

***ENGINE PISTON***

**FEB-2015**

***KOREAN VEHICLES***



**WWW.CTR.CO.KR**



# INDEX

## NUMERICAL LISTING OF CTR STOCK NUMBER

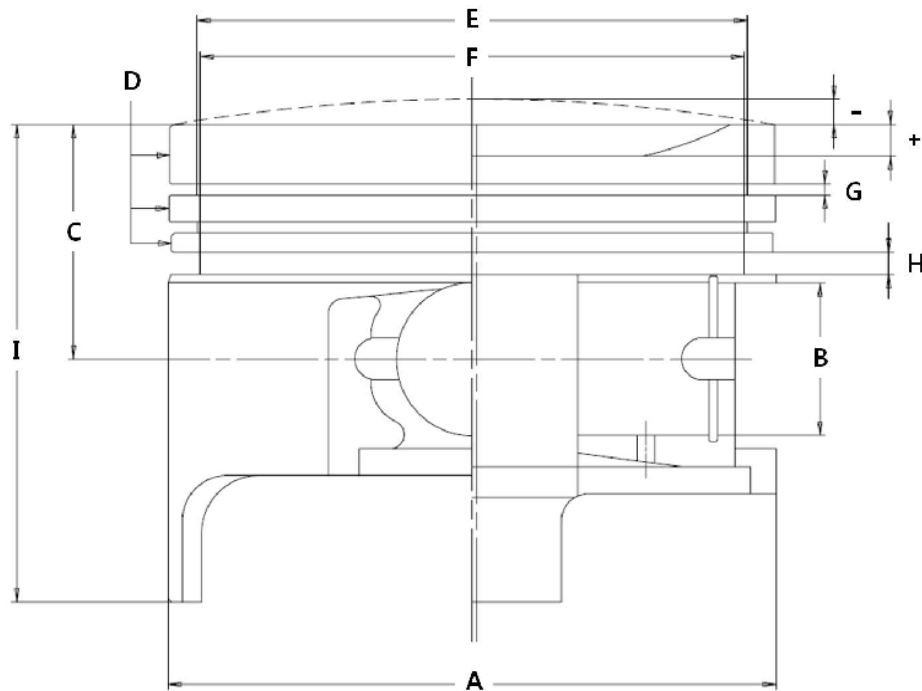
CTR TO O.E. WITH MODEL APPLICATION BY CAR MAKER

### CAR MODEL

Product numerical listing

Engine Piston

|                        |                      |
|------------------------|----------------------|
| <b>FOR KOREAN CARS</b> | <b>..... 1 - 40</b>  |
| <b>HYUNDAI</b>         | <b>..... 1 - 21</b>  |
| <b>KIA</b>             | <b>..... 22 - 32</b> |
| <b>GM KOREA</b>        | <b>..... 33 - 40</b> |
| <b>CROSS REFERENCE</b> | <b>..... 42 - 44</b> |



- A. Cylinder Bore Dia(D, D', D1, D2)**
- B. Piston Pin Dia**
- C. Compression Height**
- D. Ring Land(L1, L2, ...)**
- E. Comp. Ring Groove Dia(TOP, 2ND)**
- F. Oil Ring Groove Dia(OIL)**
- G. Comp. Ring Width**
- H. Oil Ring Width**
- I. Piston Length**
- + . Height of Dome**
- . Depth of Dish**

\* Note 1 : NUMBER IN LAST COLUMN(STD) SHOWS THAT HOW MUCH FIGURE ENLARGED COMPARED TO STANDARD PRODUCT.

D, D', D1, D2 : CYLINDER BORE DIAMETER

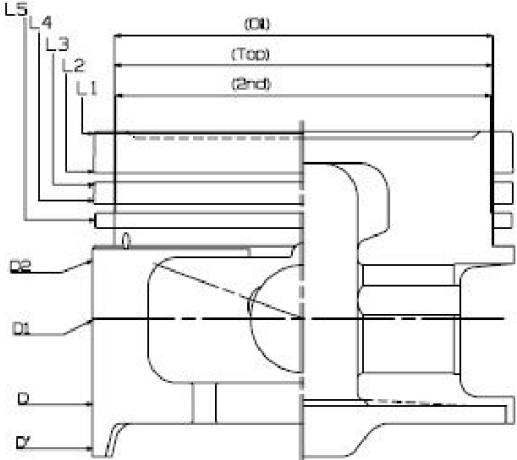
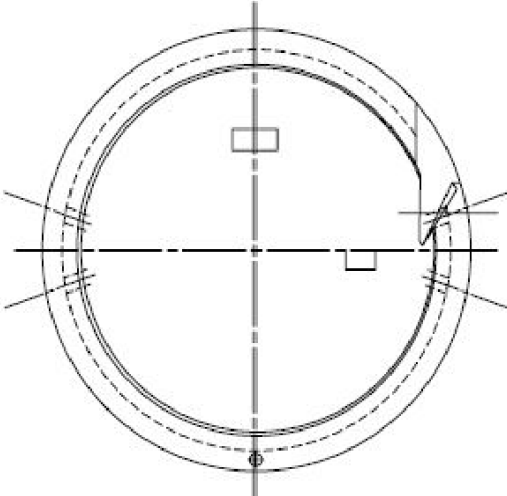
L1, L2, ... : RIGN LAND DIAMETER

TOP, 2ND : COMPRESSION RING GROOVE DIAMETER

OIL : OIL RING GROOVE DIAMETER

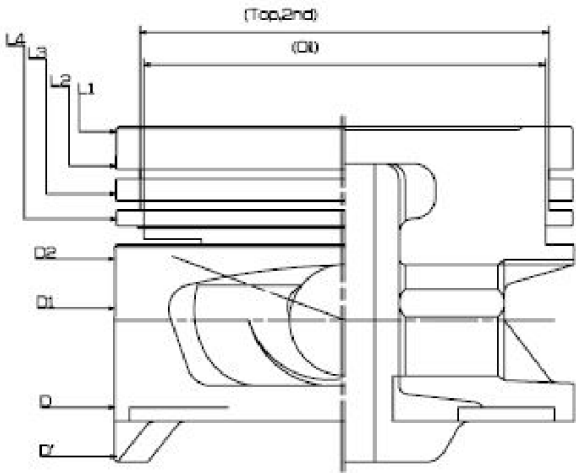
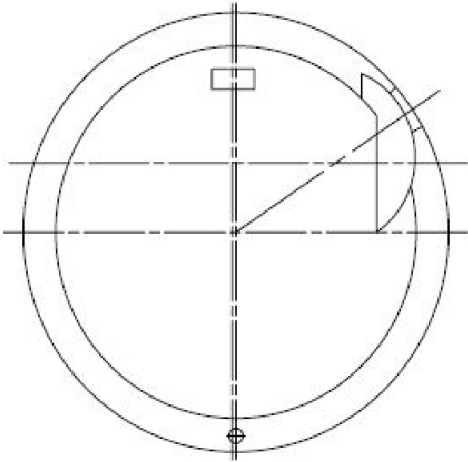
PISTON

HYUNDAI

| PISTON BLUEPRINT                                                                  |                            |                       | PISTON SHAPE                                                                       |       |        |      |        |              |     |             |        |       |
|-----------------------------------------------------------------------------------|----------------------------|-----------------------|------------------------------------------------------------------------------------|-------|--------|------|--------|--------------|-----|-------------|--------|-------|
|  |                            |                       |  |       |        |      |        |              |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.                 | Model                 | Cylinder                                                                           |       | Piston |      |        | Piston Rings |     | Piston Pins |        | STD   |
|                                                                                   |                            |                       | Num                                                                                | Dia   | Comp   | Dist | Length | Comp         | Oil | Dia         | Length |       |
| CXKH-1                                                                            | 23410-22260<br>23410-22360 | ACCENT 95-00 1.3 SOHC | 4                                                                                  | 71.50 | 31.3   | -1.1 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | STD   |
| CXKH-1-A                                                                          | 23410-22935                | ACCENT 95-00 1.3 SOHC | 4                                                                                  | 71.75 | 31.3   | -1.1 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | +0.25 |
| CXKH-1-B                                                                          | 23410-22936                | ACCENT 95-00 1.3 SOHC | 4                                                                                  | 72.00 | 31.3   | -1.1 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | +0.50 |
| CXKH-1-C                                                                          | 23410-22937                | ACCENT 95-00 1.3 SOHC | 4                                                                                  | 72.25 | 31.3   | -1.1 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | +0.75 |
| CXKH-1-D                                                                          | 23410-22938                | ACCENT 95-00 1.3 SOHC | 4                                                                                  | 72.50 | 31.3   | -1.1 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | +1.00 |
|                                                                                   |                            |                       |                                                                                    |       |        |      |        |              |     |             |        |       |
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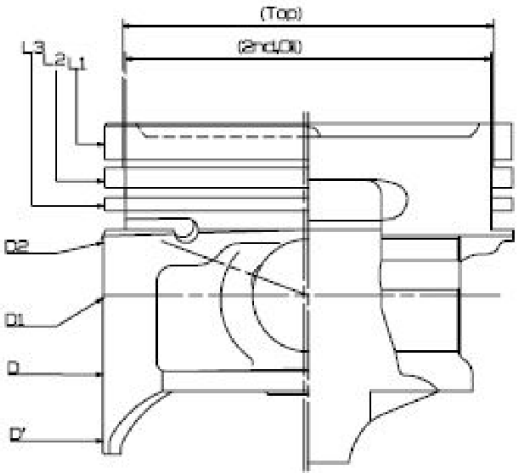
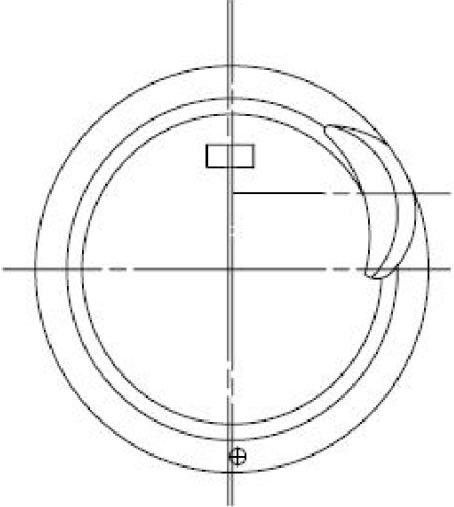
PISTON

HYUNDAI

| PISTON BLUEPRINT                                                                  |                            |                             |          | PISTON SHAPE                                                                       |        |      |        |              |     |             |        |       |
|-----------------------------------------------------------------------------------|----------------------------|-----------------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|--------------|-----|-------------|--------|-------|
|  |                            |                             |          |  |        |      |        |              |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.                 | Model                       | Cylinder |                                                                                    | Piston |      |        | Piston Rings |     | Piston Pins |        | STD   |
|                                                                                   |                            |                             | Num      | Dia                                                                                | Comp   | Dist | Length | Comp         | Oil | Dia         | Length |       |
| CXKH-3                                                                            | 23410-22460                | ACCENT I X-3 95-00 1.5 SOHC | 4        | 75.50                                                                              | 31.3   | -0.6 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | STD   |
| CXKH-3-A                                                                          | 23410-22955                | ACCENT I X-3 95-00 1.5 SOHC | 4        | 75.75                                                                              | 31.3   | -0.6 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | +0.25 |
| CXKH-3-B                                                                          | 23410-22956                | ACCENT I X-3 95-00 1.5 SOHC | 4        | 76.00                                                                              | 31.3   | -0.6 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | +0.50 |
| CXKH-3-C                                                                          | 23410-22903<br>23410-22957 | ACCENT I X-3 95-00 1.5 SOHC | 4        | 76.25                                                                              | 31.3   | -0.6 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | +0.75 |
| CXKH-3-D                                                                          | 23410-22958                | ACCENT I X-3 95-00 1.5 SOHC | 4        | 76.50                                                                              | 31.3   | -0.6 | 54.3   | 2X1.5        | 1X3 | 18          | 47.5   | +1.00 |
|                                                                                   |                            |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
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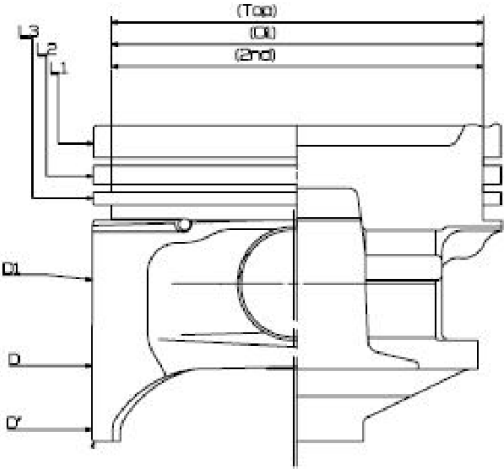
PISTON

HYUNDAI

| PISTON BLUEPRINT                                                                  |                            |                         |          | PISTON SHAPE                                                                       |        |      |        |                |       |             |        |       |
|-----------------------------------------------------------------------------------|----------------------------|-------------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|----------------|-------|-------------|--------|-------|
|  |                            |                         |          |  |        |      |        |                |       |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.                 | Model                   | Cylinder |                                                                                    | Piston |      |        | Piston Rings   |       | Piston Pins |        | STD   |
|                                                                                   |                            |                         | Num      | Dia                                                                                | Comp   | Dist | Length | Comp           | Oil   | Dia         | Length |       |
| CXKH-4                                                                            | 23410-02510<br>23410-02511 | ATOZ MX 98- 04 0.8 SOHC | 4        | 63.00                                                                              | 26     | -2.1 | 50     | 1X1.2<br>1X1.5 | 1X2.8 | 17          | 46     | STD   |
| CXKH-4-A                                                                          | 23410-02901<br>23410-02911 | ATOZ MX 98- 04 0.8 SOHC | 4        | 63.25                                                                              | 26     | -2.1 | 50     | 1X1.2<br>1X1.5 | 1X2.8 | 17          | 46     | +0.25 |
| CXKH-4-B                                                                          | 23410-02902<br>23410-02912 | ATOZ MX 98- 04 0.8 SOHC | 4        | 63.50                                                                              | 26     | -2.1 | 50     | 1X1.2<br>1X1.5 | 1X2.8 | 17          | 46     | +0.50 |
|                                                                                   |                            |                         |          |                                                                                    |        |      |        |                |       |             |        |       |
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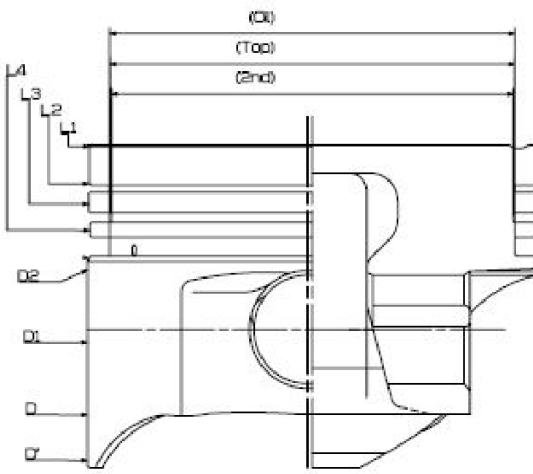
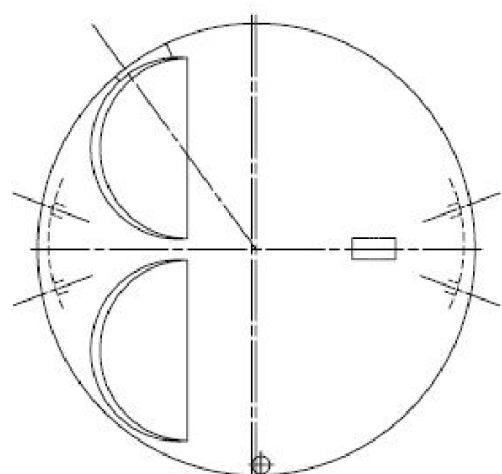
PISTON

HYUNDAI

| PISTON BLUEPRINT                                                                  |             |                        |          | PISTON SHAPE |        |      |        |              |       |             |        |       |
|-----------------------------------------------------------------------------------|-------------|------------------------|----------|--------------|--------|------|--------|--------------|-------|-------------|--------|-------|
|  |             |                        |          |              |        |      |        |              |       |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.  | Model                  | Cylinder |              | Piston |      |        | Piston Rings |       | Piston Pins |        | STD   |
|                                                                                   |             |                        | Num      | Dia          | Comp   | Dist | Length | Comp         | Oil   | Dia         | Length |       |
| CXKH-6                                                                            | 23410-02710 | ATOZ MX 98-02 1.0 SOHC | 4        | 66.00        | 25     | -4.5 | 50     | 2X1.2        | 1X2.5 | 17          | 46     | STD   |
| CXKH-6-A                                                                          | 23410-02931 | ATOZ MX 98-02 1.0 SOHC | 4        | 66.25        | 25     | -4.5 | 50     | 2X1.2        | 1X2.5 | 17          | 46     | +0.25 |
| CXKH-6-B                                                                          | 23410-02932 | ATOZ MX 98-02 1.0 SOHC | 4        | 66.50        | 25     | -4.5 | 50     | 2X1.2        | 1X2.5 | 17          | 46     | +0.50 |
|                                                                                   |             |                        |          |              |        |      |        |              |       |             |        |       |
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PISTON

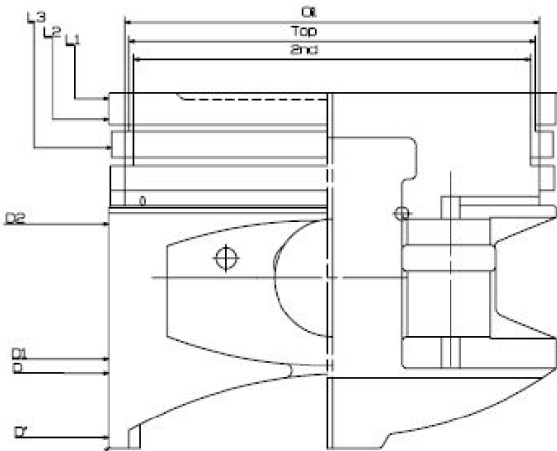
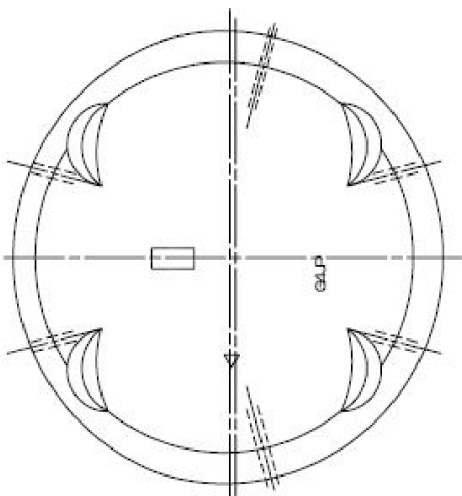
HYUNDAI

| PISTON BLUEPRINT                                                                  |             |                       |          | PISTON SHAPE                                                                       |        |      |        |                |     |             |        |       |
|-----------------------------------------------------------------------------------|-------------|-----------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|----------------|-----|-------------|--------|-------|
|  |             |                       |          |  |        |      |        |                |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.  | Model                 | Cylinder |                                                                                    | Piston |      |        | Piston Rings   |     | Piston Pins |        | STD   |
|                                                                                   |             |                       | Num      | Dia                                                                                | Comp   | Dist | Length | Comp           | Oil | Dia         | Length |       |
| CXKH-7                                                                            | 23410-26012 | AVANTE 95-00 1.5 DOHC | 4        | 75.50                                                                              | 30.5   | -    | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | STD   |
| CXKH-7-A                                                                          | 23410-26913 | AVANTE 95-00 1.5 DOHC | 4        | 75.75                                                                              | 30.5   | -    | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | +0.25 |
| CXKH-7-B                                                                          | 23410-26914 | AVANTE 95-00 1.5 DOHC | 4        | 76.00                                                                              | 30.5   | -    | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | +0.50 |
| CXKH-7-C                                                                          | 23410-26915 | AVANTE 95-00 1.5 DOHC | 4        | 76.25                                                                              | 30.5   | -    | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | +0.75 |
| CXKH-7-D                                                                          | 23410-26916 | AVANTE 95-00 1.5 DOHC | 4        | 76.50                                                                              | 30.5   | -    | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | +1.00 |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
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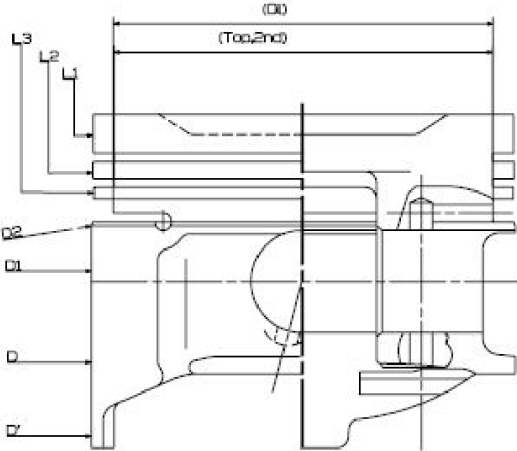
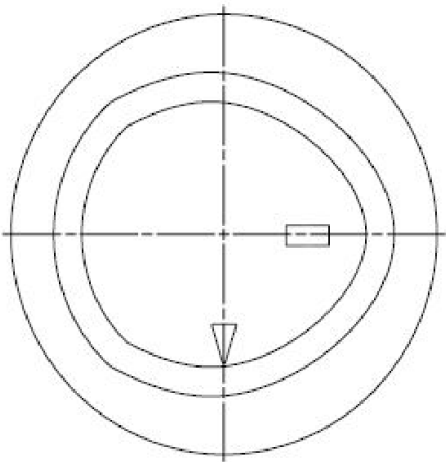
PISTON

HYUNDAI

| PISTON BLUEPRINT                                                                  |             |                          |          | PISTON SHAPE                                                                       |        |      |        |                |       |             |        |       |
|-----------------------------------------------------------------------------------|-------------|--------------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|----------------|-------|-------------|--------|-------|
|  |             |                          |          |  |        |      |        |                |       |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.  | Model                    | Cylinder |                                                                                    | Piston |      |        | Piston Rings   |       | Piston Pins |        | STD   |
|                                                                                   |             |                          | Num      | Dia                                                                                | Comp   | Dist | Length | Comp           | Oil   | Dia         | Length |       |
| CXKH-14                                                                           | 23410-38190 | EF SONATA 98-05 2.0 DOHC | 4        | 85.00                                                                              | 34.7   | -    | 66.6   | 1X1.2<br>1X1.5 | 1X2.8 | 22          | 64.3   | STD   |
| CXKH-14-A                                                                         | 23410-38920 | EF SONATA 98-05 2.0 DOHC | 4        | 85.25                                                                              | 34.7   | -    | 66.6   | 1X1.2<br>1X1.5 | 1X2.8 | 22          | 64.3   | +0.25 |
| CXKH-14-B                                                                         | 23410-38921 | EF SONATA 98-05 2.0 DOHC | 4        | 85.50                                                                              | 34.7   | -    | 66.6   | 1X1.2<br>1X1.5 | 1X2.8 | 22          | 64.3   | +0.50 |
|                                                                                   |             |                          |          |                                                                                    |        |      |        |                |       |             |        |       |
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|                                                                                   |             |                          |          |                                                                                    |        |      |        |                |       |             |        |       |

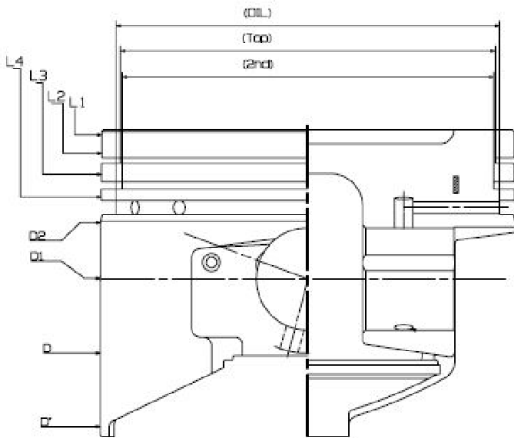
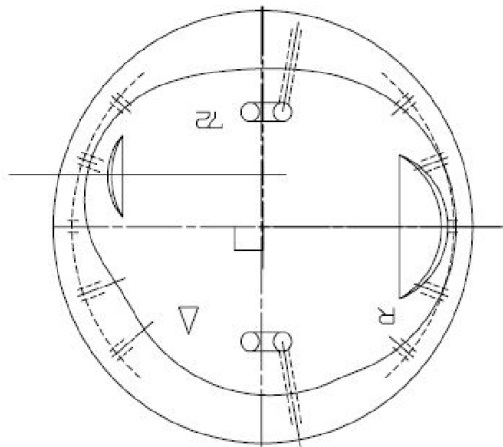
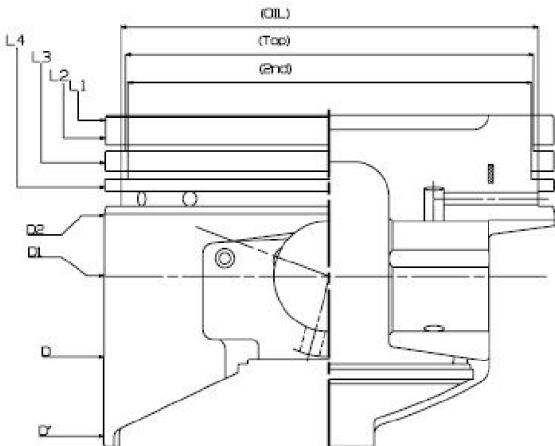
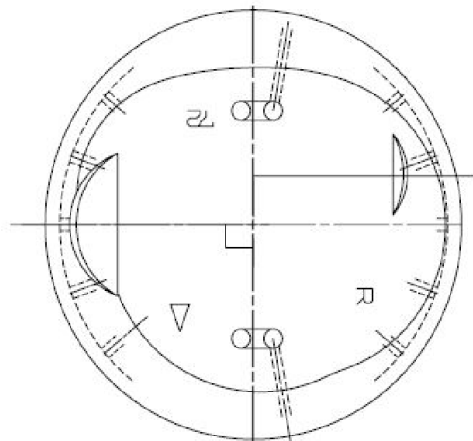
PISTON

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| PISTON BLUEPRINT                                                                  |             |                           |          | PISTON SHAPE                                                                       |        |      |        |              |     |             |        |       |
|-----------------------------------------------------------------------------------|-------------|---------------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|--------------|-----|-------------|--------|-------|
|  |             |                           |          |  |        |      |        |              |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.  | Model                     | Cylinder |                                                                                    | Piston |      |        | Piston Rings |     | Piston Pins |        | STD   |
|                                                                                   |             |                           | Num      | Dia                                                                                | Comp   | Dist | Length | Comp         | Oil | Dia         | Length |       |
| CXKH-15                                                                           | 23410-24110 | ELANTRA J1 90-95 1.5 SOHC | 4        | 75.50                                                                              | 29.5   | -3.6 | 58.5   | 2X1.5        | 1X4 | 18          | 60     | STD   |
| CXKH-15-A                                                                         | 23410-24911 | ELANTRA J1 90-95 1.5 SOHC | 4        | 75.75                                                                              | 29.5   | -3.6 | 58.5   | 2X1.5        | 1X4 | 18          | 60     | +0.25 |
| CXKH-15-B                                                                         | 23410-24912 | ELANTRA J1 90-95 1.5 SOHC | 4        | 76.00                                                                              | 29.5   | -3.6 | 58.5   | 2X1.5        | 1X4 | 18          | 60     | +0.50 |
| CXKH-15-C                                                                         | 23410-24913 | ELANTRA J1 90-95 1.5 SOHC | 4        | 76.25                                                                              | 29.5   | -3.6 | 58.5   | 2X1.5        | 1X4 | 18          | 60     | +0.75 |
| CXKH-15-D                                                                         | 23410-24914 | ELANTRA J1 90-95 1.5 SOHC | 4        | 76.50                                                                              | 29.5   | -3.6 | 58.5   | 2X1.5        | 1X4 | 18          | 60     | +1.00 |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                           |          |                                                                                    |        |      |        |              |     |             |        |       |
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# PISTON

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| PISTON BLUEPRINT                                                                    |             |                                                     |          | PISTON SHAPE                                                                         |        |      |        |                |     |             |        |     |
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|    |             |                                                     |          |    |        |      |        |                |     |             |        |     |
| CTR NO.                                                                             | O.E.M. NO.  | Model                                               | Cylinder |                                                                                      | Piston |      |        | Piston Rings   |     | Piston Pins |        | STD |
|                                                                                     |             |                                                     | Num      | Dia                                                                                  | Comp   | Dist | Length | Comp           | Oil | Dia         | Length |     |
| CXKH-16                                                                             | 23410-35215 | GALLOPER INNOVATION(VAN)<br>98-03 3.0 SOHC / OLD RH | V6       | 91.10                                                                                | 32.15  | -2.9 | 66.15  | 1X1.2<br>1X1.5 | 1X3 | 22          | 64     | STD |
|                                                                                     |             |                                                     |          |                                                                                      |        |      |        |                |     |             |        |     |
| PISTON BLUEPRINT                                                                    |             |                                                     |          | PISTON SHAPE                                                                         |        |      |        |                |     |             |        |     |
|  |             |                                                     |          |  |        |      |        |                |     |             |        |     |
| CTR NO.                                                                             | O.E.M. NO.  | Model                                               | Cylinder |                                                                                      | Piston |      |        | Piston Rings   |     | Piston Pins |        | STD |
|                                                                                     |             |                                                     | Num      | Dia                                                                                  | Comp   | Dist | Length | Comp           | Oil | Dia         | Length |     |
| CXKH-18                                                                             | 23410-35225 | GALLOPER INNOVATION(VAN)<br>98-03 3.0 SOHC / RH     | V6       | 91.10                                                                                | 32.15  | -2.9 | 66.15  | 1X1.2<br>1X1.5 | 1X3 | 22          | 64     | STD |
|                                                                                     |             |                                                     |          |                                                                                      |        |      |        |                |     |             |        |     |
|                                                                                     |             |                                                     |          |                                                                                      |        |      |        |                |     |             |        |     |

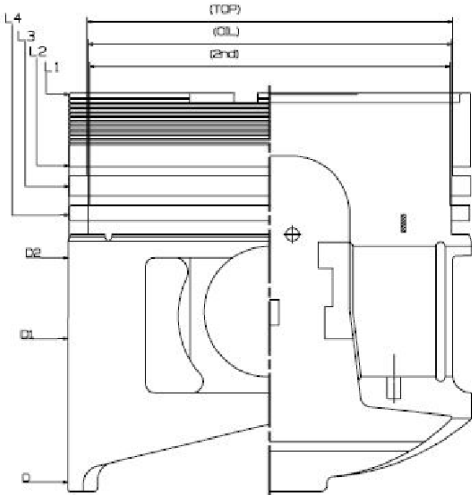
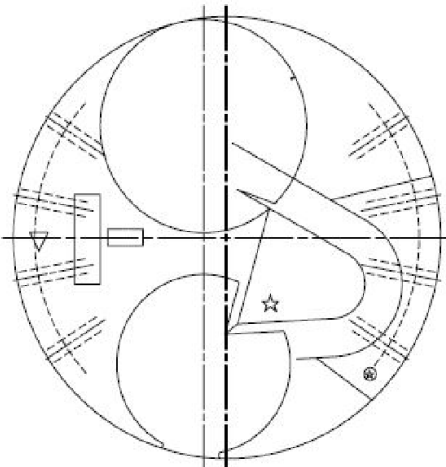
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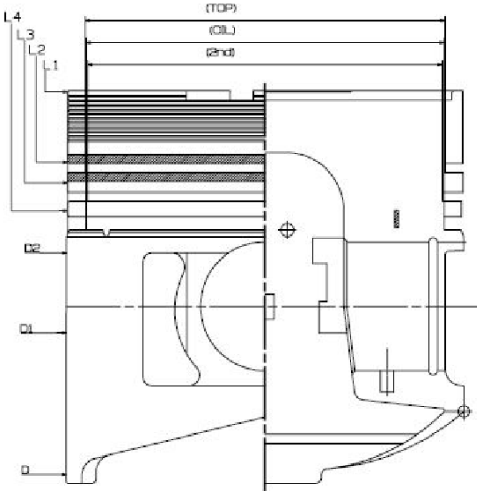
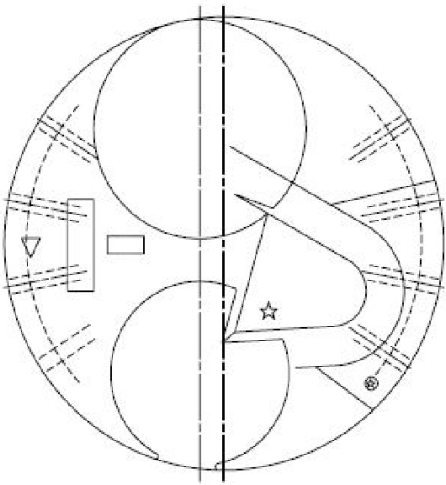
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| PISTON BLUEPRINT                                                                  |             |                             | PISTON SHAPE                                                                       |       |        |      |        |              |     |             |        |       |
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|  |             |                             |  |       |        |      |        |              |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.  | Model                       | Cylinder                                                                           |       | Piston |      |        | Piston Rings |     | Piston Pins |        | STD   |
|                                                                                   |             |                             | Num                                                                                | Dia   | Comp   | Dist | Length | Comp         | Oil | Dia         | Length |       |
| CXKH-32                                                                           | 23410-42200 | POTER 94-04 2.5 SOHC        | 4                                                                                  | 91.10 | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | STD   |
|                                                                                   | 23410-42211 | GRACE 95-03 2.5 SOHC        |                                                                                    |       |        | -2.4 |        |              |     |             |        |       |
|                                                                                   | 23410-42230 | (DFBA)                      |                                                                                    |       |        | -3.1 |        |              |     |             |        |       |
|                                                                                   | 23410-23411 |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
| CXKH-32-A                                                                         | 23410-42281 | GRACE 93-04 2.5 SOHC (D4BA) | 4                                                                                  | 91.35 | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | +0.25 |
|                                                                                   | 23410-42471 |                             |                                                                                    |       |        | -2.4 |        |              |     |             |        |       |
| CXKH-32-B                                                                         | 23410-42282 | GRACE 93-04 2.5 SOHC (D4BA) | 4                                                                                  | 91.60 | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | +0.50 |
|                                                                                   | 23410-42472 |                             |                                                                                    |       |        | -2.4 |        |              |     |             |        |       |
| CXKH-32-C                                                                         | 23410-42283 | POTER 94-04 2.5 SOHC        | 4                                                                                  | 91.85 | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | +0.75 |
|                                                                                   | 23410-42473 | GRACE 93-04 2.5 SOHC (DFBA) |                                                                                    |       |        | -2.4 |        |              |     |             |        |       |
| CXKH-32-D                                                                         | 23410-42284 | POTER 94-04 2.5 SOHC        | 4                                                                                  | 92.10 | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | +1.00 |
|                                                                                   | 23410-42474 | GRACE 93-04 2.5 SOHC (DFBA) |                                                                                    |       |        | -2.4 |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |                                                                                    |       |        |      |        |              |     |             |        |       |

# PISTON

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| PISTON BLUEPRINT                                                                  |             |                             |          | PISTON SHAPE                                                                       |        |      |        |              |     |             |        |       |
|-----------------------------------------------------------------------------------|-------------|-----------------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|--------------|-----|-------------|--------|-------|
|  |             |                             |          |  |        |      |        |              |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.  | Model                       | Cylinder |                                                                                    | Piston |      |        | Piston Rings |     | Piston Pins |        | STD   |
|                                                                                   |             |                             | Num      | Dia                                                                                | Comp   | Dist | Length | Comp         | Oil | Dia         | Length |       |
| CXKH-33                                                                           | 23410-42200 | POTER 94-04 2.5 SOHC        | 4        | 91.10                                                                              | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | STD   |
|                                                                                   | 23410-42211 | GRACE 93-04 2.5 SOHC        |          |                                                                                    |        | -2.4 |        |              |     |             |        |       |
|                                                                                   | 23410-42230 | (DFBA)                      |          |                                                                                    |        | -3.1 |        |              |     |             |        |       |
|                                                                                   | 23410-23411 |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
| CXKH-33-A                                                                         | 23410-42281 | POTER 94-04 2.5 SOHC        | 4        | 91.35                                                                              | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | +0.25 |
|                                                                                   | 23410-42471 |                             |          |                                                                                    |        | -2.4 |        |              |     |             |        |       |
| CXKH-33-B                                                                         | 23410-42282 | GRACE 93-04 2.5 SOHC        | 4        | 91.60                                                                              | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | +0.50 |
|                                                                                   | 23410-42472 |                             |          |                                                                                    |        | -2.4 |        |              |     |             |        |       |
| CXKH-33-C                                                                         | 23410-42283 | POTER 94-04 2.5 SOHC        | 4        | 91.85                                                                              | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | +0.75 |
|                                                                                   | 23410-42473 | GRACE 93-04 2.5 SOHC (DFBA) |          |                                                                                    |        | -2.4 |        |              |     |             |        |       |
| CXKH-33-D                                                                         | 23410-42284 | POTER 94-04 2.5 SOHC        | 4        | 92.10                                                                              | 48.7   | -1.8 | 88.7   | 2X2          | 1X3 | 29          | 75     | +1.00 |
|                                                                                   | 23410-42474 | GRACE 93-04 2.5 SOHC (DFBA) |          |                                                                                    |        | -2.4 |        |              |     |             |        |       |
| NOTE : MATARIAL OF TOP AND 2ND RING'S LAND IS STEEL                               |             |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |          |                                                                                    |        |      |        |              |     |             |        |       |
|                                                                                   |             |                             |          |                                                                                    |        |      |        |              |     |             |        |       |

PISTON

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| PISTON BLUEPRINT |            |                            | PISTON SHAPE |       |        |                    |        |              |     |             |        |     |
|------------------|------------|----------------------------|--------------|-------|--------|--------------------|--------|--------------|-----|-------------|--------|-----|
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
| CTR NO.          | O.E.M. NO. | Model                      | Cylinder     |       | Piston |                    |        | Piston Rings |     | Piston Pins |        | STD |
|                  |            |                            | Num          | Dia   | Comp   | Dist               | Length | Comp         | Oil | Dia         | Length |     |
| CXKH-36          | MD103318   | POTER 87-97 1.25T 2.5 SOHC | 4            | 91.10 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.6<br>1X2 | 1X4 | 29          | 75     | STD |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
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|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
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|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
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|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
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|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
|                  |            |                            |              |       |        |                    |        |              |     |             |        |     |
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PISTON

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| PISTON BLUEPRINT |             |                             |          |       |        | PISTON SHAPE       |        |                |     |             |        |       |
|------------------|-------------|-----------------------------|----------|-------|--------|--------------------|--------|----------------|-----|-------------|--------|-------|
|                  |             |                             |          |       |        |                    |        |                |     |             |        |       |
| CTR NO.          | O.E.M. NO.  | Model                       | Cylinder |       | Piston |                    |        | Piston Rings   |     | Piston Pins |        | STD   |
|                  |             |                             | Num      | Dia   | Comp   | Dist               | Length | Comp           | Oil | Dia         | Length |       |
| CXKH-39          | 23410-42860 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 91.10 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | STD   |
| CXKH-39-A        | 23410-42891 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 91.35 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | +0.25 |
| CXKH-39-B        | 23410-42892 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 91.60 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | +0.50 |
| CXKH-39-C        | 23410-42893 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 91.85 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | +0.75 |
| CXKH-39-D        | 23410-42894 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 92.10 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | +1.00 |
|                  |             |                             |          |       |        |                    |        |                |     |             |        |       |
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PISTON

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| PISTON BLUEPRINT                                    |             |                             |          |       |        | PISTON SHAPE       |        |                |     |             |        |       |
|-----------------------------------------------------|-------------|-----------------------------|----------|-------|--------|--------------------|--------|----------------|-----|-------------|--------|-------|
|                                                     |             |                             |          |       |        |                    |        |                |     |             |        |       |
| CTR NO.                                             | O.E.M. NO.  | Model                       | Cylinder |       | Piston |                    |        | Piston Rings   |     | Piston Pins |        | STD   |
|                                                     |             |                             | Num      | Dia   | Comp   | Dist               | Length | Comp           | Oil | Dia         | Length |       |
| CXKH-40                                             | 23410-42860 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 91.10 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | STD   |
| CXKH-40-A                                           | 23410-42891 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 91.35 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | +0.25 |
| CXKH-40-B                                           | 23410-42892 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 91.60 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | +0.50 |
| CXKH-40-C                                           | 23410-42893 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 91.85 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | +0.75 |
| CXKH-40-D                                           | 23410-42894 | POTER 96-03 2.5 SOHC (D4BF) | 4        | 92.10 | 48.7   | -2.3<br>-2.6<br>-3 | 88.7   | 1X2.5k<br>1X2k | 1X4 | 29          | 75     | +1.00 |
| NOTE : MATARIAL OF TOP AND 2ND RING'S LAND IS STEEL |             |                             |          |       |        |                    |        |                |     |             |        |       |
|                                                     |             |                             |          |       |        |                    |        |                |     |             |        |       |
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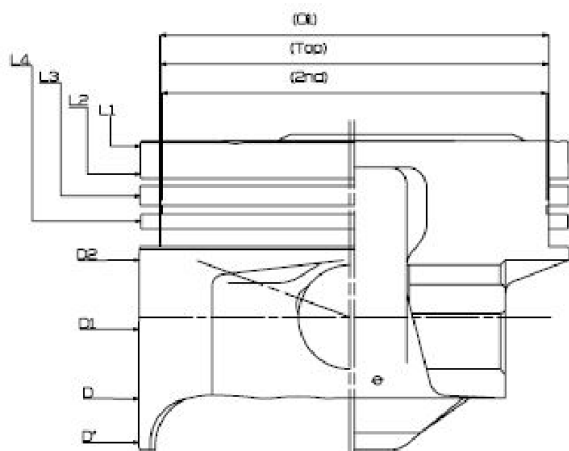
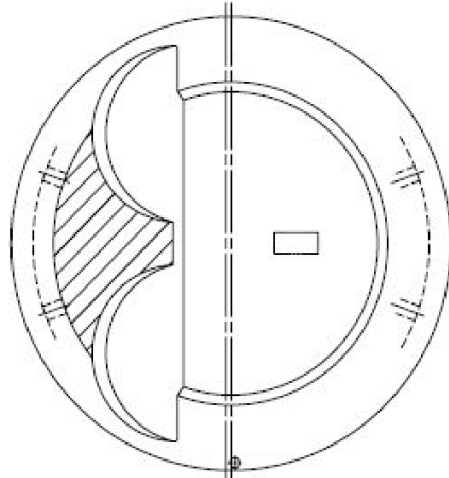
PISTON

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| PISTON BLUEPRINT |                            |                         | PISTON SHAPE |       |        |      |        |              |     |             |        |       |
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|                  |                            |                         |              |       |        |      |        |              |     |             |        |       |
| CTR NO.          | O.E.M. NO.                 | Model                   | Cylinder     |       | Piston |      |        | Piston Rings |     | Piston Pins |        | STD   |
|                  |                            |                         | Num          | Dia   | Comp   | Dist | Length | Comp         | Oil | Dia         | Length |       |
| CXKH-51          | 23410-22712<br>23410-22840 | VERNA LC 00-06 1.3 SOHC | 4            | 71.50 | 30.8   | -0.7 | 53.8   | 2X1.5        | 1X3 | 18          | 47.5   | STD   |
| CXKH-51-A        | 23410-22971                | VERNA LC 00-06 1.3 SOHC | 4            | 71.75 | 30.8   | -0.7 | 53.8   | 2X1.5        | 1X3 | 18          | 47.5   | +0.25 |
| CXKH-51-B        | 23410-22972                | VERNA LC 00-06 1.3 SOHC | 4            | 72.00 | 30.8   | -0.7 | 53.8   | 2X1.5        | 1X3 | 18          | 47.5   | +0.50 |
|                  |                            |                         |              |       |        |      |        |              |     |             |        |       |
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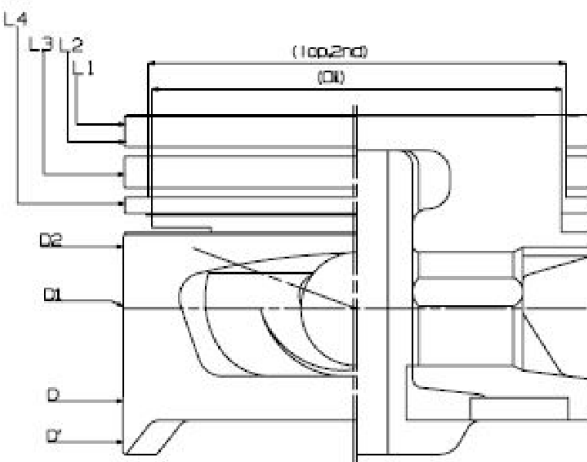
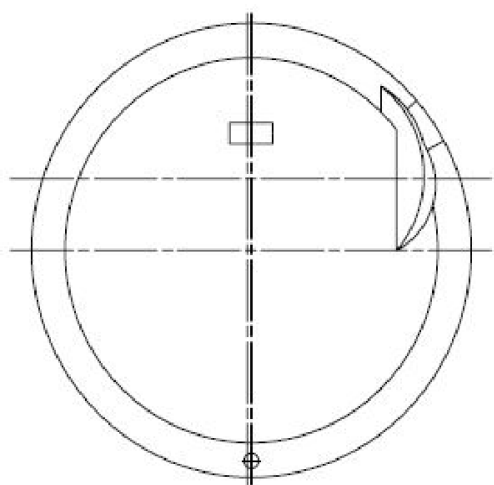
# PISTON

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| PISTON BLUEPRINT                                                                  |                                                          |                         |          | PISTON SHAPE                                                                       |        |      |        |                |     |             |        |       |
|-----------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|----------------|-----|-------------|--------|-------|
|  |                                                          |                         |          |  |        |      |        |                |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.                                               | Model                   | Cylinder |                                                                                    | Piston |      |        | Piston Rings   |     | Piston Pins |        | STD   |
|                                                                                   |                                                          |                         | Num      | Dia                                                                                | Comp   | Dist | Length | Comp           | Oil | Dia         | Length |       |
| CXKH-53                                                                           | 23410-26013<br>23410-26014<br>23410-26611<br>23410-26612 | VERNA LC 00-06 1.5 DOHC | 4        | 75.50                                                                              | 30.5   | +1.1 | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | STD   |
| CXKH-53-A                                                                         | 23410-26917<br>23410-26961                               | VERNA LC 00-06 1.5 DOHC | 4        | 75.75                                                                              | 30.5   | +1.1 | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | +0.25 |
| CXKH-53-B                                                                         | 23410-26918<br>23410-26962                               | VERNA LC 00-06 1.5 DOHC | 4        | 76.00                                                                              | 30.5   | +1.1 | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | +0.50 |
| CXKH-53-C                                                                         | 23410-26919<br>23410-26963                               | VERNA LC 00-06 1.5 DOHC | 4        | 76.25                                                                              | 30.5   | +1.1 | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | +0.75 |
| CXKH-53-D                                                                         | 23410-26920<br>23410-26964                               | VERNA LC 00-06 1.5 DOHC | 4        | 76.50                                                                              | 30.5   | +1.1 | 53.5   | 1X1.2<br>1X1.5 | 1X3 | 18          | 47.5   | +1.00 |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |                                                          |                         |          |                                                                                    |        |      |        |                |     |             |        |       |
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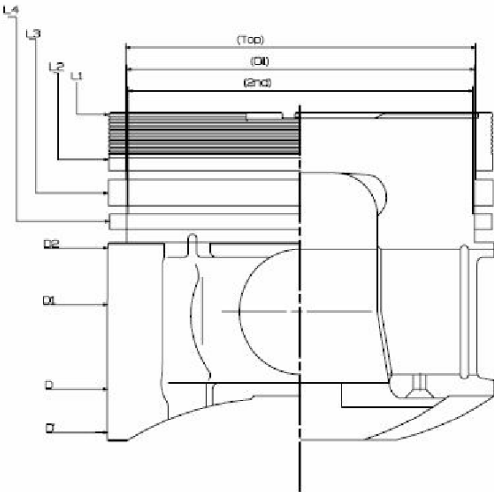
PISTON

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| PISTON BLUEPRINT                                                                  |                            |                         | PISTON SHAPE                                                                       |       |        |      |        |              |     |             |        |       |
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|  |                            |                         |  |       |        |      |        |              |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.                 | Model                   | Cylinder                                                                           |       | Piston |      |        | Piston Rings |     | Piston Pins |        | STD   |
|                                                                                   |                            |                         | Num                                                                                | Dia   | Comp   | Dist | Length | Comp         | Oil | Dia         | Length |       |
| CXKH-57                                                                           | 23410-22612<br>23410-22613 | VERNA LC 00-06 1.5 SOHC | 4                                                                                  | 75.50 | 30.75  | -0.6 | 53.8   | 2X1.5        | 1X3 | 18          | 47.5   | STD   |
| CXKH-57-A                                                                         | 23410-22961                | VERNA LC 00-06 1.5 SOHC | 4                                                                                  | 75.75 | 30.75  | -0.6 | 53.8   | 2X1.5        | 1X3 | 18          | 47.5   | +0.25 |
| CXKH-57-B                                                                         | 23410-22962                | VERNA LC 00-06 1.5 SOHC | 4                                                                                  | 76.00 | 30.75  | -0.6 | 53.8   | 2X1.5        | 1X3 | 18          | 47.5   | +0.50 |
| CXKH-57-C                                                                         | 23410-22963                | VERNA LC 00-06 1.5 SOHC | 4                                                                                  | 76.25 | 30.75  | -0.6 | 53.8   | 2X1.5        | 1X3 | 18          | 47.5   | +0.75 |
|                                                                                   |                            |                         |                                                                                    |       |        |      |        |              |     |             |        |       |
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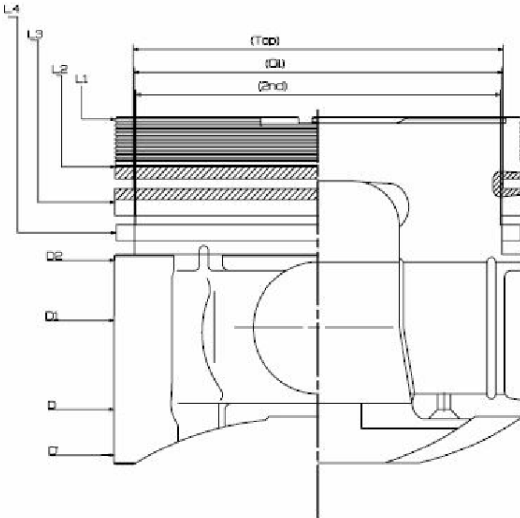
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| PISTON BLUEPRINT                                                                  |                            |                              |          |       | PISTON SHAPE |                    |        |              |     |             |        |       |  |
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|  |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
| CTR NO.                                                                           | O.E.M. NO.                 | Model                        | Cylinder |       | Piston       |                    |        | Piston Rings |     | Piston Pins |        | STD   |  |
|                                                                                   |                            |                              | Num      | Dia   | Comp         | Dist               | Length | Comp         | Oil | Dia         | Length |       |  |
| CXKH-59                                                                           | 23410-42701<br>23410-42703 | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 91.10 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | STD   |  |
| CXKH-59-A                                                                         | 23410-42791                | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 91.35 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | +0.25 |  |
| CXKH-59-B                                                                         | 23410-42792                | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 91.60 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | +0.50 |  |
| CXKH-59-C                                                                         | 23410-42793                | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 91.85 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | +0.75 |  |
| CXKH-59-D                                                                         | 23410-42794                | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 92.10 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | +1.00 |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |  |

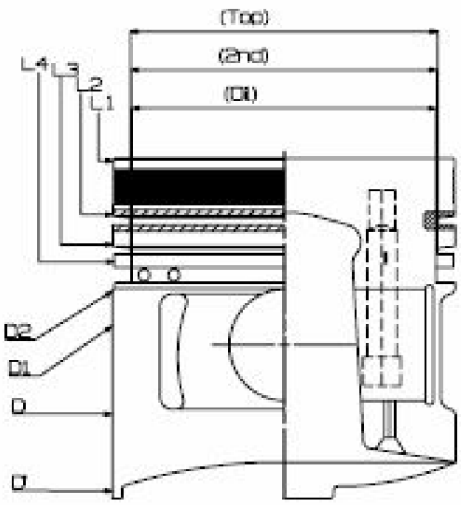
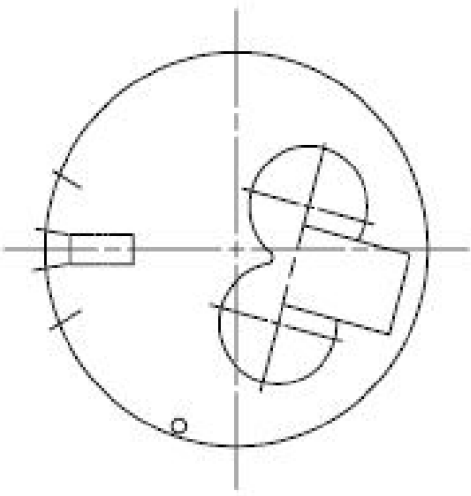
PISTON

HYUNDAI

| PISTON BLUEPRINT                                                                  |                            |                              |          |       | PISTON SHAPE |                    |        |              |     |             |        |       |
|-----------------------------------------------------------------------------------|----------------------------|------------------------------|----------|-------|--------------|--------------------|--------|--------------|-----|-------------|--------|-------|
|  |                            |                              |          |       |              |                    |        |              |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.                 | Model                        | Cylinder |       | Piston       |                    |        | Piston Rings |     | Piston Pins |        | STD   |
|                                                                                   |                            |                              | Num      | Dia   | Comp         | Dist               | Length | Comp         | Oil | Dia         | Length |       |
| CXKH-60                                                                           | 23410-42701<br>23410-42703 | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 91.10 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | STD   |
| CXKH-60-A                                                                         | 23410-42791                | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 91.35 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | +0.25 |
| CXKH-60-B                                                                         | 23410-42792                | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 91.60 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | +0.50 |
| CXKH-60-C                                                                         | 23410-42793                | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 91.85 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | +0.75 |
| CXKH-60-D                                                                         | 23410-42794                | PORTER 94-04 2.6 SOHC (D4BB) | 4        | 92.10 | 46.2         | -1.8<br>-2.2<br>-3 | 76.2   | 2X2          | 1X3 | 29          | 75     | +1.00 |
| NOTE : MATARIAL OF TOP AND 2ND RING'S LAND IS STEEL                               |                            |                              |          |       |              |                    |        |              |     |             |        |       |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |
|                                                                                   |                            |                              |          |       |              |                    |        |              |     |             |        |       |

PISTON

HYUNDAI

| PISTON BLUEPRINT                                                                  |             |                       |          | PISTON SHAPE                                                                       |        |      |        |                |     |             |        |       |
|-----------------------------------------------------------------------------------|-------------|-----------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|----------------|-----|-------------|--------|-------|
|  |             |                       |          |  |        |      |        |                |     |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.  | Model                 | Cylinder |                                                                                    | Piston |      |        | Piston Rings   |     | Piston Pins |        | STD   |
|                                                                                   |             |                       | Num      | Dia                                                                                | Comp   | Dist | Length | Comp           | Oil | Dia         | Length |       |
| CXKH-61                                                                           | 23410-42170 | TERRACAN HP 01-07 3.5 | V6       | 91.10                                                                              | 48.7   | -    | 88.7   | 1X2.5k<br>1X2k | 1X4 | 75          | 29     | STD   |
| CXKH-61-A                                                                         | 23410-42591 | TERRACAN HP 01-07 3.5 | V6       | 91.60                                                                              | 48.7   | -    | 88.7   | 1X2.5k<br>1X2k | 1X4 | 75          | 29     | +0.50 |
| CXKH-61-B                                                                         | 23410-42592 | TERRACAN HP 01-07 3.5 | V6       | 92.10                                                                              | 48.7   | -    | 88.7   | 1X2.5k<br>1X2k | 1X4 | 75          | 29     | +1.00 |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |
|                                                                                   |             |                       |          |                                                                                    |        |      |        |                |     |             |        |       |

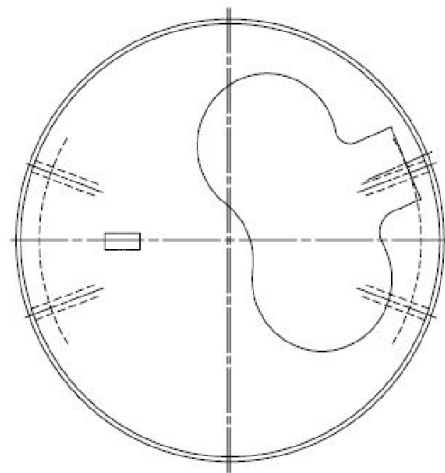
PISTON

HYUNDAI

| PISTON BLUEPRINT |             |                       |          | PISTON SHAPE |        |      |        |                |     |             |        |       |
|------------------|-------------|-----------------------|----------|--------------|--------|------|--------|----------------|-----|-------------|--------|-------|
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
| CTR NO.          | O.E.M. NO.  | Model                 | Cylinder |              | Piston |      |        | Piston Rings   |     | Piston Pins |        | STD   |
|                  |             |                       | Num      | Dia          | Comp   | Dist | Length | Comp           | Oil | Dia         | Length |       |
| CXKH-62          | 23430-42170 | TERRACAN HP 01-07 3.5 | V6       | 91.10        | 48.7   | -    | 88.7   | 1X2.5k<br>1X2k | 1X4 | 75          | 29     | STD   |
| CXKH-62-A        | 23410-42593 | TERRACAN HP 01-07 3.5 | V6       | 91.60        | 48.7   | -    | 88.7   | 1X2.5k<br>1X2k | 1X4 | 75          | 29     | +0.50 |
| CXKH-62-B        | 23410-42594 | TERRACAN HP 01-07 3.5 | V6       | 92.10        | 48.7   | -    | 88.7   | 1X2.5k<br>1X2k | 1X4 | 75          | 29     | +1.00 |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |
|                  |             |                       |          |              |        |      |        |                |     |             |        |       |



**KIA**

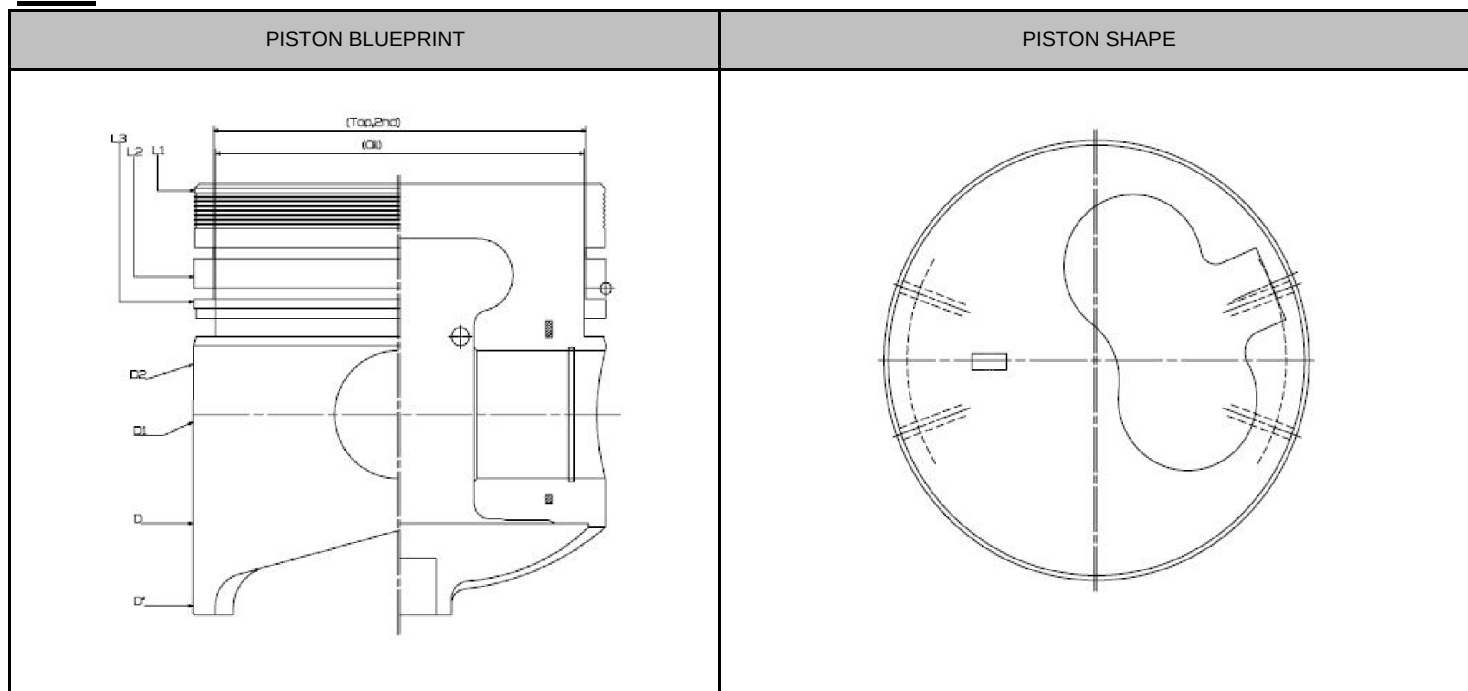


NOTE : MATERIAL OF TOP RING'S LAND IS STEEL

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# PISTON

## KIA



| CTR NO.  | O.E.M. NO. | Model                                     | Cylinder |       | Piston |      |        | Piston Rings |     | Piston Pins |        | STD   |
|----------|------------|-------------------------------------------|----------|-------|--------|------|--------|--------------|-----|-------------|--------|-------|
|          |            |                                           | Num      | Dia   | Comp   | Dist | Length | Comp         | Oil | Dia         | Length |       |
| CXKK-3   | 0K7Z011SA0 | BONGO 95-05 (POWER) / SF(Normal) 2.4 SOHC | 4        | 92    | 50.6   | -    | 94.5   | 2X2.4        | 1X4 | 28          | 75     | STD   |
| CXKK-3-A | 0K7Z011SB0 | BONGO 95-05 (POWER) / SF(Normal) 2.4 SOHC | 4        | 92.25 | 50.6   | -    | 94.5   | 2X2.4        | 1X4 | 28          | 75     | +0.25 |
| CXKK-3-B | 0K7Z011SBX | BONGO 95-05 (POWER) / SF(Normal) 2.4 SOHC | 4        | 92.50 | 50.6   | -    | 94.5   | 2X2.4        | 1X4 | 28          | 75     | +0.50 |
| CXKK-3-C | 0K7Z011SBY | BONGO 95-05 (POWER) / SF(Normal) 2.4 SOHC | 4        | 92.75 | 50.6   | -    | 94.5   | 2X2.4        | 1X4 | 28          | 75     | +0.75 |
| CXKK-3-D | 0K7Z011SBZ | BONGO 95-05 (POWER) / SF(Normal) 2.4 SOHC | 4        | 93.00 | 50.6   | -    | 94.5   | 2X2.4        | 1X4 | 28          | 75     | +1.00 |

NOTE : MATARIAL OF TOP RING'S LAND IS NOT STEEL

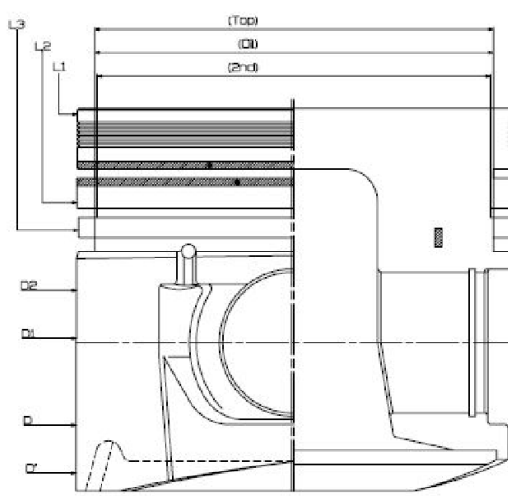
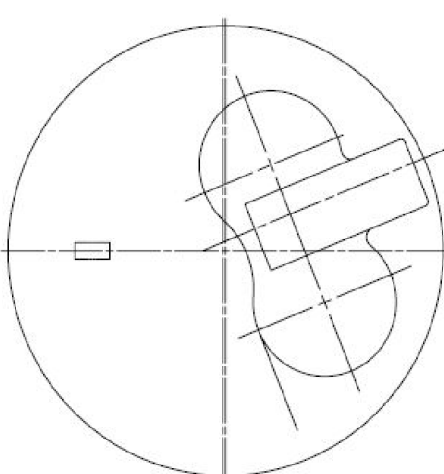
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**KIA**

24

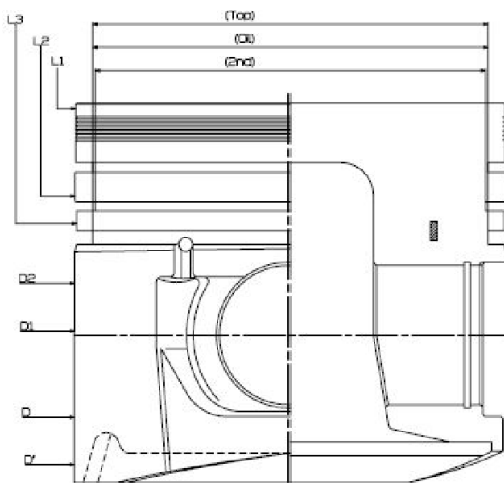
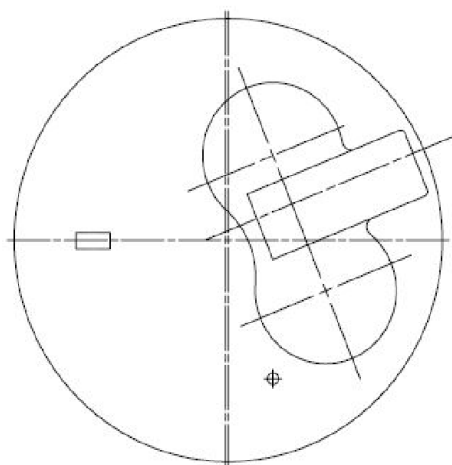
# PISTON

## KIA

| PISTON BLUEPRINT                                                                  |            |                                 |          |       |        | PISTON SHAPE                                                                       |        |              |     |             |        |       |  |
|-----------------------------------------------------------------------------------|------------|---------------------------------|----------|-------|--------|------------------------------------------------------------------------------------|--------|--------------|-----|-------------|--------|-------|--|
|  |            |                                 |          |       |        |  |        |              |     |             |        |       |  |
| CTR NO.                                                                           | O.E.M. NO. | Model                           | Cylinder |       | Piston |                                                                                    |        | Piston Rings |     | Piston Pins |        | STD   |  |
|                                                                                   |            |                                 | Num      | Dia   | Comp   | Dist                                                                               | Length | Comp         | Oil | Dia         | Length |       |  |
| CXKK-7                                                                            | 0K6Z111SA0 | PREGIO 95-07 / JS(I.R) 2.7 SOHC | 4        | 94.50 | 50     | -2<br>-3.4                                                                         | 84.6   | 2X2          | 1X3 | 30          | 76     | STD   |  |
| CXKK-7-A                                                                          | 0K6Z111SB0 | PREGIO 95-07 / JS(I.R) 2.7 SOHC | 4        | 94.75 | 50     | -2<br>-3.4                                                                         | 84.6   | 2X2          | 1X3 | 30          | 76     | +0.25 |  |
| CXKK-7-B                                                                          | 0K6Z111SBX | PREGIO 95-07 / JS(I.R) 2.7 SOHC | 4        | 95.00 | 50     | -2<br>-3.4                                                                         | 84.6   | 2X2          | 1X3 | 30          | 76     | +0.50 |  |
| CXKK-7-C                                                                          | 0K6Z111SBY | PREGIO 95-07 / JS(I.R) 2.7 SOHC | 4        | 95.25 | 50     | -2<br>-3.4                                                                         | 84.6   | 2X2          | 1X3 | 30          | 76     | +0.75 |  |
| CXKK-7-D                                                                          | 0K6Z111SBZ | PREGIO 95-07 / JS(I.R) 2.7 SOHC | 4        | 95.50 | 50     | -2<br>-3.4                                                                         | 84.6   | 2X2          | 1X3 | 30          | 76     | +1.00 |  |
| NOTE : MATARIAL OF TOP RING'S LAND IS STEEL                                       |            |                                 |          |       |        |                                                                                    |        |              |     |             |        |       |  |
|                                                                                   |            |                                 |          |       |        |                                                                                    |        |              |     |             |        |       |  |
|                                                                                   |            |                                 |          |       |        |                                                                                    |        |              |     |             |        |       |  |
|                                                                                   |            |                                 |          |       |        |                                                                                    |        |              |     |             |        |       |  |
|                                                                                   |            |                                 |          |       |        |                                                                                    |        |              |     |             |        |       |  |
|                                                                                   |            |                                 |          |       |        |                                                                                    |        |              |     |             |        |       |  |
|                                                                                   |            |                                 |          |       |        |                                                                                    |        |              |     |             |        |       |  |
|                                                                                   |            |                                 |          |       |        |                                                                                    |        |              |     |             |        |       |  |

# PISTON

## KIA

| PISTON BLUEPRINT                                                                  |            |                                    |          | PISTON SHAPE                                                                       |        |            |        |              |     |             |        |       |  |
|-----------------------------------------------------------------------------------|------------|------------------------------------|----------|------------------------------------------------------------------------------------|--------|------------|--------|--------------|-----|-------------|--------|-------|--|
|  |            |                                    |          |  |        |            |        |              |     |             |        |       |  |
| CTR NO.                                                                           | O.E.M. NO. | Model                              | Cylinder |                                                                                    | Piston |            |        | Piston Rings |     | Piston Pins |        | STD   |  |
|                                                                                   |            |                                    | Num      | Dia                                                                                | Comp   | Dist       | Length | Comp         | Oil | Dia         | Length |       |  |
| CXKK-8                                                                            | 0K6Z111SA0 | PREGIO 95-07 / JS(Normal) 2.7 SOHC | 4        | 94.50                                                                              | 50     | -2<br>-3.4 | 84.6   | 2X2          | 1X3 | 30          | 76     | STD   |  |
| CXKK-8-A                                                                          | 0K6Z111SB0 | PREGIO 95-07 / JS(Normal) 2.7 SOHC | 4        | 94.75                                                                              | 50     | -2<br>-3.4 | 84.6   | 2X2          | 1X3 | 30          | 76     | +0.25 |  |
| CXKK-8-B                                                                          | 0K6Z111SBX | PREGIO 95-07 / JS(Normal) 2.7 SOHC | 4        | 95.00                                                                              | 50     | -2<br>-3.4 | 84.6   | 2X2          | 1X3 | 30          | 76     | +0.50 |  |
| CXKK-8-C                                                                          | 0K6Z111SBY | PREGIO 95-07 / JS(Normal) 2.7 SOHC | 4        | 95.25                                                                              | 50     | -2<br>-3.4 | 84.6   | 2X2          | 1X3 | 30          | 76     | +0.75 |  |
| CXKK-8-D                                                                          | 0K6Z111SBZ | PREGIO 95-07 / JS(Normal) 2.7 SOHC | 4        | 95.50                                                                              | 50     | -2<br>-3.4 | 84.6   | 2X2          | 1X3 | 30          | 76     | +1.00 |  |
| NOTE : MATARIAL OF TOP RING'S LAND IS NOT STEEL                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |
|                                                                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |
|                                                                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |
|                                                                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |
|                                                                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |
|                                                                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |
|                                                                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |
|                                                                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |
|                                                                                   |            |                                    |          |                                                                                    |        |            |        |              |     |             |        |       |  |

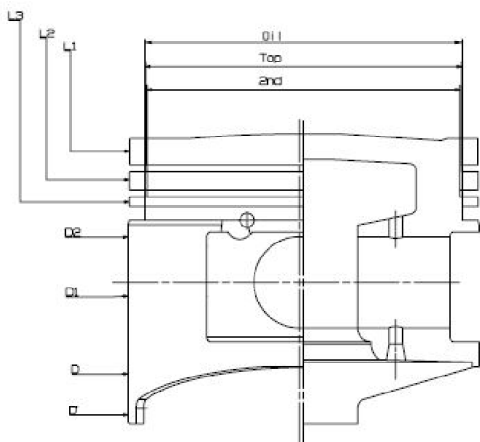
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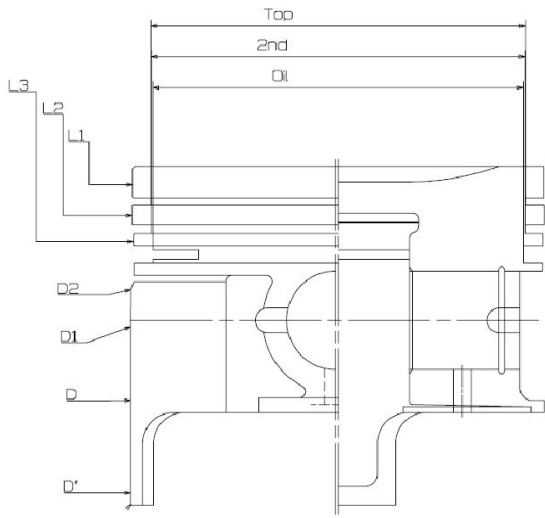
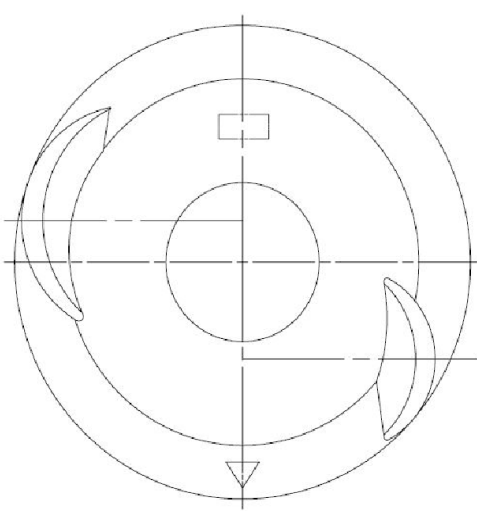
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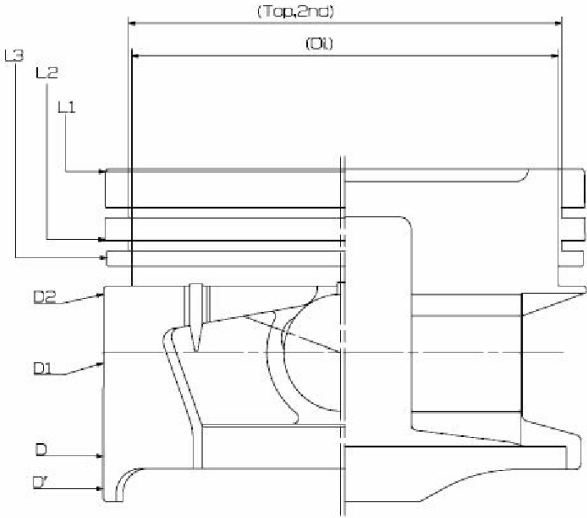
# PISTON

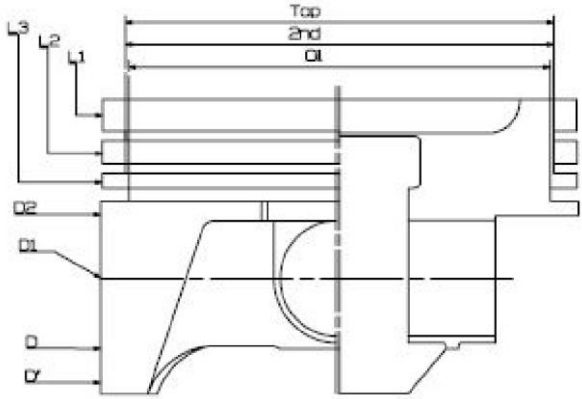
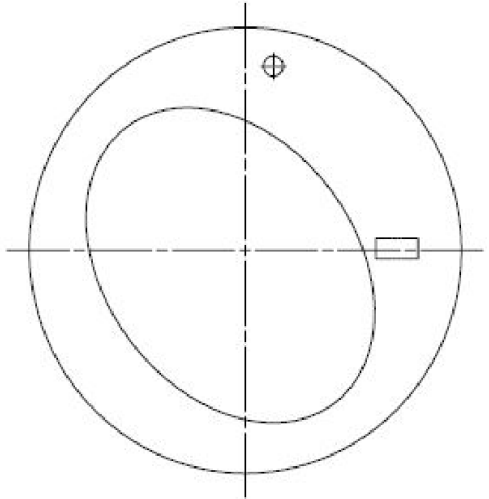
## GM KOREA

| PISTON BLUEPRINT                                                                  |                                                  |                                                       |          | PISTON HEAD SHAPE                                                                  |        |      |        |                |       |             |        |       |
|-----------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------|----------|------------------------------------------------------------------------------------|--------|------|--------|----------------|-------|-------------|--------|-------|
|  |                                                  |                                                       |          |  |        |      |        |                |       |             |        |       |
| CTR NO.                                                                           | O.E.M. NO.                                       | Model                                                 | Cylinder |                                                                                    | Piston |      |        | Piston Rings   |       | Piston Pins |        | STD   |
|                                                                                   |                                                  |                                                       | Num      | Dia                                                                                | Comp   | Dist | Length | Comp           | Oil   | Dia         | Length |       |
| CXKD-1                                                                            | P94581407-S<br>P12111A78B01-0A0-S<br>P94581408-S | DAMAS / LABO 95-98<br>0.8 SOHC<br>TICO 95-01 0.8 SOHC | 3        | 68.50                                                                              | 25     | -2.5 | 55     | 1X1.2<br>1X1.5 | 1X2.8 | 16          | 58     | STD   |
| CXKD-1-A                                                                          | P1211A78B01-025-S                                | DAMAS / LABO 95-98<br>0.8 SOHC                        | 3        | 68.75                                                                              | 25     | -2.5 | 55     | 1X1.2<br>1X1.5 | 1X2.8 | 16          | 58     | +0.25 |
| CXKD-1-B                                                                          | P1211A78B01-050-S                                | DAMAS / LABO 95-98<br>0.8 SOHC                        | 3        | 69.00                                                                              | 25     | -2.5 | 55     | 1X1.2<br>1X1.5 | 1X2.8 | 16          | 58     | +0.50 |
| CXKD-1-C                                                                          | P1211A78B01-075-S                                | DAMAS / LABO 95-98<br>0.8 SOHC                        | 3        | 69.25                                                                              | 25     | -2.5 | 55     | 1X1.2<br>1X1.5 | 1X2.8 | 16          | 58     | +0.75 |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |
|                                                                                   |                                                  |                                                       |          |                                                                                    |        |      |        |                |       |             |        |       |

# PISTON

## GM KOREA

| PISTON BLUEPRINT                                                                  |                            |                       |          |       |        | PISTON HEAD SHAPE |        |              |     |             |        |     |
|-----------------------------------------------------------------------------------|----------------------------|-----------------------|----------|-------|--------|-------------------|--------|--------------|-----|-------------|--------|-----|
|  |                            |                       |          |       |        |                   |        |              |     |             |        |     |
| CTR NO.                                                                           | O.E.M. NO.                 | Model                 | Cylinder |       | Piston |                   |        | Piston Rings |     | Piston Pins |        | STD |
|                                                                                   |                            |                       | Num      | Dia   | Comp   | Dist              | Length | Comp         | Oil | Dia         | Length |     |
| CXKD-2                                                                            | P96182163-S<br>P96183336-S | ESPERO 91-99 1.5 DOHC | 4        | 76.50 | 28     | -                 | 51.8   | 2X1.5        | 1X3 | 18          | 54.8   | STD |

| PISTON BLUEPRINT                                                                    |             |                         |          |       |        | PISTON HEAD SHAPE                                                                    |        |              |     |             |        |       |
|-------------------------------------------------------------------------------------|-------------|-------------------------|----------|-------|--------|--------------------------------------------------------------------------------------|--------|--------------|-----|-------------|--------|-------|
|  |             |                         |          |       |        |  |        |              |     |             |        |       |
| CTR NO.                                                                             | O.E.M. NO.  | Model                   | Cylinder |       | Piston |                                                                                      |        | Piston Rings |     | Piston Pins |        | STD   |
|                                                                                     |             |                         | Num      | Dia   | Comp   | Dist                                                                                 | Length | Comp         | Oil | Dia         | Length |       |
| CXKD-4                                                                              | P96412001-S | GENTRA T250 05-1.5 DOHC | 4        | 76.50 | 28     | -                                                                                    | 46     | 2x1.5        | 1x2 | 18          | 54     | STD   |
| CXKD-4-A                                                                            | P93742892-S | GENTRA T250 05-1.5 DOHC | 4        | 76.75 | 28     | -                                                                                    | 46     | 2x1.5        | 1x2 | 18          | 54     | +0.25 |
|                                                                                     |             |                         |          |       |        |                                                                                      |        |              |     |             |        |       |

**GM KOREA**

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# PISTON

**GM KOREA**

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**GM KOREA**



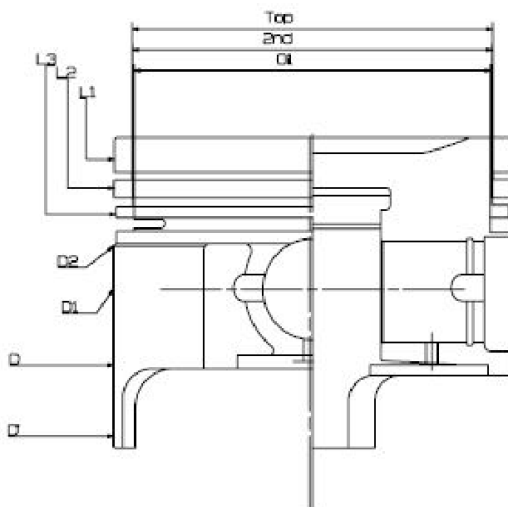
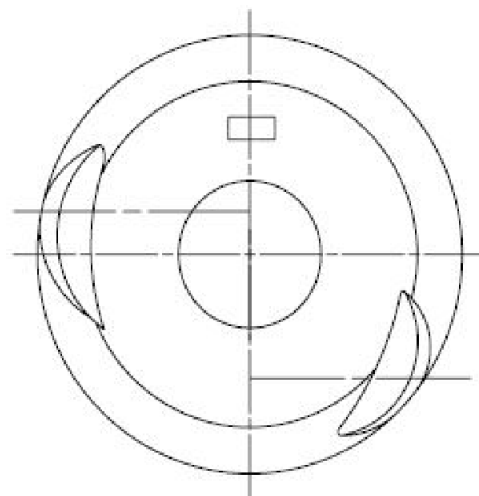
# PISTON

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# PISTON

## GM KOREA

| PISTON BLUEPRINT                                                                  |             |                           |          | PISTON HEAD SHAPE                                                                  |        |                    |        |              |       |             |        |       |  |
|-----------------------------------------------------------------------------------|-------------|---------------------------|----------|------------------------------------------------------------------------------------|--------|--------------------|--------|--------------|-------|-------------|--------|-------|--|
|  |             |                           |          |  |        |                    |        |              |       |             |        |       |  |
| CTR NO.                                                                           | O.E.M. NO.  | Model                     | Cylinder |                                                                                    | Piston |                    |        | Piston Rings |       | Piston Pins |        | STD   |  |
|                                                                                   |             |                           | Num      | Dia                                                                                | Comp   | Dist               | Length | Comp         | Oil   | Dia         | Length |       |  |
| CXKD-19                                                                           | P96325189-S | MATIZ 3 M200 05- 1.0 SOHC | 4        | 68.5                                                                               | 25.3   | -2.9<br>-3.2<br>-1 | 52.2   | 2X1.2        | 1X2.5 | 17          | 53     | STD   |  |
| CXKD-19-A                                                                         | P96567383-S | MATIZ 3 M200 05- 1.0 SOHC | 4        | 68.75                                                                              | 25.3   | -2.9<br>-3.2<br>-1 | 52.2   | 2X1.2        | 1X2.5 | 17          | 53     | +0.25 |  |
| CXKD-19-B                                                                         | P96567384-S | MATIZ 3 M200 05- 1.0 SOHC | 4        | 69.00                                                                              | 25.3   | -2.9<br>-3.2<br>-1 | 52.2   | 2X1.2        | 1X2.5 | 17          | 53     | +0.50 |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |
|                                                                                   |             |                           |          |                                                                                    |        |                    |        |              |       |             |        |       |  |

# CROSS REFERENCE

# HYUNDAI

| O.E.M. No.  | CTR No.   | O.E.M. No.  | CTR No.   | O.E.M. No.  | CTR No.   | O.E.M. No. | CTR No. |
|-------------|-----------|-------------|-----------|-------------|-----------|------------|---------|
| 23410-02510 | CXKH-4    | 23410-35115 | CXKH-21   | 23410-42894 | CXKH-40-D |            |         |
| 23410-02511 | CXKH-4    | 23410-35215 | CXKH-16   | 23430-42170 | CXKH-62   |            |         |
| 23410-02710 | CXKH-6    | 23410-35225 | CXKH-18   | MD103318    | CXKH-36   |            |         |
| 23410-02901 | CXKH-4-A  | 23410-38190 | CXKH-14   |             |           |            |         |
| 23410-02902 | CXKH-4-B  | 23410-38920 | CXKH-14-A |             |           |            |         |
| 23410-02911 | CXKH-4-A  | 23410-38921 | CXKH-14-B |             |           |            |         |
| 23410-02912 | CXKH-4-B  | 23410-42170 | CXKH-61   |             |           |            |         |
| 23410-02931 | CXKH-6-A  | 23410-42200 | CXKH-32   |             |           |            |         |
| 23410-02932 | CXKH-6-B  | 23410-42200 | CXKH-33   |             |           |            |         |
| 23410-22260 | CXKH-1    | 23410-42211 | CXKH-32   |             |           |            |         |
| 23410-22360 | CXKH-1    | 23410-42211 | CXKH-33   |             |           |            |         |
| 23410-22460 | CXKH-3    | 23410-42230 | CXKH-32   |             |           |            |         |
| 23410-22612 | CXKH-57   | 23410-42230 | CXKH-33   |             |           |            |         |
| 23410-22613 | CXKH-57   | 23410-42281 | CXKH-32-A |             |           |            |         |
| 23410-22712 | CXKH-51   | 23410-42281 | CXKH-33-A |             |           |            |         |
| 23410-22840 | CXKH-51   | 23410-42282 | CXKH-32-B |             |           |            |         |
| 23410-22903 | CXKH-3-C  | 23410-42282 | CXKH-33-B |             |           |            |         |
| 23410-22935 | CXKH-1-A  | 23410-42283 | CXKH-32-C |             |           |            |         |
| 23410-22936 | CXKH-1-B  | 23410-42283 | CXKH-33-C |             |           |            |         |
| 23410-22937 | CXKH-1-C  | 23410-42284 | CXKH-32-D |             |           |            |         |
| 23410-22938 | CXKH-1-D  | 23410-42284 | CXKH-33-D |             |           |            |         |
| 23410-22955 | CXKH-3-A  | 23410-42471 | CXKH-32-A |             |           |            |         |
| 23410-22956 | CXKH-3-B  | 23410-42471 | CXKH-33-A |             |           |            |         |
| 23410-22957 | CXKH-3-C  | 23410-42472 | CXKH-32-B |             |           |            |         |
| 23410-22958 | CXKH-3-D  | 23410-42472 | CXKH-33-B |             |           |            |         |
| 23410-22961 | CXKH-57-A | 23410-42473 | CXKH-32-C |             |           |            |         |
| 23410-22962 | CXKH-57-B | 23410-42473 | CXKH-33-C |             |           |            |         |
| 23410-22963 | CXKH-57-C | 23410-42474 | CXKH-32-D |             |           |            |         |
| 23410-22971 | CXKH-51-A | 23410-42474 | CXKH-33-D |             |           |            |         |
| 23410-22972 | CXKH-51-B | 23410-42591 | CXKH-61-A |             |           |            |         |
| 23410-23411 | CXKH-32   | 23410-42592 | CXKH-61-B |             |           |            |         |
| 23410-23411 | CXKH-33   | 23410-42593 | CXKH-62-A |             |           |            |         |
| 23410-24110 | CXKH-15   | 23410-42594 | CXKH-62-B |             |           |            |         |
| 23410-24911 | CXKH-15-A | 23410-42701 | CXKH-59   |             |           |            |         |
| 23410-24912 | CXKH-15-B | 23410-42701 | CXKH-60   |             |           |            |         |
| 23410-24913 | CXKH-15-C | 23410-42703 | CXKH-59   |             |           |            |         |
| 23410-24914 | CXKH-15-D | 23410-42703 | CXKH-60   |             |           |            |         |
| 23410-26012 | CXKH-7    | 23410-42791 | CXKH-59-A |             |           |            |         |
| 23410-26013 | CXKH-53   | 23410-42791 | CXKH-60-A |             |           |            |         |
| 23410-26014 | CXKH-53   | 23410-42792 | CXKH-59-B |             |           |            |         |
| 23410-26611 | CXKH-53   | 23410-42792 | CXKH-60-B |             |           |            |         |
| 23410-26612 | CXKH-53   | 23410-42793 | CXKH-59-C |             |           |            |         |
| 23410-26913 | CXKH-7-A  | 23410-42793 | CXKH-60-C |             |           |            |         |
| 23410-26914 | CXKH-7-B  | 23410-42794 | CXKH-59-D |             |           |            |         |
| 23410-26915 | CXKH-7-C  | 23410-42794 | CXKH-60-D |             |           |            |         |
| 23410-26916 | CXKH-7-D  | 23410-42860 | CXKH-39   |             |           |            |         |
| 23410-26917 | CXKH-53-A | 23410-42860 | CXKH-40   |             |           |            |         |
| 23410-26918 | CXKH-53-B | 23410-42891 | CXKH-39-A |             |           |            |         |
| 23410-26919 | CXKH-53-C | 23410-42891 | CXKH-40-A |             |           |            |         |
| 23410-26920 | CXKH-53-D | 23410-42892 | CXKH-39-B |             |           |            |         |
| 23410-26961 | CXKH-53-A | 23410-42892 | CXKH-40-B |             |           |            |         |
| 23410-26962 | CXKH-53-B | 23410-42893 | CXKH-39-C |             |           |            |         |
| 23410-26963 | CXKH-53-C | 23410-42893 | CXKH-40-C |             |           |            |         |
| 23410-26964 | CXKH-53-D | 23410-42894 | CXKH-39-D |             |           |            |         |

| O.E.M. No.  | CTR No.   | O.E.M. No.  | CTR No. | O.E.M. No. | CTR No. | O.E.M. No. | CTR No. |
|-------------|-----------|-------------|---------|------------|---------|------------|---------|
| 0K2Y011SA0  | CXKK-13   | 43410-26410 | CXKH-41 |            |         |            |         |
| 0K2Y011SB0  | CXKK-13-A |             |         |            |         |            |         |
| 0K2Y011SBX  | CXKK-13-B |             |         |            |         |            |         |
| 0K2Y011SBY  | CXKK-13-C |             |         |            |         |            |         |
| 0K2Y011SBZ  | CXKK-13-D |             |         |            |         |            |         |
| 0K2Y111SA0  | CXKK-14   |             |         |            |         |            |         |
| 0K2Y111SB0  | CXKK-14-A |             |         |            |         |            |         |
| 0K2Y111SBX  | CXKK-14-B |             |         |            |         |            |         |
| 0K2Y111SBY  | CXKK-14-C |             |         |            |         |            |         |
| 0K2Y111SBZ  | CXKK-14-D |             |         |            |         |            |         |
| 0K3Y011SA0  | CXKK-10   |             |         |            |         |            |         |
| 0K3Y011SB0  | CXKK-10-A |             |         |            |         |            |         |
| 0K3Y011SBX  | CXKK-10-B |             |         |            |         |            |         |
| 0K3Y011SBY  | CXKK-10-C |             |         |            |         |            |         |
| 0K3Y011SBZ  | CXKK-10-D |             |         |            |         |            |         |
| 0K3Y111SA0  | CXKK-11   |             |         |            |         |            |         |
| 0K3Y111SB0  | CXKK-11-A |             |         |            |         |            |         |
| 0K3Y111SBX  | CXKK-11-B |             |         |            |         |            |         |
| 0K3Y111SBY  | CXKK-11-C |             |         |            |         |            |         |
| 0K3Y111SBZ  | CXKK-11-D |             |         |            |         |            |         |
| 0K3Y211SA0  | CXKK-11   |             |         |            |         |            |         |
| 0K3Y211SB0  | CXKK-11-A |             |         |            |         |            |         |
| 0K3Y211SBX  | CXKK-11-B |             |         |            |         |            |         |
| 0K3Y211SBY  | CXKK-11-C |             |         |            |         |            |         |
| 0K3Y211SBZ  | CXKK-11-D |             |         |            |         |            |         |
| 0K6Z111SA0  | CXKK-7    |             |         |            |         |            |         |
| 0K6Z111SA0  | CXKK-8    |             |         |            |         |            |         |
| 0K6Z111SB0  | CXKK-7-A  |             |         |            |         |            |         |
| 0K6Z111SB0  | CXKK-8-A  |             |         |            |         |            |         |
| 0K6Z111SBX  | CXKK-7-B  |             |         |            |         |            |         |
| 0K6Z111SBX  | CXKK-8-B  |             |         |            |         |            |         |
| 0K6Z111SBY  | CXKK-7-C  |             |         |            |         |            |         |
| 0K6Z111SBY  | CXKK-8-C  |             |         |            |         |            |         |
| 0K6Z111SBZ  | CXKK-7-D  |             |         |            |         |            |         |
| 0K6Z111SBZ  | CXKK-8-D  |             |         |            |         |            |         |
| 0K7Z011SA0  | CXKK-2    |             |         |            |         |            |         |
| 0K7Z011SA0  | CXKK-3    |             |         |            |         |            |         |
| 0K7Z011SB0  | CXKK-2-A  |             |         |            |         |            |         |
| 0K7Z011SB0  | CXKK-3-A  |             |         |            |         |            |         |
| 0K7Z011SBX  | CXKK-2-B  |             |         |            |         |            |         |
| 0K7Z011SBX  | CXKK-3-B  |             |         |            |         |            |         |
| 0K7Z011SBY  | CXKK-2-C  |             |         |            |         |            |         |
| 0K7Z011SBY  | CXKK-3-C  |             |         |            |         |            |         |
| 0K7Z011SBZ  | CXKK-2-D  |             |         |            |         |            |         |
| 0K7Z011SBZ  | CXKK-3-D  |             |         |            |         |            |         |
| 0K7Z111SA0  | CXKK-4    |             |         |            |         |            |         |
| 0K7Z111SB0  | CXKK-4-A  |             |         |            |         |            |         |
| 0K7Z111SBX  | CXKK-4-B  |             |         |            |         |            |         |
| 0K7Z111SBY  | CXKK-4-C  |             |         |            |         |            |         |
| 0K7Z111SBZ  | CXKK-4-D  |             |         |            |         |            |         |
| 23410-26111 | CXKH-12   |             |         |            |         |            |         |
| 23410-26212 | CXKH-12   |             |         |            |         |            |         |
| 23410-26921 | CXKH-12-A |             |         |            |         |            |         |
| 23410-26922 | CXKH-12-B |             |         |            |         |            |         |

# GM KOREA

| O.E.M. No.         | CTR No.   | O.E.M. No. | CTR No. | O.E.M. No. | CTR No. | O.E.M. No. | CTR No. |
|--------------------|-----------|------------|---------|------------|---------|------------|---------|
| I90295697          | CXKD-16-A |            |         |            |         |            |         |
| I90295698          | CXKD-16-B |            |         |            |         |            |         |
| I90295699          | CXKD-16   |            |         |            |         |            |         |
| I90298741          | CXKD-16   |            |         |            |         |            |         |
| I90298742          | CXKD-16   |            |         |            |         |            |         |
| P12111A78B01-0A0-S | CXKD-1    |            |         |            |         |            |         |
| P1211A78B01-025-S  | CXKD-1-A  |            |         |            |         |            |         |
| P1211A78B01-050-S  | CXKD-1-B  |            |         |            |         |            |         |
| P1211A78B01-075-S  | CXKD-1-C  |            |         |            |         |            |         |
| P93740219-S        | CXKD-9-A  |            |         |            |         |            |         |
| P93740220-S        | CXKD-9-B  |            |         |            |         |            |         |
| P93740221-S        | CXKD-6-A  |            |         |            |         |            |         |
| P93740222-S        | CXKD-6-B  |            |         |            |         |            |         |
| P93740514-S        | CXKD-7-A  |            |         |            |         |            |         |
| P93740515-S        | CXKD-7-B  |            |         |            |         |            |         |
| P93742892-S        | CXKD-4-A  |            |         |            |         |            |         |
| P94581407-S        | CXKD-1    |            |         |            |         |            |         |
| P94581408-S        | CXKD-1    |            |         |            |         |            |         |
| P96182163-S        | CXKD-2    |            |         |            |         |            |         |
| P96182846-S        | CXKD-9    |            |         |            |         |            |         |
| P96183336-S        | CXKD-2    |            |         |            |         |            |         |
| P96325189-S        | CXKD-19   |            |         |            |         |            |         |
| P96325191-S        | CXKD-5    |            |         |            |         |            |         |
| P96335640-S        | CXKD-6    |            |         |            |         |            |         |
| P96389106-S        | CXKD-7    |            |         |            |         |            |         |
| P96412001-S        | CXKD-4    |            |         |            |         |            |         |
| P96567383-S        | CXKD-19-A |            |         |            |         |            |         |
| P96567384-S        | CXKD-19-B |            |         |            |         |            |         |
| P96567385-S        | CXKD-5-A  |            |         |            |         |            |         |
| P96567386-S        | CXKD-5-B  |            |         |            |         |            |         |



## ENGINE PISTON



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