1456-23-115</b>
		65-314-2	2	3	—	—	2.325	—	
<b>P314H</b> (UN FINISHED)	67-314-1S	4	1~4	27.99	31.04	1.530	26.80	<b>S213-11-213</b> <b>0911-11-213</b>	
<b>SL, SL-T (E3500, T3500)</b> 1983~89 D4×3455CC · 100×110 TITAN -WEL BUS -WVL	<b>M312A</b>	63-312-1	10	1~5	75.85	80.09	2.103	28.60	<b>SL01-23-110</b>
	<b>R312A</b>	64-312-1	8	1~4	61.11	64.85	1.836	28.00	<b>SL01-23-105</b>
	<b>T312A</b>	65-312-1	2	3	—	—	2.325	—	<b>SL01-23-115</b>
		65-312-2	2	3	—	—	2.325	—	
	<b>P318H</b>	67-318-1	4	1~4	33.99	37.11	1.502	34.30	<b>SL01-11-213</b>
	<b>P318HS</b>	67-318-1S	4	1~4	—	—	—	—	<b>SL01-11-213/NB</b>
<b>TA</b> 1969~73 G4×1169CC · 70×76 FAMILIA -BTR65  <b>TB</b> 1968~90 G4×1169CC · 70×76 FAMILIA -TAV,STA,BTA55	<b>M303A</b>	63-303-1	6	1,2,4	55.94	60.02	2.013	20.13	<b>0268-23-110</b> <b>0249-23-110</b>
		63-303-2	4	3,5	55.94	60.02	2.013	23.13	
	<b>R303A</b>	64-303-1	8	1~4	44.94	48.02	1.510	19.63	<b>0249-23-105</b>
	<b>T303A</b>	65-303-1	2	5	—	—	2.000	—	<b>0249-23-115</b>
		65-303-2	2	5	—	—	2.000	—	
<b>P303H</b>	67-303-1	4	1~4	19.98	23.02	1.530	24.20	<b>0249-11-213</b>	
<b>TC</b> 1970~78 G4×1272CC · 73×76 FAMILIA -STB,STC,SBAV FABTS,FA2T65 TRUCK -BA2T8	<b>M310A</b>	63-310-1	6	1,2,4	62.94	67.02	2.010	20.13	<b>0324-23-151</b>
		63-310-2	4	3,5	62.94	67.02	2.010	23.13	
	<b>R303A</b>	64-303-1	8	1~4	44.94	48.02	1.510	19.63	<b>0249-23-105</b>
	<b>T310A</b>	65-310-1	2	5	—	—	2.000	—	<b>0324-11-380</b>
		65-310-2	2	5	—	—	2.000	—	
	<b>P303H</b>	67-303-1	4	1~4	19.98	23.02	1.530	24.20	<b>0249-11-213</b>

# MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>TC</b> 1978~85 G4×1272CC · 73×76 FAMILIA -FAZT65,FA4T BONGO -EZCT4,25,54 EZC74,75	<b>M313A</b>	63-313-1	10	1~5	49.94	54.02	2.010	19.13	<b>B6Y0-11-SG0</b> <b>E5B6-23-151</b> <b>E580-23-151</b> <b>E301-23-151</b> <b>8034-23-151</b>
	<b>R313A</b>	64-313-1	8	1~4	39.94	43.02	1.510	17.13	<b>B3Y0-11-SE0</b> <b>E5B6-23-105</b> <b>E580-23-105</b> <b>8034-23-105</b> <b>8936-23-105</b>
	<b>T313A</b>	65-313-1 65-313-2	2 2	3 3	— —	— —	2.000 2.000	— —	<b>8034-11-380</b>
<b>TF</b> 1989~ D4×4021CC · 105.5×115  <b>TM</b> 1991~ D4×4553CC · 109×122	<b>M326A</b>	63-326-1 63-326-2	5 5	1~5 1~5	78.88 78.88	84.12 84.12	2.525 2.525	29.40 29.40	<b>TF01-11-SG0</b>
	<b>R326A</b>	64-326-1	8	1~4	63.88	68.12	2.030	29.90	<b>TF01-11-SE0</b> <b>TFY1-11-SE0</b>
<b>UA (D1500)</b> 1971~77 G4×1484CC · 75×84 CRAFT -DUC9,DUE91 -DUE95	<b>M311A</b>	63-311-1 63-311-(2) 63-311-4	2 2 2	1 2 3	62.94 62.94 62.94	67.02 67.02 67.02	2.015 2.015 2.015	24.60 36.02 30.10	<b>0552-23-140</b>
	<b>R</b>								<b>0571-23-105</b>
	<b>P304H</b>	67-304-1	4	1~4	21.98	25.02	1.530	28.00	<b>0107-11-212</b>
<b>UB</b> 1971~74 G4×1490CC · 78×78 FAMILIA -SU4A CAPELLA -SU2A	<b>M304A</b>	63-304-1 63-304-2 63-304-3	6 2 2	1,2,4 3,5 3,5	62.94 62.94 62.94	67.02 67.02 67.02	2.010 2.010 2.010	18.13 24.13 24.13	<b>0305-23-151</b>
	<b>R304A1</b>	64-304-1	8	1~4	52.94	56.02	1.510	20.90	<b>GE01-23-105</b> <b>0552-23-105</b> <b>0222-23-105</b>
	<b>T304A</b>	65-304-1 65-304-2	2 2	3 3	— —	— —	2.050 2.050	— —	<b>0305-23-201</b>
	<b>C304L</b>	62-304-1 62-304-2 62-304-3	2 2 2	1 2 3	44.95 44.95 44.95	49.03 49.03 49.03	2.015 2.015 2.015	24.13 18.13 18.13	<b>0305-23-250</b> <b>0221-23-150</b>
	<b>P304H</b>	67-304-1	4	1~4	21.98	25.02	1.530	28.00	<b>0107-11-212</b>
	<b>P304HS</b>	67-304-1S	4	1~4	—	—	—	—	<b>0107-11-212/NB</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>UC (323, E1400)</b> 1976~ G4×1415CC · 77×76 FAMILIA -FA4U,FA4UV BONGO -BA2U8,SE48T	<b>M313A</b>	63-313-1	10	1~5	49.94	54.02	2.010	19.13	<b>B6Y0-11-SG0</b> <b>E5B6-23-151</b> <b>E580-23-151</b> <b>E301-23-151</b> <b>8034-23-151</b>
	<b>R313A</b>	64-313-1	8	1~4	39.94	43.02	1.510	17.13	<b>B3Y0-11-SE0</b> <b>E5B6-23-105</b> <b>E580-23-105</b> <b>8034-23-105</b> <b>8936-23-105</b>
	<b>T313A</b>	65-313-1 65-313-2	2 2	3 3	— —	— —	2.000 2.000	— —	<b>8034-11-380</b>
<b>VA (E2000)</b> 1971~88 G4×1985CC · 82×94 TITAN -EVB12,43 BUS -EVK15	<b>M311A</b>	63-311-1 63-311-(2) 63-311-4	2 2 2	1 2 3	62.94 62.94 62.94	67.02 67.02 67.02	2.015 2.015 2.015	24.60 36.02 30.10	<b>0552-23-140</b>
	<b>R304A1</b>	64-304-1	8	1~4	52.94	56.02	1.510	20.90	<b>GE01-23-105</b> <b>0552-23-105</b> <b>0222-23-105</b>
	<b>P304H</b>	67-304-1	4	1~4	21.98	25.02	1.530	28.00	<b>0107-11-212</b>
	<b>P304HS</b>	67-304-1S	4	1~4	—	—	—	—	<b>0107-11-212/NB</b>
<b>VB (618, B1800)</b> 1969~76 G4×1796CC · 78×94 LUCE -SVA PICK UP -PE2V	<b>M304A</b>	63-304-1 63-304-2 63-304-3	6 2 2	1,2,4 3,5 3,5	62.94 62.94 62.94	67.02 67.02 67.02	2.010 2.010 2.010	18.13 24.13 24.13	<b>0305-23-151</b>
	<b>R305A</b>	64-305-1	8	1~4	52.94	56.02	1.510	22.13	<b>3975-23-105</b> <b>0290-23-105</b>
	<b>T304A</b>	65-304-1 65-304-2	2 2	3 3	— —	— —	2.050 2.050	— —	<b>0305-23-201</b>
	<b>C304L</b>	62-304-1 62-304-2 62-304-3	2 2 2	1 2 3	44.95 44.95 44.95	49.03 49.03 49.03	2.015 2.015 2.015	24.13 18.13 18.13	<b>0305-23-250</b> <b>0221-23-150</b>
	<b>P304H</b>	67-304-1	4	1~4	21.98	25.02	1.530	28.00	<b>0107-11-212</b>
	<b>P304HS</b>	67-304-1S	4	1~4	—	—	—	—	<b>0107-11-212/NB</b>
<b>VC (626, 929, B1800)</b> 1973~86 G4×1768CC · 80×88 LUCE -LA2V,LA4VS CAPELLA -SV2A,CB2VS BONGO -PV2E7 COSMO -HBPH8,CD2VC	<b>M304A</b>	63-304-1 63-304-2 63-304-3	6 2 2	1,2,4 3,5 3,5	62.94 62.94 62.94	67.02 67.02 67.02	2.010 2.010 2.010	18.13 24.13 24.13	<b>0305-23-151</b>
	<b>R304A1</b>	64-304-1	8	1~4	52.94	56.02	1.510	20.90	<b>GE01-23-105</b> <b>0552-23-105</b> <b>0222-23-105</b>
	<b>T304A</b>	65-304-1 65-304-2	2 2	3 3	— —	— —	2.050 2.050	— —	<b>0305-23-201</b>
	<b>C304L</b>	62-304-1 62-304-2 62-304-3	2 2 2	1 2 3	44.95 44.95 44.95	49.03 49.03 49.03	2.015 2.015 2.015	24.13 18.13 18.13	<b>0305-23-250</b> <b>0221-23-150</b>
	<b>P304H</b>	67-304-1	4	1~4	21.98	25.02	1.530	28.00	<b>0107-11-212</b>
	<b>P304HS</b>	67-304-1S	4	1~4	—	—	—	—	<b>0107-11-212/NB</b>

# MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>W9</b> 2006~ D4×2953CC · 96×102 BT50	<b>M327A</b>	63-327-1	5	1~5	66.94	71.02	2.013	22.60	<b>WLY1-11-SG0</b> <b>WLY6-11-SG0</b>	
		63-327-2	5	1~5	66.94	71.02	2.013	22.60		
	<b>R332A</b>	64-332-1	8	1~4	56.92	60.02	1.510	23.60	<b>W9Y2-11-SE0</b>	
	<b>T327A</b>	65-327-1	2	3	—	—	2.505	—	<b>WLY1-11-SJ0</b> <b>WLY6-11-SJ0</b>	
65-327-2		2	3	—	—	2.505	—			
<b>WL (B2500)</b>  D4×2499CC · 93×92 BONGO	<b>M327A</b>	63-327-1	5	1~5	66.94	71.02	2.013	22.60	<b>WLY1-11-SG0</b>	
		63-327-2	5	1~5	66.94	71.02	2.013	22.60		
	<b>R327A</b>	64-327-1	8	1~4	54.94	58.02	1.513	23.60	<b>WLY1-11-SE0</b>	
<b>XA (E2500, T2500)</b> 1967~89 D4×2522CC · 88.9×101.6 TRUCK -EXA,EXB12S TITAN -EXB,EXC -EXR15,WEW051 BUS -AEXC	<b>M307H</b>	63-307-1	10	1~5	69.81	74.09	2.090	28.70	<b>S501-23-110</b> <b>0527-23-110</b> <b>0636-23-110</b> <b>0636-23-361</b>	
	<b>RP307H</b> (Without hole) (2 PAIRS/PACKAGE, 2 PACKAGES/ENGINE)	64-307-1	4	—	57.11	60.84	1.838	28.70		<b>0527-23-105</b> <b>0636-23-105</b> <b>0636-11-105</b>
		<b>RP308H</b> (With hole) (1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)	64-308-1	2	—	57.11	60.84	1.838		
	<b>T307A</b>	65-307-1	2	3	—	—	2.325	—	<b>0636-23-115</b>	
		65-307-2	2	3	—	—	2.325	—		
	<b>P319H</b> (UP TO '80)	67-319-1	4	1~4	31.74	34.96	1.610	26.80	<b>0636-11-213</b>	
	<b>P319HS</b>	67-319-1S	4	1~4	—	—	—	—	<b>0636-11-213/NB</b>	
<b>XB (E2700)</b> 1971~78 D4×2701CC · 92×101.6 TITAN -EXC,EXM	<b>M307H</b>	63-307-1	10	1~5	69.81	74.09	2.090	28.70	<b>S501-23-110</b> <b>0527-23-110</b> <b>0636-23-110</b> <b>0636-23-361</b>	
	<b>RP307H</b> (Without hole) (2 PAIRS/PACKAGE, 2 PACKAGES/ENGINE)	64-307-1	4	—	57.11	60.84	1.838	28.70		<b>0527-23-105</b> <b>0636-23-105</b> <b>0636-11-105</b>
		<b>RP308H</b> (With hole) (1 PAIR/PACKAGE, 4 PACKAGES/ENGINE)	64-308-1	2	—	57.11	60.84	1.838		
	<b>T307A</b>	65-307-1	2	3	—	—	2.325	—	<b>0636-23-115</b>	
		65-307-2	2	3	—	—	2.325	—		
	<b>P319H</b>	67-319-1	4	1~4	31.74	34.96	1.610	26.80	<b>0636-11-213</b>	
	<b>P319HS</b>	67-319-1S	4	1~4	—	—	—	—	<b>0636-11-213/NB</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>YA</b> 1969~74 D6×3783CC · 88.9×101.6 TITAN -EYA BOXER -EYA	<b>M308H</b>	63-307-1	14	1~7	69.81	74.09	2.090	28.70	<b>0727-23-110</b> <b>0784-23-110</b> <b>V101-23-110</b> <b>4867-23-110</b>
	<b>RP307H</b> (Without hole) (2 PAIRS/PACKAGE,3 PACKAGES/ENGINE)	64-307-1	4	—	57.11	60.84	1.838	28.70	<b>0527-23-105</b> <b>0636-23-105</b> <b>0636-11-105</b>
	<b>RP308H</b> (With hole) (1 PAIR/PACKAGE,6 PACKAGES/ENGINE)	64-308-1	2	—	57.11	60.84	1.838	28.70	
	<b>T307A</b>	65-307-1 65-307-2	2 2	3 3	— —	— —	2.325 2.325	— —	<b>0636-23-115</b>
	<b>P320H</b>	67-319-1	6	1~6	31.74	34.96	1.610	26.80	<b>0636-11-213</b>
	<b>P320HS</b>	67-319-1S	6	1~6	—	—	—	—	<b>0636-11-213/NB</b>
<b>ZB (E4100,T4100)</b> 1972~80 D6×4052CC · 92×101.6 BOXER -EZB	<b>M308H</b>	63-307-1	14	1~7	69.81	74.09	2.090	28.70	<b>0727-23-110</b> <b>0784-23-110</b> <b>V101-23-110</b> <b>4867-23-110</b>
	<b>RP307H</b> (Without hole) (2 PAIRS/PACKAGE,3 PACKAGES/ENGINE)	64-307-1	4	—	57.11	60.84	1.838	28.70	<b>0527-23-105</b> <b>0636-23-105</b> <b>0636-11-105</b>
	<b>RP308H</b> (With hole) (1 PAIR/PACKAGE,6 PACKAGES/ENGINE)	64-308-1	2	—	57.11	60.84	1.838	28.70	
	<b>T307A</b>	65-307-1 65-307-2	2 2	3 3	— —	— —	2.325 2.325	— —	<b>0636-23-115</b>
	<b>P320H</b>	67-319-1	6	1~6	31.74	34.96	1.610	26.80	<b>0636-11-213</b>
	<b>P320HS</b>	67-319-1S	6	1~6	—	—	—	—	<b>0636-11-213/NB</b>
<b>ZB (E4100,T4100)</b> 1980~ D6×4052CC · 92×101.6 TITAN -WEZ011 WEX011	<b>M308H</b>	63-307-1	14	1~7	69.81	74.09	2.090	28.70	<b>V101-23-110</b> <b>4867-23-110</b>
	<b>R308H</b>	64-308-1	12	1~6	57.11	60.84	1.838	28.70	<b>V101-23-105</b>
	<b>T307A</b>	65-307-1 65-307-2	2 2	3 3	— —	— —	2.325 2.325	— —	<b>0636-23-115</b>
	<b>P320H</b>	67-319-1	6	1~6	31.74	34.96	1.610	26.80	<b>0636-11-213</b>
	<b>P320HS</b>	67-319-1S	6	1~6	—	—	—	—	<b>0636-11-213/NB</b>

# MAZDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>3D82E</b>  D3× CC · SHOVEL -PC20-7	<b>M418A</b>	63-418-1	4	1~4	46.95	51.03	2.000	18.10	<b>YM119810-02800</b> <b>YM119810-02801</b>
		63-418-2	4	1~4	46.95	51.03	2.000	18.10	
	<b>R418A</b>	64-418-1	6	1~6	42.95	46.02	1.500	18.10	<b>YM119810-23610</b> <b>YM119810-23611</b>
		<b>T418A</b>	65-418-1 65-418-2	2 2	— —	— —	1.980 1.980	— —	
<b>3D84E</b>  D3×1429CC · SHOVEL -PC30-7	<b>M415A</b>	63-415-1	4	1~4	49.95	54.03	2.000	20.00	<b>YM129150-02801</b> <b>YM129150-02800</b>
		63-415-2	4	1~4	49.95	54.03	2.000	20.00	
	<b>R415A</b>	64-415-1	6	1~3	47.95	51.01	1.500	20.00	<b>YM129150-23601</b> <b>YM129150-23600</b>
		<b>T415A</b>	65-415-1 65-415-2	2 2	— —	— —	1.980 1.980	— —	
<b>4D84E</b>  D4×1906CC · SHOVEL -PC40-7	<b>M416A</b>	63-415-1	5	1~5	49.95	54.03	2.000	20.00	<b>YM129150-02801</b> <b>YM129150-02800</b>
		63-415-2	5	1~5	49.95	54.03	2.000	20.00	
	<b>R416A</b>	64-415-1	8	1~4	47.95	51.01	1.500	20.00	<b>YM129150-23601</b> <b>YM129150-23600</b>
		<b>T415A</b>	65-415-1 65-415-2	2 2	— —	— —	1.980 1.980	— —	
<b>4D95L</b> 1984~ D4×3260CC · 95×115  <b>4D95S</b> 1987~ D4×2690CC · 95×95	<b>M408H</b>	63-408-1	5	1~5	70.00	74.02	1.970	25.00	<b>6204-21-8100</b> <b>6204-21-8010</b>
		63-408-2	5	1~5	70.00	74.02	1.970	25.00	
	<b>R408H</b>	64-408-1	4	1~4	57.00	61.02	1.980	25.00	<b>6204-31-3400</b> <b>6204-31-3410</b>
		64-408-2	4	1~4	57.00	61.02	1.980	25.00	
	<b>T408H</b>	65-408-1	3	—	—	—	3.120	—	<b>6204-21-8500</b>
		<b>C408H</b>	62-408-1	1	—	50.40	53.53	1.525	
	62-408-2		2	—	50.40	53.53	1.525	18.00	
	<b>P408H</b>	67-408-1	4	—	29.94	33.03	1.505	31.80	<b>6206-31-3130</b> <b>6207-31-3130</b> <b>6204-31-3130</b>
<b>6D95L</b> 1986~ D6×4890CC · 95×115	<b>M409H</b>	63-408-1	7	1~7	70.00	74.02	1.970	25.00	<b>6204-21-8100</b> <b>6204-21-8010</b>
		63-408-2	7	1~7	70.00	74.02	1.970	25.00	
	<b>R409H</b>	64-408-1	6	1~6	57.00	61.02	1.978	25.00	<b>6204-31-3400</b> <b>6204-31-3410</b>
		64-408-2	6	1~6	57.00	61.02	1.978	25.00	
	<b>R410H</b>	64-410-1	12	1~6	57.00	61.02	1.978	25.00	<b>6207-31-3600</b>
		<b>T408H</b>	65-408-1	3	—	—	—	3.120	
	<b>C409H</b>		62-408-1	1	—	50.40	53.53	1.525	23.00
		62-408-2	3	—	50.40	53.53	1.525	18.00	
<b>P409H</b>	67-408-1	6	—	29.94	33.03	1.505	31.80	<b>6206-31-3130</b> <b>6207-31-3130</b> <b>6204-31-3130</b>	



# KOMATSU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>4D92-1, 2, 3</b>  D4×2610CC · 92×98 BULLDOZER -D20A3/A5 D20P3/P5 D20DL3/DL5 D20S3/S5 D20Q3/Q5 D21A3/A5 D21S3/S5 D21Q3/Q5 SHOVEL -10HT1/2 10HQ1/2 10HW1/2 COMPRESSOR -EC35V1 EC35VS1 EC50ZS1 GENERATOR -EG30,EG30S1	<b>M403H</b>	63-403-1	5	1~5	69.98	75.02	2.471	25.00	<b>6140-21-8010</b> <b>6141-21-8000</b> <b>6140-21-8000</b> <b>6141-21-8010</b> <b>6140-21-8020</b>  <b>6140-31-3410</b> <b>6140-31-3040</b>  <b>6140-21-8050</b>  <b>6140-31-3131</b>		
		63-403-2	5	1~5	69.98	75.02	2.471	25.00			
	<b>R403H</b>	64-403-1	8	1~4	59.98	64.02	1.982	25.00			
		<b>T403H</b>	65-403-1	2	5	—	—	2.610		—	
	65-403-2		2	5	—	—	2.610	—			
	<b>P403H</b>	67-403-1	4	1~4	32.00	36.03	1.995	28.00			
	<b>4D94-2</b> 1978~ D4×2940CC · 94×106 GENERATOR -EG30 SHOVEL -505,507 10HT,10WT BULLDOZER -D20,21 COMPRESSOR -EC50	<b>M407H</b>	63-403-1	10	1~5	69.98	75.02	2.471		25.00	<b>6142-22-8010</b> <b>6144-21-8000</b>  <b>6140-31-3410</b> <b>6140-31-3040</b>  <b>6140-21-8050</b>  <b>6140-31-3131</b>
			<b>R403H</b>	64-403-1	8	1~4	59.98	64.02		1.982	
		<b>T403H</b>		65-403-1	2	5	—	—		2.610	
65-403-2			2	5	—	—	2.610	—			
<b>P403H</b>		67-403-1	4	1~4	32.00	36.03	1.995	28.00			
<b>4D94E</b> 1978~ D4×2775CC · 94×100	<b>M412A</b>	63-412-1	5	1~5	64.95	69.03	2.000	23.00	<b>YM129900-02801</b> <b>YM129900-02800</b>  <b>YM129900-23601</b> <b>YM129900-23600</b>  <b>YM129900-02931</b> <b>YM129900-02930</b>  <b>YM129900-23911</b> <b>YM129900-23910</b>		
		63-412-2	5	1~5	64.95	69.03	2.000	23.00			
	<b>R412A</b>	64-412-1	8	1~4	57.95	61.01	1.500	22.90			
		<b>T412A</b>	65-412-1	2	3	—	—	1.980		—	
	65-412-2		2	3	—	—	1.980	—			
	<b>P412H</b>	67-412-1	4	1~4	29.99	33.03	1.488	31.50			
	<b>4D105-5, S4D105-5</b> 1981~85 D4×4330CC · 105×125 BULLDOZER -D30,31 GENERATOR -EG50 SHOVEL -PC100,PW100	<b>M404A</b>	63-404-1	5	1~5	84.93	91.02	3.002		30.13	<b>6134-21-8010</b> <b>6134-21-8000</b> <b>6136-21-8010</b>  <b>6136-21-3040</b> <b>6136-31-3040</b>  <b>66138-31-3040</b>  <b>6136-21-8050</b> <b>6134-21-8050</b>  <b>6136-21-1410</b>  <b>6136-32-3130</b> <b>6136-31-3130</b>
63-404-2			5	1~5	84.93	91.02	3.002	30.13			
<b>R404A</b>		64-404-1	4	1~4	65.93	70.02	2.012	33.13			
		64-404-2	4	1~4	65.93	70.02	2.012	33.13			
<b>R413H</b>		64-413-1	8	1~4	65.93	70.02	2.005	33.00			
<b>T404A</b>		65-404-1	3	5	—	—	2.430	—			
<b>C404H</b>		62-404-1	3	1~3	54.48	57.53	1.500	25.00			
<b>P404H</b>		67-404-1	4	1~4	40.02	44.13	2.015	38.00			

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>6D105-1, S6D105-1</b> 1979~85 D6×6490CC · 105×125 GENERATOR -EG300,100 SHOVEL -PC200,JH63  <b>SA6D110-1</b> 1981~85 D6×7130CC · 110×125 COMPRESSOR -EC210 GENERATOR -EG150 SHOVEL -540	<b>M405A</b>	63-404-1	7	1~7	84.93	91.02	3.002	30.13	<b>6136-21-8000</b>	
		63-404-2	7	1~7	84.93	91.02	3.002	30.13	<b>6136-21-8010</b>	
	<b>R405A</b>	64-404-1	6	1~6	65.93	70.02	2.012	33.13	<b>6136-31-3410</b>	
		64-404-2	6	1~6	65.93	70.02	2.012	33.13	<b>6136-31-3040</b> <b>6136-21-3040</b>	
	<b>R414H</b> (95~) <b>T404A</b>	64-413-1	12	1~6	65.93	70.02	2.005	33.00	<b>6138-31-3040</b>	
		65-404-1	3	5	—	—	2.430	—	<b>6136-21-8050</b>	
		<b>C405H</b>	62-404-1	4	1~4	54.48	57.53	1.500	25.00	<b>6136-21-1410</b>
		<b>P405H</b>	67-404-1	6	1~6	40.02	44.13	2.015	38.00	<b>6136-31-3130</b> <b>6136-32-3130</b>
	<b>4D120 15TYPE</b>  D4×7240CC · 120×160 BULLDOZER -D50P15,D50A15 D50PL15 D50S15,D53A15 D53P15,D53S15 D55S3 SHOVEL -S22B,25B1 MOTOR GRADER -GD30-5M GD30-3M GD37-5H GENERATOR -EG75-1 EG75S1,EG100 EG700S1	<b>M401H</b>	63-401-1	2	1	94.93	102.02	3.500	50.01	<b>6112-23-8000</b>
			63-401-2	6	2,3,4	94.93	102.02	3.500	37.01	<b>6114-20-8010</b>
63-401-3			1	5	94.93	102.02	3.500	50.01	<b>6112-23-8070</b>	
63-401-4			1	5	94.93	102.02	3.500	50.01	<b>6110-20-8070</b> <b>6110-20-8010</b> <b>6110-20-8011</b>	
<b>R401H</b>		64-401-1	8	1~4	74.93	81.02	3.000	50.01	<b>6110-30-3500</b> <b>6114-31-3400</b> <b>6114-31-3410</b> <b>6112-33-3410</b>	
		<b>T401P</b>	65-401-1	2	F5	—	—	4.950	—	<b>6112-23-8050</b>
65-401-2			2	R5	—	—	4.950	—		
<b>P401H</b>		67-401-1	4	1~4	43.72	49.88	3.040	19.00	<b>6110-33-3120</b>	
<b>4D130-1</b>  D4×8495CC · 130×160 BULLDOZER -D50A16,D50P16 D50PL16 D50S16,D50F16 D57S1,D53A16 D53P16,D53S16 MOTOR GRADER -GD31RC3A GD650R,GD55A GD655R		<b>M401H</b>	63-401-1	2	1	94.93	102.02	3.500	50.01	<b>6112-23-8000</b>
	63-401-2		6	2,3,4	94.93	102.02	3.500	37.01	<b>6114-20-8010</b>	
	63-401-3		1	5	94.93	102.02	3.500	50.01	<b>6112-23-8070</b>	
	63-401-4		1	5	94.93	102.02	3.500	50.01	<b>6110-20-8070</b> <b>6110-20-8010</b> <b>6110-20-8011</b>	
	<b>R401H</b>	64-401-1	8	1~4	74.93	81.02	3.000	50.01	<b>6110-30-3500</b> <b>6114-31-3400</b> <b>6114-31-3410</b> <b>6112-33-3410</b>	
		<b>T401RP</b>	65-401-2	4	5	—	—	4.950	—	<b>6112-23-8540</b> <b>6110-21-8600</b> <b>6114-20-8050</b> <b>6112-21-8540</b>
	<b>6D125</b> 1984~ D6×11040CC · 125×150 BULLDOZER -D60,75 MOTOR GRADER -GD705 COMPRESSOR -EC260	<b>M411H</b>	63-411-1	7	1~7	109.93	116.02	2.990	34.00	<b>6150-21-8000</b>
			63-411-2	7	1~7	109.93	116.02	2.990	34.00	<b>6150-21-8010</b> <b>6150-21-8310</b>
		<b>R411H</b>	64-411-1	6	1~6	79.93	85.02	2.510	40.00	<b>6150-31-3040</b>
64-411-2			6	1~6	79.93	85.02	2.510	40.00	<b>6150-31-3440</b>	

# KOMATSU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>SAA6D107E</b> ★  D6×6690CC · 107×124 SHOVEL -PC200 PC210	<b>M420A</b>	63-420-1	6	1,3,4,5,6	83.03	88.04	2.465	29.13	<b>6736-21-8110</b> <b>6754-22-8320</b> <b>6754-22-8310</b>	
		63-420-2	7	1~7	83.03	88.04	2.465	29.13		
		63-420-(3)	1	2	83.03	88.04	2.465	32.60		
	<b>R420H</b>	64-420-1	6	1~6	69.00	73.02	1.970	31.10	<b>6754-31-3410</b> <b>6732-31-3420</b>	
		64-420-2	6	1~6	69.00	73.02	1.970	31.10		
	<b>C420A</b>	62-420-1	2	1~2	54.05	59.29	2.575	25.50	<b>6732-21-1411</b>	
	★ <b>P420H</b>	67-420-1	6	1~6	39.49	43.04	1.736	23.60 38.00	<b>6732-31-3132</b>	
	<b>SAA6D102E</b> ★  D6×5880CC · 102×120 WHEEL LOADER-PC200-7	<b>M420A</b>	63-420-1	6	1,3,4,5,6	83.03	88.04	2.465	29.13	<b>6736-21-8110</b> <b>6754-22-8320</b> <b>6754-22-8310</b>
			63-420-2	7	1~7	83.03	88.04	2.465	29.13	
			63-420-(3)	1	2	83.03	88.04	2.465	32.60	
★ <b>R421H</b>		64-420-1	12	1~6	69.00	73.02	1.970	31.10	<b>6754-31-3410</b> <b>6732-31-3410</b>	
<b>C421A</b>		62-420-1	1	1	54.05	59.29	2.575	25.50	<b>6732-21-1411</b>	
★ <b>P420H</b>		67-420-1	6	1~6	39.49	43.04	1.736	23.60 38.00	<b>6732-31-3132</b>	
<b>S6D108</b>  D6×7150CC · 108×130 SHOVEL -PC300	<b>M417H</b>	63-417-1	7	1~7	94.93	101.02	2.995	30.13	<b>6221-21-8010</b>	
		63-417-2	7	1~7	94.93	101.02	2.995	30.13		
	<b>R417H</b>	64-417-1	6	1~6	69.93	74.02	2.005	33.13	<b>6222-31-3040</b>	
		64-417-2	6	1~6	69.93	74.02	2.005	33.13		
	<b>C417H</b>	62-417-1	4	1~4	59.04	62.12	1.500	23.00	<b>6221-21-1410</b>	
	<b>T417H</b>	65-417-1	3	7	—	—	2.525	—	<b>6221-21-8050</b>	
	<b>P417H</b>	67-417-1	6	1~6	44.92	49.03	2.015	42.00	<b>6221-31-3130</b>	
<b>6D130</b>  D6×12170CC · 130.2×152.4 BULLDOZER -D50A16,D50P16 D50S16 D50PL16 D50F16,D57S1 SHOVEL -20HT1 MOTOR GRADER -GD31RC3A GD655A GD655R COMPRESSOR -EC105V1,VS1	<b>M402H</b>	63-402-1	3	1,3,5	114.27	120.65	3.130	54.00	<b>6610-21-8010</b> <b>6610-21-8070</b> <b>6710-21-8000</b>	
		63-402-2	3	1,3,5	114.27	120.65	3.130	54.00		
		63-402-3	3	2,4,6	114.27	120.65	3.130	41.10		
		63-402-4	3	2,4,6	114.27	120.65	3.130	41.10		
		63-402-5	1	7	114.27	120.65	3.130	59.00		
		63-402-6	1	7	114.27	120.65	3.130	59.00		
	<b>R402H</b>	64-402-1	12	1~6	79.35	83.13	1.850	50.18	<b>6610-31-3040</b> <b>6610-31-3041</b> <b>6610-31-3411</b>	
	<b>T402P</b>	65-402-1	4	7	—	—	6.270	—	<b>6610-21-8051</b> <b>6610-21-8050</b>	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.		
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)			
<b>CUMMINS</b>  D6×12170CC · 130.2×152.4 GNH220,NT262,H743 NT743,H743C,NTC743 NH200,NT0-6,NH220 NTO262,NH743,NTO280 NHE180,NTRO-6,NHE195  D6×11005CC · 130.2×152.4 H672,NHD180,N672,NH180 NH180,NHH195,NH195 NHH220,NH672  D6×14009CC · 130.2×152.4 NH230	<b>M402H</b>	63-402-1	3	1,3,5	114.27	120.65	3.130	54.00	<b>6610-21-8010</b> <b>6610-21-8070</b> <b>6710-21-8000</b>		
		63-402-2	3	1,3,5	114.27	120.65	3.130	54.00			
		63-402-3	3	2,4,6	114.27	120.65	3.130	41.10			
		63-402-4	3	2,4,6	114.27	120.65	3.130	41.10			
		63-402-5	1	7	114.27	120.65	3.130	59.00			
		63-402-6	1	7	114.27	120.65	3.130	59.00			
	<b>R402H</b>	64-402-1	12	1~6	79.35	83.13	1.850	50.18	<b>6610-31-3040</b> <b>6610-31-3041</b> <b>6610-31-3411</b>		
		<b>T402P</b>	65-402-1	4	7	—	—	6.270		—	
	<b>6610-21-8051</b> <b>6610-21-8050</b>										
		<b>CUMMINS</b>  D6×14140CC · 139.7×152.4 N855,NT855,NH250,NT400 NH855,NT420,NHC250 NTA370,NHC270,NTA380 NHD230,NTA400,NHE225 NTA420,NHF240,NTC240 NHF265,NTC270,NT270 NTC280,NT280,NTC290 NT300,NTC310,NT310 NTC335,NT335,NTC350 NT350,NTC855,NT380	<b>M402H</b>	63-402-1	3	1,3,5	114.27	120.65	3.130	54.00	<b>6610-21-8010</b> <b>6610-21-8070</b> <b>6710-21-8000</b>
				63-402-2	3	1,3,5	114.27	120.65	3.130	54.00	
	63-402-3			3	2,4,6	114.27	120.65	3.130	41.10		
	63-402-4			3	2,4,6	114.27	120.65	3.130	41.10		
	63-402-5			1	7	114.27	120.65	3.130	59.00		
	63-402-6			1	7	114.27	120.65	3.130	59.00		
<b>R406H</b>	64-406-1		12	1~6	79.35	84.24	2.407	44.23	<b>6710-31-3411</b> <b>6710-31-3041</b>		
	<b>T402P</b>		65-402-1	4	7	—	—	6.270		—	
<b>6610-21-8051</b> <b>6610-21-8050</b>											

# KOMATSU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>A18A</b> 1985~ G4×1829CC · 80×91 ACCORD -CA1  <b>A20A</b> 1985~ G4×1955CC · 82.7×91 ACCORD -CA5,6	<b>M454H</b>	63-454-1	10	1~5	49.98	54.02	1.999	20.00	13321~7-PD2-004 13321~7-PC6-003
	<b>R454H</b>	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-A01 13211~7-PR4-A02 13211~7-PD2-004 13211~7-PC6-003
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-634-003 13331-634-004
<b>B16A(DOHC)</b> 1989~ G4×1595CC · 81×77.4 INTEGRA -DA6,8 CIVIC -EG2,6,9	<b>M461H</b>	63-461-1 63-461-2	5 5	1~5 1~5	54.98 54.98	59.02 59.02	1.998 1.998	20.00 20.00	13341~7-PR3-003 13341~7-PR3-004 13321~7-PR3-003 13321~7-PR3-004 13032~8-PR3-S10 13032~8-PR3-S20
	<b>R462H</b>	64-462-1	8	1~4	44.98	48.02	1.492	19.40	13211~7-PR3-S20 13211~7-PR3-004 13022-PR3-S20
	<b>T468A</b>	65-468-1	2	4	—	—	2.500	—	13331-PR3-004/3 13331-PR3-S10 13331-PR3-S20 13331-PR3-003 13331-PR3-004 13041-PR3-S20
<b>B18 (SAUDI)</b> 1988~ G4×1834CC · 81×89	<b>M463H</b>	63-463-1 63-463-2	5 5	1~5 1~5	54.98 54.98	59.02 59.02	1.998 1.998	20.00 20.00	13321~7-PR4-Y02 13341~7-PR4-Y02
	<b>R463H</b>	64-463-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-Y02
<b>B18A(USA)</b> 1990~93 G4×1834CC · 81×89 INTEGRA -DB1	<b>M461H</b>	63-461-1 63-461-2	5 5	1~5 1~5	54.98 54.98	59.02 59.02	1.998 1.998	20.00 20.00	13341~7-PR3-003 13341~7-PR3-004 13321~7-PR3-003 13321~7-PR3-004 13032~8-PR3-S10 13032~8-PR3-S20
	<b>R454H</b>	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-A01 13211~7-PR4-A02 13211~7-PD2-004 13211~7-PC6-003
	<b>T468A</b>	65-468-1	2	4	—	—	2.500	—	13331-PR3-004/3 13331-PR3-S10 13331-PR3-S20 13331-PR3-003 13331-PR3-004
<b>B18A</b> 1985~ G4×1834CC · 81×89 ACCORD -CA2  <b>B20A</b> 1985~ G4×1958CC · 81×95 PRELUDE -BA4,5	<b>M458H</b>	63-458-1	10	1~5	54.98	59.02	2.001	20.00	13321~7-PH6-003 13321~7-PH6-004 13321~7-PG6-003 13321~7-PG6-004 13321~7-PK1-7511
	<b>R454H</b>	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-A01 13211~7-PR4-A02 13211~7-PD2-004 13211~7-PC6-003 13211~7-PK1-751
	<b>T458A</b>	65-458-1	2	4	—	—	2.500	—	13331-PR3-S10/20 13331-PG6-003 13331-PG6-004

# HONDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>B20A (DOHC), B21A</b> 1985~ G4×1958CC · 81×95 ACCORD -CA3 PRELUDE -BA5	<b>M458H</b>	63-458-1	10	1~5	54.98	59.02	2.001	20.00	13321~7-PH6-003 13321~7-PH6-004 13321~7-PG6-003 13321~7-PG6-004 13321~7-PK1-7511
	<b>R458H</b>	64-458-1	8	1~4	47.98	51.02	1.498	19.40	13211~7-PH3-003 13211~7-PH3-004
	<b>T458A</b>	65-458-1	2	4	—	—	2.500	—	13331-PR3-S10 13331-PR3-S20 13331-PG6-003 13331-PG6-004
<b>C25A</b> 1985~88 GV6×2493CC · 84×75  <b>C27A</b> 1985~90 GV6×2675CC · 87×75 LEGEND -KA3,4	<b>M465H</b>	63-465-1 63-465-2	4 4	1~4 1~4	63.98 63.98	68.02 68.02	1.996 1.996	20.00 20.00	13321~5-PL2-003 13321~5-PL2-004 13341~5-PL2-003 13341~5-PL2-004 13321~5-PH7-013 13321~5-PH7-014 13341~5-PH7-013 13341~5-PH7-014 13321~7-PH7-003 13321~7-PH7-004 13341~7-PH7-003 13341~7-PH7-004
	<b>R465H</b>	64-465-1	12	1~6	51.98	55.02	1.499	17.40	13211~5-PH7-013 13211~5-PH7-014
	<b>T</b>								13331-PH7-003 13331-PH7-004
<b>D12A</b> 1986~ G4×1237CC · 72×76 CITY -GA1  <b>D13C</b> 1988~ G4×1296CC · 73.7×76 CITY,CIVIC -GA2	<b>M464A</b>	63-464-1	10	1~5	42.98	47.02	2.001	20.00	13321~7-PJ7-003 13321~7-PJ7-004
	<b>R464H</b>	64-464-1	8	1~4	39.98	42.02	1.498	18.40	13211~7-PJ7-003 13211~7-PJ7-004
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13014-PD1-S10 13014-PD1-S20 13331-PD1-003 13331-PD1-004 13331-634-003 13331-634-004
<b>D13A2</b> 1987~88 G4×1343CC · 75×76 CIVIC  <b>D13B</b> 1987~ G4×1343CC · 75×76 CIVIC	<b>M453A</b>	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13032~8-PE0-660 13321~7-PE0-661 13321~7-PE0-662 13032~8-PC0-S20 13321~7-PC0-014 13321~7-PC0-004
	<b>R455H</b>	64-455-1	8	1~4	39.98	43.02	1.498	18.40	13022~8-PE0-S10 13022~8-PE0-S20 13211~7-PE0-003 13211~7-PE0-004
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13014-PD1-S10 13014-PD1-S20 13331-PD1-003 13331-PD1-004



MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>D15A, D15B, D15Z</b> 1985~ G4×1493CC · 75×84.5 BALLADE -EF6 CIVIC -EF2	<b>M453A</b>	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13032~8-PE0-660 13321~7-PE0-661 13321~7-PE0-662 13032~8-PC0-S20 13321~7-PC0-014 13321~7-PC0-004
	<b>R456H</b>	64-456-1	8	1~4	41.98	45.02	1.498	18.40	13022~8-PE1-S10 13022~8-PE1-S20 13211~7-PE1-003 13211~7-PE1-004
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004 13331-D34-003 13331-D34-004
<b>D16A1, B18A (U.S.A)</b> 1985~ G4×1590CC · 75×90 BALLADE -AS110,120 CIVIC -AT110,120,EF3 INTEGRA -DA5,7 QUINT -AV110,120	<b>M458H</b>	63-458-1	10	1~5	54.98	59.02	2.001	20.00	13321~7-PM6-003 13321~7-PM6-004 13321~7-PG6-003 13321~7-PG6-004
	<b>R460H</b>	64-460-1	8	1~4	44.98	48.02	1.498	18.40	13211~7-PG6-003 13211~7-PG6-004
	<b>T458A</b>	65-458-1	2	4	—	—	2.500	—	13331-PG6-003 13331-PG6-004
<b>E07A</b> 1990~ G3×656CC · 66×64 TODAY LIFE ACTY	<b>M472H</b>	63-472-1	8	1~4	39.96	44.02	2.017	19.00	13322-PFD-004
	<b>R472H</b>	64-472-1	6	1~3	36.00	39.02	1.495	17.50	13217-PZI-004
	<b>T472A</b>	65-472-1	2	3	—	—	2.500	—	13331-679-003
<b>EB1</b> 1972~75 G4×1169CC · 30×76 CIVIC -SB1  <b>EE</b> 1975~78 G4×1238CC · 72×76 CIVIC -SC,SF	<b>M451A</b>	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-305 13321~7-634-306 13321~7-634-0031 13321~7-634-003 13321~7-634-004
	<b>R452H</b>	64-452-1	8	1~4	39.98	43.02	1.498	17.50	13211~7-PB9-003 13211~7-PB9-004 13211~7-PA5-003 13211~7-PA5-004 13211~7-PD1-003 13211~7-PD1-004 13211~7-634-003 13211~7-634-004
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004 13331-634-003 13331-634-004
<b>EJ</b> 1978~ G4×1355CC · 72×82 CIVIC -SP,SK,SS,SL,VE BALLADE -SS	<b>M451A</b>	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-305/6 13321~7-634-0031 13321~7-634-003/4
	<b>R452H</b>	64-452-1	8	1~4	39.98	43.02	1.498	17.50	13211~7-PB9-003/4 13211~7-PA5-003/4 13211~7-PD1-003/4 13211~7-634-003/4

# HONDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>EN</b> 1978~ G4×1335CC · 72×82 CIVIC -VC	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-PD1-S10/20 13331-PD1-003/4 13331-634-003/4
<b>EB5</b> 1972~75 G4×1488CC · 74×86.5	<b>M451A</b>	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-305 13321~7-634-306 13321~7-634-0031 13321~7-634-003 13321~7-634-004
<b>EC</b> 1975~79 G4×1488CC · 74×86.5 CIVIC -SE,VBVAN	<b>R451H</b>	64-451-1	8	1~4	41.98	45.02	1.498	17.50	13211~7-642-003 13211~7-642-004 13211~7-PC1-003 13211~7-PC1-004 13211~7-PB2-003 13211~7-PB2-004
<b>ED, 1, 2, 3, 4</b> 1974~79 G4×1488CC · 74×86.5 CIVIC -SG,E-SG,B-SH B-SC,B-SF	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004 13331-634-003 13331-634-004
<b>EF</b> 1976~78 G4×1599CC · 74×93 ACCORD -B-SJ									
<b>EK</b> 1978~ G4×1750CC · 74×94 ACCORD -E-SM PRELUDE -E-SN VIGOR -E-SZ									
<b>EM</b> 1979~ G4×1488CC · 74×86.5 CIVIC -E-SR,E-ST E-WD BALLADE -E-ST									
<b>EP</b> 1980~ G4×1601CC · 77×86 ACCORD -E-SY QUINT -E-SU									
<b>ER</b> 1981~85 G4×1231CC · 66×90 CIVIC -AA,VF	<b>M453A</b>	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13321~7-PC0-003 13321~7-PC0-004
	<b>R453H</b>	64-453-1	8	1~4	36.98	40.02	1.498	17.50	13211~7-PC0-004
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>ER-T</b> 1981~ G4×1231CC · 66×90 CIVIC -AA,VF	<b>M453A</b>	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13321~7-PD1-003 13321~7-PD1-004
	<b>R452H</b>	64-452-1	8	1~4	39.98	43.02	1.498	17.50	13211~7-PD1-003 13211~7-PD1-004
	<b>T451A1</b>	64-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004
<b>ES, ET</b> 1983~ G4×1829CC · 80×41 PRELUDE -E-AB ACCORD -A-AD	<b>M454H</b>	63-454-1	10	1~5	49.98	54.02	1.999	20.00	13321~7-PD2-003 13321~7-PD2-004 13321~7-PD6-003 13321~7-PD6-004
	<b>R454H</b>	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211~7-PR4-A01 13211~7-PR4-A02 13211~7-PD2-004 13211~7-PC6-003 13211~7-PC6-004 13211~7-PK1-003
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-634-003 13331-634-004
<b>EV</b> 1983~87 G4×1342CC · 74×78 CIVIC -AG,AJ,AE BALLADE -AS,AE	<b>M451A</b>	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-003 13321~7-634-004
	<b>R455H</b>	64-455-1	8	1~4	39.98	43.02	1.498	18.40	13211~7-PE0-003 13211~7-PE0-004
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004
<b>EV1</b> 1983~87 G4×1342CC · 74×78 CIVIC	<b>M453A</b>	63-453-1	10	1~5	44.98	49.02	2.001	20.00	13321~7-PE0-003 13321~7-PE0-004 13321~7-PE0-661 13321~7-PE0-662
	<b>R</b>								13211~7-PE0-661 13211~7-PE0-662
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-634-003 13331-634-004 13331-PD1-003 13331-PD1-004
<b>EW</b> 1983~ G4×1488CC · 74×86.5 CIVIC -E-AIC,AR,AJ AK	<b>M451A</b>	63-451-1	10	1~5	49.98	54.02	2.001	20.00	13321~7-634-003 13321~7-634-004
	<b>R456H</b>	64-456-1	8	1~4	41.98	45.02	1.498	18.40	13211~7-PE1-003 13211~7-PE1-004
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-PD1-003 13331-PD1-004

# HONDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>EY</b> 1983~ G4×1598CC · 80×79.5 CIVIC	<b>M454H</b>	63-454-1	10	1~5	49.98	54.02	1.999	20.00	13321~7-PC6-003 13321~7-PC6-004
	<b>R</b>								13211~7-PD4-003 13211~7-PD4-004
	<b>T451A1</b>	65-451-1	2	4	—	—	2.500	—	13331-634-003 13331-634-004
<b>F20A</b> 1989~ G4×1997CC · 85×88 ACCORD PRELUDE -P12	<b>M459H</b>	63-459-1	10	1~5	49.98	54.02	2.001	20.00	13321-PT0-003 13321-PT0-004
	<b>R458H</b>	64-458-1	8	1~4	47.98	51.02	1.498	19.40	13211~7-PH3-003 13211~7-PH3-004
	<b>T459A</b>	65-459-1	2	4	—	—	2.500	—	13331-PT0-003 13331-PT0-004
<b>F22B</b> 1991~ G4×2156CC · 85×95 PRELUDE -P39 ACCORD -POB,POC									
<b>F22B (VTEC)</b> 1991~ G4×2156CC · 85×95 ACCORD -POA									
<b>F18B</b> 1991~ G4×1849CC · 85×81.5 ACCORD -POE	<b>M459H</b>	63-459-1	10	1~5	49.98	54.02	2.001	20.00	13321-PT0-003 13321-PT0-004
	<b>R454H</b>	64-454-1	8	1~4	44.98	48.02	1.498	19.40	13211-PC6-003
	<b>T459A</b>	65-459-1	2	4	—	—	2.500	—	13331-PT0-003 13331-PT0-004
<b>F20B</b> 1991~ G4×1997CC · 85×88 PRELUDE -P11 ASCOT -P50,52 ACCORD -POD									
<b>G20A</b> 1989~ G5×1996CC · 82×75.6 ASCOTT -PV3 ACCORD,INSPIRE-PIP	<b>M467A</b>	63-466-1	12	1~6	54.98	59.02	2.001	20.00	13321~7-PV1-003 13321~7-PV1-004 13321~5-PV1-014
	<b>R</b>	64-454-1	10	1~5	44.98	48.02	1.498	19.40	13211~7-PD2-004
	<b>T459A</b>	65-459-1	2	5	—	—	2.500	—	13331-PT0-003 13331-PT0-004
<b>G25A</b> 1992~ G5×2451CC · 85×86.4 ASCOTT -PV4 ACCORD,INSPIRE-PIR									
<b>H22A (VTEC)</b> 1990~ G4×2156CC · 87×91 PRELUDE -P13 ACCORD -POF,PON	<b>M459H</b>	63-459-1	10	1~5	49.98	54.02	2.001	20.00	13321~5-PT0-003 13321~5-PT0-004
	<b>R459H</b> (FOR H22A)	64-459-1	8	1~4	47.98	51.02	1.496	19.40	13211~7-P13-0042 13211~7-P13-0141
	<b>R458H</b> (FOR H23A)	64-458-1	8	1~4	47.98	51.02	1.498	19.40	13211~7-PH3-003 13211~7-PH3-004
	<b>T459A</b>	65-459-1	2	4	—	—	2.500	—	13331-PT0-003 13331-PT0-004
<b>H23A</b> 1990~ G4×2259CC · 87×95 ASCOT -CC5									

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>J30A</b> 1997~ V6×2997CC · 86.0×86.0 ODYSSEY ACURA 3.0CL AVANCIER ACCORD V6	<b>M473A</b>	63-473-1	4	1~4	72.00	77.02	2.495	18.00	<b>13326-RYE-A011</b> <b>13346-RYE-A011</b>
		63-473-2	4	1~4	72.00	77.02	2.495	18.00	
	<b>R473H</b>	64-473-1	12	1~4	54.99	58.02	1.499	14.50	<b>13215-P8F-A111</b>
<b>K20A</b> 2000/10~ G4×1998CC · 86×86 CIVIC -EP3,FD2 STREAM -RN3/4 INTEGRA -DC5 STEP WGN -RF3/4/5/6 -RG1/2 ACCORD -CL7/8,CM1 EDIX -BE3/4	<b>M469A</b>	63-469-1	5	1~5	54.98	59.02	1.997	20.00	<b>13321~6-PNA-003</b> <b>13321~6-PNA-004</b> <b>13341~6-PNA-003</b> <b>13341~6-PNA-004</b>
		63-469-2	5	1~5	54.98	59.02	1.997	20.00	
	<b>R469H</b>	64-469-1	8	1~4	44.98	48.02	1.495	15.50	
	<b>T469A</b>	65-469-1	2		—	—	2.500	—	
<b>K24A</b> 2002/10~ G4×2354CC · 87×99 ELEMENT -YH2 STEP WGN -RF7/8,RG3/4 ODYSSEY -RB1/2/3/4 ACCORD -CL9,CM2/3 ACURA TSX -CL9 EDIX -BE8 CR-V -RE3/4	<b>M469A</b>	63-469-1	5	1~5	54.98	59.02	1.997	20.00	<b>13321~6-PNA-003</b> <b>13321~6-PNA-004</b> <b>13341~6-PNA-003</b> <b>13341~6-PNA-004</b>
		63-469-2	5	1~5	54.98	59.02	1.997	20.00	
	<b>R470H</b>	64-470-1	8	1~4	47.98	50.02	1.492	15.50	
	<b>T469A</b>	65-469-1	2		—	—	2.500	—	
<b>L13A</b> 2001-2007 G4×1339CC · 73×80 FIT -GD1,GD3 FIT ARIA -GD6,GD7  <b>L15A</b> 2001-2007 G4×1496CC · 73×89.4 FIT -GD3,GD4 FIT ARIA -GD8,GD9 MOBILIO -GB1 MOBILIOSPIKE-GK1  <b>LDA</b> 2001-2005 G4×1339CC · 73×80 CIVIC HYBRID-ES9	<b>M468A</b>	63-468-1	5	1~5	49.98	54.02	1.999	17.00	<b>13328-PWA-004/3</b> <b>13348-PWA-004/3</b>
		63-468-2	5	1~5	49.98	54.02	1.999	17.00	
	<b>R468A</b>	64-468-1	8	1~8	39.98	43.02	1.495	13.50	
	<b>T468A</b>	65-468-1	2	4	—	—	2.500	—	
<b>R16A</b> 2005~ L4×1595CC · 81×77.4 CIVIC -FD  <b>R18A</b> 2006~ L4×1799CC · 81×87.3 CIVIC -EG1 STREAM -RN6,7	<b>M457A</b>	63-457-1	5	1~5	54.98	59.02	2.004	18.00	<b>13321-RNA-A020</b> <b>13341-RNA-A020</b>
		63-457-2	5	1~5	54.98	59.02	2.004	18.00	
	<b>R457A</b>	64-457-1	8	1~4	44.98	48.02	1.497	14.90	<b>13211-RNA-A020</b>

# HONDA

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>ZC</b> 1984~ G4×1590CC · 75×90 INTEGRA -E-AV CIVIC -E-AT,E-AU	<b>M458H</b>	63-458-1	10	1~5	54.98	59.02	2.001	20.00	13321~7-PG6-003 13321~7-PG6-004 13321~7-PM6-003 13321~7-PM6-004 13321~7-PH3-003 13321~7-PH3-004
	<b>R460H</b>	64-460-1	8	1~4	44.98	48.02	1.498	18.40	13211~7-PG6-003 13211~7-PG6-004
	<b>T458A</b>	65-458-1	2	4	—	—	2.500	—	13331-PG6-003 13331-PG6-004 13014-PG6-S10 13014-PG6-S20

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>EA62</b> 1970~73 G4×1267CC · 82×60 SUBARU -A15,13	<b>M601H</b>	63-601-1	4	1,3	49.96	54.02	2.010	21.13	<b>88265-8830</b> <b>88265-8823</b> <b>88265-8810</b> <b>88265-8610</b> <b>88265-8640</b>
		63-601-(2)	1	2	49.96	54.02	2.010	25.95	
		63-601-(3)	1	2	49.96	54.02	2.010	25.95	
<b>EA63</b> 1972~78 G4×1361CC · 85×60 LEONE -A22,32,62,64	<b>R601H</b>	64-601-1	8	1~4	44.99	48.02	1.485	13.50	<b>38291-4300</b> <b>88291-8800</b> <b>38291-7900</b> <b>88291-8610</b> <b>88291-6100</b>
<b>EA64</b> 1973~78 G4×1176CC · 79×60 LEONE -A25.65									
<b>EA71</b> 1975~78 G4×1595CC · 92×60 LEONE -A25,65									
<b>EA63</b> 1978~79 G4×1361CC · 85×60 LEONE -A62,64	<b>M604H</b>	63-601-1	4	1,3	49.96	54.02	2.010	21.13	<b>88265-8840</b>  <b>38291-4300</b> <b>88291-8800</b> <b>38291-7900</b> <b>88291-8610</b> <b>88291-6100</b>
		63-601-(3)	2	2	49.96	54.02	2.010	25.95	
	<b>R601H</b>	64-601-1	8	1~4	44.99	48.02	1.485	13.50	
<b>EA64</b> 1978~79 G4×1176CC · 79×60 LEONE -A25									
<b>EA65</b> 1979~84 G4×1298CC · 83×60 LEONE -AF1,AM1									
<b>EA71</b> 1978~ G4×1595CC · 92×60 LEONE -AB2,AE2,3 AM2,3									
<b>EA81, EA81-T</b> 1979~84 G4×1781CC · 92×68 LEONE -AB4,5 AM1,5 AF5,AJ5	<b>M603A</b>	63-603-1	4	1,3	54.96	59.02	2.020	21.13	<b>48543-7000</b>  <b>38291-4300</b> <b>88291-8800</b> <b>38291-7900</b> <b>88291-8610</b> <b>88291-6100</b>
		63-603-(2)	2	2	54.96	59.02	2.020	25.95	
	<b>R601H</b>	64-601-1	8	1~4	44.99	48.02	1.485	13.50	
<b>EA82</b> 1984~ G4×1781CC · 92×67 LEONE -AA5A44M AA5A46M AA7A46C AL5A44M	<b>M603A</b>	63-603-1	4	1,3	54.96	59.02	2.020	21.13	<b>48543-7000</b>  <b>12108-AA090</b> <b>12108-AA040</b> <b>12108-AA000</b>
		63-603-(2)	2	2	54.96	59.02	2.020	25.95	
	<b>R</b>								



# SUBARU

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>EF10</b> 1983~ G3×997CC · 78×69.6 JUSTY -KA5,6	<b>M606H</b>	63-602-1 63-602-(2)	6 2	1,3 2	41.95 41.95	45.02 45.02	1.510 1.510	20.00 24.95	<b>48265-5600</b> <b>48265-5500</b> <b>48265-5400</b>
	<b>R606H</b>	64-606-1	6	1~3	41.99	45.02	1.490	15.13	<b>48291-5600</b>
<b>EF12</b> 1985~ G3×1189CC · 78×83 JUSTY -KA7,8	<b>M606H</b>	63-602-1 63-602-(2)	6 2	1,3 2	41.95 41.95	45.02 45.02	1.510 1.510	20.00 24.95	<b>48265-5600</b> <b>48265-5500</b> <b>48265-5400</b>
	<b>R607H</b>	64-607-1	6	1~3	41.99	45.02	1.490	15.13	<b>12108-KA110</b> <b>12111-KA001</b> <b>12111-KA000</b>
<b>EK21</b> 1973~76 G2×358CC · 66×52.4 REX -K22,26,42	<b>M602H</b>	63-602-1 63-602-(2)	5 1	1~3 2	41.95 41.95	45.02 45.02	1.510 1.510	20.00 24.95	<b>38265-2100</b>
	<b>R602H</b>	64-602-1	4	1~4	37.99	41.02	1.490	14.00	<b>48291-5400</b> <b>38291-2100</b>
<b>EK22</b> 1976~77 G2×990CC · 74×57 REX -KE43	<b>M605H</b>	63-602-1 63-602-(2)	4 2	1,2 3	41.95 41.95	45.02 45.02	1.510 1.510	20.00 24.95	<b>48265-1000</b>
	<b>R602H</b>	64-602-1	4	1~4	37.99	41.02	1.490	14.00	<b>48291-5400</b> <b>38291-2100</b>
<b>EK23</b> 1977~ G2×544CC · 76×60 REX -K24,44 SAMBAR -K75,76,85 (TRUCK) -K77,87 (DUMP) -PS751,752									
<b>EK42</b> 1983~ G2×665CC · 78×69.9									

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>F5A (OLD)</b> 1977~79 G3×543CC · 62×66 FRONTE -SS30 CARRY -ST30V	<b>M652A</b>	63-651-1	8	1~4	49.98	54.02	1.990	20.10	<b>12300-76811</b>
	<b>R652A</b>	64-651-1	6	1~3	37.98	41.02	1.490	18.10	<b>12181-73010</b> <b>12181-73002</b> <b>12181-73001</b> <b>12181-81051</b> <b>12181-81050</b>
	<b>T651A</b>	65-651-1	2	3	—	—	2.520	—	<b>12300-73830</b>
	<b>P652H</b> (UN FINISHED)	67-651-1S	3	1~3	15.99	18.02	1.180	22.00	<b>12165-73000/NB</b>
<b>F5A, F5A-T</b> 1978~ G3×543CC · 62×60 FRONTE -SS40 CARRY VAN -ST40	<b>M653A</b>	63-653-1	8	1~4	39.98	44.02	1.990	17.10	<b>12300-78810~12</b> <b>12341-78101</b> <b>12341-73010</b>
	<b>R652A</b>	64-651-1	6	1~3	37.98	41.02	1.490	18.10	<b>12181-73010</b> <b>12181-73002</b> <b>12181-73001</b> <b>12181-81051</b> <b>12181-81050</b>
	<b>T653A</b>	65-653-1	2	3	—	—	2.520	—	<b>12300-78830</b>
	<b>P652H</b> (UN FINISHED)	67-651-1S	3	1~3	15.99	18.02	1.180	22.00	<b>12165-73000/NB</b>
<b>F5A</b> 1981~ G3×543CC · 62×60 FRONTE -SS40 CARRY VAN -ST40,DA717 DB717 CERVO -SS40	<b>M653A</b>	63-653-1	8	1~4	39.98	44.02	1.990	17.10	<b>12300-78810~12</b> <b>12341-78101</b> <b>12341-73010</b>
	<b>R653A</b>	64-653-1	6	1~3	31.98	35.02	1.490	16.10	<b>12181-78130</b> <b>12181-78110</b> <b>12181-78111</b>
	<b>T653A</b>	65-653-1	2	3	—	—	2.520	—	<b>12300-78830</b>
<b>F6A</b> G3×657CC · 65×66	<b>M658A</b>	63-658-1	8	1~4	43.98	48.02	1.990	17.13	<b>12300-61810-0A0</b> <b>12341-60D00</b>
	<b>R658A</b>	64-658-1	6	1~3	35.98	39.02	1.490	16.10	<b>12181-81401</b> <b>12181-81401-0A0</b>
	<b>T658A</b>	65-658-1	2	3	—	—	2.520	—	<b>12300-82820</b>
<b>F8A</b> 1977~88 G4×797CC · 62×66 JIMNY -SJ120,80,410 ST20,80,90 ALTO -SS40,80  <b>F10A</b> 1982~91 G4×970CC · 65.5×72 ALTO -SS40 JIMNY -SJ40,40V,40T CERVO -SS40	<b>M651A</b>	63-651-1	10	1~5	49.98	54.02	1.990	20.10	<b>12300-73810~12</b>
	<b>R651A</b>	64-651-1	8	1~4	37.98	41.02	1.490	18.10	<b>12181-81051</b> <b>12181-81050</b> <b>12181-73010</b> <b>12181-73001</b> <b>12181-73000</b>
	<b>T651A</b>	65-651-1	2	3	—	—	2.520	—	<b>12300-73830</b>
	<b>P651H</b> (UN FINISHED)	67-651-1S	4	1~4	15.99	18.02	1.180	22.00	<b>12165-73000/NB</b>
	<b>P659H</b>	67-654-1	4	1~4	15.99	18.02	1.033	22.00	<b>12165-73000</b>

# SUZUKI

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>F8B, Y64 [EXPORT]</b> 1979~91 G3×796CC · 68.5×72 ALTO -SS80	<b>M654A</b>	63-654-1	8	1~4	49.98	54.02	1.990	17.10	<b>12300-78860</b> <b>12341-78110</b>
	<b>R652A</b>	64-651-1	6	1~3	37.98	41.02	1.490	18.10	<b>12181-78400</b>
	<b>T651A</b>	65-651-1	2	3	—	—	2.520	—	<b>12300-73830</b>
	<b>P652H</b> (UN FINISHED)	67-651-1S	3	1~3	15.99	18.02	1.180	22.00	<b>12165-73000/NB</b>
	<b>P654H</b>	67-654-1	3	1~3	15.99	18.02	1.033	22.00	<b>12165-73000</b>
<b>G10, G10-T</b> 1984~ G3×993CC · 74×77 FRONTE -AA43S,AB43S	<b>M655A</b>	63-655-1 63-655-2	4 4	1~4 1~4	44.98 44.98	49.02 49.02	2.000 2.000	18.10 18.10	<b>12300-82810</b> <b>12340-82000</b>
	<b>R655A</b>	64-655-1	6	1~3	41.98	45.02	1.490	18.10	<b>12100-82810</b>
	<b>T655A</b>	65-655-1	2	3	—	—	2.520	—	<b>12300-82810/20</b>
<b>G13</b> 1985~89 G4×1324CC · 74×77 CULTUS -AB53S,AA433	<b>M656A</b>	63-655-1 63-655-2	5 5	1~5 1~5	44.98 44.98	49.02 49.02	2.000 2.000	18.10 18.10	<b>12340-82000</b> <b>12340-82010</b>
	<b>R656A</b>	64-655-1	8	1~4	41.98	45.02	1.490	18.10	<b>12100-82810</b>
	<b>T655A</b>	65-655-1	2	3	—	—	2.520	—	<b>12300-82820</b> <b>12351-82010</b>
<b>G13B (DOHC)</b> 1984~ G4×1298CC · 74×75.5 CULTUS -AA33S,AB33S	<b>M656A</b>	63-655-1 63-655-2	5 5	1~5 1~5	44.98 44.98	49.02 49.02	2.000 2.000	18.10 18.10	<b>12340-82000</b> <b>12300-82810</b>
	<b>R</b>								<b>12100-86810</b>
	<b>T655A</b>	65-655-1	2	3	—	—	2.520	—	<b>12300-82820</b> <b>12351-82010</b>
<b>G15, G16</b> 1988~ G4×1590CC · 75×90 ESCUDO -TA01	<b>M657A</b>	63-657-1 63-657-2	5 5	1~5 1~5	51.98 51.98	56.02 56.02	2.000 2.000	18.10 18.10	<b>12340-60A10</b>
	<b>R657A</b>	64-657-1	8	1~4	43.98	47.02	1.490	18.10	<b>12100-60830</b> <b>12100-60820</b>
	<b>T657A</b>	65-657-1	2	4	—	—	2.520	—	<b>12300-60820</b>
<b>H20A</b> 1955~ GV6×1998CC · 78.0×69.7 ESCUDO -TD11,TA11 GRANDVITARA	<b>M662A</b>	63-661-1 63-661-2	4 4	1~4 1~4	57.98 57.98	62.02 62.02	1.994 1.994	19.10 19.10	<b>12340-85FB3</b>
	<b>R662A</b>	64-661-1	12	1~6	49.98	53.02	1.485	16.10	<b>12100-85824</b>
	<b>T661A</b>	65-661-1	2	3	—	—	2.475	—	<b>12300-85830</b>

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>H25A</b> 1997~ GV6×2493CC · 84.0×75.0 ESCUDO -TD61,TD62 GRANDVITARA  <b>H27A</b> 2001~ GV6×2736CC · 88.0×75.0 ESCUDO -TX92,TD94 GRANDVITARA	<b>M663A</b>	63-663-1	4	1~4	64.98	70.02	2.500	19.10	<b>12340-86FB0</b>
		63-663-2	4	1~4	64.98	70.02	2.500	19.10	
	<b>R662A</b>	64-661-1	12	1~6	49.98	53.02	1.485	16.10	<b>12100-85824</b>
	<b>T661A</b>	65-661-1	2	3	—	—	2.475	—	<b>12300-85830</b>
<b>J18A</b> 1995~ G4×1839CC · 84.0×83.0 CULTUS -GC41 VITARA  <b>J20A</b> 1997~ G4×1995CC · 84.0×90.0 ESCUDO -TA51,TD52,TL52 VITARA	<b>M661A</b>	63-661-1	5	1~5	57.98	62.02	1.994	19.10	<b>12340-85FB3</b>
		63-661-2	5	1~5	57.98	62.02	1.994	19.10	
	<b>R661A</b>	64-661-1	8	1~4	49.98	53.02	1.485	16.10	<b>12100-85824</b>
	<b>T661A</b>	65-661-1	2	3	—	—	2.475	—	<b>12300-85830</b>
<b>K6A</b> 1994~ G3×658CC · 68×60.4 WAGONR -MH22S MRWAGON -MF22S CERVO -HG21S LAPIN -HE21S KEI -HN22S ALTO -HA24S JIMNY -JB23W	<b>M660A</b> (AFTER'05)	63-660-1	4	1~4	44.98	49.02	2.003	18.10	<b>12340-75F00</b>
		63-660-2	4	1~4	44.98	49.02	2.003	18.10	
	<b>R660A</b> (AFTER'05)	64-660-1	6	1~3	37.98	41.02	1.490	16.10	<b>12181-84H00</b>
	<b>T658A</b>	65-658-1	2	—	—	—	2.520	—	<b>12300-82820</b>

# SUZUKI

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>M13A</b> 2000~ G4×1328CC · 78×69.5 SWIFT JIMNY WAGON R CHEVROLET MW	<b>M664A</b>	63-664-1	5	1~5	44.98	49.02	2.000	18.00	<b>12340-69G00</b> <b>12340-69GA0</b> <b>12340-75F00</b> <b>12340-75FA0</b>  <b>12100-70880</b>  <b>12300-78890</b> <b>12300-60850</b>  <b>12737-69GE1</b> <b>12738-69GE1</b>
		63-664-2	5	1~5	44.98	49.02	2.000	18.00	
	<b>R664A</b>	64-664-1	8	1~4	41.98	45.02	1.493	16.00	
	<b>T664A</b>	65-664-1	2		—	—	2.520	—	
	<b>C664A</b>	62-664-1	1		26.98	30.02	1.518	27.50	
		62-664-2	1		26.98	30.02	1.518	27.50	
<b>M15A</b>  G4×1490CC · 78×78 SWIFT AERIO SX4	<b>M665A</b>	63-665-1	5	1~5	51.98	56.02	2.000	18.00	<b>12340-57K02</b>  <b>12100-69830</b>  <b>12300-78890</b> <b>12300-60850</b>
		63-665-2	5	1~5	51.98	56.02	2.000	18.00	
	<b>R665A</b>	64-665-1	8	1~4	41.98	45.02	1.490	18.00	
	<b>T664A</b>	65-664-1	2		—	—	2.520	—	
<b>M16A</b>  G4×1586CC · 78×83 SWIFT ESCUDO SX4 AERIO	<b>C664A</b>	62-664-1	1		26.98	30.02	1.518	27.50	<b>12737-69GE1</b> <b>12738-69GE1</b>
		62-664-2	1		26.98	30.02	1.518	27.50	
<b>M18A</b>  G4×1796CC · 83×83 AERIO									

## KOREAN VEHICLES

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>HYUNDAI</b>  <b>D (D4EA)</b> 2000/2~ 2002/3~ 2004/3~ 2005/10~ D4×1991cc(2188cc) TUCSON 2.0 TRAJET XG 2.0 SANTA FE	<b>M3107A</b>	63-3107-1	5	1~5	59.98	64.02	1.978	21.60	<b>21020-27900~909</b> <b>21020-27920~924</b>	
		63-3107-2	5	1~5	59.98	64.02	1.978	21.60		
	<b>R3107H</b>	64-3107-1	8	1~4	49.98	53.02	1.478	22.10	<b>23060-27900~904</b> <b>23060-27920~924</b>	
<b>G4AJ(SOHC)</b> 1986/1~1994/12 G4×1468CC · 75.50×82.00 EXCEL  <b>G4DJ</b> 1990/1~ G4×1468CC · 75.50×82.00 EXCEL SCOUPE	<b>M3101A</b>	63-119-1	4	1,2,4,5	47.98	52.02	1.990	19.13	<b>21020-2112</b> <b>21020-2102</b>	
		63-119-2	4	1,2,4,5	47.98	52.02	1.990	19.13		
		63-119-(3)	2	3	47.98	52.02	1.990	23.95		
	<b>R3101A</b>	64-119-1	8	1~4	41.98	45.02	1.493	17.63	<b>23060-2112</b> <b>23060-2102</b>	
<b>G4CN 16V DOHC</b> 1992/1~1995/8 G4×1836CC · 81.5×88 LANTRA  <b>G4CP 16V DOHC</b> 1994/1~1996/12 G4×1997CC · 85×88 SONATA  <b>G4CS EFI OHC</b> 1989/1~1992/1 G4×2350CC · 86.5×100 SONATA	<b>M3102A</b>	63-111-1	4	1,2,4,5	56.98	61.02	1.990	23.10	<b>21020-32830</b> <b>21020-32884</b>	
		63-111-(2)	2	3	56.98	61.02	1.990	28.95		
		63-111-3	4	1,2,4,5	56.98	61.02	1.990	23.13		
	<b>R3102A</b>	64-111-1	8	1~4	44.98	48.02	1.493	23.60	<b>23060-33030</b> <b>23060-32030</b> <b>23060-32034</b> <b>23060-32134</b>	
	<b>ALPHA</b> 2000/7~ G4×1495CC · 75.50×83.50 CLICK CAT ACCENT VERNA AVENTE AVENTE XD LAVITA ELANTRA CERATO 1.5,1.6 NEW PRIDE 1.4,1.6  <b>G4EK</b> 1994/1~ G4×1495CC · 75.50×83.50 ACCENT	<b>M3105A</b>	63-3105-1	4	1,2,4,5	49.98	54.02	2.010	18.10	<b>21020-22100~140</b> <b>21020-22200~240</b> <b>21020-22541</b> <b>21020-22952~56</b> <b>21020-22960</b> <b>21020-26200~240</b> <b>21020-26300~340</b> <b>21020-26640</b> <b>21020-26961~63</b> <b>21020-26971</b>
			63-3105-2	4	1,2,4,5	49.98	54.02	2.010	18.10	
63-3105-(3)			1	3	49.98	54.02	2.010	22.90		
63-3105-(4)			1	3	49.98	54.02	2.010	22.90		
<b>R3105A</b>		64-3105-1	8	1~4	44.98	48.02	1.510	19.10	<b>23060-22700~740</b> <b>23060-22952</b> <b>23060-22953</b> <b>23060-22960</b>	
									<b>23060-26200~240</b> <b>23060-26961~63</b> <b>23060-26971</b>	

# KOREAN VEHICLES

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>G4HC</b> 1997~ G4×798CC G4×999CC ATOZ,ATOS	<b>M3106A</b>	63-3106-1	5	1~5	41.99	46.02	2.000	16.10	<b>21020-02540</b>	
		63-3106-2	5	1~5	41.99	46.02	2.000	16.10		
	<b>R3106A</b>	64-3106-1	8	1~6	37.99	41.02	1.500	14.10	<b>23060-02500</b>	
<b>D4AK, D4AE D4AL, D4D</b> 1986/11~ D4×3568CC H250,H350,MIGHTY2	<b>M3103H</b>	63-121-1	5	1~5	77.93	82.02	2.007	27.13	<b>21020-45020 21020-41010</b>	
		63-117-2	5	1~5	77.93	82.02	2.007	27.13		
	<b>R3103H</b>	64-108-1	4	1~4	59.95	64.02	2.000	33.13	<b>23060-41010</b>	
		64-121-2	4	1~4	59.95	64.02	2.000	33.13		
<b>D4BH</b> 1997~ D4×2665CC TERRACAN	<b>M3003A</b>	63-3003-1	6	1~5	70.00	74.09	2.008	27.13	<b>21020-4X900</b>	
		63-3003-2	4	1~5	70.00	74.09	2.008	27.13		
	<b>R3003A</b>	64-3003-1	8	1~4	57.01	60.85	1.836	27.65	<b>23060-4X900</b>	
		65-3003-1	2	3	—	—	2.325	—		<b>21030-4X900</b>
			65-3003-2	2	3	—	—	2.325		

<b>ASIA</b> <b>CD800</b> JADE 3×796CC TOWNER	<b>M3201A</b>	63-255-1	4	1~4	41.98	46.02	1.990	19.50	<b>A 100 11 353A S</b>
		63-277-2	4	1~4	41.98	46.02	1.990	19.50	
<b>DAEWOO</b> <b>E-TEC</b> 2002~ G4×1598CC AVEO -T200	<b>M3302A</b>	63-3302-1	8	1,2,4,5	54.97	59.02	1.988	19.20	<b>93742705</b>
		63-3302-(2)	2	3	54.97	59.02	1.990	25.90	
	<b>R3302A</b>	64-3302-1	8	1~4	42.97	46.02	1.490	16.50	<b>93742707</b>
<b>F8C</b> G3×796CC TICO	<b>M3301A R</b>	65-658-1	8	1~4	43.98	48.02	1.990	17.13	<b>12300-61810-0A0 12341-60D00</b>
<b>G15MF</b> 1994~97 G4×1598CC CIELO NEXIA	<b>M3302A</b>	63-3302-1	8	1,2,4,5	54.97	59.02	1.988	19.20	<b>93742286</b>
		63-3302-(2)	2	3	54.97	59.02	1.990	25.90	
	<b>R3302A</b>	64-3302-1	8	8	42.97	46.02	1.490	16.50	<b>93742277</b>
<b>S-TEC</b> 1991~ G4×796CC,996CC,1150CC DAEWOO TICO/FINO ★ DAEWOO MATIZ/KALOS	<b>M3501A R3501A</b>	63-658-1	10	1~5	43.98	48.02	1.990	17.13	<b>96659176 96659184</b>
		64-3501-1	8	1~4	37.98	41.02	1.490	18.10	



## KOREAN VEHICLES

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>KIA</b> <b>B3(K12H)</b> 1993~ G4×1323CC · 71×83.6 PRIDE	<b>M3001A</b>	63-317-1	5	1~5	49.94	54.02	2.010	17.50	<b>KK1Y0-11-SG0</b>
		36-317-2	5	1~5	49.94	54.02	2.010	17.50	
	<b>R3001A</b>	64-313-1	8	1~4	39.94	43.02	1.510	17.13	<b>KK1Y0-11-SE0</b>
	<b>T3001A</b>	65-317-1	2	4	—	—	2.550	—	<b>KK1Y0-11-SJ0</b>
<b>HW</b> D4×2209CC BESTA DIESEL	<b>M3004A</b>	63-316-1	8	1,2,4,5	59.94	64.02	2.007	19.13	<b>OK7Y0-11-SG0</b>
		63-316-2	2	3	59.94	64.02	2.007	21.13	
<b>R3004A</b>	64-336-1	8	1~4	50.94	54.02	1.509	21.13	<b>OK7Y0-11-SE0</b>	
<b>J2</b>  D4×2665CC PREGIO	<b>M3003A</b>	63-3003-1	6	1~5	70.00	74.09	2.008	27.13	<b>OK6Z2-11-SG0</b>
		63-3003-2	4	1~5	70.00	74.09	2.008	27.13	
	<b>R3003A</b>	64-3003-1	8	1~4	57.01	60.85	1.836	27.65	<b>OK6Z1-11-SE0</b>
	<b>T3003A</b>	65-3003-1	2	3	—	—	2.325	—	<b>006Y0-11-SJ0</b>
65-3003-2		2	3	—	—	2.325	—		
<b>J2</b>  D4×2957CC PREGIO FRONTIER	<b>M3003A</b>	63-3003-1	6	1~5	70.00	74.09	2.008	27.13	<b>OK6Z2-11-SG0</b>
		63-3003-2	4	1~5	70.00	74.09	2.008	27.13	
	<b>R3002A</b>	64-3002-1	8	1~4	57.01	60.85	1.838	26.70	<b>0VNY1-11-SE0</b>
	<b>T3003A</b>	65-3003-1	2	3	—	—	2.325	—	<b>006Y0-11-SJ0</b>
65-3003-2		2	3	—	—	2.325	—		
<b>JED</b>  GV6×2954CC · 90×77.4 POTENTIA	<b>M3005A</b>	63-328-1	4	1~4	61.94	66.02	2.012	18.13	<b>0JFY0-11-SG0</b> <b>0JFY0-11-SH0</b>
		63-328-2	4	1~4	61.94	66.02	2.012	18.13	
	<b>R3005A</b>	64-328-1	12	1~6	52.94	56.02	1.511	17.03	<b>0JFY0-11-SE0</b> <b>0JFY0-11-SF0</b>

# KOREAN VEHICLES

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

## OTHERS

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>VN(RFA)</b> 1992~ D4×2662CC HI-BESTA	<b>M3002A</b>	63-3002-1	5	1~5	75.00	80.09	2.508	27.30	<b>OVNY1-11-SG0</b>
		63-3002-2	5	1~5	75.00	80.09	2.508	27.30	
	<b>R3002A</b>	64-3002-1	8	1~4	57.01	60.85	1.838	26.70	<b>OVNY-11-SE0</b>
<b>PROTON</b> <b>S4PE</b> 2004~ G4×1332CC · 76×73.4 GEN-2 2006~ SECOND GENERATION <b>S4PH</b> 2004~ G4×1598CC · 76×88 GEN-2 2006~ WAJA SECOND GENERATION 2007~ PERSONA	<b>R4001A</b>	64-4001-1	8	1~4	45.99	49.01	1.490	15.60	<b>PW812191</b> <b>PW811021</b>
<b>GM</b> <b>S-TEC</b> 1991~ G4×796CC,996CC,1150CC CHEVROLET BEAT/SPARK CHEVROLET AVEO/SAIL★	<b>M3501A</b>	63-658-1	10	1~5	43.98	48.02	1.990	17.13	<b>96659176</b>
	<b>R3501A</b>	64-3501-1	8	1~4	37.98	41.02	1.490	18.10	<b>96659184</b>

# OTHERS

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSI- TION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

## SET PACKAGES (TOYOTA)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>1E</b> 1985~ G4×999CC · 70.5×64  <b>2E</b> 1985~ G4×1295CC · 73×77.4 STARLET -EP71 TERCEL -EL80  <b>4E</b> 1991~ G4×1331CC · 74×77.4 STARLET -EP82,85 TERCEL -EL41	SMR025A	63-025-1	5	1~5	46.99	51.04	1.999	16.10	<b>11701-10012</b> <b>11701-10011</b> <b>11701-10010</b>  <b>13041-10020</b>	
		63-025-2	5	1~5	46.99	51.04	1.999	16.10		
		64-025-1	8	1~4	39.99	43.02	1.491	15.10		
<b>2L-T</b> 1988~ D4×2446CC · 92×92 HIACE -LH80,90 HILUX -LN85  <b>3L</b> 1988~ D4×2779CC · 96×96 TOYOACE -LY61 HILUX -LN107  <b>5L</b> D4×2985CC · 99.5×96.0 HILUX HIACE	SMR042A	63-037-1	5	1~5	61.99	66.02	1.983	27.60	<b>11701-54081</b> <b>11701-54080</b> <b>11701-54061</b> <b>11701-54060</b>  <b>13041-54042</b> <b>13041-54041</b> <b>13041-54040</b>	
		63-042-2	5	1~5	61.99	66.02	1.983	27.60		
		64-039-1	8	1~4	54.98	58.02	1.485	26.00		
<b>12R</b> 1971~85 G4×1587CC · 80.5×78 CORONA -RT69,87,91,106 HILUX -RN13,16,20,25 30,33,40,43  CRESSIDA-RT69 TOWNACE-RR10,11,20,21 TOYOACE -RY10,12,14 HIACE -RH10,13,16,24 30,40  (DAIHATSU) TAFTO -F20 DELTA -SV17	SMR016A	63-016-1	2	1	57.98	61.62	1.791	30.00	<b>11702-31020</b> <b>11702-31011</b>  <b>13202-31020</b> <b>13202-31011</b> <b>13202-31010</b>	
		63-016-2	2	2	57.98	61.62	1.791	34.00		
		63-016-3	2	3	57.98	61.62	1.791	40.00		
		64-016-1	8	1~4	49.97	53.02	1.492	27.00		
<b>1RZ</b> 1989~ G4×1988CC · 86×86 HIACE -RZH124 HILUX -RZN147  <b>2RZ</b> 1989~ G4×2438CC · 95×86 HIACE -RZH101	★ SMR703A	63-703-1	2	1, 5	59.99	64.02	1.990	25.10	<b>11701-75022</b> <b>11701-75021</b> <b>11071-75021</b> <b>11701-75020</b> <b>11701-75010</b>  <b>13041-75010</b>	
		63-703-2	2	1, 5	59.99	64.02	1.990	25.10		
		63-703-3	3	2~4	59.99	64.02	1.990	23.10		
		63-703-4	3	2~4	59.99	64.02	1.990	23.10		
		64-703-1	8	1~4	52.99	56.02	1.485	19.80		

## SET PACKAGES (TOYOTA)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>Y</b> 1983~ G4×1626CC · 86×70 LITEACE -YM20,25 TOWNACE -YM25,26	<b>SMR041A</b>	63-041-1	5	1~5	57.99	62.02	1.990	20.93	<b>11701-71020</b> <b>11701-76013</b>
		63-041-2	5	1~5	57.99	62.02	1.990	20.93	
		64-041-1	8	1~4	47.99	51.02	1.490	19.90	<b>13041-71021</b> <b>13041-71020</b>
<b>2Y</b> 1983~ G4×1812CC · 86×78 LITEACE -YM55,60 CRESSIDA-YX76									
<b>3Y</b> 1983~ G4×1998CC · 86×86 HILUX -YN60									
<b>4Y</b> 1989~ G4×2237CC · 91×86 HILUX -YN60,63									

## SET PACKAGES (MITSUBISHI)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.			
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)				
<b>4G13</b> 1988~ G4×1298CC · 71×82 MIRAGE -D51,61  <b>4G15</b> 1987~97 G4×1468CC · 75.5×82 MIRAGE -C52,62,72 LANCER -C62,72	SMR119A	63-119-1	4	1,2,4,5	47.98	52.02	1.990	19.13	<b>MD147999</b> <b>MD030126</b> <b>MD030573</b>  <b>MD143090</b>			
		63-119-2	4	1,2,4,5	47.98	52.02	1.990	19.13				
		63-119-(3)	2	3	47.98	52.02	1.990	23.95				
		64-130-1 (AFTER '88)	8	1~4	41.98	45.02	1.493	15.60				
<b>4G51</b> 1973~77 G4×1855CC · 81×90 GALANT -A114,122  <b>4G52</b> 1973~78 G4×1995CC · 84×90 GALANT -A57,115,123 CANTER -T206,214,216 JEEP -J53,58 FORKLIFT -FG25.20  <b>4G53</b> 1973~78 G4×2384CC · 88×98 CANTER -T205,207,215 ROSA -B207,217 JEEP -J26,38,46,56 FORKLIFT -FG30  <b>G52B</b> 1977~78 G4×1995CC · 84×90 GALANT -A133 JEEP -J59	SMR113A	63-113-1	4	1,2,4,5	65.98	70.02	1.990	25.13	<b>MD050360</b> <b>MD026445</b> <b>MD020381</b>  <b>MD026430</b> <b>MD024856</b> <b>MD050365</b> <b>MD153622</b>			
		63-113-(2)	2	3	65.98	70.02	1.990	30.95				
		63-113-3	4	1,2,4,5	65.98	70.02	1.990	25.13				
		64-113-1	8	1~4	52.98	56.02	1.493	25.13				
		<b>4G63</b> 1992~97 G4×1997CC · 85×88 ECLIPSE -D22 CHARIOT -N33 RVR -N23  <b>4G64</b> 1995~97 G4×2350CC · 86.5×100	SMR136A	63-136-1	4	1,2,4,5	56.98	61.02		1.990	20.63	<b>MD327493~7</b> <b>MD195906~10</b>  <b>MD327503~05</b> <b>MD195939~41</b> <b>MD195936~38</b>
				63-136-2	4	1,2,4,5	56.98	61.02		1.990	20.63	
				63-136-(3)	2	3	56.98	61.02		1.990	25.45	
				64-136-1	8	1~4	44.98	48.02		1.490	21.23	



# SET PACKAGES (MITSUBISHI FUSO)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.	
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)		
<b>4D30</b> 1982~86 D4×3298CC · 100×105 CANTER -FE101,111,121 211,221,321 421 ROSA -BE201,211  <b>4D31, 4D31-T</b> 1982~88 D4×3298CC · 100×105 CANTER -FE114,134,214 224,234,434 ROSA -BH214  <b>4D32</b> 1985~88 D4×3567CC · 104×105 CANTER -FE305,315,325 335,425,445 465 -FG335,435 ROSA -BE435	SMR121H	63-121-1	5	1~5	77.93	82.02	2.007	27.13	<b>ME999384</b>	
		63-117-2	5	1~5	77.93	82.02	2.007	27.13		
		64-108-1	4	1~4	59.95	64.02	2.000	33.13	<b>ME999250</b> <b>ME999654</b> <b>ME012205</b>	
		64-121-2 (WITH HOLE)	4	1~4	59.95	64.02	2.000	33.13		

## SET PACKAGES (MAZDA)

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	
<b>F6 (626)</b> 1982~87 G4×1587CC · 81×77 CAPELLA -GC6P	<b>SMR315A</b>	63-315-1	9	1~5	59.94	64.02	2.007	19.13	<b>F801-23-251</b> <b>FE30-23-151</b>  <b>F801-23-105</b>
		63-315-(2)	1	3	59.94	64.02	2.007	27.99	
		64-336-1	8	1~4	50.94	54.02	1.509	21.13	
<b>F8 (626)</b> 1982~87 G4×1789CC · 86×77 CAPELLA -GC8P,GC8J BONGO -SR89V									
<b>FE</b> 1983~87 G4×1998CC · 86×86 CAPELLA -GCEP BONGO -SREAV,SDEAT COSMO -HBES LUCE -HBEP									

# SET PACKAGES

MODEL · YEAR NOS.OF CYL × CYL CAPACITY · BORE × STROKE CAR NAME - MODEL	TAIHO SET NO	TAIHO PART NO	UNIT PER SET	POSITION	DIMENSION(mm) AT STD SIZE				REF. NO.
					SHAFT DIA (MIN)	HOUSING DIA (MAX)	WALL THICKNESS (MAX)	LENGTH (MAX)	

## Discrimination List for Piston Pin Bushing

MAKER	ENGINE MODEL	Finished Type	Unfinished Type	MAKER	ENGINE MODEL	Finished Type	Unfinished Type	
<b>TOYOTA</b>	3R	P001H-STD		<b>MITSUBISHI FUSO</b>	6DC,8DC	P107H-STD		
	K,2K,3K	P002H-STD	P002HS-STD		4DR5	P109H-STD		
	12R	P003H-STD	P003HS-STD		6DR5	P110H-STD		
	3P 4P	P004H-STD			6D10,6D11	P112H-STD		
	M	P005H-STD			6DC,8DC	P114H-STD		
	18R,21R,22R	P010H-STD	P010HS-STD		4D30	P117H-STD	P117HS-STD	
	5R	P012H-STD	P012HS-STD		4D30	P121H-STD	P121HS-STD	
	2H	P015H-STD	P015HS-STD		4D33,34,34-T	P122H-STD		
	1G	P021H-STD			8DC9,8DC90	P124H-STD		
	13B	P028H-STD	P028HS-STD		8DG2	P125H-STD		
	2D	P030H-STD			<b>ISUZU</b>	DA120	P154H-STD	
	D	P030P-STD				C220(OLD)	P157H-STD	
	J	P032H-STD	P032HS-STD	C190		P160H-STD	P160HS-STD	
	H	P034H-STD	P034HS-STD	DA220		P164H-STD		
	B,2B	P035H-STD	P035HS-STD	DH100		P166H-STD		
	3L	P037H-STD	P037HS-STD	E120		P167H-STD		
	1C,2C( ~ '85)	P038H-STD	P038HS-STD	4BB1,4BG2,4BD1		P168H-STD	P168HS-STD	
	2L-T( ~ '88)	P039H-STD	P039HS-STD	D500		P169H-STD		
	3B	P040H-STD	P040HS-STD	4BA1		P170H-STD		
	L,2L(NEW)	P042H-STD	P042HS-STD	G130		P171H-STD		
	4A	P043H-STD		6BB1		P173H-STD	P173HS-STD	
	3F	P044H-STD	P044HS-STD	4AF1		P176H-STD		
	1C,2C('85 ~ )	P045H-STD	P045HS-STD	4BA1		P177H-STD		
	1N	P046H-STD		10PA1		P179H-STD		
	1G-E	P047H-STD		4JA1,4JB1		P184H-STD	P184H1S-STD	
	14B	P048H-STD	P048HS-STD	4JG2		P185H-STD	P185HS-STD	
	12H-T	P049H-STD		6SA1		P186H-STD		
	1JZ,2JZ	P702H-STD		4EC1	P187H-STD			
	1RZ	P703H-STD		4HF1	P801H-STD			
	3VZ-FE	P704H-STD		4HE1-T,4HK1	P808H-STD			
	1PZ	P706H-STD	P706HS-STD	<b>HINO</b>	DM100	P202H-STD		
	1HZ	P707H-STD	P707HS-STD		EC100	P205H-STD		
	1FZ-FE	P708H-STD			EH700	P208H1-STD		
1HD-T	P709H-STD	P709HS-STD	EF700		P210H-STD			
3S-FE	P710H-STD		EM100		P215H-STD			
1DZ	P713H-STD		EP100		P222H-STD			
1KZ	P720H-STD		W04D		P216H-STD			
1Z	P721H-STD		W06D		P217H-STD			
11Z	P722H-STD		P11C		P227H-STD			
			<b>DAIHATSU</b>		DG	P275H1-STD		
				DL	P276H-STD	P276HS-STD		
<b>NISSAN</b>	H20	P052H-STD	P052HS-STD	<b>MAZDA</b>	PB	P303H-STD		
	LD20	P054H-STD			NA	P304H-STD	P304HS-STD	
	YD22,25	P1050H-STD	P1050HS-STD		HA('80 ~ ),MA	P312H-STD	P312HS-STD	
	QR20,25	P1052H-STD	P1052HS-STD		S2		P314H-STD	
<b>NISSAN DIESEL</b>	RD8	P063H-STD			SL	P318H-STD	P318HS-STD	
	RD10	P064H-STD			HA( ~ '80)	P319H-STD	P319HS-STD	
	ND6,FE6,NE6	P067H-STD			ZB	P320H-STD	P320HS-STD	
	PD6.PE6	P076H-STD			PN	P324H-STD		
	SD20( ~ '80)	P080H-STD	P080HS-STD	R2 RF	P336H-STD	P316H-STD		
	SD33	P081H-STD	P081HS-STD	<b>KOMATSU</b>	4D120-15	P401H-STD		
	SD20	P085H-STD	P085HS-STD		4D92	P403H-STD		
	TD23,25,27	P087H1-STD	P087HS-STD		4D105	P404H-STD		
TD42	P096H1-STD	P096HS-STD	6D105		P405H-STD			
<b>MITSUBISHI</b>	4G41	P103H-STD			4D95	P408H-STD		
	4D55,4D56		P113H-STD		6D95	P409H-STD		
	S4K,S6K	P131H-STD			4D94E	P412H-STD		
	4M40	P133H-STD			SAAGD102E,SAAGD107E	P420H-STD		
			<b>SUZUKI</b>	F5A		P652H-STD		
				Y64	P654H-STD	P652H-STD		
				F8A,F10A	P659H-STD	P651H-STD		

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
A401H			○							
B111A	MI	4G30, 4G31, 4G32, 4G33, 4G35, 4G36, 4G37, G31B, G32B, G33B, G37B	○							
B113A	MI	4D55, D56, G52B, 4G52, 4G53, G54B, 4G54	○	○	○	○				
B133A	MI	4M40	○							
B255A	DA	AB10, AB20, AB30, AB31, AB35, AB40, AB50, AB51, AB55, AD	○		○	○				
B256A	DA	CB10, CB12, CB22, CB23, CB33, CB36, CB37, CB41, CB50-T, CL10, CL50-T, CL70-T	○		○	○				
B724A	TO	2AZ	○							
C001L	TO	3R, 5R	○	○	○					
C002L	TO	K(White type)	○	○	○	○				
C002L1	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K	○	○	○	○				
C003L	TO	12R	○	○	○	○				
C004L	TO	3P, 4P	○	○	○					
C009L	TO	M, 2M, 4M, 16R, 16R-U, 18R, 18R-G, 18R-U, 19R, 21R	○	○	○					
C012L	TO	5R	○	○	○					
C018L	TO	T, 2T, 2T-G, 3T, 12T, 13T	○	○	○					
C028L	TO	B, 3B, 11B, 13B, 13B-T, 14B-T	○	○	○					
C030L	TO	2D	○		○	○				
C030P	TO	D, 2D	○							
C031A	TO	3F	○	○	○	○				
C031L	TO	F, 2F	○	○	○	○	○	○		
C032L	TO	H, 2H, J, 2J	○	○	○					
C032L1	TO	2J, 5P	○	○	○					
C034A	TO	2H, 12H-T	○	○	○					
C035L	TO	B, 2B, 3B	○	○	○					
C037A	TO	L, 2L, 2L-T	○	○	○	○				
C040L	TO	B, 3B, 11B, 13B, 13B-T	○	○	○					
C041A	TO	1Y, 2Y, 3Y, 4Y	○	○	○					
C042A	TO	L, 2L, 2L-T, 3L('88 ~ ), 5L	○	○	○					
C048L	TO	B, 3B, 13B-T, 14B, 14B-T, 15B	○	○	○					
C051L	NI	J13, J15(E20), J16(E20), J18, J	○	○	○	○				
C052L	NI	H20, U20	○	○	○					
C060L	NI	A10, A12, A13, A14(140A, 140J), A15(150Y)	○	○	○					
C072L	NI	P, P40, PF, PF40	○	○	○					
C081L	ND	SD33, SD33-T	○	○	○					
C087A	ND	TD23, TD25, TD27	○	○	○					
C109L	MF	4DR5, 4DR50, 4DR51, 4DR52	○	○	○					
C110L	MF	6DR5, 6DR50	○	○	○					
C115H	MF	6D21	○	○	○					
C117L	MF	4D30	○	○	○					
C129A	MF	6D14, 6D15	○							
C131L	MI	S4K	○							
C132L	MI	S6K	○							
C153L	IS	C221	○	○	○					
C155A	IS	DA120, DA640, DA640PN, DA640PP, DA640PR, DA640PT, GD150, GD150F	○							
C156A	IS	DH100, DH100H, DH100-T	○							
C157L	IS	C220, DL201	○	○	○					
C160L1	IS	C190, C223, C223-T, C240, G201	○	○	○	○				
C168L	IS	4BA1, 4BB1, C330	○	○	○	○				
C171L	IS	G130, G150, G160(OHV), G161(OHV)	○	○	○					
C172L	IS	G161(OHC), G161W, G180S, G180W, G200W	○							

TO:TOYOTA NI:NISSAN MI:MITSUBISHI MF:MITSUBISHI FUSO IS:ISUZU HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL  
 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
C173L	IS	6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T, D500	○	○	○	○				
C176L	IS	4FA1, 4FA1-T, 4FB1, 4FB1-T, 4FC1, 4FD1, 4FE1, 4FE1-T, 4FG1	○	○	○					
C177L	IS	4BA1, 4BG1, C330	○	○	○	○				
C179A	IS	8PA1, 10PA1, 8PB1, 8PB1-T, 10PB1, 10PB1-T, 8PC1, 8PC1-T	○							
C180A	IS	10PC1	○							
C184A1	IS	4JA1, 4JB1, 4JB1-T, 4JC1, 4JD1	○	○	○	○				
C188A	IS	6QA1, 6QB1, 6RA1, 6RB1	○							
C196A	IS	12PA1, 12PB1, 12PB1-T	○							
C197A	IS	12PC1	○							
C202L	HI	DM100, DQ100	○	○	○					
C205L	HI	EC100, EH100, EH300	○	○	○					
C208A	HI	EH700	○	○	○					
C214A	HI	EK100, K13C	○							
C215A	HI	EM100	○	○	○					
C216L	HI	W04D, W04DT	○	○	○					
C217L	HI	W06D, W06D-T, W06E	○	○	○					
C218A	HI	EH700, H07C	○	○	○					
C220A	HI	J08C	○	○	○					
C224A	HI	H07C	○	○	○					
C276A	DA	DG, DL, DL-T	○	○	○	○				
C304L	MA	MA, NA, UB, VB, VC	○	○	○	○				
C404H	KO	S4D105-5, 4D105-5	○	○	○					
C405H	KO	SA6D110-T, S6D105-1, 6D105-T	○	○	○					
C408H	KO	4D95L, 4D95S	○	○	○					
C409H	KO	6D95L	○	○	○					
C417H	KO	S6D108	○	○	○					
C420A	KO	SAA6D107E	○	○	○					
C421A	KO	SAA6D102E	○	○	○					
C664A	SZ	M13A, M15A, M16A, M18A	○							
C706A	TO	1HD-T, 1HZ, 1PZ	○							
C709A	TO	1HD-FT	○							
C713A	TO	1DZ	○	○	○					
C719A	TO	1Z	○	○	○					
C721A	TO	1Z	○	○	○					
C722A	TO	11Z	○	○	○					
C724A	TO	1AZ, 2AZ	○							
C734A	TO	1ZR-FE, 2ZR-FE	○							
C801A	IS	4HF1	○	○	○					
C803H	IS	6HK, 6HE1-T	○	○	○					
C804A	IS	4HG1	○	○	○					
C903H	MF	6D31	○	○	○					
M001H	TO	3R, 5R	○		○	○	○	○		
M002A	TO	K, 3K, 3K-J, 3K-U, 4K	○		○	○	○	○	○	○
M004H	TO	3P, 4P	○		○	○	○	○		
M005H	TO	M, 3M, 4M, 4M-E, 5M, 5M-E, 5M-GEU, 6M	○		○	○	○	○	○	○
M008H	TO	M, 5M-G, 6M-G, 7M-G	○		○	○	○	○		
M009H	TO	16R, 16R-U, 18R, 18R-GEU, 18R-GU, 18R-U	○		○	○	○	○		
M010H	TO	16R, 18R, 18R-G, 19R	○		○	○	○	○		
M011H	TO	20R, 21R, 22R	○		○	○	○	○		
M012H	TO	5R	○		○	○	○	○	○	○
M016H	TO	12R	○		○	○	○	○	○	○
M018H	TO	T, 2T, 2T-G	○		○	○	○	○		

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE								
			STD	0125	025	050	075	100	125	150	
M019H	TO	T, 2T, 2T-G, 3T, 3T-G, 12T, 13T	○		○	○	○	○	○	○	○
M020H	TO	22R	○		○	○	○	○	○	○	○
M021A	TO	1G-E, 1G-G, 1G-GT	○		○	○	○	○			
M022A	TO	1A, 2A, 3A, 4A	○		○	○	○	○			
M023A	TO	5R	○		○	○	○	○	○	○	○
M024A	TO	1S, 2S, 3S-FE, 3S-E, 5S-FE	○		○	○	○	○			
M025A	TO	1E, 2E, 4E	○		○	○	○	○			
M026A	TO	2K, 3K, 4K, 5K, 7K	○		○	○	○	○	○	○	○
M027A1	TO	3E, 5E	○		○	○	○	○			
M029H	TO	1VZ-FE, 2VZ-FE, 3VZ-FE, 4VZ-FE	○		○	○	○	○			
M030H	TO	D, 2D	○		○	○	○	○			
M031A	TO	F	○		○	○	○	○	○	○	○
M032A	TO	2J, 5P, J	○		○	○	○	○			
M034A	TO	H, 2H, 12H-T	○		○	○	○	○			
M035A	TO	B, 2B, 3B	○		○	○	○	○			
M036A	TO	F, 2F	○		○	○	○	○	○	○	○
M037A	TO	L, 2L	○		○	○	○	○	○	○	○
M038A	TO	1C, 1C-T, 2C	○		○	○	○	○			
M039A	TO	2L, 2L-T	○		○	○	○	○	○	○	○
M040A	TO	B, 3B, 11B, 13B, 13B-T, 14B, 14B-T, 15B	○		○	○	○	○			
M041A	TO	1Y, 2Y, 3Y, 4Y	○		○	○	○	○	○	○	○
M042A1	TO	L, 2L, 2L-T, 3L, 5L	○		○	○	○	○	○	○	○
M043A	TO	2A, 3A, 4A, 4A-GE, 4A-GZE, 5A, 5A-FE, 7A-FE	○		○	○	○	○			
M044A	TO	3F	○		○	○	○	○	○	○	○
M045A	TO	1C, 2C	○		○	○	○	○			
M046A	TO	1N, 1N-T	○		○	○	○	○			
M047A	TO	1G-E, 1G-FE	○		○	○	○	○			
M051H	NI	J	○		○	○	○	○			
M053H1	NI	H20, U20	○		○	○	○	○	○	○	○
M054H	NI	L13, L14, L16, Z16, L18, Z18	○		○	○	○	○	○	○	○
M055H	NI	D11, D12	○		○	○	○	○			
M057H	NI	L20, L20A, L20E, L24, L26, L28, LD28	○		○	○	○	○	○	○	○
M058H	NI	H30	○		○	○	○	○			
M059H	NI	J15, J16, J18, L13	○		○	○	○	○	○	○	○
M060H	NI	A12, A13, A14, A15	○		○	○	○	○			
M061H	NI	A10	○		○	○	○	○			
M062H	ND	ED30, ED304	○		○	○	○	○			
M063H1	ND	RD8, RD8-T	○		○	○	○	○			
M064H1	ND	RD10, RD10-T	○		○	○	○	○			
M065H1	ND	ED6, FD6, FD6-T	○		○	○	○	○			
M066H2	NI	L20B, LD20, LD20T, Z20, Z22, Z24, Z20E	○		○	○	○	○			
M067H1	ND	ND6, ND604, NDT04, NE6, NE604, NET064	○		○	○	○	○			
M068H	NI	E10, E13, E15, E15E, E16	○		○	○	○	○			
M069H1	NI	LD20('83 ~ )	○		○	○	○	○			
M070A	NI	NA20	○		○	○	○	○			
M071H	NI	G16, G18, G20	○		○	○	○	○			
M072H	NI	P, PF	○		○	○	○	○			
M073H1	NI	P40, PF40	○		○	○	○	○			
M074A	NI	TB42	○		○	○	○	○			
M076H1	ND	PD6, PD064, PD6T04, PE6, PE604, PE6T04	○		○	○	○	○			
M080H2	ND	SD20, SD22	○		○	○	○	○			
M081H2	ND	SD33, SD33-T	○		○	○	○	○			
M082H	ND	ED33, ED33-T, FD33, FD33-T, FD35, FD35-T	○		○	○	○	○			
M083H	NI	CA16, CA18, CA20, CD17	○		○	○	○	○			

TO:TOYOTA NI:NISSAN MI:MITSUBISHI MF:MITSUBISHI FUSO IS:ISUZU HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL  
 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M084H1	NI	KA24	○		○	○	○	○		
M085H	ND	SD20, SD22, SD23, SD25	○		○	○	○	○		
M087H	ND	BD30, TD23, TD25, TD27	○		○	○	○	○		
M088H	NI	VG30E, VE33E	○		○	○	○	○		
M090H1	ND	RE8, RE8-T	○		○	○	○	○		
M091H1	ND	RD10, RD10-T, RE10	○		○	○	○	○		
M092H	ND	FE6, FE6-T	○		○	○	○	○		
M093A	NI	MA9, MA10, MA10ET, MA10S	○		○	○	○	○		
M094A	NI	GA13, GA14, GA15, GA16	○		○	○	○	○		
M095A	NI	CD17, CD20	○		○	○	○	○		
M096H	ND	TD42	○		○	○	○	○		
M097A	NI	RD28, RD28-T	○		○	○	○	○		
M098H	NI	SR18, SR20	○		○	○	○	○		
M099H	NI	VQ20, VQ25, VQ30, VQ35	○		○	○	○	○		
M103H	MI	4G41, 4G42, KE43, KE44, KE46	○		○	○	○	○	○	○
M106H	MF	6BD10, 6DB1	○		○	○	○	○		
M107H2	MF	8DC7, 8DC8, 8DC70, 8DC80	○		○	○	○	○		
M108H3	MF	6DS1	○		○	○	○	○		
M109H	MF	4DR5, 4DR6-T, 4DR7, 4DR50, 4DR51, 4DR52	○		○	○	○	○	○	○
M110H	MF	6DR5, 6DR50	○		○	○	○	○		
M111A2	MI	4D65, 4D65T, G31B, G32B, G33B, G37B, G62B, G63B, G64, 4G30, 4G31, 4G32, 4G33, 4G35, 4G36, 4G37, 4G62, 4G63, 4G64	○		○	○	○	○	○	○
M112H2	MF	6D10, 6D11, 6D14, 6D14-T, 6D15, 6D15-T, 6D16	○		○	○	○	○		
M113A3	MI	4D55, 4D56, 4G51, 4G51B, 4G52, 4G52B, 4G53, 4G54	○		○	○	○	○	○	○
M115H	MF	6D20, 6D21, 6D22, 6D22-T, 6D23, 6D22A	○		○	○	○	○		
M116H	MF	4DQ3, 4DQ3-T, 4DQ5, 4DQ11, 4DQ50	○		○	○	○	○		
M117H1	MF	4D30	○		○	○	○	○		
M118A1	MI	4G52, 4G52B, 4G53, 4G54, 4G54B	○		○	○	○	○		
M119A	MI	G11B, G12B, G13B, G15B, 4G11, 4G12, 4G13, 4G15	○		○	○	○	○		
M120A	MI	G23B, 2G25	○		○	○	○	○		
M121H	MF	4D30, 4D31, 4D31-T, 4D32, 4D33, 4D34, 4D34-T	○		○	○	○	○		
M123A1	MI	6G71, 6G72	○		○	○	○	○		
M127A	MI	3G81, 3G82, 3G83	○		○	○	○	○		
M132H	MF	6D31, 6D31-T	○		○	○	○	○		
M133H	MI	4M40, 4M41	○		○	○	○	○		
M135A	MI	4G91, 4G92, 4G93	○		○	○	○	○		
M136A	MI	4G63	○		○	○	○	○		
M137H	MI	4D68	○		○	○	○	○		
M138H	MI	6G74	○		○	○	○	○		
M139A	MI	4G63(NEW)	○		○	○	○	○		
M140A	MI	4D56	○		○	○	○	○	○	○
M141A	MI	4D55, 4D56, 4G51, 4G51B, 4G52, 4G52B, 4G53, 4G54			○	○	○	○	○	○
M142A	MI	6A12	○		○	○	○	○		
M144H	MF	4M50-T, 4M51	○		○	○	○	○		
M146H	MF	6D16, 6D16-T, 6D17, 6M60-T, 6M61	○		○	○	○	○		
M151H	IS	DA640PN, DA640PR, DA640-T	○		○	○	○	○		
M152H1	IS	G201	○		○	○	○	○		
M153H1	IS	C190( ~ '83)	○		○	○	○	○	○	○
M154H	IS	DA120( ~ '65), DA640	○		○	○	○	○		
M155H	IS	DA120, DA640('66 ~ ), DA640PP, DA640PT, GD150	○		○	○	○	○	○	○
M156H2	IS	DH100( ~ '66)	○		○	○	○	○		

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## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M159H	IS	C220, DL201	○		○	○	○	○		
M160H2	IS	C221, C240	○		○	○	○	○	○	○
M163H2	IS	D920, DH100( ~ '82), DH100-T, E110	○		○	○	○	○		
M164H	IS	DA220(OLD)	○		○	○	○	○		
M165H2	IS	DA220	○		○	○	○	○		
M167H2	IS	E120, E120-T	○		○	○	○	○		
M168H	IS	4BA1, 4BB1( ~ '82), C330	○		○	○	○	○		
M169H	IS	6BB1, D500	○		○	○	○	○		
M171H	IS	G130, G150, G160, G161, G161W, G161Z, G180S, G180W, G181Z, G200W, G200Z	○		○	○	○	○	○	○
M172A	IS	G200W, G200Z, 4ZA1, 4ZB1, 4ZB1-T, 4ZC1, 4ZC1-T, 4ZD1	○		○	○	○	○		
M173H1	IS	6BB1, 6BD1	○		○	○	○	○		
M174H	IS	2AA1, 2AB1	○		○	○	○	○		
M175H	IS	3AA1, 3AB1, 3AD1, 3AD1-T	○		○	○	○	○		
M176A	IS	4FA1, 4FA1-T, 4FB1, 4FB1-T, 4FC1, 4FC1-T, 4FD1, 4FE1, 4FE1-T, 4FG1	○		○	○	○	○		
M177H1	IS	4BA1, 4BB1, 4BC1, 4BC2, 4BE1, 4BE2	○		○	○	○	○	○	○
M178H	IS	4BD1	○		○	○	○	○		
M181A	IS	4XC1, 4XC1-T	○		○	○	○	○		
M182H1	IS	6BB1, 6BD1('80 ~ ), 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T, 6BB1, 6BD1, 6BD1-T('79-'80/4)	○		○	○	○	○		
M183H	IS	C190, C223, C223-T	○		○	○	○	○	○	○
M184A1	IS	4JA1, 4JC1, 4JD1, 4JE1, 4JF1	○		○	○	○	○	○	○
M185A	IS	4JB1, 4JB1-T	○		○	○	○	○		
M186H	IS	6SA1, 6SA1-T, 6SD1, 6SD1-T	○		○	○	○	○		
M187A	IS	4EC1	○		○	○	○	○		
M188H	IS	DH100, 6QA1, 6QA2	○		○	○	○	○		
M190H1	IS	4BD1, 4BD1-T, 4BG1	○		○	○	○	○		
M191A	IS	4XE1	○		○	○	○	○		
M192A	IS	2KA1, 2KB1, 2KC1	○		○	○	○	○		
M193A	IS	3KA1, 3KB1, 3KC1	○		○	○	○	○		
M194A	IS	4EC1-T, NAV1	○		○	○	○	○		
M195H	IS	6RA1, 6RB1	○		○	○	○	○		
M197A	IS	4ZE1	○		○	○	○	○		
M199A	IS	3LA1, 3LB1	○		○	○	○	○		
M201H	HI	DS50, DS60, DS70, DS80	○		○	○	○	○	○	○
M202H	HI	DM100, DQ100	○		○	○	○	○		
M204H1	HI	EB100, EB200, EB300, EB400	○		○	○	○	○		
M205H	HI	EC100	○		○	○	○	○		
M208H1	HI	EH100, EH300, EH500, EH700	○		○	○	○	○		
M210H1	HI	EF100, EF100-T, EF300, EG100	○		○	○	○	○		
M211H	HI	DK10, DK10A, DK10T, DK20, ED100-T, ER100, ER200	○		○	○	○	○		
M214H1	HI	EK100, EK200, K13C	○		○	○	○	○		
M215H	HI	EL100, EM100, EP100, EP100-T, P11C	○		○	○	○	○		
M216H	HI	W04D, W04DT	○		○	○	○	○		
M217H	HI	W06D, W06D-T, W06E	○		○	○	○	○		
M218H1	HI	H06C, H06C-T, H07C, H07D	○		○	○	○	○		
M220H1	HI	EF550, EF750, EF750-T	○		○	○	○	○		
M224H	HI	J05C, J05C-T, J07C, J08C	○		○	○	○	○		
M226H	HI	J08	○		○	○	○	○		
M251H	DA	FE	○		○	○	○	○		
M255A	DA	AB10, AB20, AB30, AB40, AB50, AD	○		○	○	○	○	○	○
M256A	DA	CB10, CB12, CB22, CB33, CB50-T, CL-10	○		○	○	○	○	○	○
M275A	DA	DG(OLD)	○		○	○	○	○		

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M276A	DA	DG('77 ~ ), DL, DL-T	○		○	○	○	○		
M277A	DA	AB31, AB35, AB40, AB51, AB55, AD	○		○	○	○	○		
M278A	DA	CB22, CB23, CB33, CB36, CB37, CB41, CB70-T, CL10	○		○	○	○	○		
M279A	DA	EB10, EB20, EB40, EF	○		○	○	○	○		
M280A	DA	CL50-T, CL70-T	○		○	○	○	○		
M282A	DA	DL('87 ~ ), DL-T	○		○	○	○	○		
M283A	DA	HC, HD	○		○	○	○	○		
M284A	DA	ED, EJ	○		○	○	○	○		
M303A	MA	PB, TA, TB	○		○	○	○	○		
M304A	MA	MA, NA, UB, VB, VC	○		○	○	○	○	○	○
M307H	MA	XA, XB	○		○	○	○	○		
M308H	MA	YA, ZB(E4100, T4100)	○		○	○	○	○		
M309A	MA	UB	○		○	○	○	○		
M310A	MA	PC, TC	○		○	○	○	○		
M311A	MA	UA, VA	○		○	○	○	○		
M312A	MA	HA, SL, SL-T	○		○	○	○	○		
M313A	MA	B1, B3, B5, B6, B6-T, BJ, D5, E1, E3, E5, TC, UC	○		○	○	○	○	○	○
M314H	MA	S2	○		○	○	○	○		
M315A	MA	F6, F8, FE	○		○	○	○	○	○	○
M316A	MA	R2, RF	○		○	○	○	○		
M317A	MA	B1, B3, B5, B6, B6-T, BJ, BP	○		○	○	○	○		
M321A	MA	B6	○		○	○	○	○		
M322A	MA	F2, F6, F8(NEW), FE	○		○	○	○	○		
M323H	MA	KJ, KL-ZE	○		○	○	○	○		
M324A	MA	PN	○		○	○	○	○		
M325A	MA	FP, FS	○		○	○	○	○		
M326A	MA	TF, TM	○		○	○	○	○		
M327A	MA	WL	○		○	○	○	○		
M328A	MA	JE, JF	○		○	○	○	○		
M329A	MA	G6	○		○	○	○	○		
M401H	KO	4D120, 4D130-1, 15TYPE	○		○	○	○	○		
M402H	KO	CUMMINS, 6D130	○		○	○	○	○		
M403H	KO	4D92-1, 4D92-2, 4D92-3	○		○	○	○	○		
M404A	KO	4D105-5, S4D105-5	○		○	○	○	○		
M405A	KO	6D105-1, S6D105-1, SA6D110-1	○		○	○	○	○		
M407H	KO	4D94-2	○		○	○	○	○		
M408H	KO	4D95L, 4D95S	○		○	○	○	○		
M409H	KO	6D95L	○		○	○	○	○		
M411H	KO	6D125	○		○	○	○	○		
M412A	KO	4D94E	○		○	○	○	○		
M415A	KO	3D84E	○		○	○	○	○		
M416A	KO	4D84E	○		○	○	○	○		
M417H	KO	S6D108	○		○	○	○	○		
M418A	KO	3D82E	○		○	○	○	○		
M420A	KO	SAA6D102E, SAA6D107E	○		○	○	○	○		
M451A	HO	EB1, EB5, EC, ED1, ED2, ED3, ED4, EE, EF, EJ, EK, EM, EN, EP, EV, EW	○		○	○	○	○		
M453A	HO	D15A, D15B, D15Z, ER, ER-T, EV1	○		○	○	○	○		
M454H	HO	A18A, 20A, ES, ET, EY	○		○	○	○	○		
M457A	HO	R16A, R18A	○		○	○	○	○		
M458H	HO	B18A, B20A, D16A1, ZC	○		○	○	○	○		
M459H	HO	F20A, F22B, H23A	○		○	○	○	○		
M461H	HO	B16A, B18A	○		○	○	○	○		
M463H	HO	B18	○							

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## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE								
			STD	0125	025	050	075	100	125	150	
M464A	HO	D12A, D13C	○								
M465H	HO	C25A, C27A	○								
M467A	HO	G25A	○								
M468A	HO	L13A, L15A, LDA	○		○	○	○	○			
M469A	HO	K20A, K24A	○		○	○	○	○			
M472H	HO	E07A	○								
M473A	HO	J30A	○								
M601H	SB	EA62, EA63, EA64, EA71	○		○	○	○	○			
M602H	SB	EK21	○		○	○	○	○			
M603A	SB	EA81, EA81-T, EA82	○		○	○	○	○			
M604H	SB	EA63, EA64, EA65, EA71	○		○	○	○	○			
M605H	SB	EK22, EK23, EK42	○		○	○	○	○			
M606H	SB	EF10, EF12	○		○	○	○	○			
M651A	SZ	F8A, F10A	○		○	○	○	○	○	○	○
M652A	SZ	F5A	○		○	○	○	○	○	○	○
M653A	SZ	F5A('80 ~ ), F5A-T	○		○	○	○	○			
M654A	SZ	F8B, Y64	○		○	○	○	○	○	○	○
M655A	SZ	G10, G10-T	○		○	○	○	○	○	○	○
M656A	SZ	G13, G13B	○		○	○	○	○	○	○	○
M657A	SZ	G16, G15	○		○	○	○	○			
M658A	SZ	F6A	○		○	○	○	○			
M660A	SZ	K6A	○		○	○	○	○	○	○	○
M661A	SZ	J18A, J20A	○		○	○	○	○			
M662A	SZ	H20A	○		○	○	○	○			
M663A	SZ	H25A, H27A	○		○	○	○				
M664A	SZ	M13A	○		○	○	○	○			
M665A	SZ	M15A, M16A, M18A	○		○	○	○	○			
M702A	TO	1JZ-GE, 1JZ-GTE, 2JZ-GE, 2JZ-GTE	○		○	○	○	○			
M703A2	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○		○	○	○	○			
M704A1	TO	3VZ-E, 5VZ-FE	○		○	○	○	○			
M706A	TO	1PZ	○		○	○	○	○			
M707A	TO	1HZ, 1HD-T	○		○	○	○	○			
M708A1	TO	1FZ-FE	○		○	○	○	○			
M713A	TO	1DZ	○		○	○	○	○			
M715A	TO	1ZZ-FE	○		○	○	○	○			
M717A	TO	1C, 2C(NEW), 3C	○		○	○	○	○			
M719A	TO	1MZ	○		○	○	○	○			
M720A1	TO	1KZ, 1KD, 2KD	○		○	○	○	○			
M721A	TO	1Z	○		○	○	○	○			
M722A	TO	11Z	○		○	○	○	○			
M723A1	TO	1NZ-FE, 2NZ-FE	○		○	○	○	○			
M724A	TO	1AZ, 2AZ	○		○	○	○	○			
M725A	TO, DA	1SZ, K3	○		○	○	○	○			
M726A	TO, DA	1SZ, 2SZ, K3	○		○	○	○	○			
M727A	TO	2Z	○		○	○	○	○			
M728A	TO	13Z	○		○	○	○	○			
M729A1	TO	1TR, 2TR	○		○	○	○	○			
M733A	TO	2UZ-FE	○		○	○	○	○			
M734A1	TO	1ZR-FE, 2ZR-FE	○		○	○	○	○			
M735A	TO	1KR	○		○						
M736A	TO	1GR-FE	○		○	○	○	○			
M738A	TO	2GR-FSE	○								
M739A	TO	2GR-FE	○								
M740A	TO	3GR, 4GR, 5GR	○								

TO:TOYOTA NI:NISSAN MI:MITSUBISHI MF:MITSUBISHI FUSO IS:ISUZU HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL  
 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
M743A	TO	1G-FE	○		○					
M748A	TO	1UR, 2UR, 3UR	○							
M801H	IS	4HF1, 4HE1-T	○		○	○	○	○		
M802H	IS	6HE1, 6HE1-T, 6HK1, 6HH1	○		○	○	○	○		
M803A	IS	3LD1	○		○	○	○	○		
M804A	IS	4LE1	○		○	○	○	○		
M805A	IS	3LB1-T	○		○	○	○	○		
M806A	IS	3KR1	○		○	○	○	○		
M810A	IS	6VD1	○		○	○	○	○		
M811H	IS	6WA1-T, 6WF1-T, 6WG1-T	○		○	○	○	○		
M812H	IS	C22NE, 22LE	○		○	○	○	○		
M901H	MF	6D24, 6M7	○		○	○	○	○		
M902H	MF	6D40	○		○	○	○	○		
M904A	MI	6A13-S4	○							
M905H	MI	6A13-D4	○							
M1050A	NI	YD22, 25	○		○	○	○	○		
M1051A	NI	ZD30	○		○	○	○	○		
M1052A	NI	QR20, 25	○		○	○	○	○		
M1053H	ND	RG8	○		○	○	○	○		
M1054A	NI	MR18, MR20	○		○	○	○	○		
M1056A	NI	HR15DE	○		○	○	○	○		
M1057A	NI	NA16S	○		○	○	○	○		
M3001A	KIA	K12H(PRIDE)	○		○	○	○	○		
M3002A	KIA	VN	○		○	○	○	○		
M3003A	KIA	J2(PREGIO), D4BH	○		○	○	○	○		
M3004A	KIA	HW BESTA	○		○	○	○	○		
M3005A	KIA	JED	○		○	○	○	○		
M3101A	HY	G4AJ, G4DJ	○		○	○	○	○		
M3102A	HY	G4CN, G4CP, G4CS	○		○	○	○	○	○	○
M3103H	HY	D4A, D4D	○		○	○	○	○		
M3105A	HY	G4EK, ALPHA	○		○	○	○	○		
M3106A	HY	G4HC	○		○	○	○	○		
M3107A	HY	D	○		○	○	○	○		
M3201A	AS	CD800 JADE	○		○	○	○	○		
M3301A	DW	TICO, MATIZ	○		○	○	○	○		
M3302A	DW	E-TEC	○		○	○	○	○		
M3501A	GM	S-TEC	○		○	○	○	○		
MP075H	ND	UD3, UD4, UD5, UD6, UD33, UD43	○		○	○	○	○		
MP090H1	ND	RD8, RD8-T, RD10, RD10-T, RE8, RE10, RF8, RF10	○		○	○	○	○		
MP092H	NI	FE6	○		○	○	○	○		
MP107H3	MF	6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC9, 8DC10, 8DC11, 8DC20, 8DC40, 8DC60, 8DC61, 8DC71, 8DC80, 8DC81, 8DC82, 8DC90, 10DC6, 10DC8, 10DC60, 10DC80	○		○	○	○	○		
MP109H	MF	4DR1	○		○	○	○	○	○	○
MP126A	MF	S4S, S6S	○		○	○	○	○		
MP128H	MI	S2E, S4E	○		○	○	○	○		
MP131H	MI	S4K, 6K	○		○	○	○	○		
MP148H	MF	S4B, S6B	○		○	○	○	○		
MP149H	MI	S6A	○		○	○	○	○		
MP168H	IS	4BA1	○		○	○	○	○		
MP179H1	IS	12PB1-T, 8PA1, 10PA1, 8PB1, 8PB1-T, 10PB1, 10PB1-T, 12PB1, 8PC1, 8PC1-T, 10PC1, 12PC1	○		○	○	○	○		
MP198H	IS	8PD1, 10PD1, 12PD1	○		○	○	○	○		

TO:TOYOTA NI:NISSAN MI:MITSUBISHI MF:MITSUBISHI FUSO IS:SUZUKI HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL  
 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
MP224H	HI	J05C, J05C-T1, J07C, J08C	○		○	○	○	○		
MP226H	HI	J05, J07, J08	○		○	○	○	○		
MP801H	IS	4HE1, 4HF1, 4HG1, 6HE1, 6HH	○		○	○	○	○		
P001H	TO	3R	○							
P002H	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K	○							
P002HS	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K	○							
P003H	TO	12R	○							
P003HS	TO	12R	○							
P004H	TO	3P, 4P	○							
P005H	TO	M, 2M, 3M, 4M, 4M-E, 5M, 5M-G, 5M-GEU, 6M, 6M-G, 7M-G	○							
P010H	TO	16R, 16R-U, 18R, 18R-G, 18R-GEU, 18R-GU, 18R-U, 19R, 20R, 21R, 22R	○							
P010HS	TO	16R, 16R-U, 18R, 18R-G, 18R-GEU, 18R-GU, 18R-U, 19R, 20R, 21R, 22R	○							
P012H	TO	5R	○							
P012HS	TO	5R	○							
P015H	TO	2H	○							
P015HS	TO	2H	○							
P021H	TO	1G-E, 1G-G, 1G-GT	○							
P028H	TO	11B, 13B	○							
P028HS	TO	11B, 13B	○							
P030H	TO	2D	○							
P030P	TO	D, 2D	○							
P032H	TO	J, 2J, L, 2L, 5P	○							
P032HS	TO	J, 2J, L, 2L, 5P	○							
P034H	TO	H, 2H	○							
P034HS	TO	H, 2H	○							
P035H	TO	B, 2B	○							
P035HS	TO	B, 2B	○							
P037H	TO	L, 2L, 2L-T, 3L, 5L	○							
P037HS	TO	L, 2L, 2L-T, 3L, 5L	○							
P038H	TO	1C, 1C-T, 2C( ~ '85)	○							
P038HS	TO	1C, 1C-T, 2C( ~ '85)	○							
P039H	TO	2L, 2L-T( ~ '88)	○							
P039HS	TO	2L, 2L-T( ~ '88)	○							
P040H	TO	3B, 11B, 13B, 13B-T	○							
P040HS	TO	3B, 11B, 13B, 13B-T, 14B-T	○							
P042H	TO	L, 2L(NEW), 2L-T, 3L, 5L	○							
P042HS	TO	L, 2L(NEW), 2L-T, 3L, 5L	○							
P043H	TO	4A-GE, 4A-GZE	○							
P044H	TO	3F	○							
P044HS	TO	3F	○							
P045H	TO	1C, 2C('85 ~ ), 3C	○							
P045HS	TO	1C, 2C('85 ~ ), 3C	○							
P046H	TO	1N, 1N-T	○							
P047H	TO	1G-E, 1G-G, 1G-GT	○							
P048H	TO	3B, 11B, 14B, 15B	○							
P048HS	TO	3B, 11B, 14B, 15B	○							
P049H	TO	12H-T	○							
P052H	NI	H20	○							
P052HS	NI	H20	○							
P054H	NI	LD20	○							
P063H	ND	RD8, RD8-T, RE8, RF8	○							
P064H	ND	RD10, RD10-T, RE10, RF10	○							

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
P067H	ND	FE6, FE6-T, ND6, ND604, NDT04, NE6, NE604, NET04	○							
P076H	ND	PD6, PD064, PD6T04, PE6, PE604, PE6T04	○							
P080H	ND	SD20, SD22	○							
P080HS	ND	SD20, SD22	○							
P081H	ND	SD33, SD33-T	○							
P081HS	ND	SD33, SD33-T	○							
P085H	ND	SD20, SD22, SD23, SD25	○							
P085HS	ND	SD20, SD22, SD23, SD25	○							
P087H1	ND	TD23, TD25, TD27	○							
P089H	ND	TD27	○							
P096H1	ND	TD42	○							
P096HS	ND	TD42	○							
P103H	MI	4G41, 4G42	○							
P107H	MF	6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC8, 8DC20, 8DC40, 8DC60, 8DC80, 10DC6, 10DC8, 10DC60, 10DC80	○							
P109H	MF	4DR5, 4DR50, 4DR51, 4DR52	○							
P110H	MF	6DR5, 6DR50	○							
P112H	MF	6D10, 6D11, 6D14, 6D14-T, 6D15	○							
P113H	MI	4D55, 4D56	○							
P114H	MF	6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC8, 8DC20, 8DC40, 8DC60, 8DC80, 10DC6, 10DC8, 10DC60, 10DC80	○							
P115H	MF	6D21	○							
P117H	MF	4D30, 4D31, 4D31-T, 4D32	○							
P117HS	MF	4D30, 4D31, 4D31-T, 4D32	○							
P121H	MF	4D30, 4D31, 4D31-T, 4D32	○							
P121HS	MI	4D30, 4D31, 4D31-T, 4D32	○							
P122H	MF	4D33, 34, 34-T	○							
P124H	MF	8DC9, 8DC10, 8DC11, 8DC90	○							
P125H	MF	8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC20, 8DC40, 8DC60, 8DC70, 8DC80, 10DC60, 10DC80	○							
P129H	MF	6D16-T	○							
P131H	MF	S4K, S6K	○							
P133H	MI	4M40	○							
P154H	IS	DA120, DA640, GD150, GD150F	○							
P157H	IS	C221	○							
P160H	IS	C190, C240	○							
P160HS	IS	C190, C240	○							
P164H	IS	DA220, DA220LA	○							
P166H	IS	DH100, DH100H, DH100-T	○							
P167H	IS	E120, E120-T, 6RA1, 6RB1	○							
P168H	IS	4BB1, 4BD1, 4BD1-T, 4BE1, 4BE2, 4DC2	○							
P168HS	IS	4BB1, 4BD1, 4BD1-T, 4BE1, 4BE2, 4DC2	○							
P169H	IS	D500	○							
P170H	IS	4BA1, 4BC1, C330	○							
P171H	IS	G130, G150, G160, G161, G161W, G161Z, G180S, G180W, G181Z	○							
P173H	IS	6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T	○							
P173HS	IS	6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T	○							
P176H	IS	4FA1, 4FA1-T, 4FB1, 4FC1, 4FE1, 4FE1-T	○							
P177H	IS	4BA1, 4BC1, C330	○							

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
P179H	IS	8PA1, 8PB1, 8PB1-T, 8PC1, 8PC1-T, 10PA1, 10PB1, 10PB1-T, 10PC1, 12PA1, 12PB1, 12PB1-T, 12PC1	○							
P184H1	IS	4JA1, 4JB1, 4JB1-T, 4JC1, 4JD1, 4JE1, 4JF1	○							
P184H1S	IS	4JB1	○							
P185H	IS	4JG2	○							
P185HS	IS	4JG2	○							
P186H	IS	6SA1, 6SA1-T	○							
P187H	IS	4EC1	○							
P189H	IS	6SD1	○							
P202H	HI	DM100, DQ100	○							
P205H	HI	EC100	○							
P208H1	HI	EH500, EH700, H06C, H06C-T, H07C	○							
P210H	HI	EF100, EF100-T, EF300, EF350, EF500, EF700, EG100	○							
P214H	HI	EK100	○							
P215H	HI	EM100	○							
P216H	HI	W04D, W04DT	○							
P217H	HI	W06D, W06D-T, W06E	○							
P218H	HI	J05C, S05D	○							
P219H	HI	J07C	○							
P220H	HI	J08C, H07D	○							
P222H	HI	EP100	○							
P227H	HI	P11C	○							
P275H1	DA	DG, DL, DL-T	○							
P276H	DA	DL, DL-T	○							
P276HS	DA	DL, DL-T	○							
P303H	MA	PB, PC, TA, TB, TC	○							
P304H	MA	MA, NA, UA, UB, VA, VB, VC	○							
P304HS	MA	MA, NA	○							
P312H	MA	HA('80 ~ )	○							
P312HS	MA	HA('80 ~ )	○							
P314H	MA	S2	○							
P316H	MA	R2, RF	○							
P318H	MA	SL, SL-T	○							
P318HS	MA	SL, SL-T	○							
P319H	MA	HA( ~ '80), XA, XB	○							
P319HS	MA	HA( ~ '80)	○							
P320H	MA	ZB	○							
P320HS	MA	ZB	○							
P324H	MA	PN	○							
P336H	MA	R2, RF	○							
P401H	KO	4D120-15	○							
P403H	KO	4D92-1, 4D92-2, 4D92-3, 4D94-2	○							
P404H	KO	4D105-5, S4D105-5	○							
P405H	KO	6D105-1, S6D105-1, SA6D110-1	○							
P408H	KO	4D95L, 4D95S	○							
P409H	KO	6D95L	○							
P412H	KO	4D94E	○							
P417H	KO	S6D108	○							
P420H	KO	SAA6D102E, SAA6D107E	○							
P651H	SZ	F8A, F10A	○							
P652H	SZ	F5A, F5A-T, F8B, Y64	○							
P654H	SZ	F8B, Y64	○							
P659H	SZ	F8A, F10A	○							

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
P702H	TO	1JZ-GE, 1JZ-GTE, 2JZ-GE, 2JZ-GTE	○							
P703H	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○							
P704H	TO	2VZ-FE, 3VZ-FE, 4VZ-FE, 5VZ-FE	○							
P706H	TO	1PZ	○							
P706HS	TO	1PZ	○							
P707H	TO	1HD-T, 1HZ	○							
P707HS	TO	1HD-T, 1HZ	○							
P708H	TO	1FZ-FE	○							
P709H	TO	1HD-T, 1HZ	○							
P709HS	TO	1HD-T, 1HZ	○							
P710H	TO	3S-FE, 5S-FE	○							
P713H	TO	1DZ	○							
P720H	TO	1KZ, 1KD	○							
P721H	TO	1Z	○							
P722H	TO	11Z	○							
P731H	TO	2KD	○							
P801H	IS	4HF1	○							
P802H	IS	6HE1, 6HH1	○							
P808H	IS	4HE1-T 4HK1	○							
P901H	MF	6D24	○							
P903H	MF	6D31	○							
P1050H	NI	YD22, 25	○							
P1050HS	NI	YD22, 25	○							
P1052H	NI	QR20, 25	○							
P1052HS	NI	QR20, 25	○							
PC005L	TO	M, 2M, 3M, 4M, 4M-E, 5M, 5M-E, 5M-GEU, 6M, 6M-G, 7M-G	○							
PC009L	TO	16R, 16R-U, 18R, 18R-G, 18R-GEU, 18R-GU, 18R-U, 19R, 21R	○							
R001H	TO	3R	○		○	○	○	○		
R004H	TO	3P, 4P	○		○	○	○	○		
R005H	TO	M, 2M, 3M, 4M, 4M-E, 5M, 5M-E, 5M-GEU	○		○	○	○	○	○	○
R008H	TO	5M, 5M-G, 6M, 6M-G, 7M-G	○		○	○	○	○		
R011H	TO	20R	○		○	○	○	○		
R012H	TO	5R	○		○	○	○	○	○	○
R016A	TO	12R	○		○	○	○	○	○	○
R018H2	TO	T, 2T, 2T-G, 3T, 12T, 13T	○		○	○	○	○	○	○
R019H1	TO	2T-G, 3T, 3T-G, 12T, 13T	○		○	○	○	○		
R020H	TO	16R, 16R-U, 18R, 18R-G, 18R-GEU, 18R-GU, 18R-U, 19R, 20R, 21R, 22R	○		○	○	○	○	○	○
R021A	TO	1G-E, 1G-G, 1G-GT, 1G-FE	○		○	○	○	○		
R022A	TO	1A, 2A, 3A, 4A	○		○	○	○	○		
R023A	TO	5R	○		○	○	○	○	○	○
R024A	TO	1S, 2S, 3S-E	○		○	○	○	○		
R025A	TO	1E, 2E, 4E	○		○	○	○	○		
R026A	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K	○		○	○	○	○	○	○
R027H	TO	3E, 5E	○		○	○	○	○		
R028A	TO	B	○		○	○	○	○		
R029H	TO	1VZ-FE	○		○	○	○	○		
R030H	TO	D, 2D	○		○	○	○	○		
R031A	TO	F, 2F	○		○	○	○	○	○	○
R032A	TO	J, 2J, 5P, 1Z, 2Z	○		○	○	○	○		
R033A	TO	12H-T, 2H	○		○	○	○	○		
R034A	TO	H, 2H, 12H-T, 11Z	○		○	○	○	○		
R035A	TO	B, 2B	○		○	○	○	○		

TO:TOYOTA NI:NISSAN MI:MITSUBISHI MF:MITSUBISHI FUSO IS:ISUZU HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL  
 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON



## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE								
			STD	0125	025	050	075	100	125	150	
R037A	TO	L, 2L, 2L-T, 3L, 5L	○		○	○	○	○	○	○	○
R038A	TO	1C, 1C-T, 2C	○		○	○	○	○	○		
R039A	TO	L, 2L, 2L-T, 3L, 5L	○		○	○	○	○	○	○	○
R040A	TO	3B, 11B, 13B, 13B-T	○		○	○	○	○	○		
R041A	TO	1Y, 2Y, 3Y, 4Y	○		○	○	○	○	○	○	○
R043A	TO	2A, 3A, 4A, 5A, 5A-FE	○		○	○	○	○	○		
R044A	TO	3F	○		○	○	○	○	○	○	○
R045A	TO	1C, 2C	○		○	○	○	○	○		
R046A	TO	1N, 1N-T	○		○	○	○	○	○		
R047A	TO	1G-E, 1G-FE	○		○	○	○	○	○		
R048A1	TO	3B, 11B, 13B-T, 14B, 14B-T, 15B	○		○	○	○	○	○		
R051H	NI	J, J13, J15, J16, J18	○		○	○	○	○	○	○	○
R052H	NI	H20, U120	○		○	○	○	○	○	○	○
R054H1	NI	L13, L14, L16, L18, L20B, LD20, LD20T, Z16, Z18, Z20, Z20E, Z22, Z24	○		○	○	○	○	○	○	○
R055H	NI	D11, D12	○		○	○	○	○	○		
R057H1	NI	L20, L24, L26, L28, LD28	○		○	○	○	○	○	○	○
R059H	NI	J13, J15, J16, J18	○		○	○	○	○	○		
R060H	NI	A10, A12, A13, A14, A15	○		○	○	○	○	○		
R062H	ND	ED30, ED304	○		○	○	○	○	○		
R063H1	ND	RD8	○		○	○	○	○	○		
R065H1	ND	ED6, FD6, FD6-T	○		○	○	○	○	○		
R067H1	ND	ND6, ND604, NDT04, NE6, NE604, NET04	○		○	○	○	○	○		
R068H	NI	E10, E13, E15, E15E, E16	○		○	○	○	○	○		
R069H1	NI	J13, J15, J16, J18	○		○	○	○	○	○		
R070A	NI	NA20	○		○	○	○	○	○		
R071H	NI	G16, G18, G20	○		○	○	○	○	○		
R072H	NI	R, P40, PF, PF40	○		○	○	○	○	○	○	○
R074A	NI	TB42	○		○	○	○	○	○		
R076H1	ND	PD6, PD064, PD6T04, PE6, PE604, PE6T04	○		○	○	○	○	○		
R080H1	ND	SD20, SD22, SD23, SD25, TD23, TD25, TD27	○		○	○	○	○	○		
R081H1	ND	SD33, SD33-T	○		○	○	○	○	○		
R082H1	ND	ED33, ED33-T, ED35, FD33, FD33-T, FD35, FD35-T	○		○	○	○	○	○		
R083H	NI	CA16, CA18, CA20, CD17	○		○	○	○	○	○		
R084H	NI	KA24	○		○	○	○	○	○		
R086H	NI	L20A, L20E	○		○	○	○	○	○		
R087H	ND	BD30	○		○	○	○	○	○		
R088H	NI	VG30E, VG33E	○		○	○	○	○	○		
R089H	ND	TD23, TD25, TD27	○		○	○	○	○	○		
R092H	ND	FE6, FE6-T	○		○	○	○	○	○		
R093A	NI	MA09, MA10, MA10ET, MA10S	○		○	○	○	○	○		
R094A	NI	GA13, GA14, GA15, GA16	○		○	○	○	○	○		
R095A	NI	CD20	○		○	○	○	○	○		
R096H	ND	TD42	○		○	○	○	○	○		
R097A	NI	RD28, RD28-T	○		○	○	○	○	○		
R098H	NI	SR18, SR20	○		○	○	○	○	○		
R099H	NI	VQ20	○		○	○	○	○	○		
R100H	NI	VQ25	○		○	○	○	○	○		
R103H	MI	4G41, 4G42, KE43, KE44, KE46	○		○	○	○	○	○	○	○
R106H	MF	6BD10, 6DB1	○		○	○	○	○	○	○	○
R108H	MF	6DS1, 6DS3, 6DS5, 6DS7, 6DS10, 6DS30, 6DS50, 6DS70	○		○	○	○	○	○		
R109H	MF	4DR5, 4DR50, 4DR51, 4DR52	○		○	○	○	○	○	○	○
R110H	MF	6DR5, 6DR50	○		○	○	○	○	○	○	○

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HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE								
			STD	0125	025	050	075	100	125	150	
R111A	MI	4D65, 4D65T, G31B, G32B, G33B, G37B, G62B, G63B, G64, 4G30, 4G31, 4G32, 4G33, 4G35, 4G36, 4G37, 4G62, 4G63, 4G64	○		○	○	○	○	○	○	○
R112H1	MF	6D10, 6D11, 6D14, 6D14-T, 6D15	○		○	○	○	○			
R113A1	MI	G51B, G52B, G54B, 4G51, 4G52, 4G53, 4G54, 4G55, 4G56	○		○	○	○	○	○	○	○
R114H1	MF	8DC7, 8DC8, 8DC70, 8DC80	○		○	○	○	○	○		
R115H	MF	6D20, 6D21, 6D22A	○		○	○	○	○	○		
R116H	MF	4DQ3, 4DQ3-T, 4DQ5, 4DQ11, 4DQ50	○		○	○	○	○	○		
R117H	MF	4D30	○		○	○	○	○	○		
R119A	MI	G11B, G12B, G13B, G15B, 4G11, 4G12, 4G13, 4G15	○		○	○	○	○	○	○	○
R120A	MI	G23B, 2G23, 2G25	○		○	○	○	○	○		
R121H	MF	4D30, 4D31, 4D31-T, 4D32	○		○	○	○	○	○		
R122H	MF	4D33, 4D34, 4D34-T	○		○	○	○	○	○		
R123A	MI	6G71, 6G72	○		○	○	○	○	○		
R124H1	MF	8DC9, 8DC10, 8DC11, 8DC81, 8DC82, 8DC90	○		○	○	○	○	○		
R125H	MF	6D22, 6D22-T, 6D23	○		○	○	○	○	○		
R127A1	MI	3G81, 3G82, 3G83	○		○	○	○	○	○		
R129H1	MF	6D15-T, 6D16, 6D16-T, 6D17, 6M61	○		○	○	○	○	○		
R130A	MI	G13B(NEW), G15B, 4G13, 4G15	○		○	○	○	○	○		
R132H	MF	6D31, 6D31-T	○		○	○	○	○	○		
R133H	MI	4M40	○		○	○	○	○	○		
R134H	MF	4DR6-T, 4DR7	○		○	○	○	○	○		
R135A	MI	4G91, 4G92, 4G93	○		○	○	○	○	○		
R136A	MI	4G63(NEW)	○		○	○	○	○	○		
R137H	MI	4D68	○		○	○	○	○	○		
R138H	MI	6G74	○		○	○	○	○	○		
R140A	MI	4D56	○		○	○	○	○	○		
R141H	MI	4M41	○		○	○	○	○	○		
R142H	MI	6A12	○		○	○	○	○	○		
R143H	MF	6D34	○		○	○	○	○	○		
R144H	MF	4M50-T	○		○	○	○	○	○		
R145H	MF	4M51	○		○	○	○	○	○		
R146H	MF	6M60-T	○		○	○	○	○	○		
R151H	IS	DA640PP, DA640PT, DA640-T	○		○	○	○	○	○		
R152H	IS	G201	○		○	○	○	○	○		
R154H	IS	DA120, DA640, GD150, GD150F	○		○	○	○	○	○	○	○
R155H	IS	DA640, DA640PN, DA640PR	○		○	○	○	○	○	○	○
R156H1	IS	DH100	○		○	○	○	○	○	○	○
R157H	IS	C220, DL201	○		○	○	○	○	○		
R160H	IS	C190, C221, C223, C223-T, C240	○		○	○	○	○	○	○	○
R163H	IS	D920, E110	○		○	○	○	○	○		
R164H	IS	DA220, DA220LA	○		○	○	○	○	○		
R166H1	IS	DH100, DH100-T	○		○	○	○	○	○		
R167H1	IS	E120, E120-T, 6RA1	○		○	○	○	○	○		
R168H1	IS	4BA1, 4BB1, 4BC1, 4BC2, 4BD1, 4BD1-T, 4BE1, 4BE2, 4BG1, C330	○		○	○	○	○	○	○	○
R169H1	IS	6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T, D500	○		○	○	○	○	○	○	○
R171H	IS	G130, G150, G160, G161, G161W, G161Z, G180S, G180W, G180Z	○		○	○	○	○	○	○	○
R172A1	IS	G200W, G200Z, 4ZA1, 4ZB1, 4ZB1-T, 4ZC1, 4ZC1-T, 4ZD1, 4ZE1	○		○	○	○	○	○		
R174H	IS	2AA1, 2AB1	○		○	○	○	○	○		
R175H	IS	3AA1, 3AB1, 3AD1, 3AD1-T	○		○	○	○	○	○		

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE								
			STD	0125	025	050	075	100	125	150	
R176H	IS	4FA1, 4FA1-T, 4FB1, 4FB1-T, 4FC1, 4FC1-T, 4FD1, 4FE1, 4FE1-C, 4FG1	○		○	○	○	○			
R180H	IS	2AE1	○		○	○	○	○			
R181A	IS	4XC1, 4XC1-T	○		○	○	○	○			
R184A1	IS	4JA1, 4JB1, 4JB1-T, 4JC1, 4JD1	○		○	○	○	○		○	○
R186H	IS	6SA1, 6SA1-T	○		○	○	○	○			
R187A	IS	4EC1, 4EC1-T NAVI	○		○	○	○	○			
R188H	IS	6QA1, 6QA2	○		○	○	○	○			
R189H	IS	6SD1, 6SD1-T	○		○	○	○	○			
R191A	IS	4XE1	○		○	○	○	○			
R192A	IS	2KA1, 2KB1, 2KC1	○		○	○	○	○			
R193A	IS	3KA1, 3KB1, 3KC1	○		○	○	○	○			
R195H	IS	6RB1	○		○	○	○	○			
R201H	HI	DS50, DS60, DS70, DS80	○		○	○	○	○		○	○
R202H	HI	DM100, DQ100	○		○	○	○	○			
R204H2	HI	EB100, EB200, EB300, EB450	○		○	○	○	○			
R205H1	HI	EC100	○		○	○	○	○			
R206H1	HI	EH100	○		○	○	○	○			
R207H1	HI	DK10, DK10A, DK10T, DK20, ED100-T	○		○	○	○	○			
R208H1	HI	EH500, EH700	○		○	○	○	○			
R209H1	HI	EH300	○		○	○	○	○			
R210H1	HI	EF100, EF100-T, EF300, EF350, EF500, EF700, EG100	○		○	○	○	○			
R211H	HI	ER100, ER200	○		○	○	○	○			
R214H1	HI	EK100, EK200	○		○	○	○	○			
R215H	HI	EL100	○		○	○	○	○			
R216H	HI	W04D, W04DT	○		○	○	○	○			
R217H	HI	W06D, W06D-T, W06E	○		○	○	○	○			
R218H1	HI	HO6C, HO6C-T, HO7C	○		○	○	○	○			
R219H1	HI	HO6C, HO6C-T, HO7C	○		○	○	○	○			
R220H1	HI	EF550, EF750, EF750-T	○		○	○	○	○			
R221H	HI	EP100, EP100-T	○		○	○	○	○			
R222H	HI	EP100('84 ~ ), EP100-T	○		○	○	○	○			
R223H	HI	EM100	○		○	○	○	○			
R224H1	HI	H07D	○		○	○	○	○			
R225H	HI	K13C	○		○	○	○	○			
R227H	HI	P11C	○		○	○	○	○			
R251H	DA	FE	○		○	○	○	○			
R255A	DA	AB10, AB20, AB30, AB31, AB35, AB40, AB50, AB51, AB55, AD	○		○	○	○	○		○	○
R256A	DA	CB10, CB12, CB22, CB23, CB33, CB36, CB37, CB41, CB50-T, CL10	○		○	○	○	○		○	○
R276A	DA	DG, DL, DL-T	○		○	○	○	○			
R279A	DA	EB10, EB20, EB40, EF	○		○	○	○	○			
R280A	DA	CL50-T, CL70-T	○		○	○	○	○			
R281H	DA	CB70(DOHC)	○		○	○	○	○			
R283A	DA	HC, HD	○		○	○	○	○			
R284A	DA	ED, EJ	○		○	○	○	○			
R303A	MA	PB, PC, TA, TB, TC	○		○	○	○	○			
R304A1	MA	NA, UB, VA, AC	○		○	○	○	○		○	○
R305A	MA	MA, VB	○		○	○	○	○		○	○
R308H	MA	ZB	○		○	○	○	○			
R312A	MA	HA, SL, SL-T	○		○	○	○	○			
R313A	MA	B1, B3, B5, D5, E1, E3, E5, TC, UC	○		○	○	○	○		○	○
R314H	MA	S2	○		○	○	○	○			

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R315A1	MA	R2, RF	○		○	○	○	○		
R317A	MA	B6, B6-T, BJ, BP	○		○	○	○	○		
R322A	MA	F8(NEW), FE, G6	○		○	○	○	○		
R323H	MA	KJ, KL-ZE	○		○	○	○	○		
R324A	MA	PN	○		○	○	○	○		
R325A	MA	FS, FP	○		○	○	○	○		
R326A	MA	TF, TM	○		○	○	○	○		
R327A	MA	WL	○		○	○	○	○		
R328A	MA	JE	○		○	○	○	○		
R329A	MA	JF	○		○	○	○	○		
R332A	MA	W9	○		○	○	○	○		
R336A	MA	F2, F6, F8, FE, R2, RF	○		○	○	○	○	○	○
R401H	KO	4D120, 4D130-1, 15TYPE	○		○	○	○	○		
R402H	KO	CUMMINS, 6D130	○		○	○	○	○		
R403H	KO	4D92-1, 4D92-2, 4D92-3, 4D94-2	○		○	○	○	○		
R404A	KO	4D105-5, S4D105-5	○		○	○	○	○		
R405A	KO	6D105-1, S6D105-1, SA6D110-1	○		○	○	○	○		
R406H	KO	CUMMINS	○		○	○	○	○		
R408H	KO	4D95L, 4D95S	○		○	○	○	○		
R409H	KO	6D95L	○		○	○	○	○		
R410H	KO	S6D95L	○		○	○	○	○		
R411H	KO	6D125	○		○	○	○	○		
R412A	KO	4D94E	○		○	○	○	○		
R413H	KO	S4D105-5	○		○	○	○	○		
R414H	KO	S6D110-1	○		○	○	○	○		
R415A	KO	3D84E	○		○	○	○	○		
R416A	KO	4D84E	○		○	○	○	○		
R417H	KO	S6D108	○		○	○	○	○		
R418A	KO	3D82E	○		○	○	○	○		
R420H	KO	SAA6D107E	○		○	○	○	○		
R421H	KO	SAA6D102E	○		○	○	○	○		
R451H	HO	EB5, EC, ED1, ED2, ED3, ED4, EF, EK, EM, EP	○		○	○	○	○		
R452H	HO	EB1, EE, EJ, EN, ER-T	○		○	○	○	○		
R453H	HO	ER	○		○	○	○	○		
R454H	HO	A18A, A20A, B18A, B20A, ES, ET, F18B, F20B, G20A	○		○	○	○	○		
R455H	HO	EV	○		○	○	○	○		
R456H	HO	D15A, D15B, D15Z, EW	○		○	○	○	○		
R457A	HO	R16A, R18A	○		○	○	○	○		
R458H	HO	B20A, F20A, F22B, G25A, H23A	○		○	○	○	○		
R459H	HO	H22A(VTEC)	○		○	○	○	○		
R460H	HO	D16A1, ZC	○		○	○	○	○		
R462H	HO	B16A	○		○	○	○	○		
R463H	HO	B18	○							
R464H	HO	D12A, D13C	○							
R465H	HO	C25A, C27A	○							
R468A	HO	L13A, L15A, LDA	○		○	○	○	○		
R469H	HO	K20A	○		○	○	○	○		
R470H	HO	K24A	○		○	○	○	○		
R472H	HO	E07A	○							
R473H	HO	J30A	○							
R601H	SB	EA62, EA63, EA64, EA65, EA71, EA81, EA81-T	○		○	○	○	○		
R602H	SB	EK21, EK22, EK23, EK42	○		○	○	○	○		
R606H	SB	EF10	○		○	○	○	○		

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R607H	SB	EF12	○		○	○	○	○		
R651A	SZ	F8A, F10A	○		○	○	○	○	○	○
R652A	SZ	F5A, F8B, Y64	○		○	○	○	○	○	○
R653A	SZ	F5A	○		○	○	○	○		
R655A	SZ	G10, G10-T	○		○	○	○	○	○	○
R656A	SZ	G13	○		○	○	○	○	○	○
R657A	SZ	G15, G16	○		○	○	○	○		
R658A	SZ	F6A	○		○	○	○	○		
R660A	SZ	K6A	○		○	○	○	○	○	○
R661A	SZ	J18A, J20A	○		○	○	○	○		
R662A	SZ	H20A, H25A, H27A	○		○	○	○	○		
R664A	SZ	M13A	○		○	○	○	○		
R665A	SZ	M15A, M16A, M18A	○		○	○	○	○		
R702H1	TO	1JZ-GE, 1JZ-GTE, 2JZ-GE, 2JZ-GTE	○		○	○	○	○		
R703A	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○		○	○	○	○		
R704A	TO	3VZ-E	○		○	○	○	○		
R705H	TO	2VZ-FE, 3VZ-FE, 4VZ-FE	○		○	○	○	○		
R706A	TO	1PZ	○		○	○	○	○		
R707A	TO	1HD-T, 1HZ	○		○	○	○	○		
R708A	TO	1FZ-FE	○		○	○	○	○		
R709A	TO	5VZ-FE	○		○	○	○	○		
R710A	TO	3S-FE, 5S-FE	○		○	○	○	○		
R711A	TO	1RZ, 2RZ, 3RZ	○		○	○	○	○		
R713A	TO	1DZ	○		○	○	○	○		
R714A	TO	7A-FE, 7K	○		○	○	○	○		
R715A	TO	1ZZ-FE	○		○	○	○	○		
R716H	TO	4A-GE, 4A-GZE	○		○	○	○	○		
R717A	TO	1C, 2C(NEW), 3C	○		○	○	○	○		
R718A	TO	1C, 2C(NEW), 3C	○		○	○	○	○		
R719A	TO	1MZ	○		○	○				
R720A1	TO	1KD, 2KD, 1KZ	○		○	○	○	○		
R723A	TO	1NZ-FE, 2NZ-FE	○		○	○	○	○		
R724A	TO	1AZ, 2AZ	○		○	○	○	○		
R725A	TO	1SZ	○		○	○	○	○		
R726A	TO,DA	2SZ, K3	○		○	○	○	○		
R727A	TO	3SZ	○		○	○	○	○		
R729A	TO	1TR, 2TR	○		○	○	○	○		
R733A	TO	2UZ-FE	○		○	○	○	○		
R734A	TO	1ZR-FE, 2ZR-FE	○		○	○	○	○		
R735A	TO	1KR	○		○	○				
R736A	TO	1GR-FE	○		○	○	○	○		
R738A	TO	2GR-FSE	○							
R740A	TO	2GR-FE, 3GR	○		○	○	○	○		
R741A	TO	4GR, 5GR	○							
R744A	TO	3ZR	○							
R748A	TO	1UR, 2UR	○							
R749A	TO	2UR-GSE	○							
R750A	TO	3UR	○							
R801H	IS	4HF1	○		○	○	○	○		
R802H	IS	6HE1, 6HH1, 6HK1	○		○	○	○	○		
R804A	IS	4LC1	○		○	○	○	○		
R807H1	IS	3AE1	○		○	○	○	○		
R808H	IS	4HE1-T	○		○	○	○	○		
R809H	IS	6HE1-T	○		○	○	○	○		

TO:TOYOTA NI:NISSAN MI:MITSUBISHI MF:MITSUBISHI FUSO IS:ISUZU HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL  
HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
R810A	IS	6VD1	○		○	○	○	○		
R811H	IS	6WA1-T, 6WF1-T, 6WG1-T	○		○	○	○	○		
R812H	IS	C22NE, 22LE	○		○	○	○	○		
R813H	IS	C22NE, 22LE	○		○	○	○	○		
R814H	IS	4HE1-T 4HK1	○		○	○	○	○		
R901H	MF	6D24, 6M7	○		○	○	○	○		
R904H	MI	6A13	○							
R1050A	NI	YD22, 25	○		○	○	○	○		
R1051A	NI	ZD30	○		○	○	○	○		
R1052A	NI	QR20, 25	○		○	○	○	○		
R1053H	ND	RG8	○		○	○	○	○		
R1054A	NI	MR18, MR20	○		○	○	○	○		
R1056A	NI	HR15DE	○		○	○	○	○		
R1058H	NI	VQ35	○		○	○	○	○		
R3001A	KIA	K12H(PRIDE)	○		○	○	○	○	○	○
R3002A	KIA	VN	○		○	○	○	○		
R3003A	KIA	J2(PREGIO), D4BH	○		○	○	○	○		
R3004A	KIA	HW BESTA	○		○	○	○	○	○	○
R3005A	KIA	JED	○		○	○	○	○		
R3101A	HY	G4AJ, G4DJ	○		○	○	○	○		
R3102A	HY	G4CN, G4CP, G4CS	○		○	○	○	○	○	○
R3103H	HY	D4A, D4D	○		○	○	○	○		
R3105A	HY	G4EK, ALPHA	○		○	○	○	○		
R3106A	HY	G4HC	○		○	○	○	○		
R3107H	HY	D	○		○	○	○	○		
R3302A	DW	E-TEC	○		○	○	○	○		
R3501A	GM	S-TEC	○		○	○	○	○		
R4001A	PT	S4PH, S4PE	○		○	○	○	○		
RP063H1	ND	RD8, RD8-T, RD10, RD10-T, RE8, RE10, RF8, RF10	○		○	○	○	○		
RP075H	ND	UD3, UD4, UD5, UD6, UD33, UD43	○		○	○	○	○		
RP092H	NI	FE6	○		○	○	○	○		
RP107H3	MF	6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC8, 8DC20, 8DC40, 8DC60, 8DC80, 10DC6, 10DC8, 10DC60, 10DC80	○		○	○	○	○		
RP109H	MF	4DR1	○		○	○	○	○		
RP110H	MF	4DR5	○		○	○	○	○	○	○
RP114H1	MF	8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC20, 8DC40, 8DC60, 8DC61, 8DC70, 8DC80, 8DC81, 10DC60, 10DC80	○		○	○	○	○		
RP126A	MF	S4S, S6S	○		○	○	○	○		
RP128H	MI	S2E, S3E	○		○	○	○	○		
RP131H	MI	S2K, 4K	○		○	○	○	○		
RP134H	MF	4DR6-T, 4DR7	○		○	○	○	○		
RP148H	MI	S4B	○		○	○	○	○		
RP149H	MI	S6A	○		○	○	○	○		
RP168H1	IS	4BA1, 4BB1, 4BC1, 4BC2, 4BD1, 4BD1-T, 4BE1, 4BE2, 4BG1, C330, 6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T, D500	○		○	○	○	○	○	○
RP179H1	IS	8PA1, 8PB1, 8PB1-T, 8PC1, 8PC1-T, 10PA1, 10PB1, 10PB1-T, 10PC1, 12PA1, 12PB1, 12PB1-T, 12PC1	○		○	○	○	○		
RP198H	IS	8PD1, 10PD1, 12PD1	○		○	○	○	○		
RP224H1	HI	J05C, J07C, J08C	○		○	○	○	○		
RP226H	HI	J05D, J07E, J08E	○		○	○	○	○		
RP307H	MA	XA, XB, YA, ZB	○		○	○	○	○		
RP308H	MA	XA, XB, Y, ZB	○		○	○	○	○		

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 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE								
			STD	0125	025	050	075	100	125	150	
RP801H	IS	4HE1,4HF1,4HG1,6HE1,6HH	○		○	○	○	○	○		
SMR016A	TO	12R	○		○	○	○	○	○	○	○
SMR025A	TO	1E, 2E, 4E	○		○	○	○	○	○		
SMR041A	TO	Y, 2Y, 3Y, 4Y	○		○	○	○	○	○	○	○
SMR042A	TO	L, 2L, 2L-T, 3L, 5L	○		○	○	○	○	○	○	○
SMR113A	MI	4G51, 4G52, 4G53, G52B	○		○	○	○	○	○	○	○
SMR119A	MI	4G13, G13B, 4G15, G15B	○		○	○	○	○	○		
SMR121H	MF	4D30, 4D31, 4D31-T, 4D32	○		○	○	○	○	○		
SMR136A	MI	4G63, 4G64	○		○	○	○	○	○		
SMR315A	MA	F6, F8, FE	○		○	○	○	○	○	○	○
SMR703A	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○		○	○	○	○	○		
T001H	TO	M, 2M, 3M, 4M, 4M-E, 5M, 5M-E, 5M-G, 5M-GEU, 6M, 6M-G, 7M-G, 3R	○	○	○						
T002A	TO	K, 2K, 3K, 3K-J, 3K-U, 4K, 5K, 1N, 1N-T	○	○	○	○					
T003A	TO	12R	○	○	○	○					
T004A	TO	3P, 4P	○	○	○						
T011A	TO	5R, 16R, 16R-U, 18R, 18R-GRU, 18R-GU, 18R-U, 20R, 21R, 22R	○	○	○						
T018A	TO	1S, 2S, 3S-E, 3S-FE, T, 2T, 2T-G, 3T, 3T-G, 12T, 13T, 1Y, 2Y, 3Y, 4Y, 5S-FE	○	○	○	○					
T020A	TO	22R	○	○	○	○					
T021A	TO	1G-E, 1G-FE, 1G-G, 1G-GT	○	○	○						
T022A	TO	1A, 2A, 3A, 4A, 4A-GE, 4A-GZE, 5A, 5A-FE, 7A-FE	○	○	○						
T025A	TO	1E, 2E, 4E	○	○	○	○					
T027A	TO	3E, 5E, 7K	○	○	○						
T029A	TO	1VZ-FE, 2VZ-FE, 3VZ-E, 3VZ-FE, 4VZ-FE, 5VZ-FE	○	○	○						
T030A	TO	D, 2D	○	○	○						
T032A	TO	H, 2H, J, 2J, 5P	○	○	○						
T034A	TO	12H-T	○	○	○						
T037A	TO	L, 2L, 2L-T, 3L, 5L	○	○	○	○					
T038A	TO	1C, 1C-T, 2C, 3C	○	○	○	○					
T040A	TO	B, 11B, 13B, 13B-T, 14B, 14B-T, 15B	○	○	○	○					
T044A	TO	3F	○	○	○						
T051H	NI	D11, D12, J, J13, J15, J16, J18	○	○	○						
T062H	ND	ED6, ED30, ED33, ED33-T, ED35, ED304, FD6, FD6-T, FD33, FD33-T, FD35, FD35-T	○	○	○						
T063H	ND	RD8, RD8-T, RD10, RD10-T, RE8, RE10, RF8, RF10	○	○	○						
T067H	ND	ND6, ND604, NDT04, NE6, NE604, NET04	○	○	○						
T071H	NI	G16, G18, G20	○	○	○						
T075H	ND	UD3, UD4, UD5, UD6, UD33, UD43	○	○	○						
T076H	ND	PD6, PD064, PD6T04, PE6, PE604, PE6T04	○	○	○						
T080H1	ND	SD20, SD22, SD23, SD25, SD33, SD33-T, TD23, TD25, TD27, TD42	○	○	○	○					
T092H	ND	FD42, FD46, FE6, FE6-T	○	○	○						
T093A	NI	MA09, MA10, MA10ET, MA10S	○	○	○						
T094A	NI	GA13, GA14, GA15, GA16	○	○	○						
T095H	ND	PE6, PE604, PE6T04	○	○	○						
T098H	NI	SR18, SR20	○	○	○						
T099A	NI	VQ20, VQ25, VQ30	○	○	○						
T103H	MI	4G41, 4G42, KE43, KE44, KE46	○	○	○						
T106P	MF	6BD10, 6DB1	○	○	○						
T107H	MF	6D20, 6D21, 6D22A, 6DC2, 6DC20, 8DC2, 8DC4, 8DC6, 8DC8, 8DC20, 8DC40, 8DC60, 8DC80	○	○	○						

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE								
			STD	0125	025	050	075	100	125	150	
T108H	MF	4D30, 4D31, 4D31-T, 4D32, 6D31, 6D31-T, 6DS1, 6DS3, 6DS5, 6DS7, 6DS10, 6DS30, 6DS50, 6DS70	○	○	○						
T110H	MF	4DR1, 4DR5, 4DR50, 4DR51, 4DR52, 6DR5, 6DR50	○	○	○						
T112H	MF	6D10, 6D11, 6D14, 6D14-T, 6D15	○	○	○						
T114H	MF	6D20, 6D21, 6D22, 6D22A, 6D22-T, 6D23, 8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC20, 8DC40, 8DC60, 8DC70, 8DC80, 10DC60, 10DC80	○	○	○						
T121H	MF	4D30, 4D31, 4D32, 4D33, 4D34	○	○	○						
T123A	MI	6G71, 6G72	○	○	○						
T124H	MF	8DC2, 8DC4, 8DC6, 8DC7, 8DC8, 8DC9, 8DC20, 8DC40, 8DC60, 8DC61, 8DC70, 8DC80, 8DC81, 8DC82, 8DC90	○	○	○						
T126H	MF	S4S, S6S	○	○	○						
T127A	MI	3G81, 3G82, 3G83	○	○	○						
T128H	MF	S2E, S3E	○	○	○						
T129H	MF	6D16, 6D15-T	○	○	○						
T131A	MF	S4K, S6K	○								
T133A	MI	4M40, 4M41	○	○	○						
T135A	MI	4G91, 4G92, 4G93	○	○	○						
T139A	MI	4G63	○	○	○						
T140A	MI	4D56	○	○	○						
T142A	MI	6A12	○	○	○						
T145H	MF	4M50T, 4M51	○	○	○						
T155H	IS	DA120, DA220, DA220LA, DA640, DA640PN, DA640PP, DA640PT, DA640PR, DA640-T, GD150	○	○	○						
T157H	IS	C190, C223, C223-T, DL201, G201	○	○	○	○					
T160H	IS	2AA1, 2AB1, 2AE1, 3AA1, 3AB1, 3AD1, 3AD1-T, 3AE1, 3AF1, C221, C240	○	○	○						
T163H	IS	D920, DH100, DH100-T, E110, 6QA1, 6QA2	○	○	○						
T167H	IS	E120, E120-T, 6RA1, 6RB1	○	○	○						
T168H	IS	4BA1, 4BB1, 4BC1, 4BC2, C330, D500	○	○	○	○					
T169H	IS	C330, D500	○	○	○						
T171A1	IS	4FA1, 4FA1-T, 4FB1, 4FB1-T, 4FC1, 4FC1-T, 4FD1, 4FE1, 4FE1-T, 4FG1, G130, G150, G160, G161, G161W, G161Z, G180S, G180W(DOCH), G180Z, G200W(DOCH), G200Z, 4ZA1, 4ZB1, 4ZB1-T, 4ZC1, 4ZC1-T, 4ZD1, 4ZE1	○	○	○	○					
T173H	IS	4BA1, 4BB1, 4BC1, 4BC2, 4BD1, 4BD1-T, 4BE1, 4BE2, 4BG1, 6BB1, 6BD1, 6BD1-T, 6BF1, 6BF1-T, 6BG1, 6BG1-T	○	○	○	○					
T179H	IS	8PA1, 8PB1, 8PB1-T, 8PC1, 8PC1-T, 10PA1, 10PB1, 10PB1-T, 10PC1, 12PA1, 12PB1, 12PB1-T, 12PC1	○	○	○						
T181A	IS	4XC1, 4XC1-T, 4XE1	○	○	○						
T184A	IS	4JA1, 4JC1, 4JD1, 4JE1, 4JF1	○	○	○						
T185A	IS	4JB1, 4JBI-T	○	○	○						
T186H	IS	6SA1, 6SA1-T, 6SD1, 6SD1-T	○	○	○	○					
T187A	IS	4EC1	○	○	○						
T192A	IS	2KA1, 2KB1, 2KC1, 3KA1, 3KB1, 3KC1	○	○	○						
T201H	HI	DS50, DS60, DS70, DS80	○	○	○						
T202H	HI	DMIOO, DQ100	○	○	○						
T203P	HI	DK10, DK10A, DK10T, DK20, ED100, ED100-T	○	○	○						
T204P	HI	EB100, EB200, EB300	○	○	○						
T205H	HI	EC100, EH100, EH300, EH500, EH700	○	○	○						
T210H	HI	EF100, EF100-T, EF300	○	○	○						
T211P	HI	DK10, DK10A, DK10T, DK20, ED100, ED100-T, ER100, ER200	○	○	○						



## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
T212H	HI	EF100, EF100-T, EF300, EF350, EF500, EF700, EG100	○	○	○					
T213P	HI	EB300, EB400	○	○	○					
T214H	HI	EK100, EK200, K13C	○	○	○					
T215H	HI	EL100(OLD)	○	○	○					
T216H1	HI	W04D, W04DT, W06D, W06D-T, W06E	○	○	○					
T218H1	HI	H06C, H06C-T, H07C, H07D, J05C, J05C-T1, J07C, J08C	○	○	○					
T219H	HI	EL100, EM100, EP100, EP100-T	○	○	○					
T220H	HI	EF550, EF750('86 ~), EF750-T	○	○	○					
T221H	HI	EF550, EF750(~'86), EF750-T	○	○	○					
T227H	HI	P11C	○	○	○					
T255A	DA	AB10, AB11, AB20, AB30, AB31, AB35, AB40, AB50, AB51, AB55, AD, CB10, CB12, CB22, CB23, CB33, CB36, CB37, CB41, CB50-T, CL-10	○	○	○					
T275A	DA	DG	○	○	○					
T279A	DA	EB, EF	○	○	○					
T280A	DA	CB70-T, CL50-T, CL70-T	○	○	○					
T283A1	DA	HC, HD	○	○	○					
T284A	DA,TO	ED, EJ, K3, 1SZ, 2SZ	○	○	○					
T303A	MA	PB, TA, TB	○	○	○					
T304A	MA	MA, NA, UB, VB, VC	○	○	○	○				
T307A	MA	XA, XB, YA, ZB	○	○	○					
T310A	MA	PC, TC	○	○	○					
T312A	MA	HA, SL, SL-T	○	○	○	○				
T313A	MA	D5, E1, E3, E5, TC, UC	○	○	○	○				
T314A	MA	S2	○	○	○					
T316A	MA	R2, RF	○	○	○					
T317A	MA	B1, B3, B5, B6, B6-T, BJ, BP	○	○	○					
T324A	MA	PN	○	○	○					
T325A	MA	FS, FP	○	○	○					
T327A	MA	WL	○	○	○					
T401P	KO	4D120, 15TYPE	○	○	○					
T401RP	KO	4D130-1	○	○	○					
T402P	KO	CUMMINS, 6D130	○	○	○					
T403P	KO	4D92-1, 4D92-2, 4D92-3, 4D94-2	○	○	○					
T404A	KO	4D105-5, S4D105-5, 6D105-1, S6D105-1, SA6D110-1	○	○	○					
T408H	KO	4D95L, 4D95S, 6D95	○	○	○					
T412A	KO	4D94E	○	○	○					
T415A	KO	3D84E, 4D84E	○	○	○					
T417H	KO	S6D108	○	○	○					
T418A	KO	3D82E	○	○	○					
T451A1	HO	A18A, A20A, D12A, D13C, D15A, D15B, D15Z, EB1, EB5, EC, ED1, ED2, ED3, ED4, EE, EF, EJ, EK, EM, EN, EP, ER, ER-T, ES, ET, EV, EW('83 ~), EY	○	○	○					
T458A	HO	B18A, B20A, D16A1, ZC	○	○	○					
T459A	HO	C25A, C27A, F18B, F20B, F20A, F22B, F23A, G20A, H22A, G25A	○	○	○					
T468A	HO	B16A, B18A, L13A, L15A, LDA	○	○	○					
T469A	HO	K20A, K24A	○	○	○					
T472A	HO	E07A	○	○	○					
T651A	SZ	F5A, F8A, F8B, F10A, Y64	○	○	○	○				
T653A	SZ	F5A, F5A-T	○	○	○					
T655A	SZ	G10, G10-T, G13, G13B(DOHC)	○	○	○	○				
T657A	SZ	G15, G16	○	○	○					

TO:TOYOTA NI:NISSAN MI:SUBARU MF:SUBARU FUSO IS:SUZUKI HI:HINO MA:MAZDA HO:HONDA SB:SUBARU SZ:SUZUKI KO:KOMATSU DA:DAIHATSU ND:NISSAN DIESEL  
 HY:HYUNDAI KIA:KIA AS:ASIA DW:DAEWOO PT:PROTON

## Size Availability

TAIHO NO	MAKER	ENGINE MODEL	SIZE							
			STD	0125	025	050	075	100	125	150
T658A	SZ	F6A	○	○	○					
T661A	SZ	J18A, J20A, H20A, H25A, H27A	○	○	○					
T664A	SZ	M13A, M15A, M16A, M18A	○	○	○					
T702A	TO	1JZ-GE, 1JZ-GTE, 2JZ-GE, 2JZ-GTE	○	○	○					
T703A	TO	1RZ, 2RZ, 3RZ, 2TZ-FE	○	○	○					
T706A	TO	1HD-T, 1HZ, 1PZ	○	○	○					
T708A	TO	1FZ-FE	○	○	○					
T710A	TO	3S-FE, 5S-FE	○	○	○					
T712A	TO	1DZ(OLD)	○	○	○					
T713A	TO	1DZ(NEW)	○	○	○					
T715A	TO	1ZZ, 1ZR-FE, 2ZR-FE	○	○	○					
T719A	TO	1MZ	○	○	○					
T720A	TO	1KZ, 1KD, 2KD	○	○	○					
T721A	TO	1Z, 11Z	○	○	○					
T724A	TO	1AZ, 2AZ	○	○	○					
T729A	TO	1TR, 2TR	○	○	○					
T733A	TO	2UZ-FE	○	○	○					
T735A	TO	1KR	○	○	○					
T736A	TO	1GR-FE	○							
T737A	TO	1GR-FE	○							
T738A	TO	2GR-FSE, 2GR-FE, 3GR, 4GR, 5GR	○							
T748A	TO	1UR, 2UR, 3UR	○							
T801A	IS	4HF1, 6HE1, 6HH1, 6HK1	○	○	○	○				
T806A	IS	3KR1	○	○	○					
T810A	IS	6VD1	○	○	○					
T904A	MI	6A13	○							
T1050A	NI	YD22, 25	○	○	○					
T1051A	NI	ZD30	○	○	○					
T1052A	NI	QR	○	○	○					
T1054A	NI	MR18, MR20	○	○	○					
T1056A	NI	HR15DE	○	○	○					
T3001A	KIA	PRIDE B3	○	○	○					
T3003A	KIA	J2(PREGIO), D4BH	○	○	○					

**memo**

A series of horizontal dashed lines for writing.

**memo**

A series of horizontal dashed lines for writing.

**memo**

A series of horizontal dashed lines for writing.

# NEW LABEL

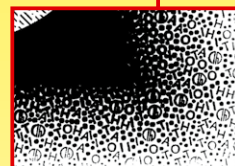
For only Thrust Washer and Bushing label.

TAIHO KOGYO CO., LTD. will change Set No. Label as shown in the picture.  
The New Label adopt latest Hologram Technology to protect our customer from inferior imitation.



Protect our customer from inferior imitation

## New Design



 **TAIHO KOGYO CO.,LTD.**

July-2015 Printed in Japan

NOTE: No change of current Main and Con-rod bearing label.



**TAIHO**

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