

**KE80414**  
**103.15 (A)**

20-09-01-17  
2001/09/21

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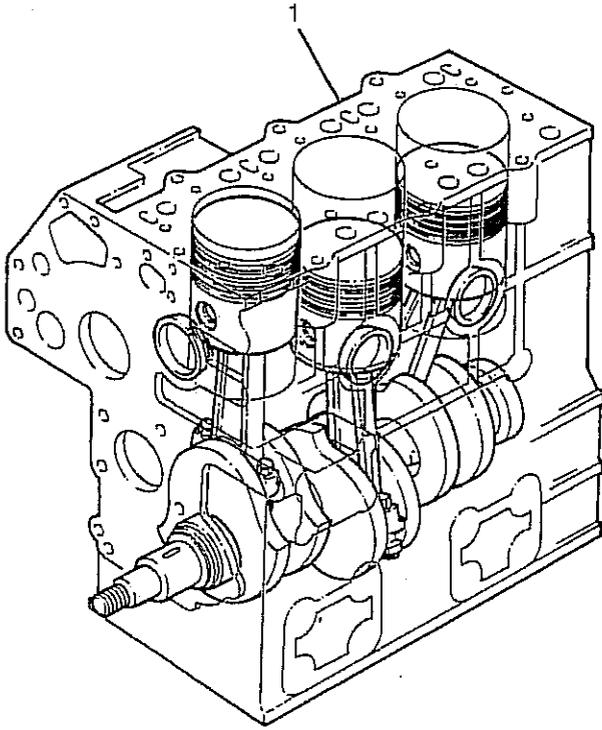
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ACEK6380



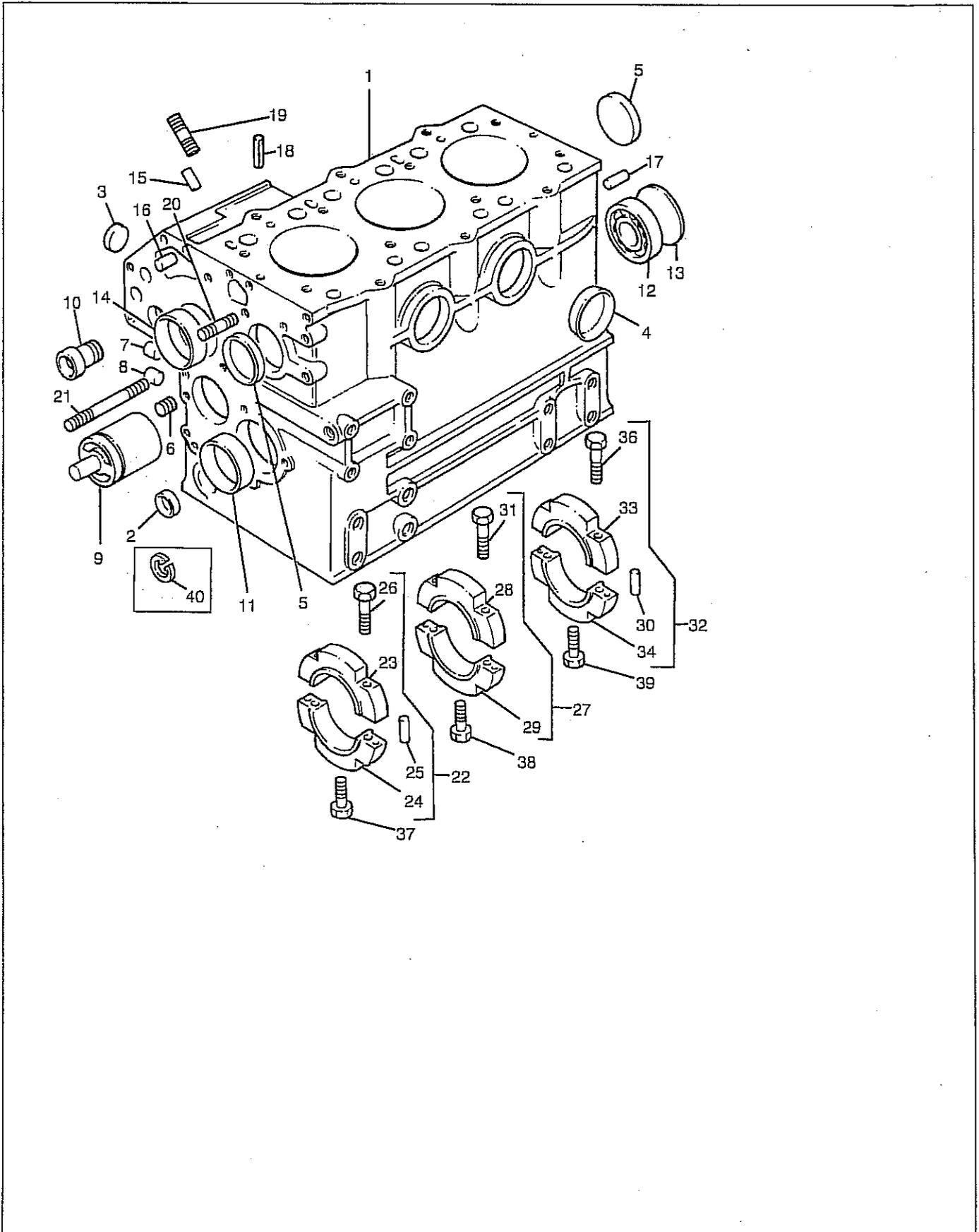
ACEK6380

| Item | Part No.  | References | Qty. | Description     | Notes |
|------|-----------|------------|------|-----------------|-------|
| 1    | 110006380 |            | 1    | SHORT ENGINE    |       |
| 2    | ├──       |            | 1    | CYLINDER BLOCK  | (A)   |
| 2    |           |            | 1    | CRANKSHAFT      |       |
| 2    |           |            | 3    | PISTON          |       |
| 2    |           |            | 3    | PISTON RING     |       |
| 2    |           |            | 3    | CONROD          |       |
| 2    |           |            | 6    | MAIN BEARING    |       |
| 2    |           |            | 6    | BIG END BEARING |       |
| 2    |           |            | 2    | THRUST WASHER   |       |

## Footnotes.

(A) COMPLETE WITH PLUGS

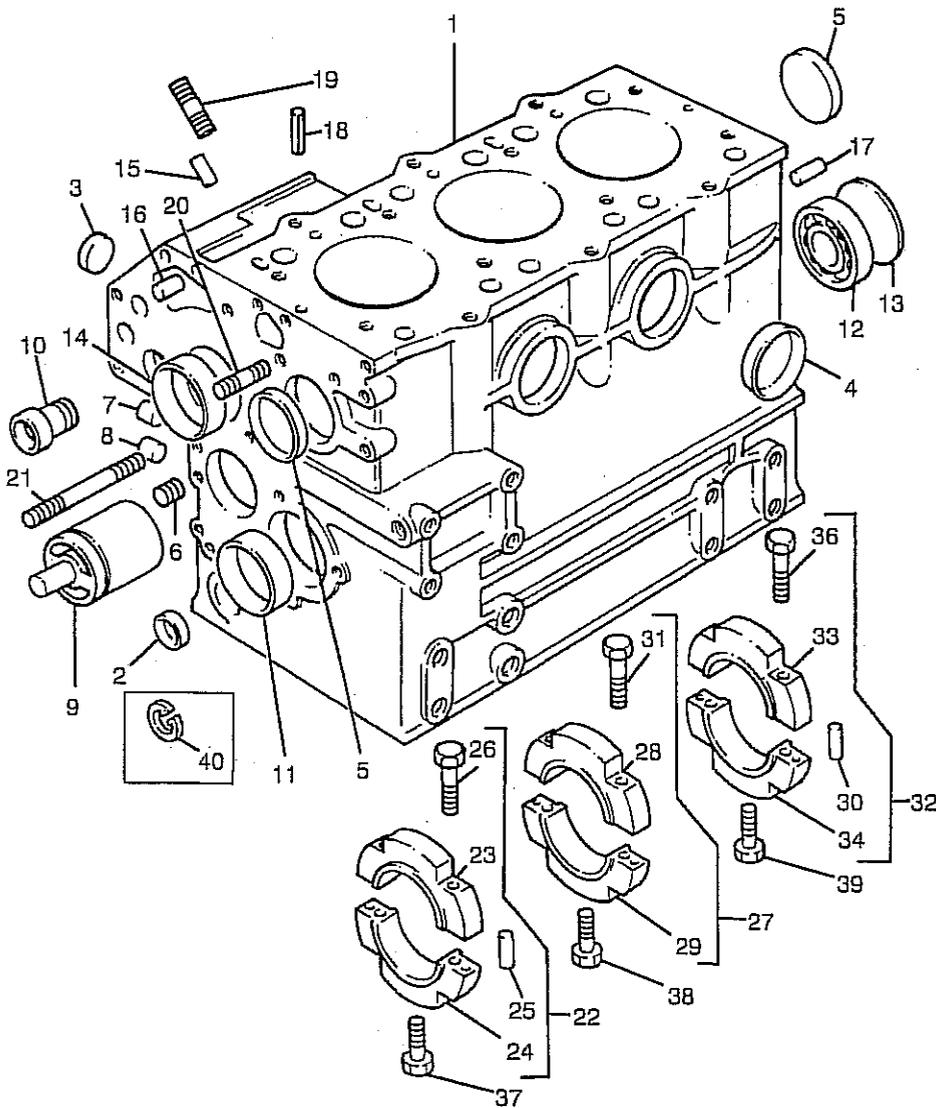
ACHK0019



ACHK0019

| Item | Part No.   | References   | Qty. | Description        | Notes |
|------|------------|--|------|--------------------|-------|
| 1    | 110186060  | ● 110107290  | 1    | CYLINDER BLOCK KIT |       |
| 2    | —064200015 |  | 1    | PLUG               |       |
| 3    | —064200025 |  | 1    | PLUG               |       |
| 4    | —064200040 |  | 2    | PLUG               |       |
| 5    | —064200040 |  | 2    | PLUG               |       |
| 6    | —198466020 |  | 3    | PLUG               |       |
| 7    | —198466030 |  | 4    | PLUG               |       |
| 8    | —198466010 |  | 2    | PLUG               |       |
| 9    | —165296130 |  | 1    | SHAFT              |       |
| 10   | —198517090 |  | 1    | BUSH               |       |
| 11   | —198517220 |  | 1    | BUSH               |       |
| 11   | —198517224 | $\frac{\nabla}{\triangle} (+)0.25\text{MM}$<br>$\frac{\nabla}{\triangle} (-)0.25\text{MM}$ | X    | BUSH               |       |
| 11   | —198517227 | $\frac{\nabla}{\triangle} (+)0.50\text{MM}$<br>$\frac{\nabla}{\triangle} (-)0.50\text{MM}$ | X    | BUSH               |       |
| 12   | —040106203 |  | 1    | BALL BEARING       |       |
| 13   | —064100045 |  | 1    | PLUG               |       |
| 14   | —042309013 |  | 1    | BEARING            |       |
| 15   | —030500612 |  | 2    | DOWEL              |       |
| 16   | —030500616 |  | 2    | DOWEL              |       |
| 17   | —030501025 |  | 2    | DOWEL              |       |
| 18   | —030309005 |  | 2    | PIN                |       |
| 19   | —012100820 |  | 2    | STUD               |       |
| 20   | —012100635 |  | 1    | STUD               |       |
| 21   | —012100660 |  | 1    | STUD               |       |
| 22   | —110156171 |  | 1    | HOLDER             |       |
| 23   | —          | ⇒ REF.22   | 1    | CAP                |       |
| 24   | —          | ⇒ REF.22   | 1    | CAP                |       |
| 25   | —030500612 |  | 2    | DOWEL              |       |
| 26   | —010111055 |  | 2    | SCREW              |       |
| 27   | —110156181 |  | 1    | HOLDER             |       |
| 28   | —          | ⇒ REF.27   | 1    | CAP                |       |
| 29   | —          | ⇒ REF.27   | 1    | CAP                |       |
| 30   | —030500612 |  | 2    | DOWEL              |       |
| 31   | —010111055 |  | 2    | SCREW              |       |
| 32   | —110156191 |  | 1    | HOLDER             |       |
| 33   | —          | ⇒ REF.32   | 1    | CAP                |       |
| 34   | —          | ⇒ REF.32   | 1    | CAP                |       |

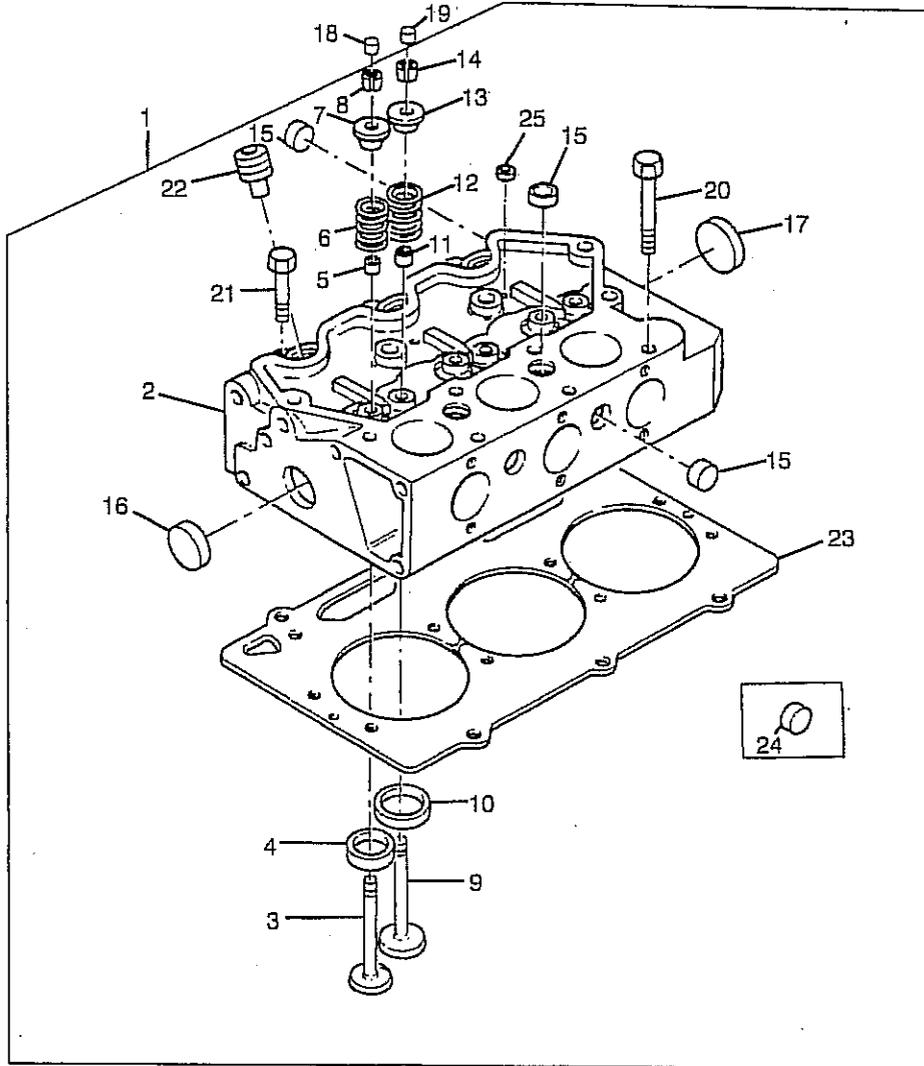
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| Item | Part No.   | References | Qty. | Description | Notes |
|------|------------|------------|------|-------------|-------|
| 35   | -030500612 |            | 2    | DOWEL       |       |
| 36   | -010111055 |            | 2    | SCREW       |       |
| 37   | -011311070 |            | 1    | SCREW       |       |
| 38   | -011311070 |            | 1    | SCREW       |       |
| 39   | -010700865 |            | 2    | SCREW       |       |

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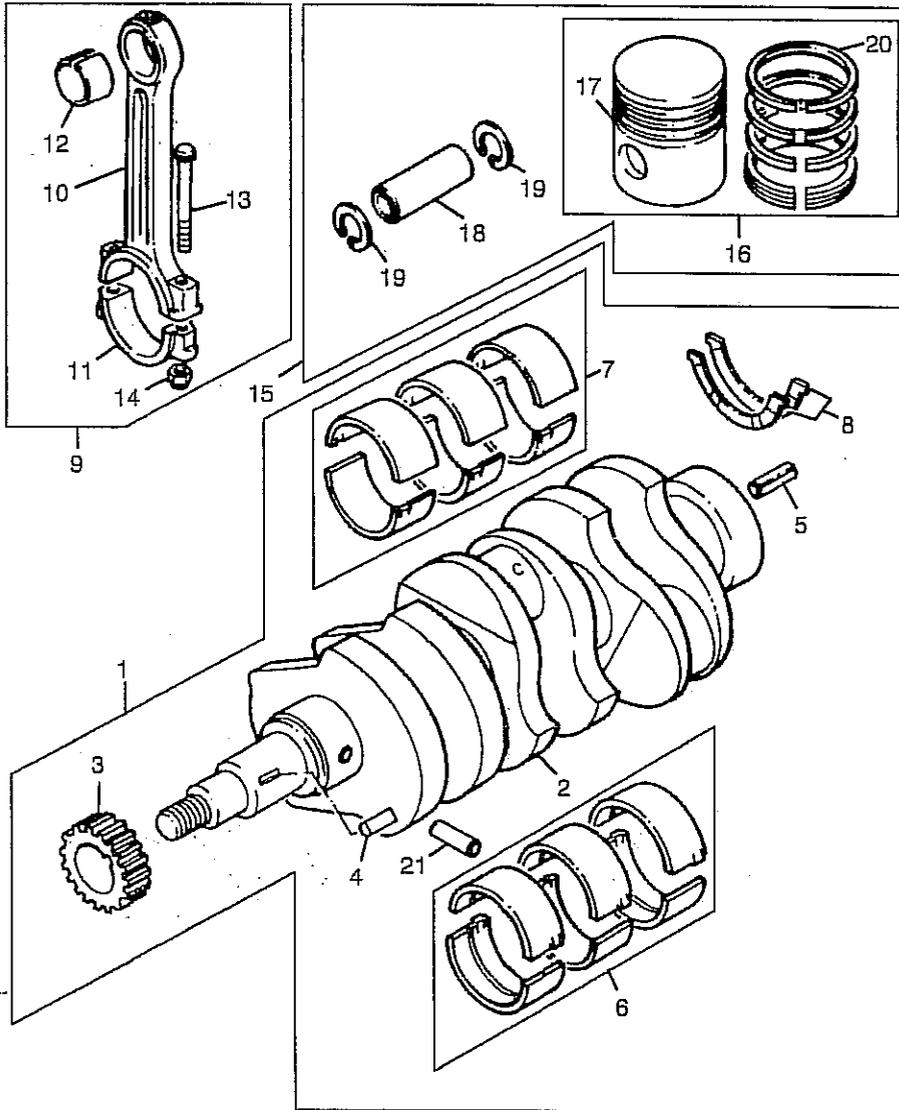
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| Item | Part No.    | References                               | Qty. | Description          | Notes |
|------|-------------|--|------|----------------------|-------|
| 1    | 111017050   | ☉ 111017070                              | 1    | CYLINDER HEAD KIT    | (A)   |
| 2    | — 111017582 |  | 1    | CYLINDER HEAD KIT    | (B)   |
| 15   | — 064200025 |  | 4    | PLUG                 |       |
| 16   | — 064200030 |  | 1    | PLUG                 |       |
| 17   | — 064200030 |  | 1    | PLUG                 |       |
| 18   | — 120216040 |  | 3    | CAP                  |       |
| 19   | — 120216040 |  | 3    | CAP                  |       |
| 24   | — 064200010 |  | 2    | PLUG                 |       |
| 25   | — 064200020 |  | 5    | PLUG                 |       |
| 3    | — 120166270 |  | 3    | INLET VALVE          |       |
| 4    | — 110136251 | ☉ 110136256                              | 3    | INSERT               |       |
| 5    | — 120406070 |  | 3    | VALVE STEM SEAL      | (C)   |
| 6    | — 198216700 |  | 3    | VALVE SPRING         |       |
| 7    | — 120186080 |  | 3    | VALVE CAP            |       |
| 8    | — 120226070 |  | 6    | COTTER               |       |
| 9    | — 120176280 |  | 3    | EXHAUST VALVE        |       |
| 11   | — 120406050 |  | 3    | VALVE STEM SEAL      | (D)   |
| 12   | — 198216700 |  | 3    | VALVE SPRING         |       |
| 13   | — 120186080 |  | 3    | VALVE CAP            |       |
| 14   | — 120226070 |  | 6    | COTTER               |       |
| 20   | 111136480   | ☉ 111136360                              | 11   | SCREW                | (E)   |
| 21   | 111136490   | ☉ 111136370                              | 3    | SCREW                | (E)   |
| 23   | 111147500   | ☉ 111146991<br>☉ (+)1.4MM<br>☉ 111147001 | 1    | CYLINDER HEAD GASKET | (E)   |

## Footnotes

|     |  |
|-----|--|
| (A) | MAJOR ASSEMBLY-SEE ITEM 2 FOR MINOR ASSEMBLY |
| (B) | MINOR ASSEMBLY                               |
| (C) | INLET  |
| (D) | EXHAUST                                      |
| (E) | NOT INCLUDED IN REF.1                        |

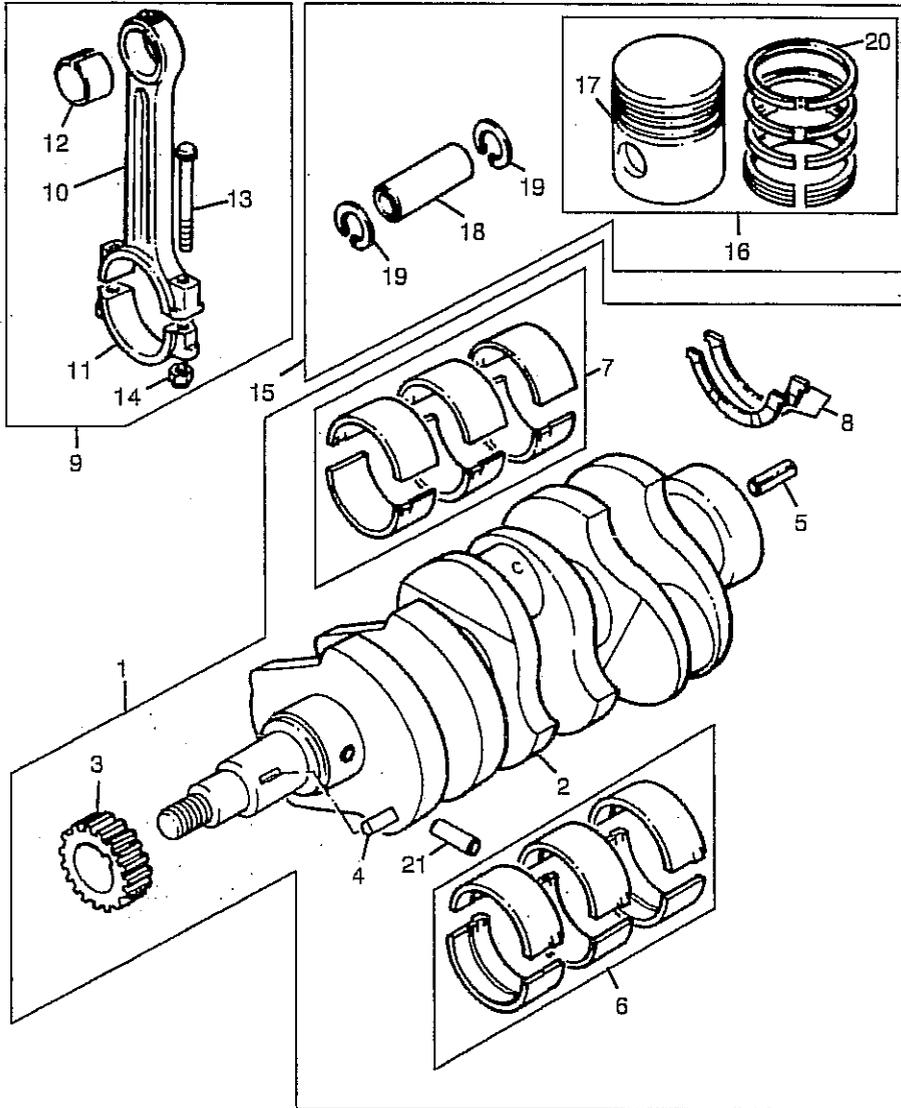
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| Item | Part No.  | References                              | Qty. | Description         | Notes    |
|------|-----------|---|------|---------------------|----------|
| 1    | 115236040 |   | 1    | CRANKSHAFT KIT      |          |
| 2    |           | ⇒ REF.1                                 | 1    | CRANKSHAFT          |          |
| 3    | 115276200 |   | 1    | CRANKSHAFT GEAR     |          |
| 4    | 030509020 |   | 1    | KEY                 |          |
| 5    | 030300816 |   | 1    | PIN                 |          |
| 6    | 198586050 |   | 1    | BEARING KIT         | (A) STD. |
| 6    | 198586054 | ▽ (-)0.25MM                             | X    | BEARING KIT         | (A)      |
| 6    | 198586057 | ▽ (-)0.50MM                             | X    | BEARING KIT         | (A)      |
| 7    | 198586080 |   | 1    | BEARING KIT         | (A) STD. |
| 7    | 198586084 | ▽ (-)0.25MM                             | X    | BEARING KIT         | (A)      |
| 7    | 198586087 | ▽ (-)0.50MM                             | X    | BEARING KIT         | (A)      |
| 8    | 199266200 |   | 2    | THRUST WASHER       |          |
| 9    | 115026251 | ● 115026250                             | 3    | CONROD KIT          |          |
| 10   |           | ⇒ REF.9                                 | 1    | ROD                 |          |
| 11   |           | ⇒ REF.9                                 | 1    | CAP                 |          |
| 12   | 198517265 | ● 198517260                             | 1    | BUSH                |          |
| 13   | 115176140 |   | 2    | CON ROD BOLT        |          |
| 14   | 020109120 | ● 020109087                             | 2    | CON ROD NUT         |          |
| 15   | 115016800 |   | 3    | PISTON KIT          | STD.     |
| 15   | 115016804 | ▽ (+)0.5MM<br>● 115016724               | X    | PISTON KIT          |          |
| 15   | 115016807 | ▽ (+)1.0MM                              | X    | PISTON KIT          |          |
| 16   | 115016810 | ● 115016720                             | 3    | PISTON AND RING KIT | STD.     |
| 16   | 115016814 | Ⓢ<br>▽ (+)0.5MM<br>● 115016724          | 1    | PISTON AND RING KIT |          |
| 16   | 115016817 | ▽ (+)1.0MM<br>● 115016727               | 1    | PISTON AND RING KIT |          |
| 17   |           | ⇒ REF.16                                | 1    | PISTON              |          |
| 20   | 115107290 | ● 115107230                             | 1    | PISTON RING KIT     | STD.     |
| 20   | 115107293 | Ⓢ<br>▽ (+)0.50MM<br>● 115107233         | 1    | PISTON RING KIT     |          |
| 20   | 115107295 | ▽ (+)0.5MM<br>▽ (+)1.0MM<br>● 115107235 | 1    | PISTON RING KIT     |          |
| 18   | 115326220 |   | 1    | GUDGEON PIN         |          |
| 19   | 036500028 |   | 2    | CIRCLIP             |          |

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Crankshaft, Pistons & Connecting Rods

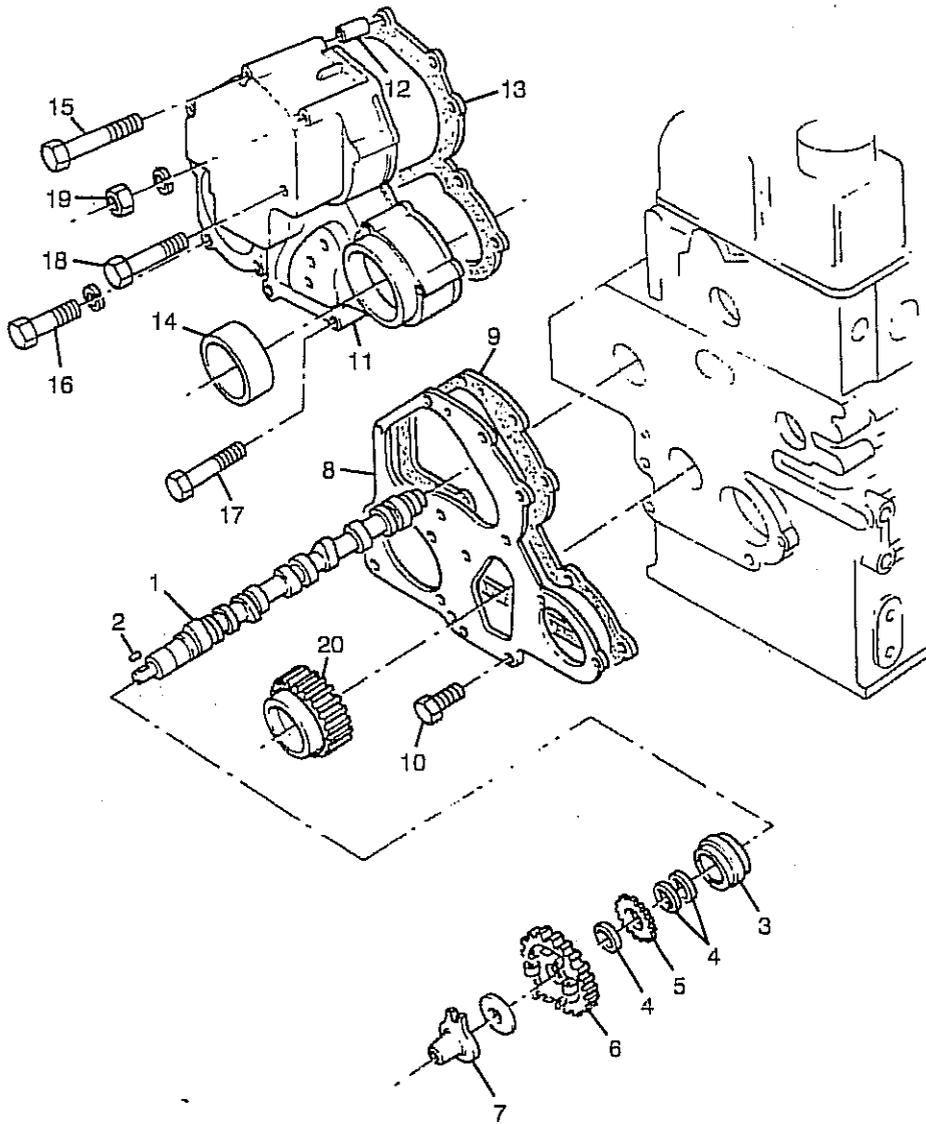
Plate A

ACHK0019

**Footnotes**

(A) BEARINGS ARE PRE-FINISHED

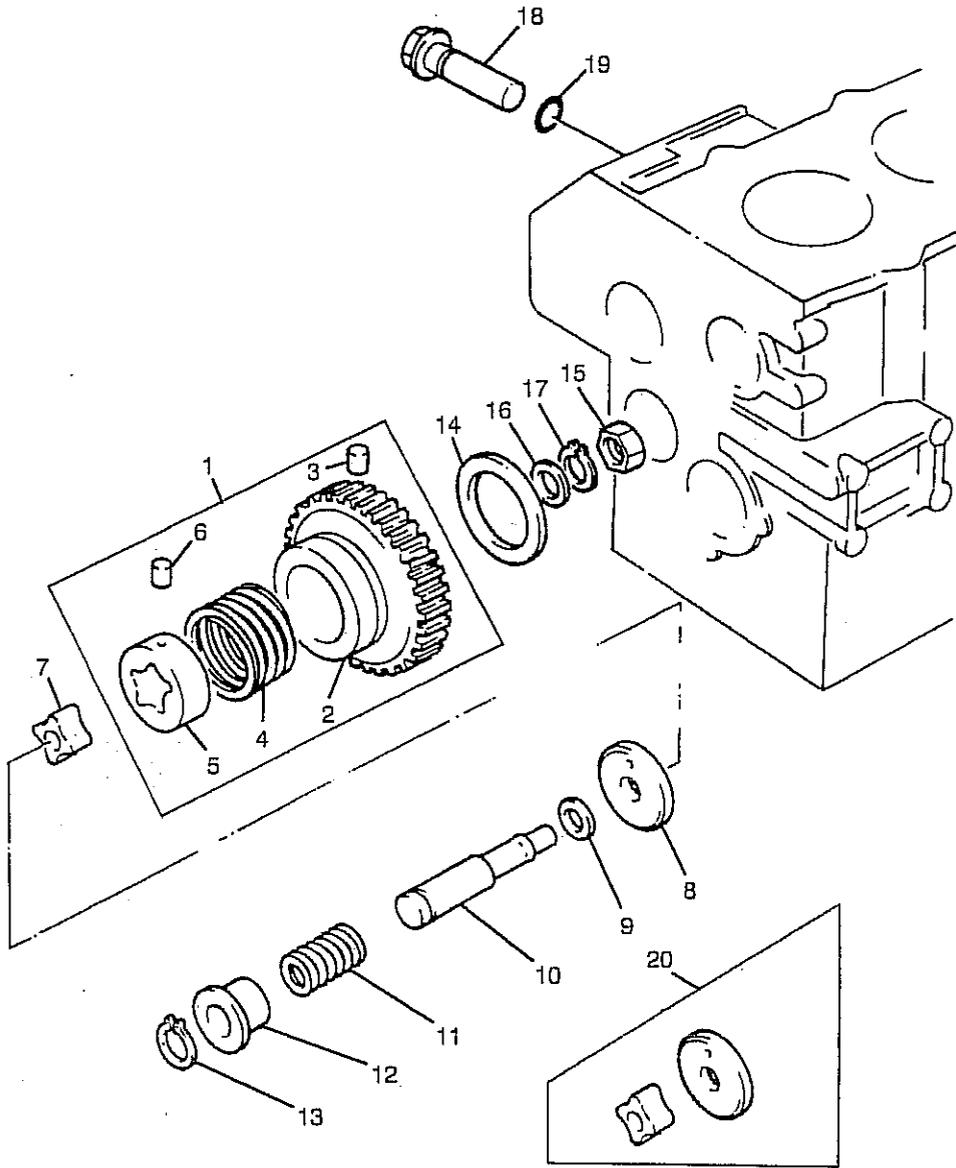
ACHK0019



ACHK0019

| Item             | Part No.                  | References   | Qty. | Description             | Notes |
|------------------|---------------------------|--|------|-------------------------|-------|
| 1                | 120026190                 |  | 1    | CAMSHAFT                |       |
| 2                | └─034100508               |  | 1    | WOODRUFF KEY            |       |
| 3                | └─040156304               |  | 1    | BEARING                 |       |
| 4                | └─199216230               |  | 3    | SPACER                  |       |
| 5                | └─120736081               |  | 1    | CAMSHAFT GEAR           |       |
| 6                | └─120016050               |  | 1    | CAMSHAFT GEAR           |       |
| 7                | 125256120                 |  | 1    | TAPPET                  |       |
| 8                | 165166221                 |  | 1    | PLATE                   |       |
| 9                | 165996540                 |  b. | 1    | JOINT                   |       |
| 10               | 011300612                 |  | 2    | BOLT                    |       |
| 11               | 165106092                 | ●○ 165106091<br>●○ 165106220   | 1    | TIMING CASE             |       |
| 12               | └─030300414               |  | 1    | PIN                     |       |
| 13               | 165996550                 |  a. | 1    | TIMING CASE COVER JOINT |       |
| 14               | 198636160                 |  | 1    | SEAL                    |       |
| 15               | 011300645                 |  | 6    | SCREW                   |       |
| 16               | 011300860                 |  | 4    | SCREW                   | (A)   |
| 17               | 011300680                 |  | 2    | SCREW                   |       |
| 18               | 011300660                 |  | 5    | SCREW                   |       |
| 19               | 023100006                 |  | 1    | NUT                     |       |
| 20               |                           |  | 1    | IDLER GEAR              | (B)   |
| <b>History</b>   |                           |  |      |                         |       |
| <b>a.</b>        |                           |  |      |                         |       |
| 13               | 165996351                 |  | 1    | GASKET                  |       |
| <b>b.</b>        |                           |  |      |                         |       |
| 9                | 165996361                 |  | 1    | JOINT                   |       |
| <b>Footnotes</b> |                           |  |      |                         |       |
| (A)              | USED ONLY WITH 165106220. |  |      |                         |       |
| (B)              | SEE LUB OIL PUMP SECTION  |  |      |                         |       |

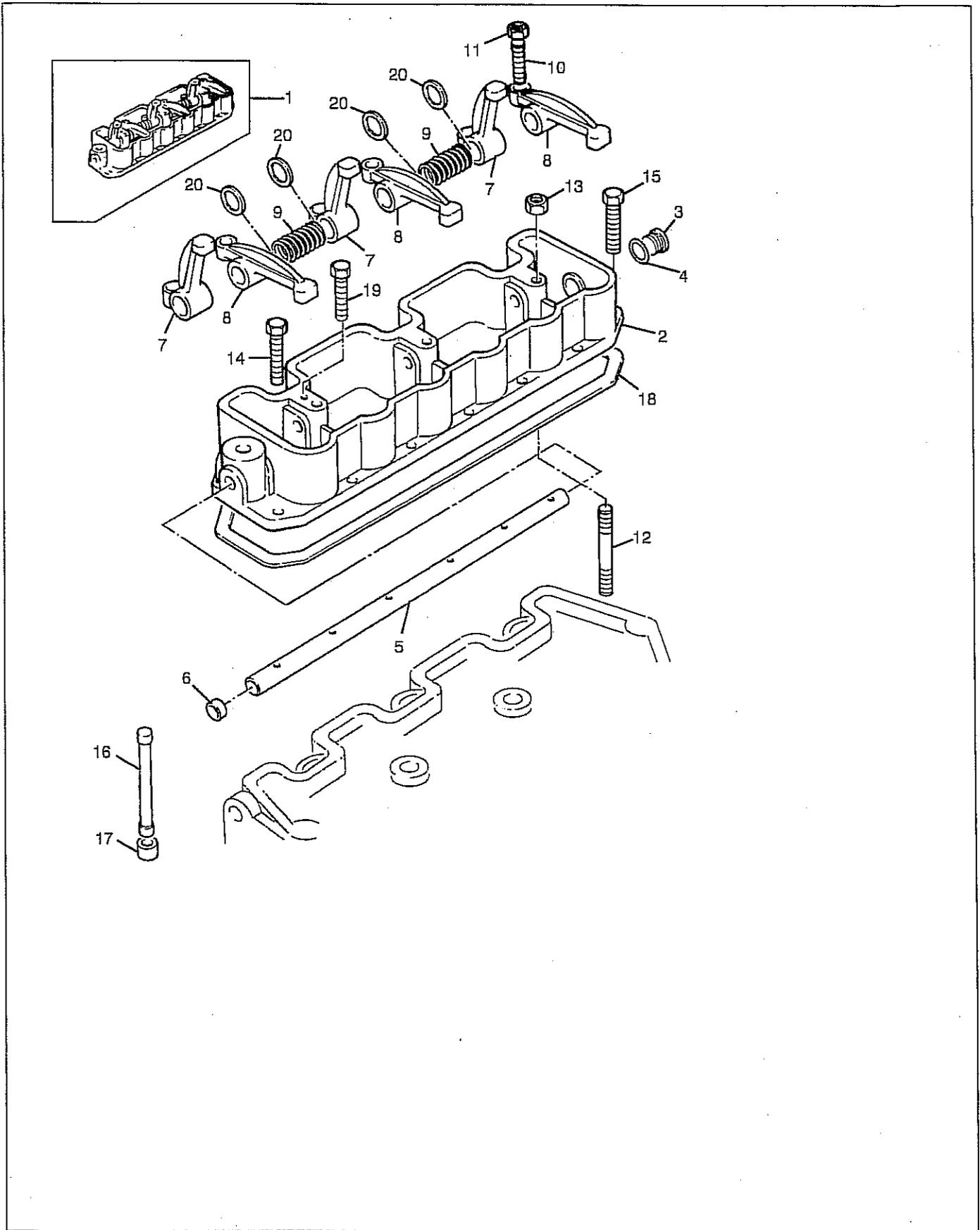
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ACHK0019

| Item | Part No.    | References   | Qty. | Description           | Notes |
|------|-------------|--|------|-----------------------|-------|
| 1    | 165026120   |  | 1    | GEAR - IDLER/OIL PUMP |       |
| 4    | └ 198216821 |  | 1    | SPRING                |       |
| 7    | 140166140   |  | 1    | ROTOR                 |       |
| 8    | 140116140   |  | 1    | COVER                 |       |
| 9    | 199286150   | $\frac{\nabla}{\blacktriangle} (+)0.10\text{MM}$<br><b>S</b> | X    | SHIM                  |       |
| 9    | 199286160   | $\frac{\nabla}{\blacktriangle} (+)0.15\text{MM}$             | X    | SHIM                  |       |
| 9    | 199286170   | $\frac{\nabla}{\blacktriangle} (+)0.20\text{MM}$             | X    | SHIM                  |       |
| 9    | 199286180   | $\frac{\nabla}{\blacktriangle} (+)0.50\text{MM}$             | X    | SHIM                  |       |
| 11   | 198216720   |  | 1    | SPRING                |       |
| 12   | 199236540   |  | 1    | COLLAR                |       |
| 13   | 036800010   |  | 1    | CIRCLIP               |       |
| 14   | 199266180   |  | 1    | WASHER                |       |
| 18   | 140036120   |  | 1    | RELIEF VALVE          |       |
| 19   | 052100150   |  | 1    | O RING                |       |
| 20   | 140186020   |  | X    | REPAIR KIT            |       |

ACHK0019



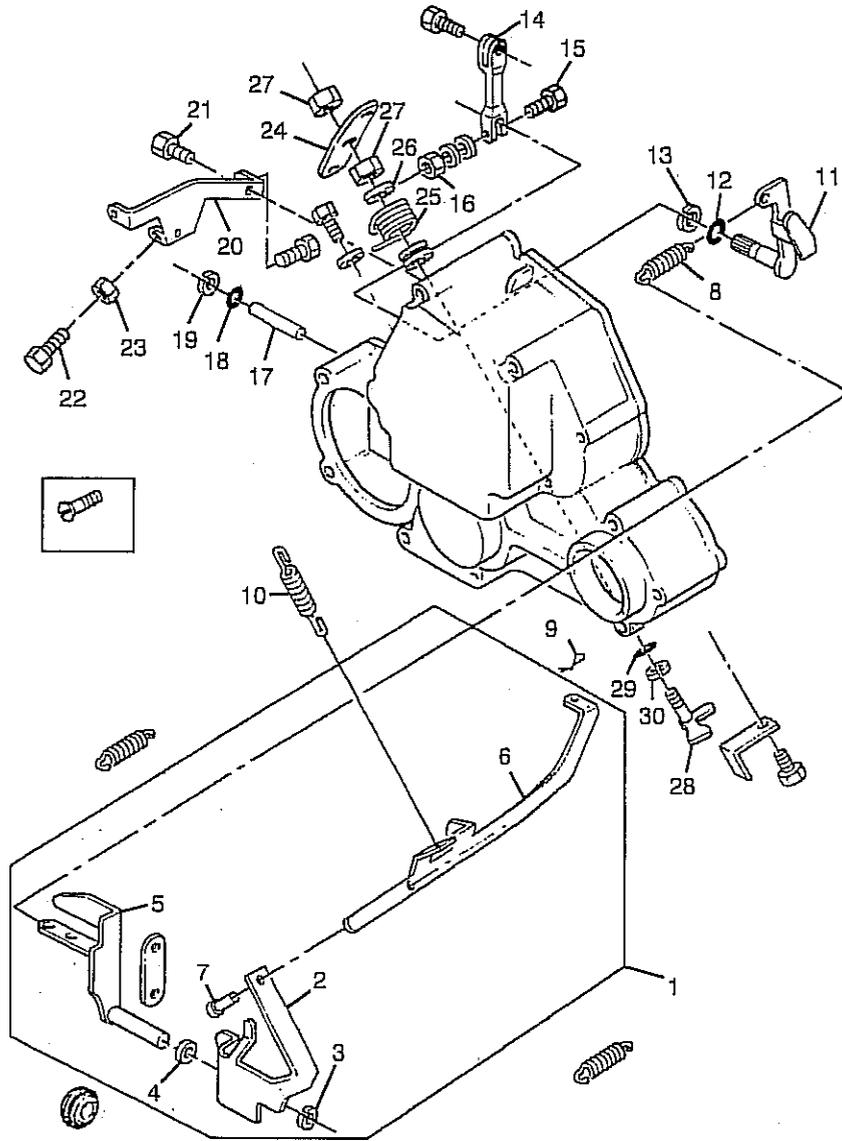
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| Item | Part No.  | References                                   | Qty. | Description           | Notes |
|------|-----------|--|------|-----------------------|-------|
| 1    | 120036532 | ●○ 120036531<br>●○ 120036530<br>●○ 120336030 | 1    | ROCKER SHAFT ASSEMBLY |       |
| 2    | 120346241 |  | 1    | BRACKET               |       |
| 3    | 198436150 |  | 1    | PLUG                  |       |
| 4    | 052100120 |  | 1    | O RING                |       |
| 5    | 120316211 | ●○ 120316210                                 | 1    | SHAFT                 |       |
| 6    | 064200012 |  | 1    | PLUG                  | (A)   |
| 7    | 120366152 | ↗  | 3    | LEVER                 | (B)   |
| 7    | 120356200 | ↗  | 3    | LEVER                 | (C)   |
| 8    | 120366162 | ↘  | 3    | LEVER                 | (B)   |
| 8    | 120356210 | ↘  | 3    | LEVER                 | (C)   |
| 9    | 198216780 |  | 2    | SPRING                |       |
| 10   | 199486220 |  | 6    | ADJUSTING SCREW       |       |
| 11   | 020109076 |  | 6    | NUT                   |       |
| 20   | 199280280 |  | 4    | WASHER                | (C)   |
| 12   | 012109177 |  | 3    | STUD                  |       |
| 13   | 023100008 |  | 3    | NUT                   |       |
| 14   | 011300625 |  | 1    | SCREW                 |       |
| 15   | 011300635 |  | 1    | SCREW                 |       |
| 16   | 120456231 |  | 6    | PUSHROD               |       |
| 17   | 120116160 | ●○ 120116100                                 | 6    | TAPPET                |       |
| 18   | 052109065 |  | 1    | ROCKER COVER JOINT    |       |

## Footnotes

|     |  |
|-----|--|
| (A) | USED ONLY WITH 120036531/120036530/120336030 |
| (B) | USED ONLY WITH 120336030                     |
| (C) | USED ONLY WITH 120036532/120036531/120036530 |

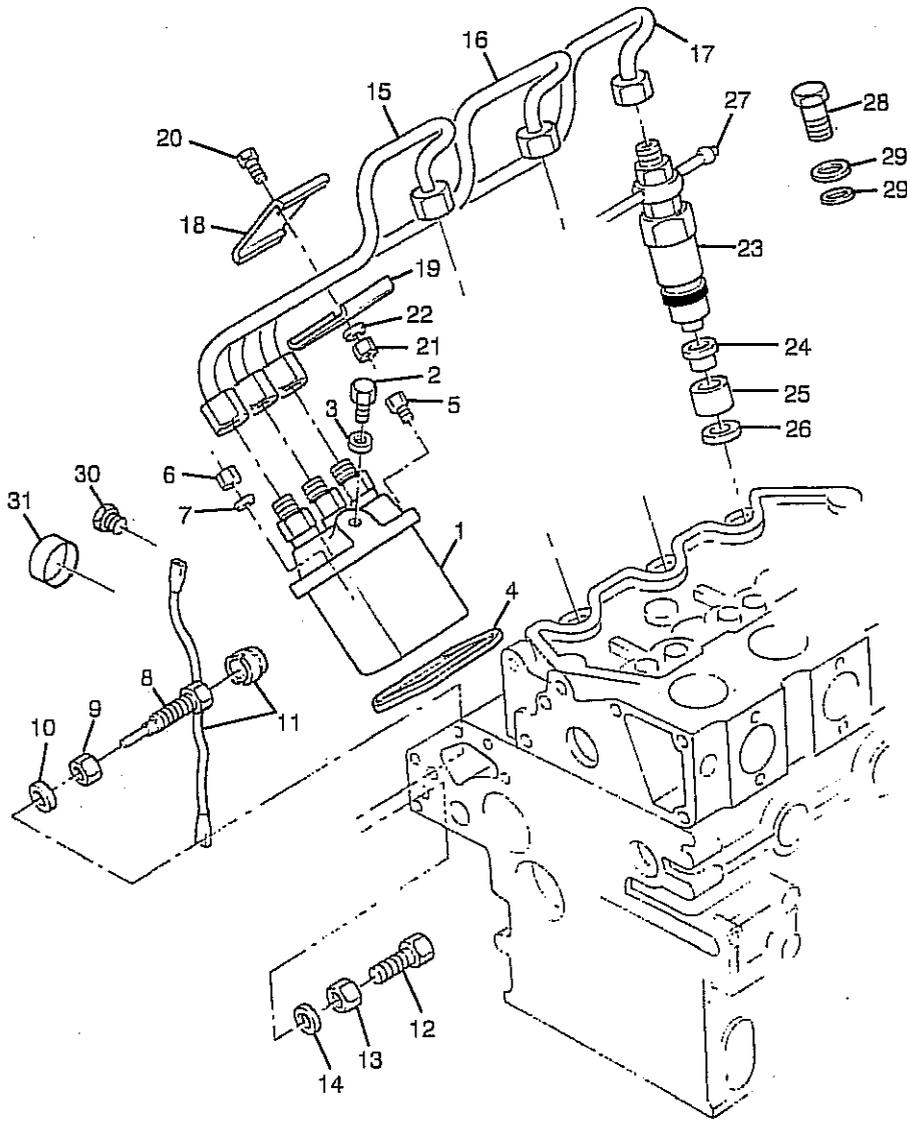
ACHK0019



ACHK0019

| Item                              | Part No.   | References   | Qty. | Description | Notes |
|-----------------------------------|------------|--|------|-------------|-------|
| 1                                 | 125046150  |  | 1    | LEVER       |       |
| 2                                 |            |  | 1    | LEVER       |       |
| 3                                 | —036800008 |  | 1    | SNAPRING    |       |
| 4                                 | —026100010 |  b.   | 1    | WASHER      |       |
| 5                                 | —125406080 | ● 125406081  | 1    | LEVER       |       |
| 6                                 |            |  | 1    | LINK        |       |
| 7                                 |            |  | 1    | PIN         |       |
| 8                                 | 198217110  | ● 198217140  | 1    | SPRING      |       |
| 9                                 | 031100004  |  | 1    | PIN         |       |
| 10                                | 198216731  |  | 1    | SPRING      |       |
| 11                                | 125156170  |  | 1    | ARM         |       |
| 12                                | 052100070  |  | 1    | O RING      |       |
| 13                                | 036800008  |  | 1    | SNAPRING    |       |
| 14                                | 125416020  |  | 1    | LEVER       |       |
| 15                                | 010100630  |  | 1    | SCREW       |       |
| 16                                | 023100006  |  | 1    | NUT         |       |
| 17                                | 125116141  |  a. | 1    | SHAFT       |       |
|                                   |            |  a. |      |             |       |
| 18                                | 052100030  |  a. | 2    | O RING      |       |
| 19                                | 036800005  |  | 1    | CIRCLIP     |       |
| 20                                | 125976120  |  | 1    | STAY        |       |
| 21                                | 011300616  |  | 2    | SCREW       |       |
| 22                                | 010109264  |  | 2    | SCREW       |       |
| 23                                | 023100006  |  | 2    | NUT         |       |
| 24                                | 125176080  |  | 1    | LEVER       |       |
| 25                                | 198216760  |  | 1    | SPRING      |       |
| 26                                | 026200008  |  | 1    | WASHER      |       |
| 27                                | 020700008  | ● 020300008  | 2    | NUT         |       |
| 28                                | 125156180  |  | 1    | ARM         |       |
| 29                                | 052100050  |  | 1    | O RING      |       |
| 30                                | 036800006  |  | 1    | CIRCLIP     |       |
| <b>History</b>                    |            |  |      |             |       |
| <b>a.</b>                         |            |  |      |             |       |
| 17                                | 125116140  |  | 1    | SHAFT       |       |
| 17, 18                            | 052100030  |  | 1    | O RING      |       |
| <b>b. General History Section</b> |            |  |      |             |       |
| 4                                 | —026200010 |  | 1    | WASHER      |       |

AFHK2083



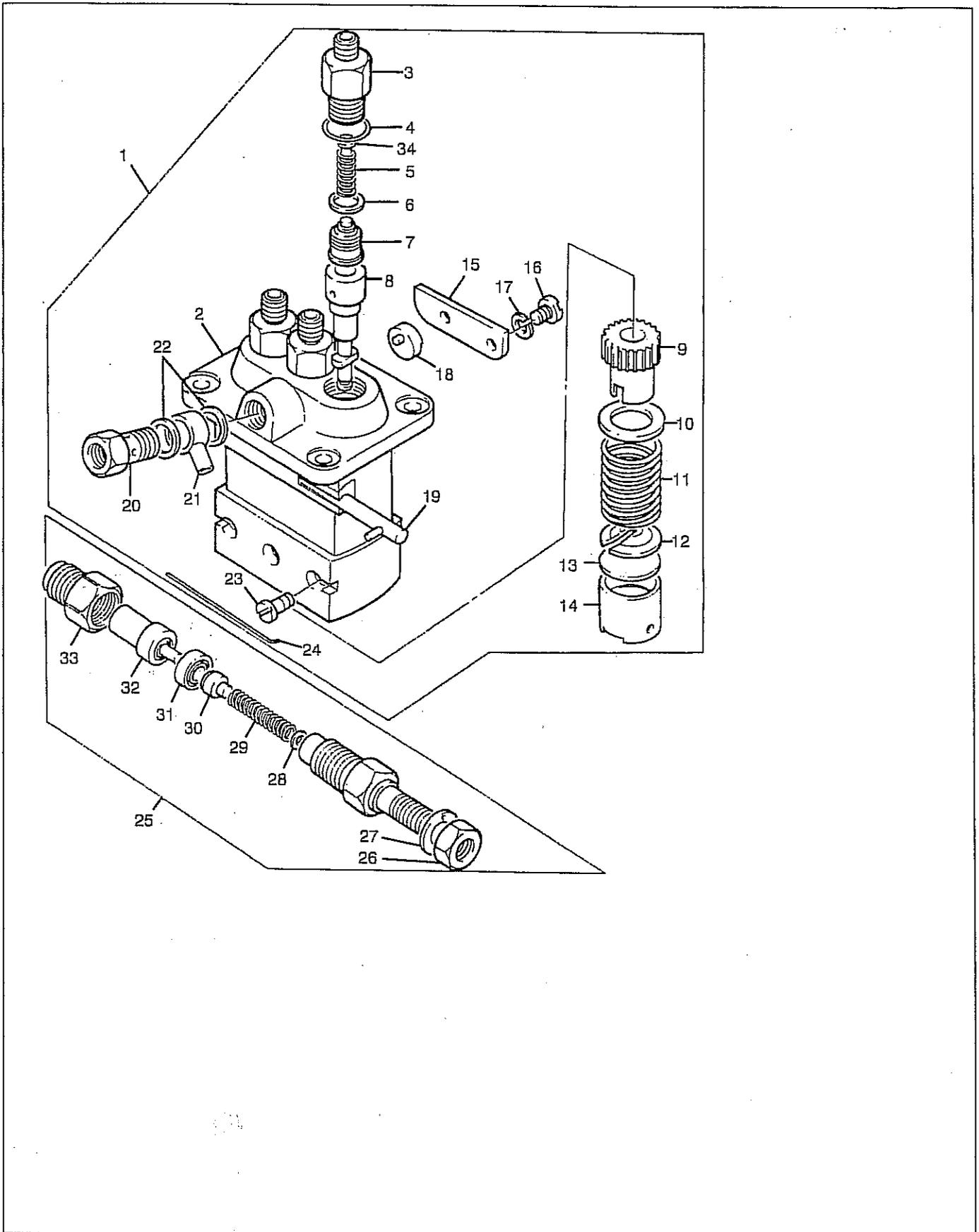
AFHK2083

| Item | Part No.  | References  | Qty. | Description            | Notes     |
|------|-----------|---|------|------------------------|-----------|
| 1    | 131017530 | ●○ 131017360  | 1    | FUEL INJECTION PUMP    | (A)       |
| 2    | 131136420 | ●○ 131136350  | 1    | SCREW                  |           |
| 3    | 025100008 |   | 1    | WASHER                 |           |
| 4    | 131426310 | $\frac{\nabla}{\Delta}$ (+)0.2MM<br>●○ 131437300                                      | X    | SHIM KIT               |           |
| 4    | 131426310 | ●○ 131437300  | X    | SHIM KIT               |           |
| 4    | 131426310 | $\frac{\nabla}{\Delta}$ (+)0.5MM<br>●○ 131437302                                      | X    | SHIM KIT               |           |
| 4    | 131426310 | $\frac{\nabla}{\Delta}$ (+)1.0MM<br>●○ 131437303                                      | X    | SHIM KIT               |           |
| 5    | 011300820 |   | 2    | SCREW                  |           |
| 6    | 023100008 |   | 2    | NUT                    |           |
| 7    | 027109010 |   | 2    | WASHER                 |           |
| 8    | 131046120 |   | 1    | SCREW                  |           |
| 9    | 023109002 |   | 1    | NUT                    |           |
| 10   | 025100010 |   | 1    | WASHER                 |           |
| 11   | 198236030 |   | 1    | WIRE                   |           |
| 12   | 010109271 | ●○ 010109270  | 1    | SCREW                  |           |
| 13   | 023109002 |   | 1    | NUT                    |           |
| 14   | 025100010 |   | 1    | WASHER                 |           |
| 15   | 131507160 |  1 | 1    | FUEL INJECTION PIPE    | NO.1 CYL. |
| 16   | 131507170 |  2 | 1    | FUEL INJECTION PIPE    | NO.2 CYL. |
| 17   | 131507180 |  3 | 1    | FUEL INJECTION PIPE    | NO.3 CYL. |
| 18   | 199106020 |   | 2    | DAMPER                 |           |
| 19   | 199106020 |   | 2    | DAMPER                 |           |
| 20   | 010100625 |   | 2    | SCREW                  |           |
| 21   | 023100006 |   | 2    | NUT                    |           |
| 23   | 131406360 |   | 3    | ATOMISER               | (A)       |
| 26   | 131426200 |   | 3    | GASKET                 |           |
| 27   | 131606290 |   | 1    | ATOMISER LEAK-OFF PIPE |           |

## Footnotes

(A) SEE FOLLOWING PARTS LIST FOR SERVICE COMPONENTS

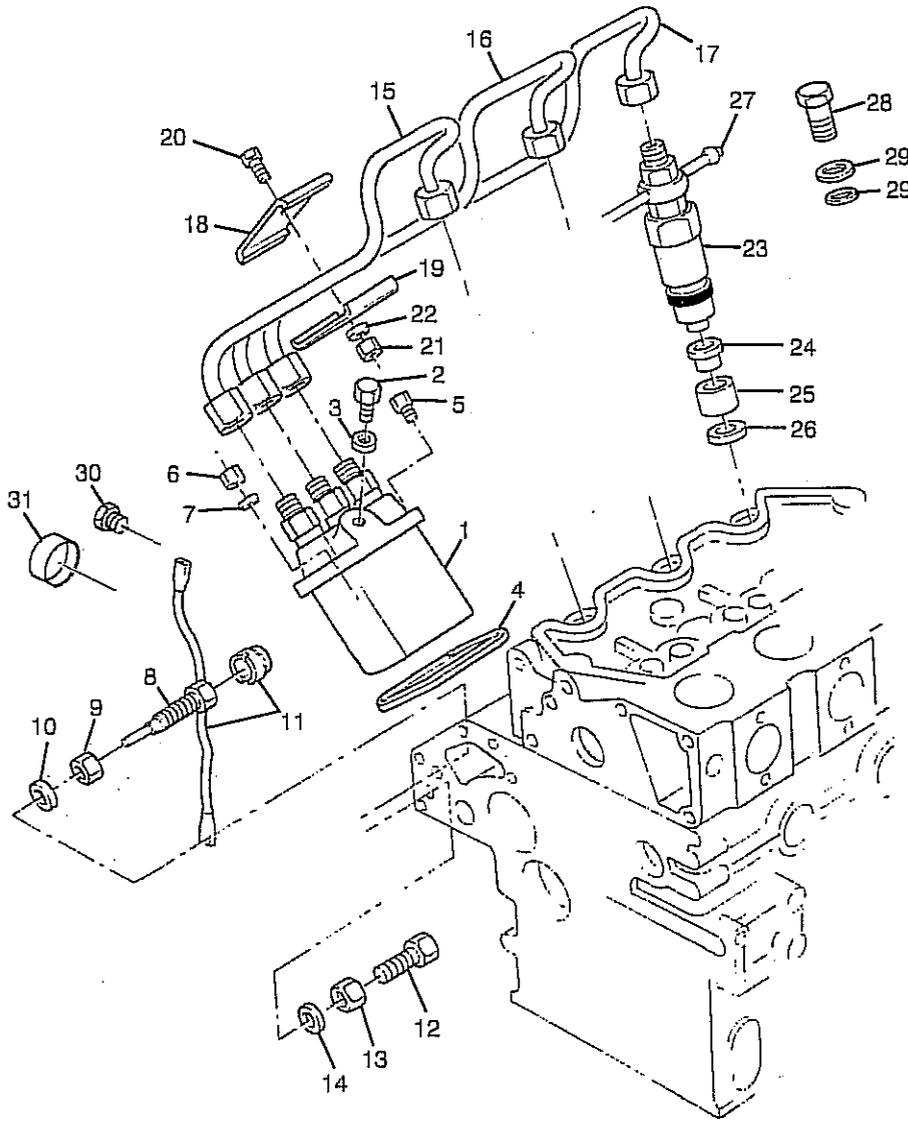
AFHK2083



AFHK2083

| Item | Part No.   | References   | Qty. | Description         | Notes |
|------|------------|--------------|------|---------------------|-------|
| 1    | 131017530  | ●○ 131017360 | 1    | FUEL INJECTION PUMP |       |
| 2    | —          | ⇒ REF.1      | 1    | BODY                |       |
| 3    | —131196060 | ●○ 131916060 | 3    | HOLDER              |       |
| 4    | —131226130 |              | 3    | O RING              |       |
| 5    | —131176450 |              | 3    | SPRING              |       |
| 6    | —131186110 |              | 3    | GASKET              |       |
| 7    | —131156150 |              | 3    | VALVE               |       |
| 8    | —131116380 |              | 3    | PLUNGER             |       |
| 9    | —131296647 |              | 3    | SLEEVE              |       |
| 10   | —131296532 |              | 3    | WASHER              |       |
| 11   | —131176320 |              | 3    | SPRING              |       |
| 12   | —131296531 |              | 3    | WASHER              |       |
| 13   | —131296530 |              | X    | PLATE               |       |
| 14   | —131256110 |              | 3    | TAPPET              |       |
| 15   | —131296649 |              | 1    | COVER               |       |
| 16   | —131296408 |              | 2    | SCREW               |       |
| 17   | —131146070 |              | 2    | WASHER              |       |
| 18   | —131296648 |              | 1    | PIN                 |       |
| 19   | —131296678 |              | 1    | RACK                |       |
| 20   | —131246170 |              | 1    | BOLT                |       |
| 21   | —131246010 |              | 1    | CONNECTION          |       |
| 22   | —131296255 |              | 2    | GASKET              |       |
| 23   | —131296645 |              | 1    | PIN                 |       |
| 25   | 131406360  |              | 1    | ATOMISER            |       |
| 26   | —131446006 |              | 1    | NUT                 |       |
| 27   | —131426230 |              | 1    | GASKET              |       |
| 28   | —131437360 |              | 3    | SHIM                |       |
| 29   | —131446074 |              | 1    | SPRING              |       |
| 30   | —131446075 |              | 1    | WASHER              |       |
| 31   | —131446076 |              | 1    | SPACER              |       |
| 32   | —131416170 |              | 1    | NOZZLE              |       |
| 33   | —131446077 |              | 1    | NUT                 |       |
| 44   | 33856109   |              | 1    | HOSE                |       |
| 55   | 21825200   | ●○ 0180070   | 8    | CLIP                |       |
| 67   | 33855125   |              | 2    | HOSE                |       |

AFHK2084



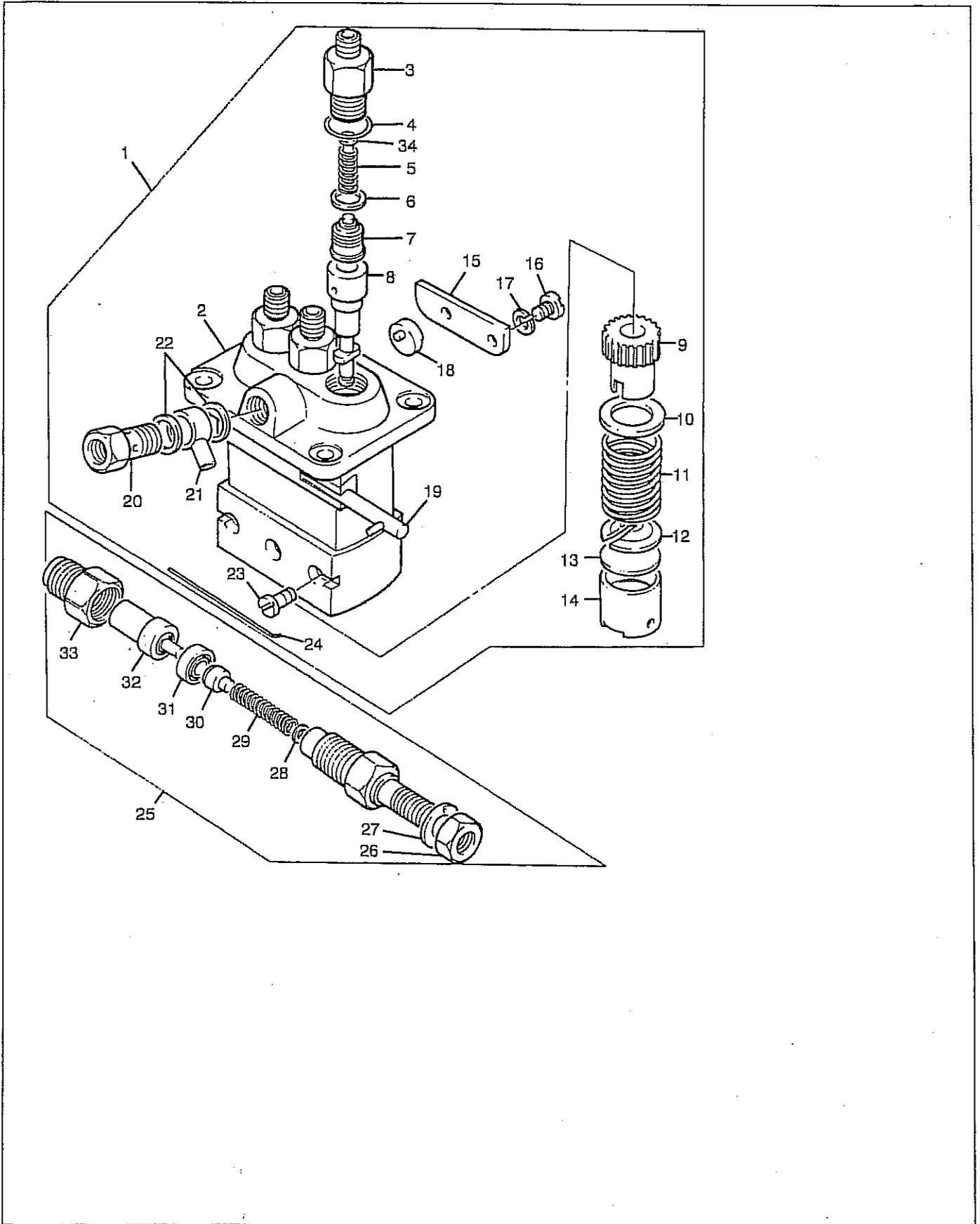
AFHK2084

| Item | Part No.  | References  | Qty. | Description            | Notes     |
|------|-----------|---|------|------------------------|-----------|
| 1    | 131017530 | ●○ 131017360  | 1    | FUEL INJECTION PUMP    | (A)       |
| 2    | 131136420 | ●○ 131136350  | 1    | SCREW                  |           |
| 3    | 025100008 |   | 1    | WASHER                 |           |
| 4    | 131426310 | $\frac{\nabla}{\blacktriangle}$ (+)0.2MM<br>●○ 131437300                              | X    | SHIM KIT               |           |
| 4    | 131426310 | ●○ 131437300  | X    | SHIM KIT               |           |
| 4    | 131426310 | $\frac{\nabla}{\blacktriangle}$ (+)0.5MM<br>●○ 131437302                              | X    | SHIM KIT               |           |
| 4    | 131426310 | $\frac{\nabla}{\blacktriangle}$ (+)1.0MM<br>●○ 131437303                              | X    | SHIM KIT               |           |
| 5    | 011300820 |   | 2    | SCREW                  |           |
| 6    | 023100008 |   | 2    | NUT                    |           |
| 7    | 027109010 |   | 2    | WASHER                 |           |
| 8    | 131046160 |   | 1    | SCREW                  |           |
| 9    | 023109002 |   | 1    | NUT                    |           |
| 10   | 025100010 |   | 1    | WASHER                 |           |
| 11   | 198236030 |   | 1    | WIRE                   |           |
| 12   | 010109271 | ●○ 010109270  | 1    | SCREW                  |           |
| 13   | 023109002 |   | 1    | NUT                    |           |
| 14   | 025100010 |   | 1    | WASHER                 |           |
| 15   | 131507160 |  1 | 1    | FUEL INJECTION PIPE    | NO.1 CYL. |
| 16   | 131507170 |  2 | 1    | FUEL INJECTION PIPE    | NO.2 CYL. |
| 17   | 131507180 |  3 | 1    | FUEL INJECTION PIPE    | NO.3 CYL. |
| 18   | 199106020 |   | 2    | DAMPER                 |           |
| 19   | 199106020 |   | 2    | DAMPER                 |           |
| 20   | 010100625 |   | 2    | SCREW                  |           |
| 21   | 023100006 |   | 2    | NUT                    |           |
| 23   | 131406360 |   | 3    | ATOMISER               | (A)       |
| 26   | 131426200 |   | 3    | GASKET                 |           |
| 27   | 131606290 |   | 1    | ATOMISER LEAK-OFF PIPE |           |

Footnotes

(A) SEE FOLLOWING PARTS LIST FOR SERVICE COMPONENTS

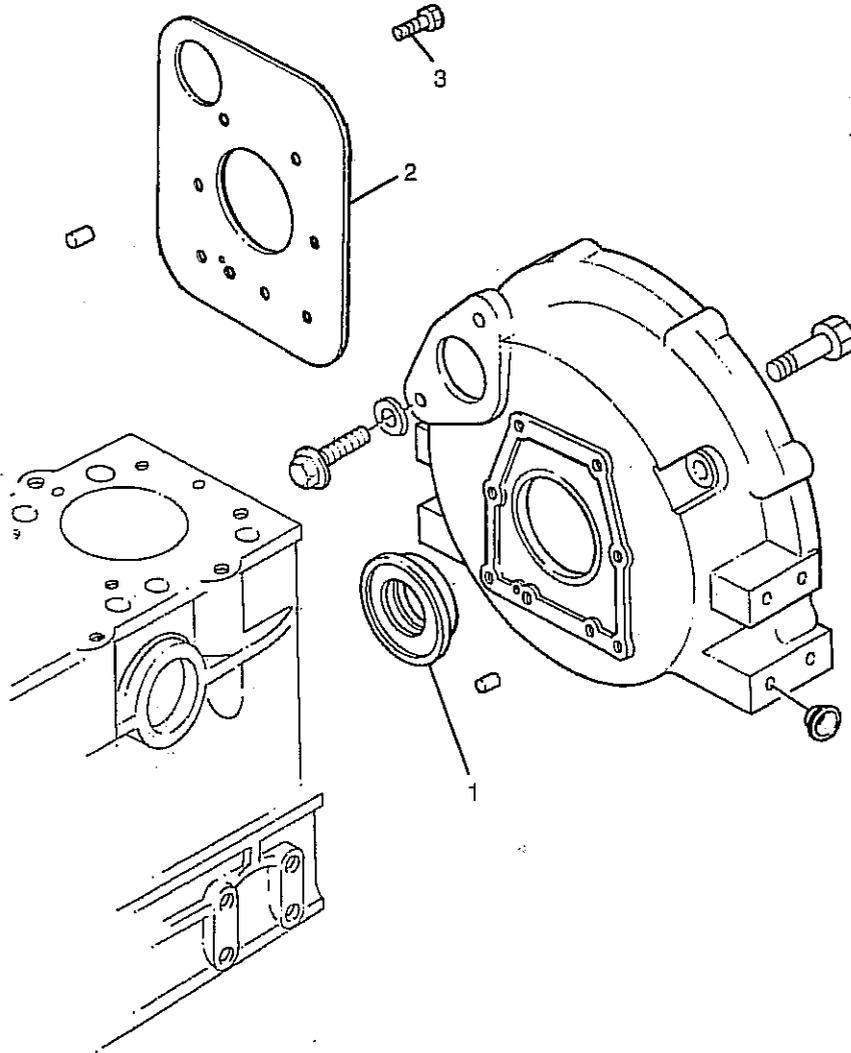
AFHK2084



AFHK2084

| Item | Part No.    | References   | Qty. | Description         | Notes |
|------|-------------|--------------|------|---------------------|-------|
| 1    | 131017530   | ●○ 131017360 | 1    | FUEL INJECTION PUMP |       |
| 2    | —           | ⇒ REF.1      | 1    | BODY                |       |
| 3    | — 131196060 | ●○ 131916060 | 3    | HOLDER              |       |
| 4    | — 131226130 |              | 3    | O RING              |       |
| 5    | — 131176450 |              | 3    | SPRING              |       |
| 6    | — 131186110 |              | 3    | GASKET              |       |
| 7    | — 131156150 |              | 3    | VALVE               |       |
| 8    | — 131116380 |              | 3    | PLUNGER             |       |
| 9    | — 131296647 |              | 3    | SLEEVE              |       |
| 10   | — 131296532 |              | 3    | WASHER              |       |
| 11   | — 131176320 |              | 3    | SPRING              |       |
| 12   | — 131296531 |              | 3    | WASHER              |       |
| 13   | — 131296530 |              | X    | PLATE               |       |
| 14   | — 131256110 |              | 3    | TAPPET              |       |
| 15   | — 131296649 |              | 1    | COVER               |       |
| 16   | — 131296408 |              | 2    | SCREW               |       |
| 17   | — 131146070 |              | 2    | WASHER              |       |
| 18   | — 131296648 |              | 1    | PIN                 |       |
| 19   | — 131296678 |              | 1    | RACK                |       |
| 20   | — 131246170 |              | 1    | BOLT                |       |
| 21   | — 131246010 |              | 1    | CONNECTION          |       |
| 22   | — 131296255 |              | 2    | GASKET              |       |
| 23   | — 131296645 |              | 1    | PIN                 |       |
| 25   | 131406360   |              | 1    | ATOMISER            |       |
| 26   | — 131446006 |              | 1    | NUT                 |       |
| 27   | — 131426230 |              | 1    | GASKET              |       |
| 28   | — 131437360 |              | 3    | SHIM                |       |
| 29   | — 131446074 |              | 1    | SPRING              |       |
| 30   | — 131446075 |              | 1    | WASHER              |       |
| 31   | — 131446076 |              | 1    | SPACER              |       |
| 32   | — 131416170 |              | 1    | NOZZLE              |       |
| 33   | — 131446077 |              | 1    | NUT                 |       |
| 44   | 33856109    |              | 1    | HOSE                |       |
| 55   | 21825200    | ●○ 0180070   | 8    | CLIP                |       |
| 67   | 33855125    |              | 2    | HOSE                |       |

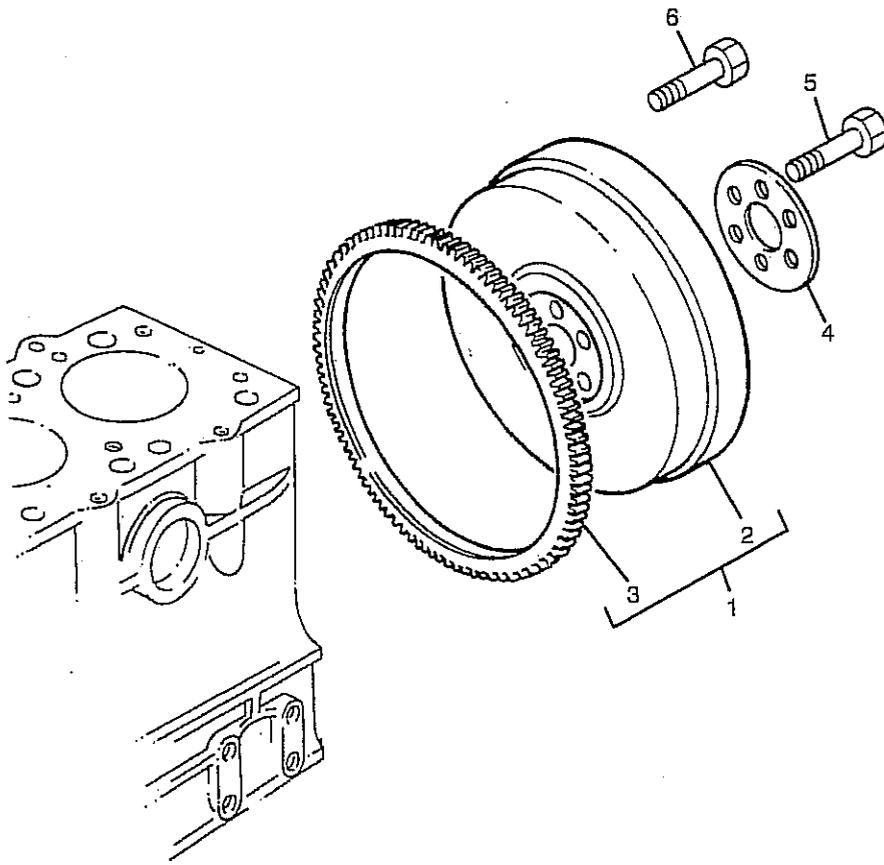
CDHK0754



CDHK0754

| Item           | Part No.  | References   | Qty. | Description | Notes |
|----------------|-----------|--|------|-------------|-------|
| 1              | 198636170 |  | 1    | SEAL        |       |
| 2              | 110366490 |  a. | 1    | BACKPLATE   |       |
| 3              | 011300816 |  | 10   | SCREW       |       |
| <b>History</b> |           |  |      |             |       |
| a.             |           |  |      |             |       |
| 2              | 110366350 |  | 1    | PLATE       |       |

DDHK0817



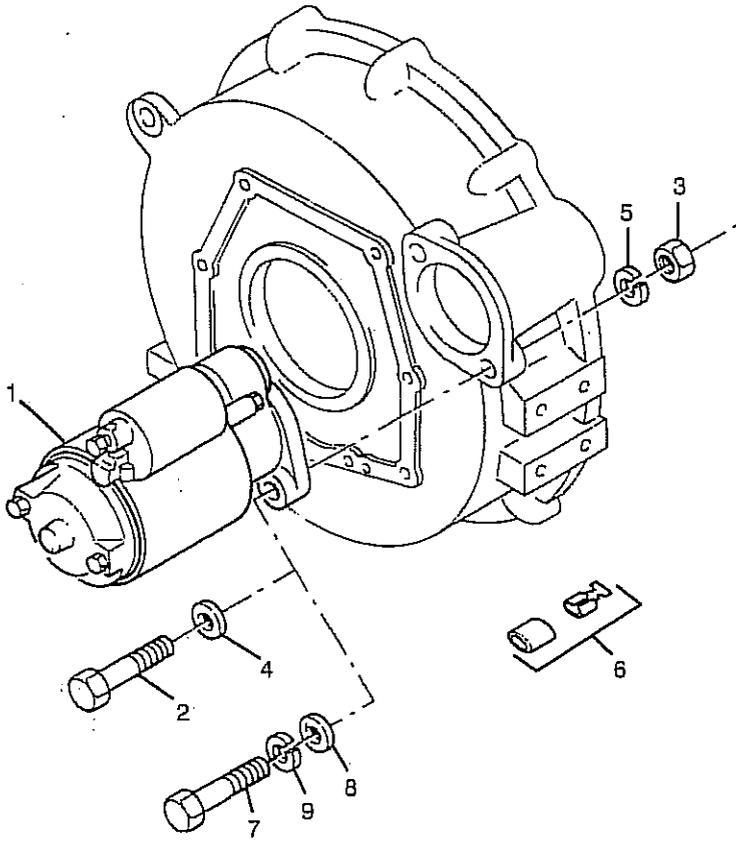
Flywheel & Starter Ring

Plate A

DDHK0817

| Item | Part No.  | References | Qty. | Description  | Notes |
|------|-----------|------------|------|--------------|-------|
| 3    | 115376040 |            | 1    | STARTER RING |       |
| 5    | 010109341 |            | 6    | BOLT         |       |

EDHK0611



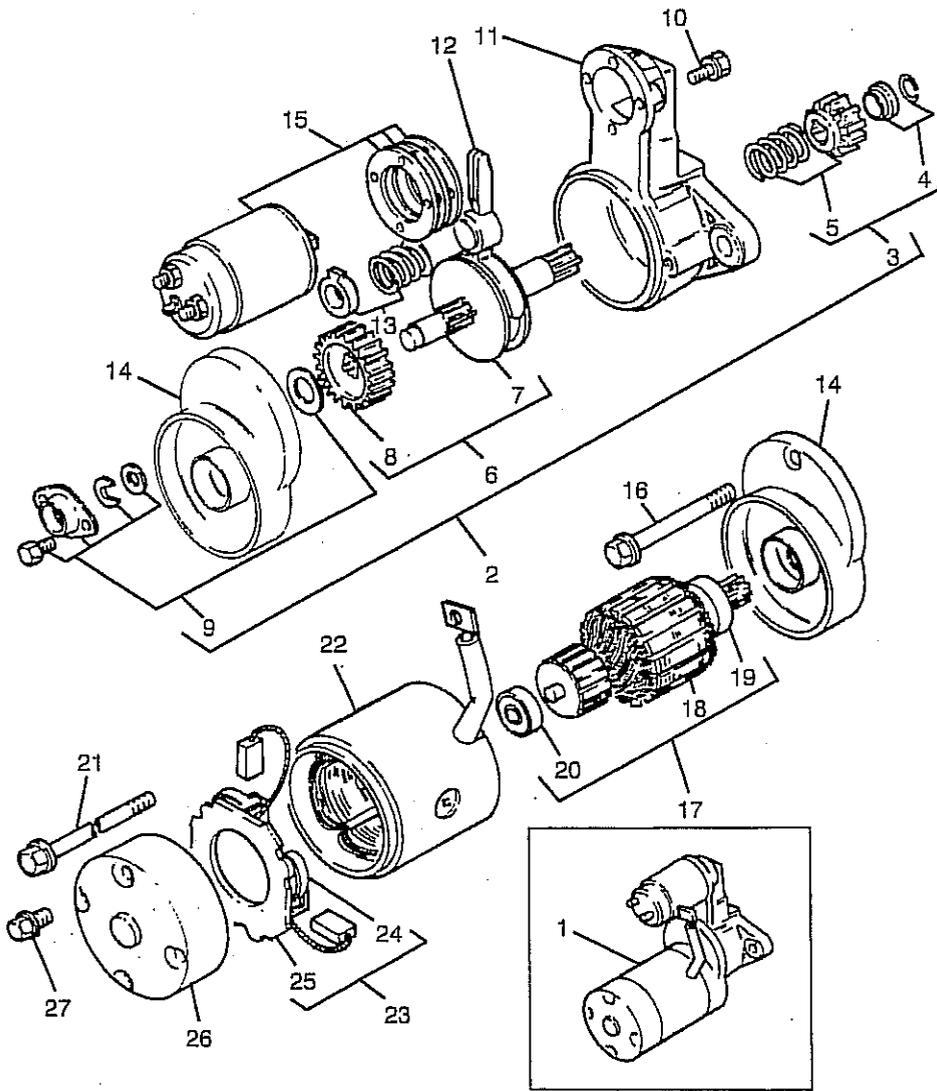
EDHK0611

| Item | Part No.  | References   | Qty. | Description  | Notes   |
|------|-----------|--------------|------|--------------|---------|
| 1    | 185086560 | ●○ 185086291 | 1    | STARTERMOTOR | (A,B,C) |
| 1    | 185086600 |              | 1    | STARTERMOTOR | (D,C,E) |
| 2    | 010101030 |              | 2    | SCREW        |         |
| 3    | 020100010 |              | 2    | NUT          |         |
| 4    | 026100010 |              | 2    | WASHER       |         |
| 5    | 027100010 |              | 2    | WASHER       |         |

**Footnotes**

|     |  |
|-----|--|
| (A) | FOR BREAKDOWN DETAILS SEE FOLLOWING PAGES                                      |
| (B) | FITTED UP TO ENGINE NUMBER KR.....905379C OR KE.....909387D OR KF.....909448D. |
| (C) | REFER TO SERVICE BULLETIN NO.50 (100 SERIES,FEBRUARY 1998).                    |
| (D) | FITTED FROM ENGINE NUMBER KR.....905379C OR KE.....909387D OR KF.....909448D.  |
| (E) | BREAKDOWN HAS YET TO BE ADVISED.   |

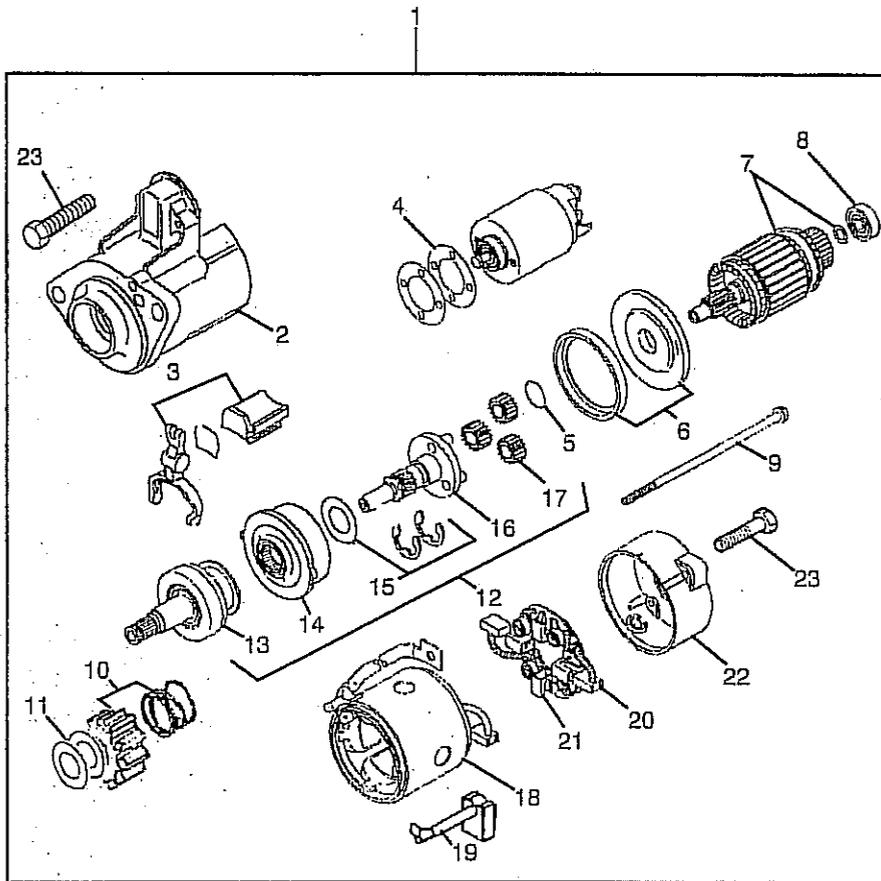
EDHK0611



EDHK0611

| Item | Part No.   | References  | Qty. | Description  | Notes |
|------|------------|-------------|------|--------------|-------|
| 1    | 185086560  |             | 1    | STARTERMOTOR |       |
| 2    | —185866180 |             | 1    | SHAFT        |       |
| 3    | —185846406 |             | 1    | PINION       |       |
| 4    | —185846327 |             | 1    | CIRCLIP      |       |
| 5    |            | ⇒ REF.3     | 1    | GEAR         |       |
| 6    | —185846328 |             | 1    | GEAR         |       |
| 7    | —185866130 |             | 1    | SHAFT        |       |
| 8    | —185846329 |             | 1    | GEAR         |       |
| 9    | —185846330 |             | 1    | COVER        |       |
| 10   | —185846317 |             | 2    | SCREW        |       |
| 11   | —185846467 |             | 1    | COVER        |       |
| 12   | —185846319 |             | 1    | LEVER        |       |
| 13   | —185846320 |             | 1    | SPRING       |       |
| 14   | —185846321 |             | 1    | BRACKET      |       |
| 15   | —185816120 |             | 1    | SWITCH       |       |
| 16   | —185846322 |             | 1    | BOLT         |       |
| 17   | —185846357 |             | 1    | ARMATURE     |       |
| 18   |            | ⇒ REF.17    | 1    | ARMATURE     |       |
| 19   | —040116002 | ● 185846324 | 1    | BALL BEARING |       |
| 20   | —185846325 |             | 1    | BEARING      |       |
| 21   | —185846363 |             | 2    | BOLT         |       |
| 22   | —185846364 |             | 1    | HOUSING      |       |
| 23   | —185846360 |             | 1    | BRUSH        |       |
| 24   | —185846361 |             | 4    | SPRING       |       |
| 25   |            | ⇒ REF.23    | 1    | HOLDER       |       |
| 26   | —185846362 |             | 1    | COVER        |       |
| 27   | —185846317 |             | 3    | SCREW        |       |

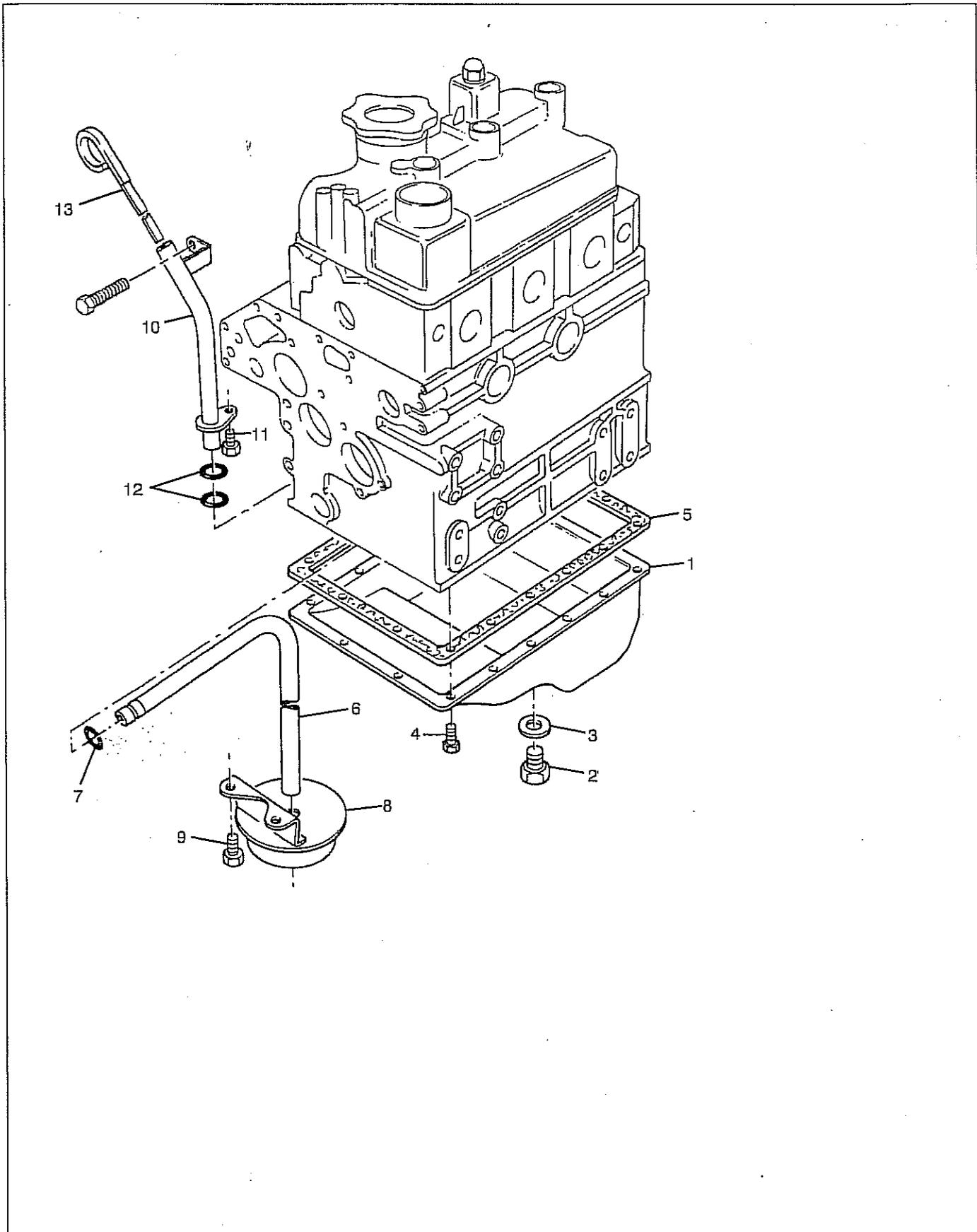
EDHK0611



EDHK0611

| Item | Part No.   | References | Qty. | Description       | Notes |
|------|------------|------------|------|-------------------|-------|
| 1    | 185086560  |            | 1    | STARTERMOTOR      |       |
| 2    | —185846622 |            | 1    | BRACKET           |       |
| 3    | —185846625 |            | 1    | LEVER             |       |
| 4    | —185816340 |            | 1    | SWITCH            |       |
| 5    | —185846616 |            | 1    | BALL              |       |
| 6    | —185996010 |            | 1    | PACKING           |       |
| 7    | —185846628 |            | 1    | ARMATURE ASSEMBLY |       |
| 8    | └185446283 |            | 1    | BEARING           |       |
| 9    | —185846536 |            | 1    | BOLT              |       |
| 10   | —185846626 |            | 1    | PINION            |       |
| 11   | └185846391 |            | 1    | STOP              |       |
| 12   | —185866420 |            | 1    | SHAFT             |       |
| 13   | └185866440 |            | 1    | CLUTCH            |       |
| 14   | └185846624 |            | 1    | GEAR              |       |
| 15   | └185846623 |            | 1    | WASHER            |       |
| 16   | └185866430 |            | 1    | SHAFT             |       |
| 17   | └185846613 |            | 1    | GEAR              |       |
| 18   | —185846629 |            | 1    | YOKE              |       |
| 19   | └185846630 |            | 1    | BRUSH             |       |
| 20   | —185846631 |            | 1    | HOLDER            |       |
| 21   | └185846632 |            | 1    | SPRING            |       |
| 22   | —185846633 |            | 1    | BRACKET           |       |
| 23   | └185846627 |            | 1    | SCREW KIT         |       |

GBHK1379



GBHK1379

| Item | Part No.  | References  | Qty. | Description   | Notes |
|------|-----------|---|------|---------------|-------|
| 1    | 110706880 |   | 1    | SUMP          |       |
| 2    | 010401212 |   | 1    | PLUG          |       |
| 3    | 025100012 |   | 1    | WASHER        |       |
| 4    | 010109235 |   | 26   | SCREW         |       |
| 5    | 110996820 |  c.        | 1    | SUMP JOINT    |       |
| 6    | 140986530 |   | 1    | OIL PIPE      |       |
| 7    | 052109076 |  052100110 | 1    | O RING        |       |
| 8    | 140406310 |   | 1    | STRAINER      |       |
| 9    | 011310612 |   | 2    | SCREW         |       |
| 10   | 110756560 |  b.        | 1    | DIPSTICK TUBE |       |
| 11   | 011300612 |   | 1    | BOLT          |       |
| 12   | 052100100 |   | 2    | O RING        |       |
| 13   | 198416730 |  a.        | 1    | OIL DIPSTICK  |       |

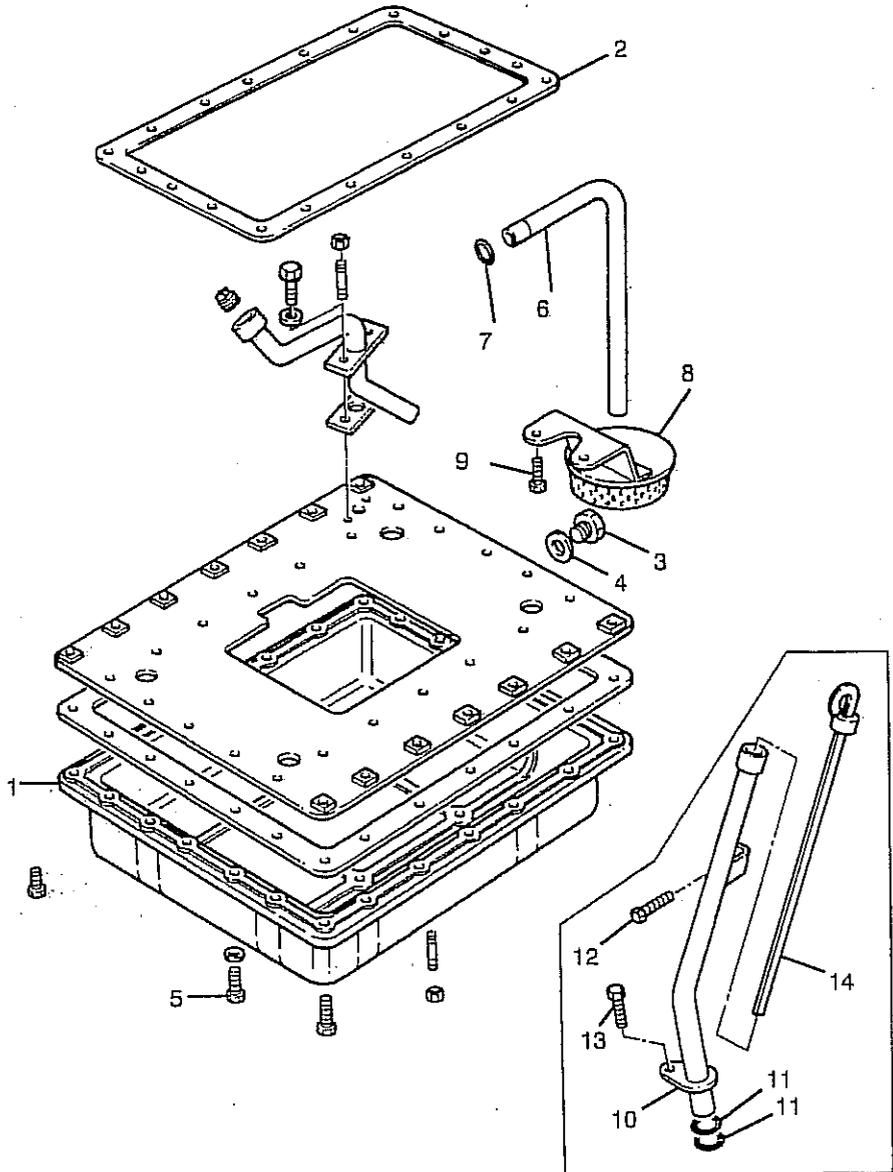
## History

|           |           |  |   |          |                |
|-----------|-----------|--|---|----------|----------------|
| <b>a.</b> |           |  |   |          |                |
| 13        | 198416320 |  | 1 | DIPSTICK | (A) 275MM LONG |
| <b>b.</b> |           |  |   |          |                |
| 10        | 110756140 |  | 1 | TUBE     |                |
| <b>c.</b> |           |  |   |          |                |
| 5         | 110996560 |  | 1 | GASKET   |                |

## Footnotes

(A) ALTERNATIVES

GBHK1500



GBHK1500

| Item | Part No.  | References   | Qty. | Description   | Notes |
|------|-----------|--|------|---------------|-------|
| 1    | 110706880 |  | 1    | SUMP          |       |
| 2    | 110996820 |  c.   | 1    | SUMP JOINT    |       |
| 3    | 010401212 |  | 1    | PLUG          |       |
| 4    | 025100012 |  | 1    | WASHER        |       |
| 5    | 010109235 |  | 26   | SCREW         |       |
| 6    | 140986530 |  | 1    | OIL PIPE      |       |
| 7    | 052109076 | ● 052100110  | 1    | O RING        |       |
| 8    | 140406310 |  | 1    | STRAINER      |       |
| 9    | 011310612 |  | 2    | SCREW         |       |
| 10   | 110756580 |  b.<br> d. | 1    | DIPSTICK TUBE |       |
| 11   | 052100100 |  | 2    | O RING        |       |
| 12   | 011300812 |  | 1    | SCREW         |       |
| 13   | 011300612 |  | 1    | BOLT          |       |
| 14   | 198416740 |  a.   | 1    | OIL DIPSTICK  |       |

## History

a.

|    |           |  |   |          |                |
|----|-----------|--|---|----------|----------------|
| 14 | 198416371 |  | 1 | DIPSTICK | (A) 445MM LONG |
|----|-----------|--|---|----------|----------------|

b.

|    |           |            |   |      |  |
|----|-----------|------------|---|------|--|
| 10 | 110756360 | → 01/10/92 | 1 | TUBE |  |
|----|-----------|------------|---|------|--|

c.

|   |           |  |   |        |  |
|---|-----------|--|---|--------|--|
| 2 | 110996560 |  | 1 | GASKET |  |
|---|-----------|--|---|--------|--|

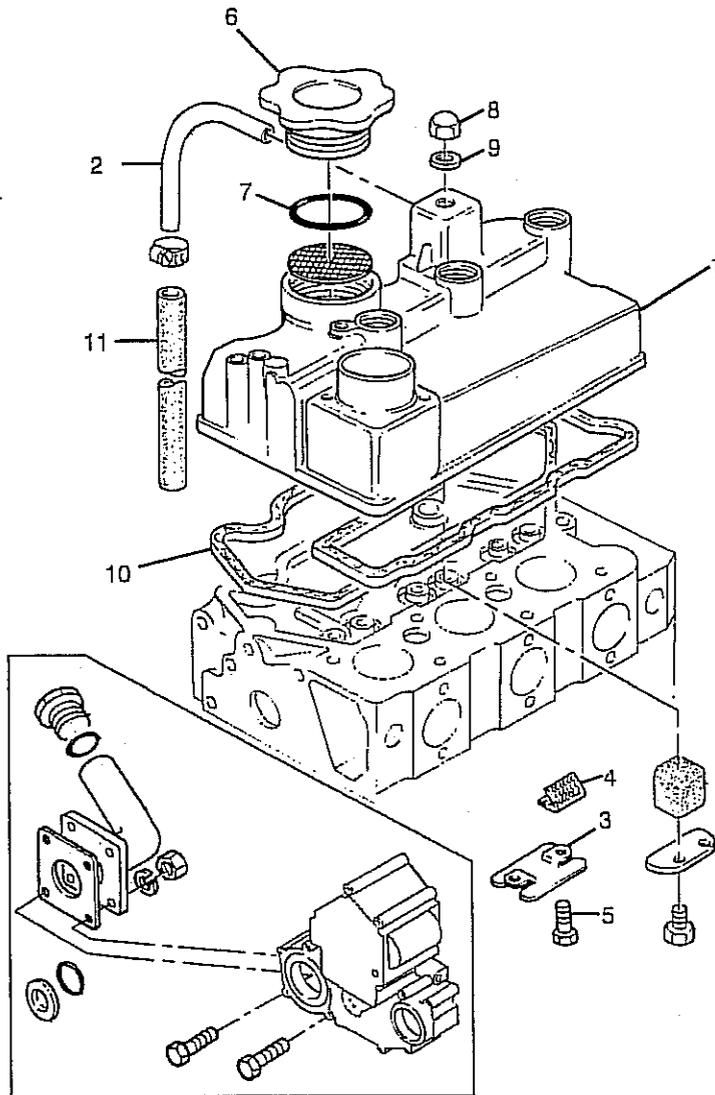
d. General History Section

|    |           |            |   |      |  |
|----|-----------|------------|---|------|--|
| 10 | 110756201 | → 30/09/92 | 1 | TUBE |  |
|----|-----------|------------|---|------|--|

## Footnotes

|     |              |
|-----|--------------|
| (A) | ALTERNATIVES |
|-----|--------------|

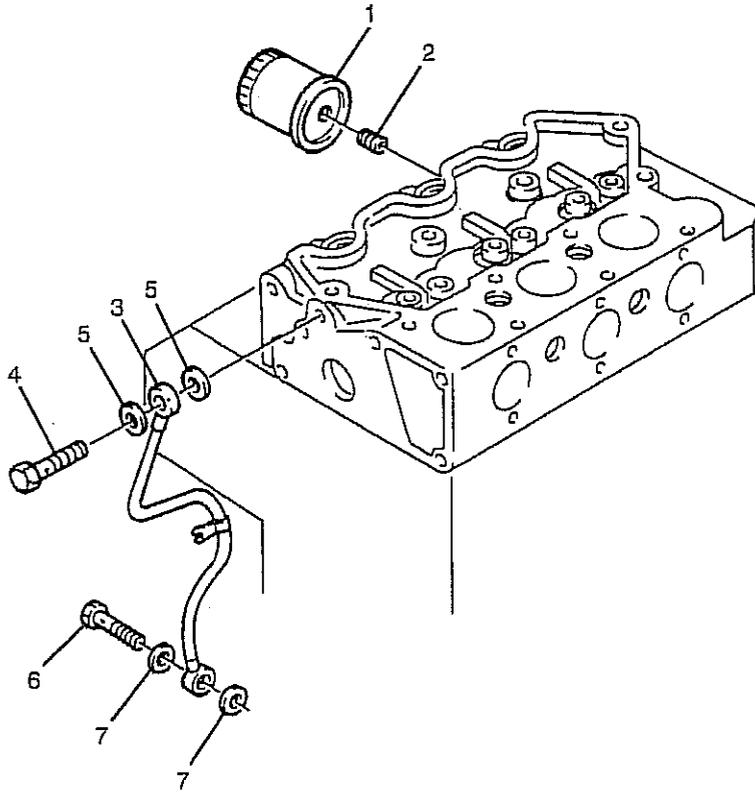
HBHK1389



HBHK1389

| Item           | Part No.   | References   | Qty. | Description          | Notes |
|----------------|------------|--|------|----------------------|-------|
| 1              | 111026491  | ●○ 111026490   | 1    | CYLINDER HEAD COVER  |       |
| 2              | —140986581 |  | 1    | AIR PIPE             |       |
| 3              | —110666050 |  | 1    | PLATE                |       |
| 4              | —110666090 |  | 1    | GAUZE                |       |
| 5              | —011300612 |  | 2    | BOLT                 |       |
| 6              | 198436010  |  | 1    | CAP                  |       |
| 7              | 052100400  |  | 1    | SEAL                 |       |
| 8              | 024600008  | ●○ 024500008   | 3    | NUT                  |       |
| 9              | 140996260  |  a. | 3    | WASHER               |       |
| 10             | 052109064  |  | 1    | INLET MANIFOLD JOINT |       |
| 11             | 068109036  |  | 1    | HOSE                 |       |
| <b>History</b> |            |  |      |                      |       |
| a.             |            |  |      |                      |       |
| 9              | 198996060  |  | 3    | WASHER               |       |

JBHK1071



JBHK1071

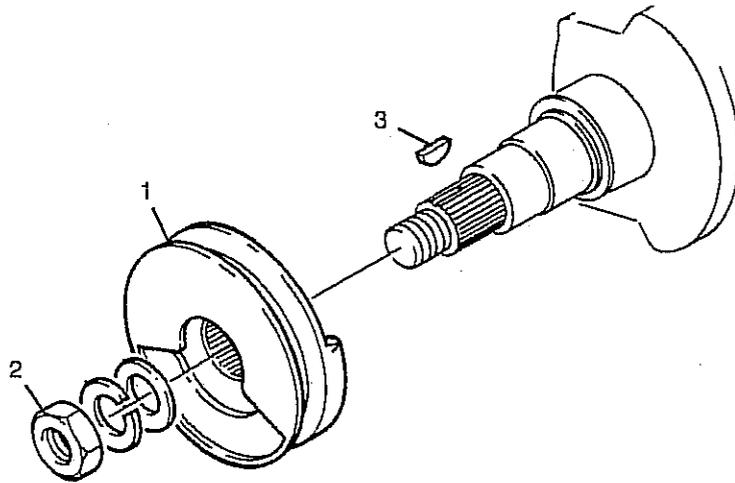
| Item | Part No.  | References   | Qty. | Description | Notes |
|------|-----------|--|------|-------------|-------|
| 1    | 140516130 |  | 1    | OIL FILTER  |       |
| 2    | 140546020 |  | 1    | CONNECTION  |       |
| 3    | 140606691 |  | 1    | OIL PIPE    |       |
| 4    | 198486780 |  | 1    | BOLT        |       |
| 5    | 140996260 |  a. | 2    | WASHER      |       |
| 6    | 198486780 |  | 1    | BOLT        |       |
| 7    | 140996260 |  a. | 2    | WASHER      |       |

**History**

a.

|   |           |  |   |        |  |
|---|-----------|--|---|--------|--|
| 5 | 198996060 |  | 2 | WASHER |  |
| 7 | 198996060 |  | 2 | WASHER |  |

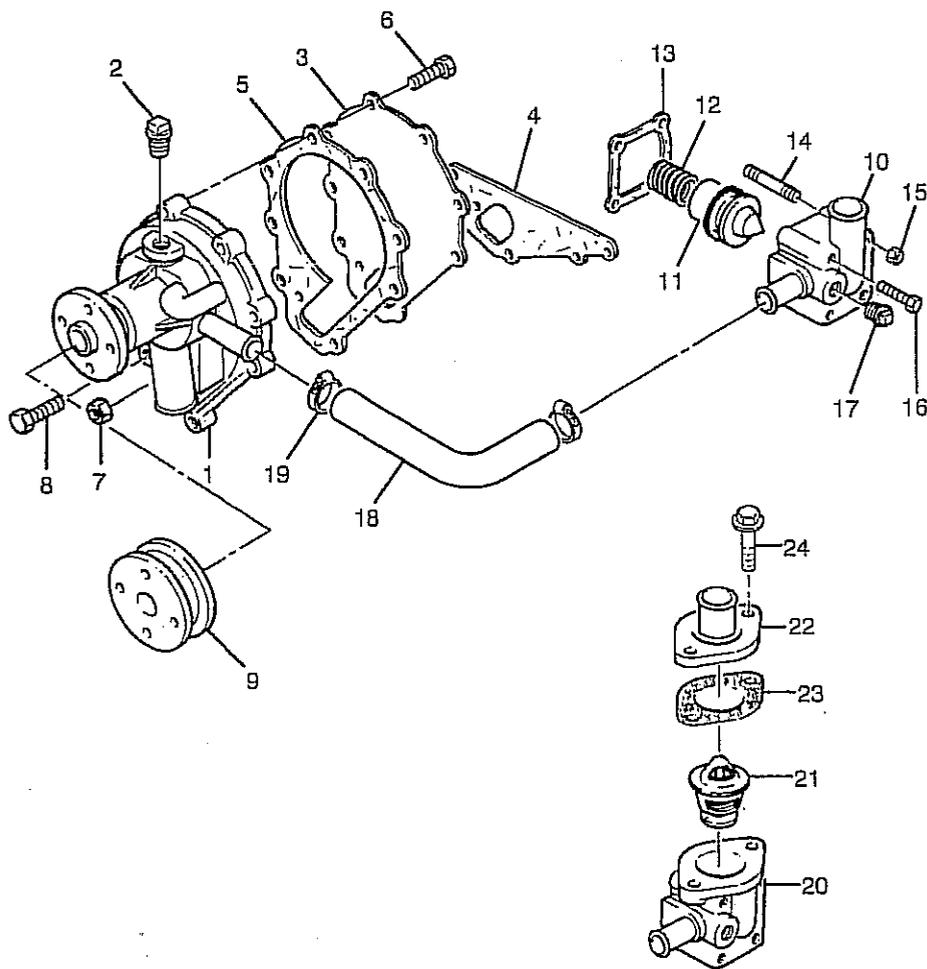
KBHK0577



KBHK0577

| Item           | Part No.  | References | Qty. | Description       | Notes |
|----------------|-----------|------------|------|-------------------|-------|
| 1              | 115396820 |            | 1    | CRANKSHAFT PULLEY |       |
| 2              | 020109086 |            | 1    | NUT               |       |
| 3              | 034100508 |            | 1    | WOODRUFF KEY      |       |
| <b>History</b> |           |            |      |                   |       |
| a.             | 026100024 |            | 1    | WASHER            |       |

LBHK1439



LBHK1439

| Item | Part No.  | References   | Qty. | Description        | Notes |
|------|-----------|--|------|--------------------|-------|
| 1    | 145016900 |  | 1    | WATER PUMP         |       |
| 2    | 064500030 |  | 1    | PLUG               |       |
| 3    | 145146320 |  | 1    | PLATE              |       |
| 4    | 145996670 |  c.   | 1    | JOINT              |       |
| 5    | 145996460 |  | 1    | GASKET             |       |
| 6    | 015300614 |  | 5    | SCREW              |       |
| 7    | 023100006 |  | 1    | NUT                |       |
| 8    | 011300635 |  | 4    | SCREW              |       |
| 9    | 145336620 |  | 1    | WATERPUMP PULLEY   |       |
| 10   |           |  | 1    | THERMOSTAT HOUSING | (A)   |
| 11   | 145206210 | ●○ 145206022<br>●○ 145206021   | 1    | THERMOSTAT         | (B)   |
| 12   | 198217400 | ●○ 198216790   | 1    | SPRING             | (B)   |
| 13   | 145996710 |  b.   | 1    | GASKET             |       |
| 14   | 012100645 |  | 2    | STUD               |       |
| 15   | 023100006 |  | 2    | NUT                |       |
| 16   | 011300645 |  | 2    | SCREW              |       |
| 17   | 064500030 |  | 1    | PLUG               |       |
| 18   | 145536050 |  | 1    | HOSE               |       |
| 19   | 067100022 |  | 2    | CLIP               |       |
| 20   | 145216380 |  a. | 1    | THERMOSTAT HOUSING |       |
| 21   | 145206180 |  | 1    | THERMOSTAT         | (C)   |
| 22   | 145226340 |  a. | 1    | CONNECTION         |       |
| 23   | 145996051 |  | 1    | JOINT              | (C)   |
| 24   | 011500820 |  | 2    | SCREW              | (C)   |

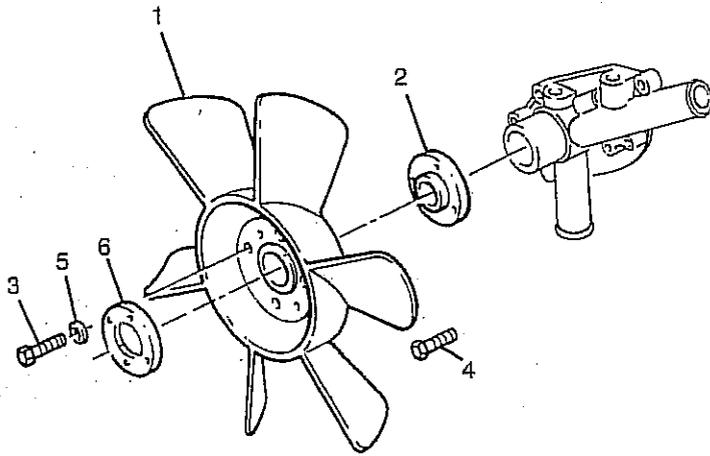
## History

|           |           |              |   |                    |     |
|-----------|-----------|--------------|---|--------------------|-----|
| <b>a.</b> |           |              |   |                    |     |
| 20        | 145216370 | ●○ 145216180 | 1 | THERMOSTAT HOUSING |     |
| 22        | 145226310 |              | 1 | COVER              | (C) |
| <b>b.</b> |           |              |   |                    |     |
| 13        | 145996360 |              | 1 | GASKET             |     |
| <b>c.</b> |           |              |   |                    |     |
| 4         | 145996370 |              | 1 | JOINT              |     |

## Footnotes

|     |  |
|-----|--|
| (A) | WAS 145216151 USE 145216370 WITH ITEMS 22 TO 25. |
| (B) | USED ONLY WITH 145216151                         |
| (C) | USED ONLY WITH 145216370                         |

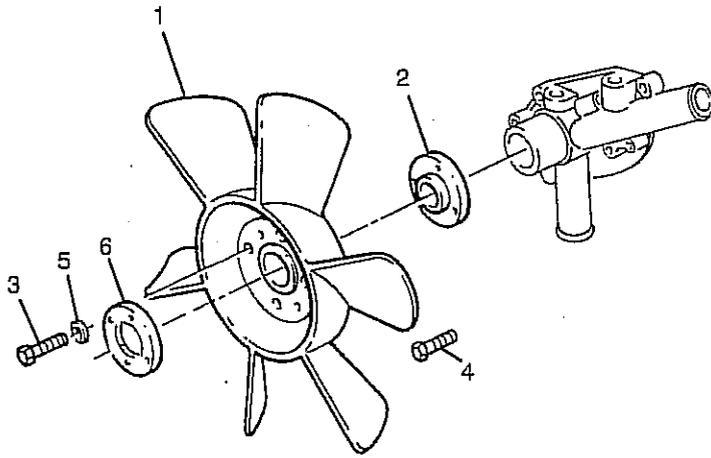
MDHK0821



MDHK0821

| Item | Part No.  | References  | Qty. | Description | Notes |
|------|-----------|-------------|------|-------------|-------|
| 1    | 145306520 |             | 1    | FAN         |       |
| 2    | 145386910 | ● 145386501 | 1    | EXTENSION   |       |
| 3    | 011310625 |             | 4    | SCREW       |       |

MDHK0817



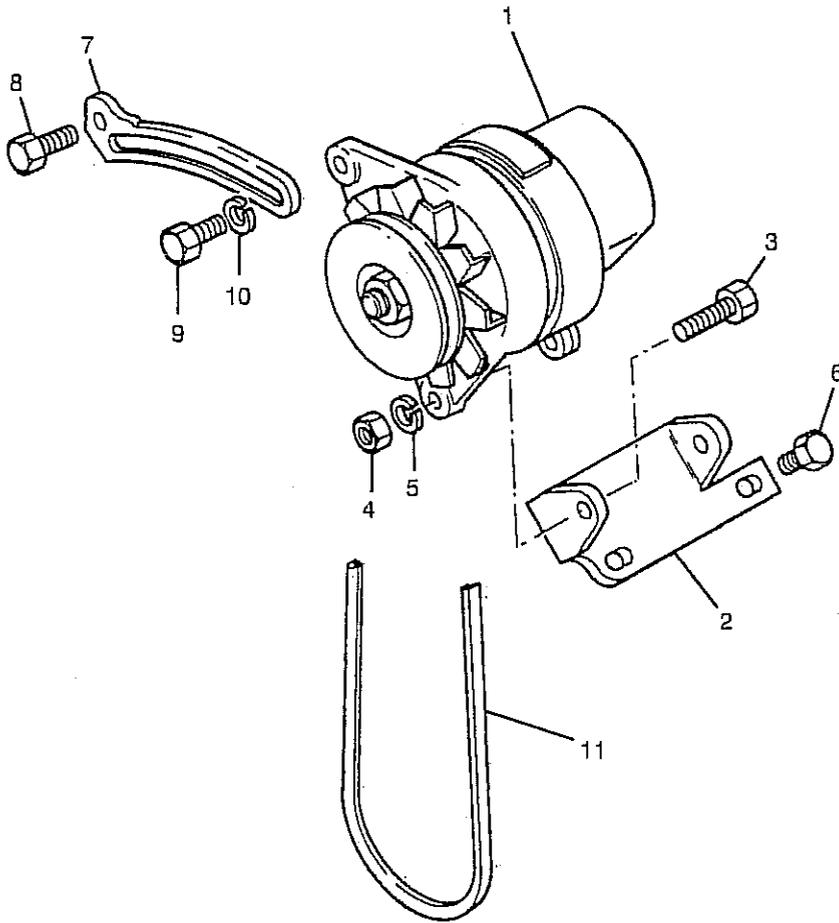
MDHK0817

| Item | Part No.  | References | Qty. | Description | Notes |
|------|-----------|------------|------|-------------|-------|
| 1    | 145306491 |            | 1    | FAN         |       |
| 3    | 011310614 |            | 4    | SCREW       | (A)   |
| 3    | 011310616 |            | 4    | SCREW       |       |
| 6    | 145386390 |            | 1    | PLATE       | (B)   |

## Footnotes

- |     |  |
|-----|--|
| (A) | USED ONLY WITH 145386520.                  |
| (B) | WAS 145386520- USE 145386390/011310616(4). |

NDHK1760



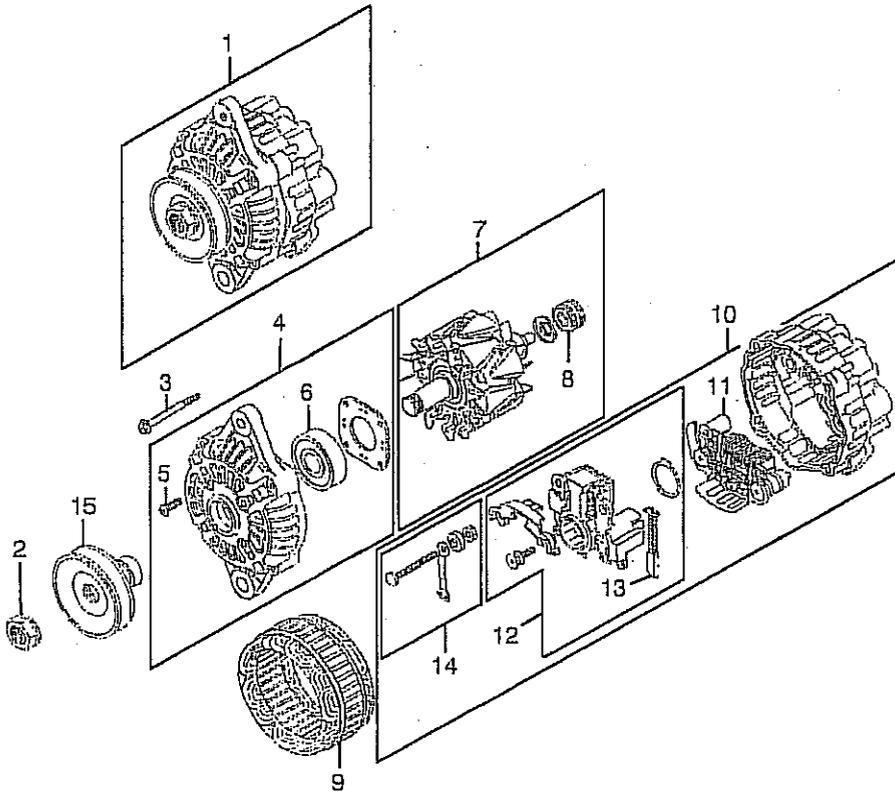
NDHK1760

| Item | Part No.  | References                   | Qty. | Description | Notes |
|------|-----------|------------------------------|------|-------------|-------|
| 1    | 185046320 | ●○ 185046201<br>●○ 185046200 | 1    | ALTERNATOR  | (A)   |
| 2    | 185976200 |                              | 1    | BRACKET     |       |
| 3    | 010101035 |                              | 2    | SCREW       |       |
| 4    | 020100010 |                              | 2    | NUT         |       |
| 5    | 027100010 |                              | 2    | WASHER      |       |
| 6    | 011300816 |                              | 3    | SCREW       |       |
| 7    | 185727000 | ●○ 185726340                 | 1    | PLATE       |       |
| 8    | 011300820 |                              | 1    | SCREW       |       |
| 9    | 011300830 |                              | 1    | SCREW       | (B)   |
| 10   | 026200008 |                              | 1    | WASHER      | (C)   |
| 10   | 026109017 |                              | 1    | WASHER      | (D)   |
| 11   | 080109061 | ●○ 080109024                 | 1    | FANBELT     |       |

Footnotes

|     |   |
|-----|---|
| (A) | SEE FOLLOWING PARTS LIST FOR SERVICE COMPONENTS |
| (B) | WAS 011300820 USE 011300830/026109017           |
| (C) | USED ONLY WITH 011300820                        |
| (D) | USED ONLY WITH 011300830                        |

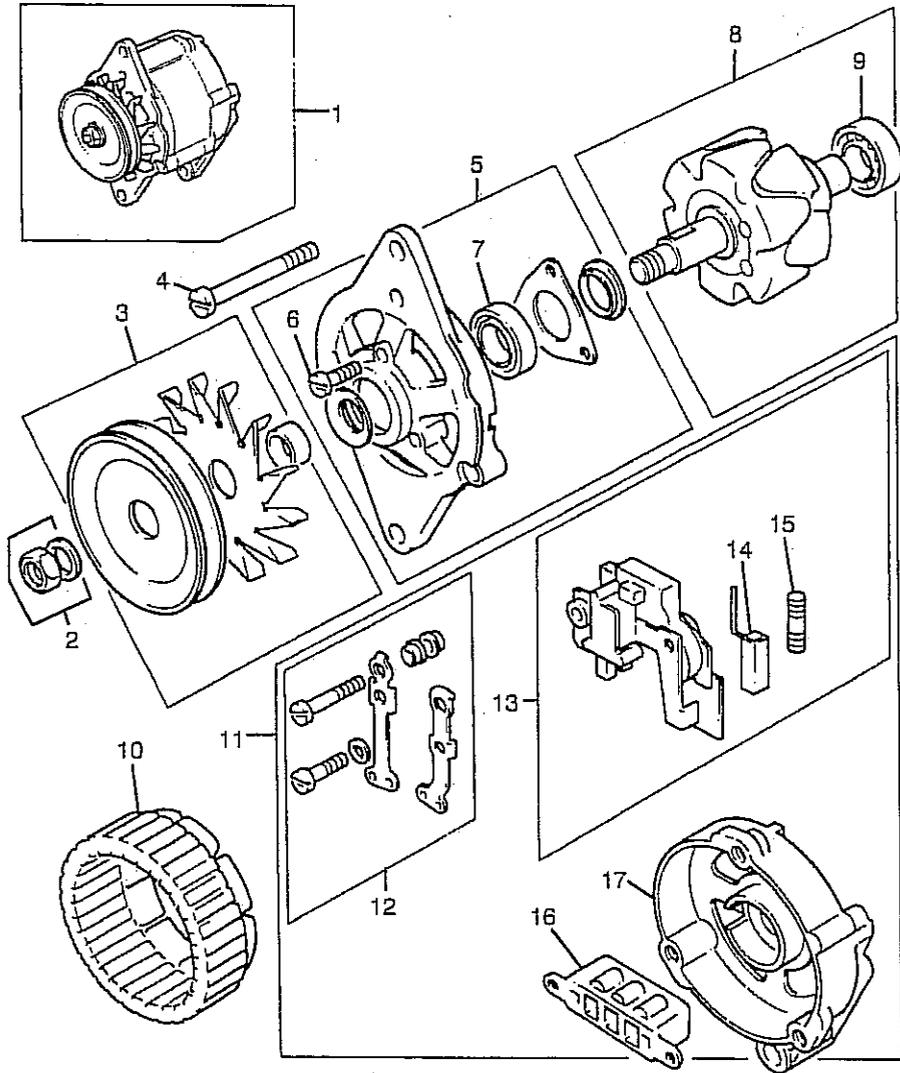
NDHK1760



NDHK1760

| Item | Part No.   | References | Qty. | Description | Notes |
|------|------------|------------|------|-------------|-------|
| 1    | 185046320  |            | 1    | ALTERNATOR  |       |
| 2    | —185446269 |            | 1    | NUT         |       |
| 3    | —185446270 |            | 1    | SCREW       |       |
| 4    | —185426210 |            | 1    | BRACKET     |       |
| 5    | —185446271 |            | 1    | SCREW       |       |
| 6    | —185446272 |            | 1    | BEARING     |       |
| 7    | —185446273 |            | 1    | ROTOR       |       |
| 8    | —185446274 |            | 1    | BEARING     |       |
| 9    | —185446275 |            | 1    | STATOR      |       |
| 10   | —185426220 |            | 1    | BRACKET     |       |
| 11   | —185446276 |            | 1    | RECTIFIER   |       |
| 12   | —185446277 |            | 1    | REGULATOR   |       |
| 13   | —185416480 |            | 2    | BRUSH       |       |
| 14   | —185446278 |            | 1    | TERMINAL    |       |
| 15   | —185436180 |            | 1    | FAN         |       |

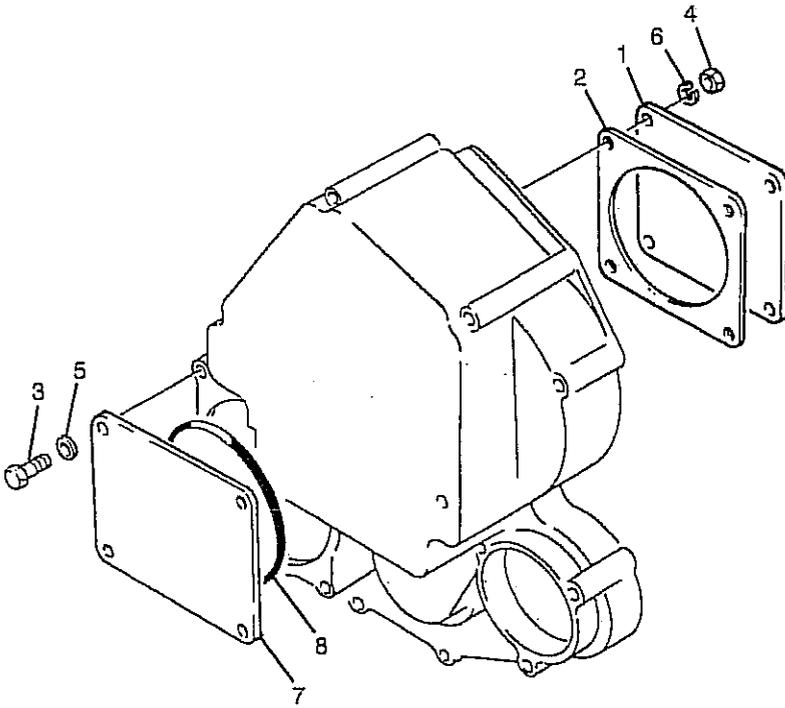
NDHK1760



NDHK1760

| Item | Part No.     | References   | Qty. | Description       | Notes |
|------|--------------|--------------|------|-------------------|-------|
| 1    | 185046201    | ●○ 185046200 | 1    | ALTERNATOR        |       |
| 2    | └ 185446157  |              | 1    | NUT               |       |
| 3    | └ 185436120  |              | 1    | ALTERNATOR PULLEY |       |
| 4    | └ 185446158  |              | 3    | SCREW             |       |
| 5    | └ 185426130  |              | 1    | COVER             |       |
| 6    | └ 185446182  |              | 3    | SCREW             |       |
| 7    | └ 185446246  | ●○ 185446214 | 1    | BEARING           |       |
| 8    | └ 185336252  | ●○ 185446183 | 1    | ROTOR             |       |
| 9    | └ 185446251  | ●○ 185446215 | 1    | BEARING           |       |
| 10   | └ 185446162  |              | 1    | STATOR            |       |
| 11   | └ 185446140  |              | 1    | STATOR            |       |
| 12   | └ 185446188  |              | 1    | TERMINAL          |       |
| 13   | └ 185446187  |              | 1    | REGULATOR         |       |
| 14   | └└ 185416300 |              | 1    | BRUSH             |       |
| 15   | └└ 185446165 |              | 1    | SPRING            |       |
| 16   | └ 185446216  |              | 1    | RECTIFIER         |       |
| 17   |              | ⇒ REF.11     | 1    | COVER             |       |

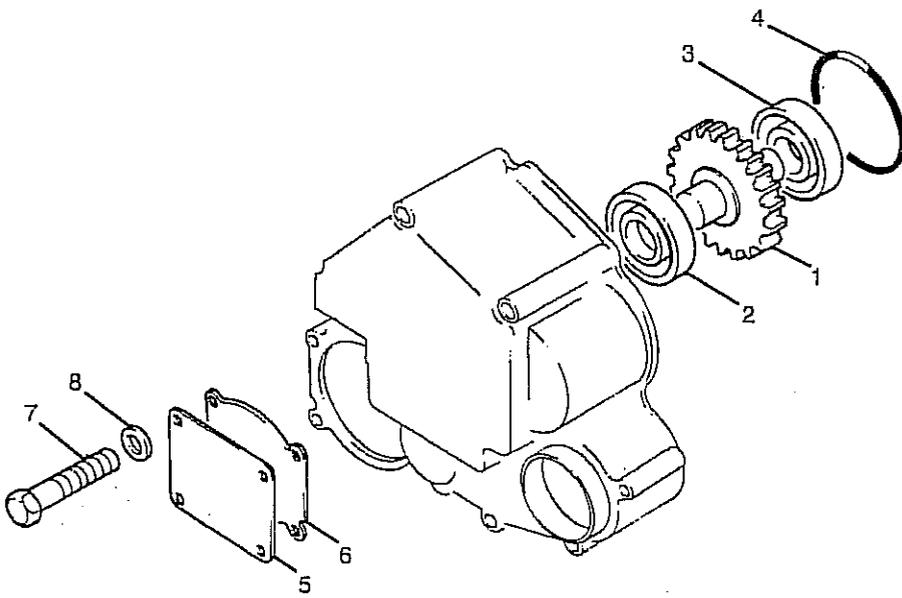
QDHK0903



QDHK0903

| Item | Part No.  | References | Qty. | Description | Notes |
|------|-----------|------------|------|-------------|-------|
| 1    | 165206010 |            | 1    | PLATE       |       |
| 2    | 165996110 |            | 1    | JOINT       |       |
| 3    | 011300860 |            | 4    | SCREW       |       |
| 4    | 023100008 |            | 4    | NUT         |       |
| 7    | 165206010 |            | 1    | PLATE       |       |
| 8    | 052300600 |            | 1    | O RING      |       |

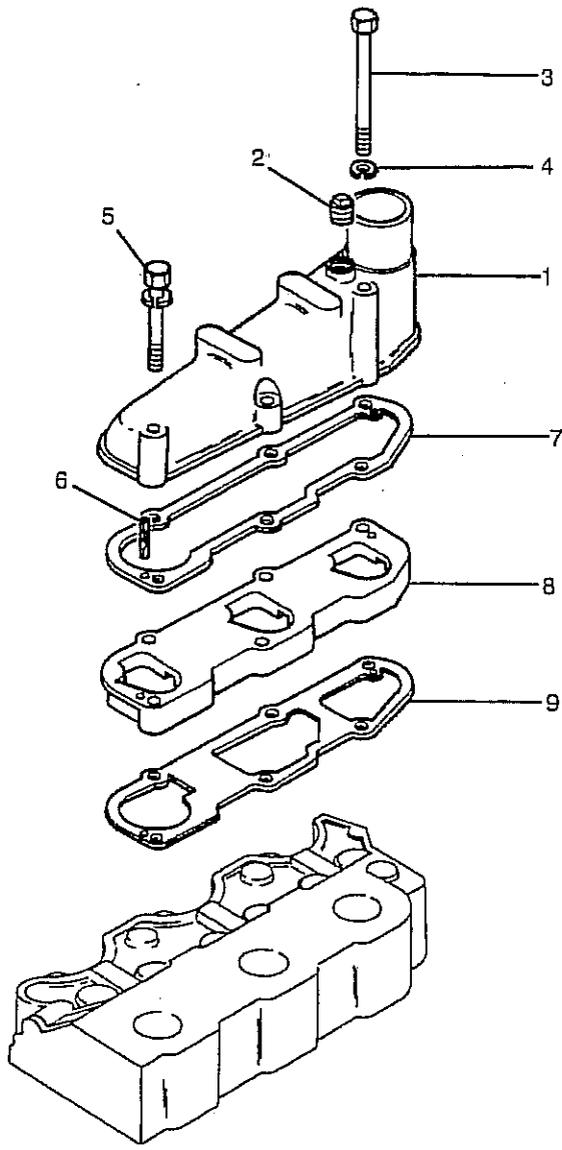
QDHK0897



QDHK0897

| Item | Part No.  | References | Qty. | Description         | Notes |
|------|-----------|------------|------|---------------------|-------|
| 1    | 340460130 |            | 1    | HYDRAULIC PUMP GEAR |       |
| 2    | 040106004 |            | 1    | BALL BEARING        |       |
| 3    | 040136004 |            | 1    | BALL BEARING        |       |
| 4    | 052300700 |            | 1    | O RING              |       |
| 5    | 165206010 |            | 1    | PLATE               |       |
| 6    | 165996110 |            | 1    | JOINT               |       |
| 7    | 011300860 |            | 4    | SCREW               |       |
| 8    | 023100008 |            | 4    | NUT                 |       |
| 9    | 052300600 |            | 1    | O RING              |       |
| 10   | 165206010 |            | 1    | PLATE               |       |

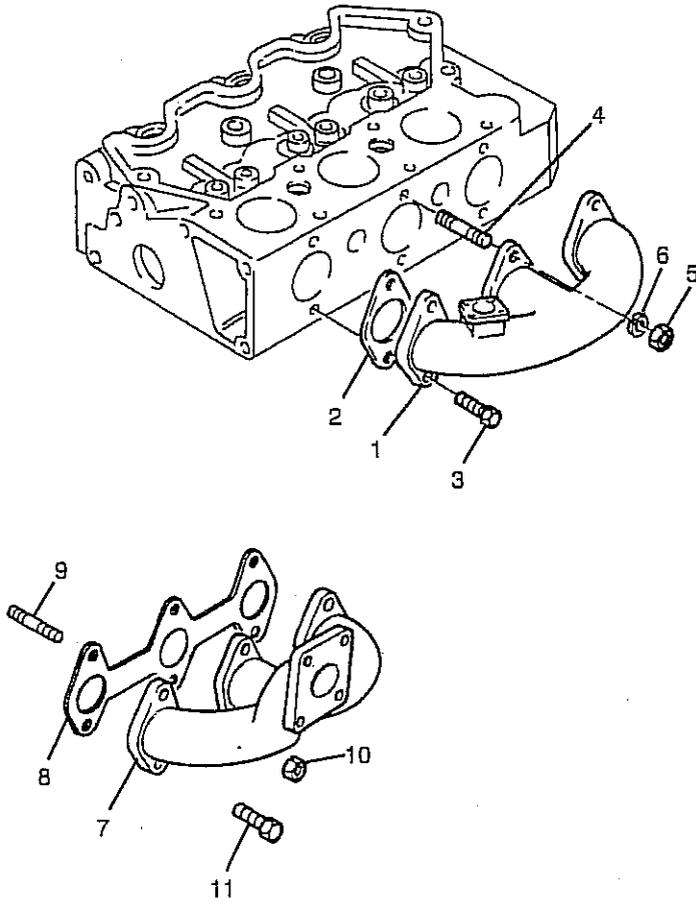
TBHK0555



TBHK0555

| Item           | Part No.  | References   | Qty. | Description          | Notes |
|----------------|-----------|--|------|----------------------|-------|
| 1              | 135596650 |  | 1    | INDUCTION MANIFOLD   |       |
| 2              | 064500010 |  | 1    | PLUG                 |       |
| 3              | 010109119 |  | 2    | BOLT                 |       |
| 4              | 027100006 |  | 2    | WASHER               |       |
| 5              | 011300660 |  | 4    | SCREW                |       |
| 6              | 030300414 |  | 2    | PIN                  |       |
| 7              | 135996860 |  b. | 1    | INLET MANIFOLD JOINT |       |
| 8              | 135597040 | ●○ 135596501   | 1    | SPACER               |       |
|                |           | ●○ 135996501   |      |                      |       |
| 9              | 135996810 |  a. | 1    | INLET MANIFOLD JOINT |       |
| <b>History</b> |           |  |      |                      |       |
| <b>a.</b>      |           |  |      |                      |       |
| 9              | 135996680 | ●○ 135996471   | 1    | JOINT                |       |
| <b>b.</b>      |           |  |      |                      |       |
| 7              | 135996451 |  | 1    | GASKET               |       |

UBHK0347



**Exhaust Manifold**

**Plate A**

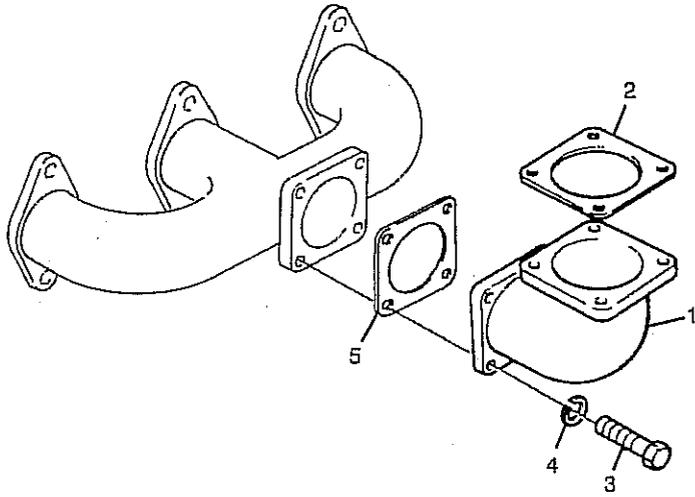
UBHK0347

| Item | Part No.  | References   | Qty. | Description             | Notes |
|------|-----------|--------------|------|-------------------------|-------|
| 1    | 135616400 |              | 1    | EXHAUST MANIFOLD        | (A)   |
| 7    | 135616600 |              | 1    | EXHAUST MANIFOLD        |       |
| 8    | 135996590 | ●○ 135996461 | 1    | EXHAUST MANIFOLD GASKET |       |
| 9    | 012110625 |              | 2    | STUD                    |       |
| 10   | 023100006 |              | 2    | NUT                     |       |
| 11   | 011310625 |              | 4    | SCREW                   |       |

**Footnotes**

(A) USED ONLY WITH KH70247

UDHK0404



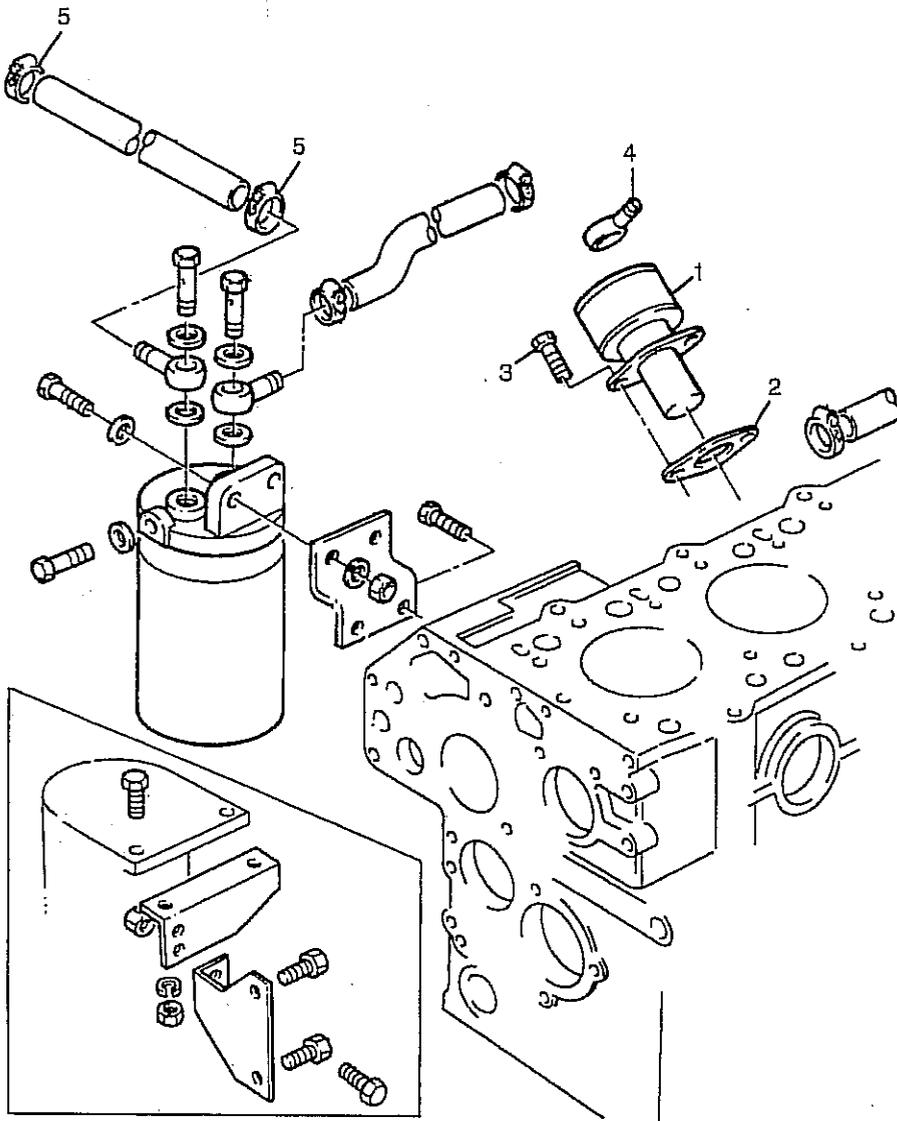
Exhaust Outlet Flange

Plate B

UDHK0404

| Item | Part No.  | References   | Qty. | Description | Notes |
|------|-----------|--------------|------|-------------|-------|
| 1    | 135616520 |              | 1    | ELBOW       |       |
| 2    | 314990013 | ●○ 314990012 | 1    | JOINT       |       |
| 3    | 010110822 |              | 4    | SCREW       |       |
| 4    | 027100008 |              | 4    | WASHER      |       |

VBHK1393



VBHK1393

| Item | Part No.  | References   | Qty. | Description | Notes |
|------|-----------|--|------|-------------|-------|
| 1    | 130506140 |  | 1    | LIFT PUMP   | (A)   |
| 2    | 130996130 |  a. | 1    | JOINT       |       |
| 3    | 011300616 |  | 2    | SCREW       |       |
| 4    | 198486840 |  | 2    | CONNECTION. |       |
| 5    | 398750430 |  | 2    | CLIP        |       |

**History**

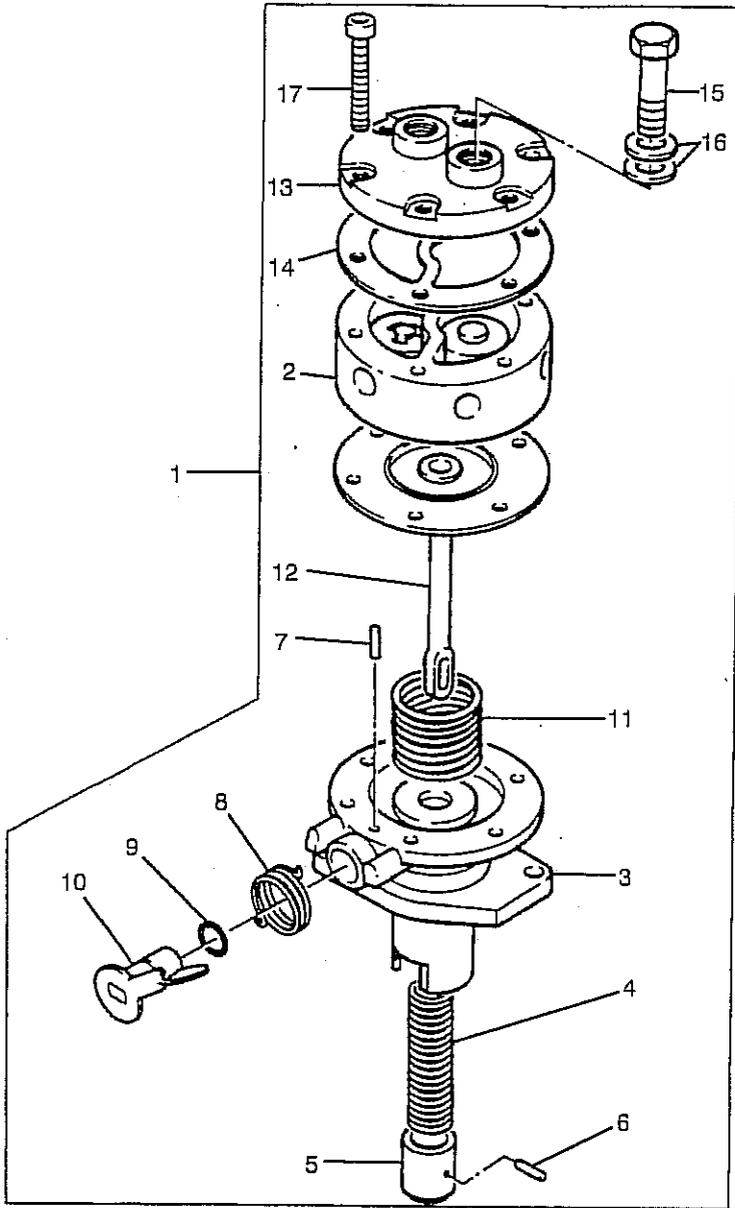
a.

|   |           |  |   |       |  |
|---|-----------|--|---|-------|--|
| 2 | 130996070 |  | 1 | JOINT |  |
|---|-----------|--|---|-------|--|

**Footnotes**

(A) SEE FOLLOWING PARTS LIST FOR SERVICE COMPONENTS

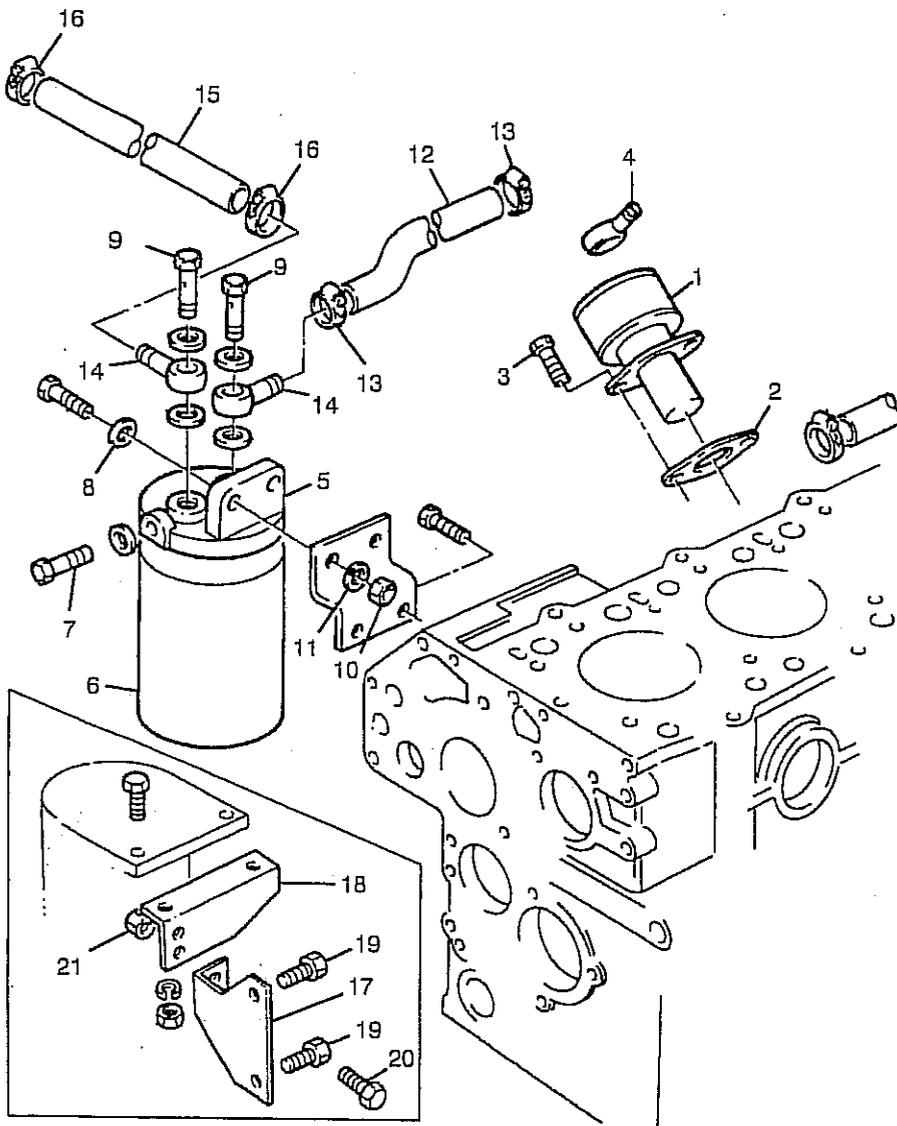
VBHK1393



VBHK1393

| Item | Part No.   | References | Qty. | Description | Notes |
|------|------------|------------|------|-------------|-------|
| 1    | 130506140  |            | 1    | LIFT PUMP   |       |
| 2    | —          | ⇒ REF.1    | 1    | BODY        |       |
| 3    | —130516080 |            | 1    | BODY        |       |
| 4    | —130516081 |            | 1    | SPRING      |       |
| 5    | —130516082 |            | 1    | PLUNGER     |       |
| 6    | —130516085 |            | 1    | PIN         |       |
| 7    | —130516088 |            | 1    | PIN         |       |
| 8    | —130516083 |            | 1    | SPRING      |       |
| 9    | —131226180 |            | 1    | O RING      |       |
| 10   | —130516086 |            | 1    | LEVER       |       |
| 11   | —130516087 |            | 1    | SPRING      |       |
| 12   | —130516084 |            | 1    | DIAPHRAGM   |       |
| 13   | —130516090 |            | 1    | CAP         |       |
| 14   | —130516089 |            | 1    | GASKET      |       |
| 15   | —130516092 |            | 2    | BOLT        |       |
| 16   | —130516069 |            | 4    | WASHER      |       |
| 17   | —130516091 |            | 6    | SCREW       |       |

VBHK1408



VBHK1408

| Item | Part No.    | References   | Qty. | Description          | Notes |
|------|-------------|--|------|----------------------|-------|
| 1    | 130506140   |  | 1    | LIFT PUMP            | (A)   |
| 2    | 130996130   |  a. | 1    | JOINT                |       |
| 3    | 011300616   |  | 2    | SCREW                |       |
| 4    | 198486840   |  | 2    | CONNECTION           |       |
| 5    | 130306190   | ● 130306021  | 1    | FUEL FILTER ASSEMBLY |       |
| 6    | — 130326051 |  b. | 1    | WASHER               |       |
| 7    | — 130326051 |  b. | 1    | WASHER               |       |
| 8    | — 130326051 |  b. | 1    | WASHER               |       |
| 9    | — 130326051 |  b. | 1    | WASHER               |       |
| 10   | 020100010   |  | 2    | NUT                  |       |
| 11   | 027100010   |  | 2    | WASHER               |       |
| 12   | 068209084   |  | 1    | HOSE                 |       |
| 13   | 067100015   |  | 2    | CLIP                 |       |
| 14   | 131246240   | ● 131246090  | 2    | CONNECTION           |       |
| 15   | 068209126   |  | 1    | FUEL PIPE            |       |
| 16   | 067100015   |  | 2    | CLIP                 |       |
| 17   | 130976260   |  | 1    | BRACKET              |       |
| 18   | 130976250   |  | 1    | STAY                 |       |
| 19   | 011310816   |  | 2    | SCREW                |       |
| 20   | 011300820   |  | 2    | SCREW                |       |
| 21   | 023100008   |  | 2    | NUT                  |       |

History

a.

|   |           |  |   |       |
|---|-----------|--|---|-------|
| 2 | 130996070 |  | 1 | JOINT |
|---|-----------|--|---|-------|

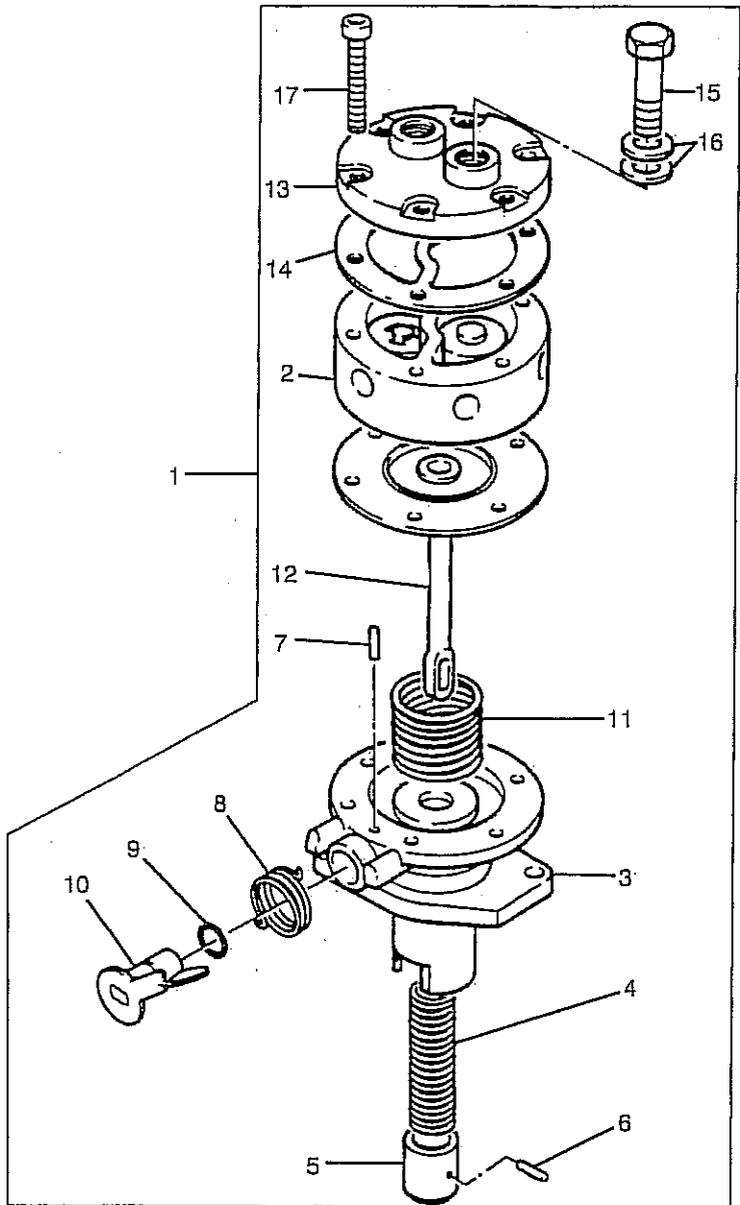
b. General History Section

|   |             |  |   |                     |
|---|-------------|--|---|---------------------|
| 6 | — 130366020 |  | 1 | FUEL FILTER ELEMENT |
| 7 | — 130396030 |  | 1 | PLUG                |
| 8 | — 026100010 |  | 2 | WASHER              |
| 9 | — 130436011 |  | 2 | BOLT                |
|   | — 130326051 |  | 5 | WASHER              |

Footnotes

(A) SEE FOLLOWING PARTS LIST FOR SERVICE COMPONENTS

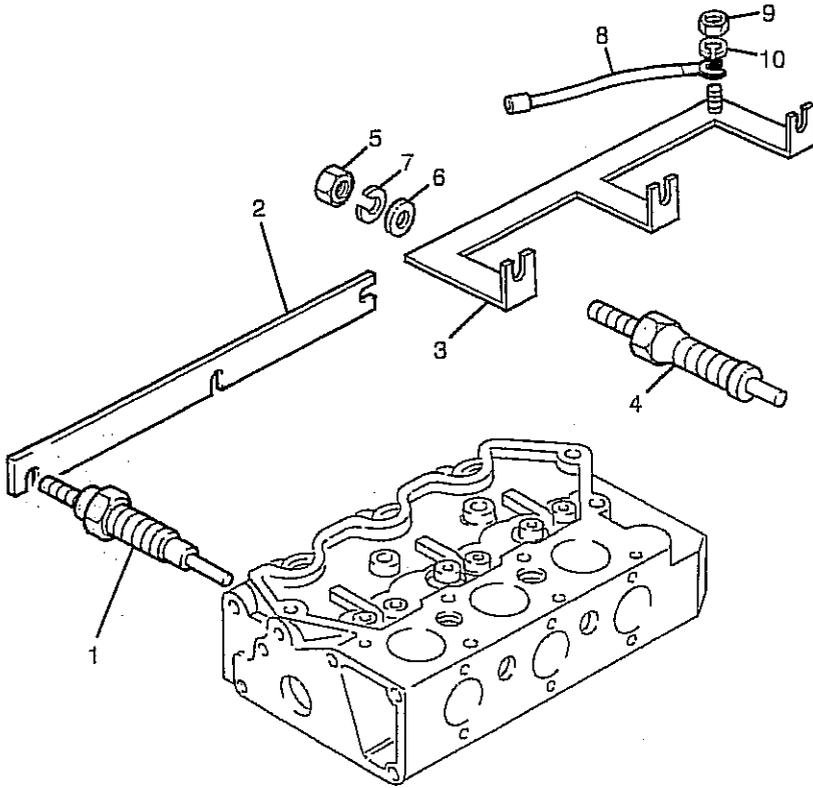
VBHK1408



VBHK1408

| Item | Part No.   | References | Qty. | Description | Notes |
|------|------------|------------|------|-------------|-------|
| 1    | 130506140  |            | 1    | LIFT PUMP   |       |
| 2    | —          | ⇒ REF.1    | 1    | BODY        |       |
| 3    | —130516080 |            | 1    | BODY        |       |
| 4    | —130516081 |            | 1    | SPRING      |       |
| 5    | —130516082 |            | 1    | PLUNGER     |       |
| 6    | —130516085 |            | 1    | PIN         |       |
| 7    | —130516088 |            | 1    | PIN         |       |
| 8    | —130516083 |            | 1    | SPRING      |       |
| 9    | —131226180 |            | 1    | O RING      |       |
| 10   | —130516086 |            | 1    | LEVER       |       |
| 11   | —130516087 |            | 1    | SPRING      |       |
| 12   | —130516084 |            | 1    | DIAPHRAGM   |       |
| 13   | —130516090 |            | 1    | CAP         |       |
| 14   | —130516089 |            | 1    | GASKET      |       |
| 15   | —130516092 |            | 2    | BOLT        |       |
| 16   | —130516069 |            | 4    | WASHER      |       |
| 17   | —130516091 |            | 6    | SCREW       |       |

WDHK0195



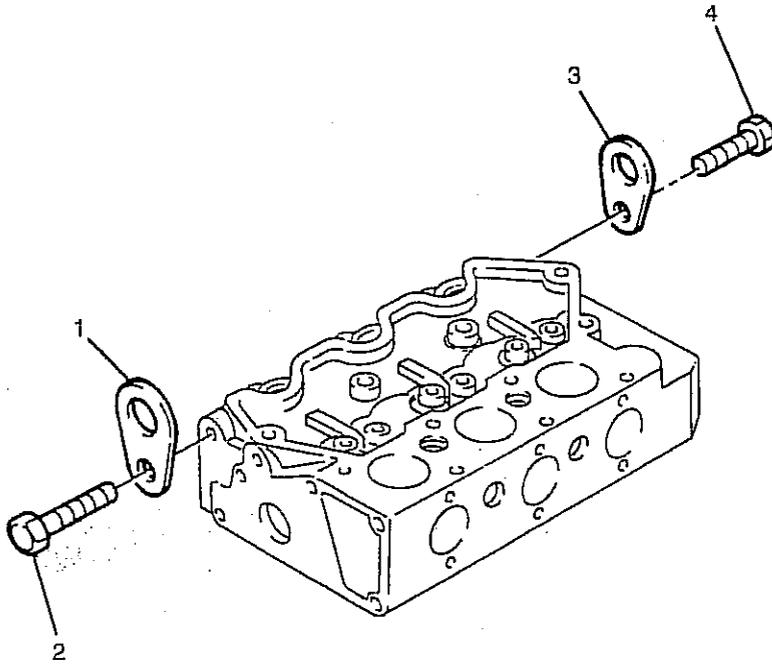
WDHK0195

| Item | Part No.    | References  | Qty. | Description | Notes |
|------|-------------|-------------|------|-------------|-------|
| 3    | 185376140   |             | 1    | CONNECTOR   |       |
| 4    | 185366190   | ● 185366060 | 3    | GLOW PLUG   |       |
| 5    | ┌<br>├<br>└ | ⇒ REF.4     | 1    | NUT         |       |
| 6    |             | ⇒ REF.4     | 1    | WASHER      |       |
| 7    |             | ⇒ REF.NO.4  | 1    | WASHER      |       |
| 8    | 185606170   |             | 1    | CABLE       |       |
| 9    | 020100004   |             | 1    | NUT         | (A)   |
| 10   | 027100004   |             | 1    | WASHER      |       |

## Footnotes

(A) ALTERNATOR

XBHK0308



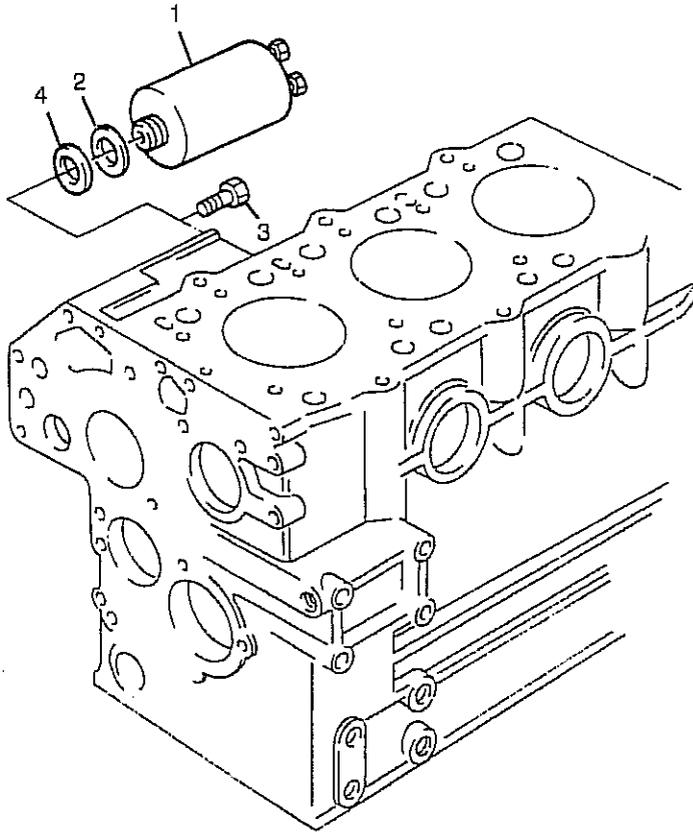
Engine Lifting

Plate A

XBHK0308

| Item | Part No.  | References | Qty. | Description | Notes |
|------|-----------|------------|------|-------------|-------|
| 1    | 195816200 |            | 1    | PLATE       |       |
| 2    | 011310816 |            | 1    | SCREW       |       |
| 3    | 195816200 |            | 1    | PLATE       |       |
| 4    | 011310816 |            | 1    | SCREW       |       |

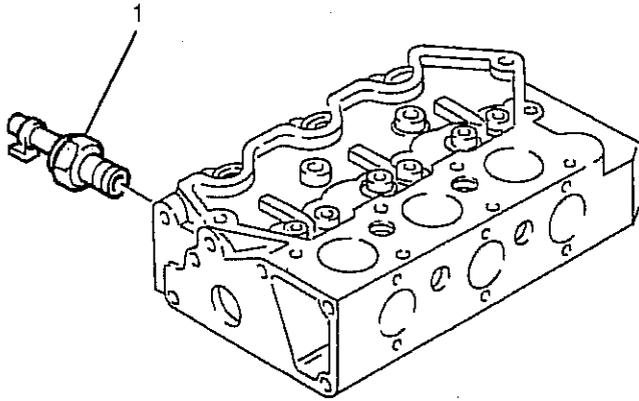
ZAHK0519



ZAHK0519

| Item | Part No.  | References   | Qty. | Description | Notes |
|------|-----------|--|------|-------------|-------|
| 1    | 185206083 | <ul style="list-style-type: none"> <li>●○ 185206082</li> <li>●○ 185206081</li> </ul> | 1    | SOLENOID    |       |
| 2    | 025100016 |  | 1    | WASHER      |       |

ZJHK0404



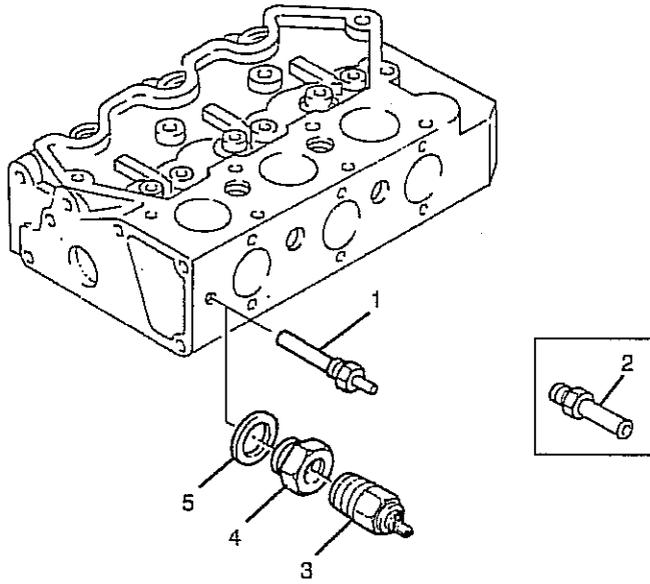
Lub. Oil Pressure Switch & Gauge

Plate A

ZJHK0404

| Item | Part No.  | References | Qty. | Description | Notes |
|------|-----------|------------|------|-------------|-------|
| 1    | 185246060 |            | 1    | SWITCH      |       |

ZLHK0180



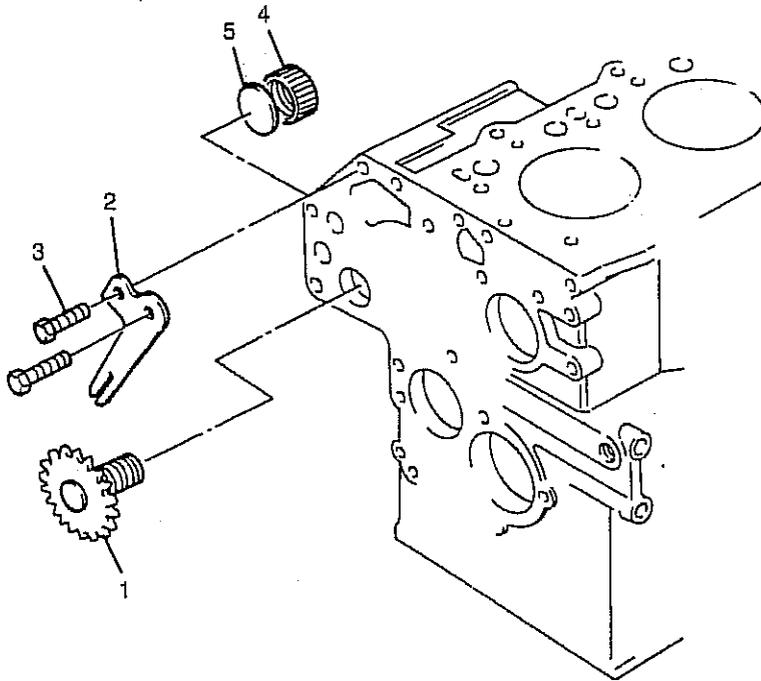
Temperature Gauge & Sender

Plate A

ZLHK0180

| Item | Part No.  | References                                   | Qty. | Description | Notes |
|------|-----------|--|------|-------------|-------|
| 1    | 385720230 | ●○ 385720231<br>●○ 385720230<br>●○ 385720101 | 1    | SENDER      |       |

ZQHK0529



ZQHK0529

| Item           | Part No.  | References   | Qty. | Description | Notes |
|----------------|-----------|--|------|-------------|-------|
| 1              | 120076070 |  | 1    | SHAFT       |       |
| 2              | 199566651 |  | 1    | PLATE       |       |
| 3              | 011310612 |  | 2    | SCREW       |       |
| 4              | 199376230 |  | 1    | CAP         |       |
| 5              | 120996120 |  a. | 1    | SEAL        |       |
| <b>History</b> |           |  |      |             |       |
| a.             |           |  |      |             |       |
| 5              | 120996060 |  | 1    | SEAL        |       |

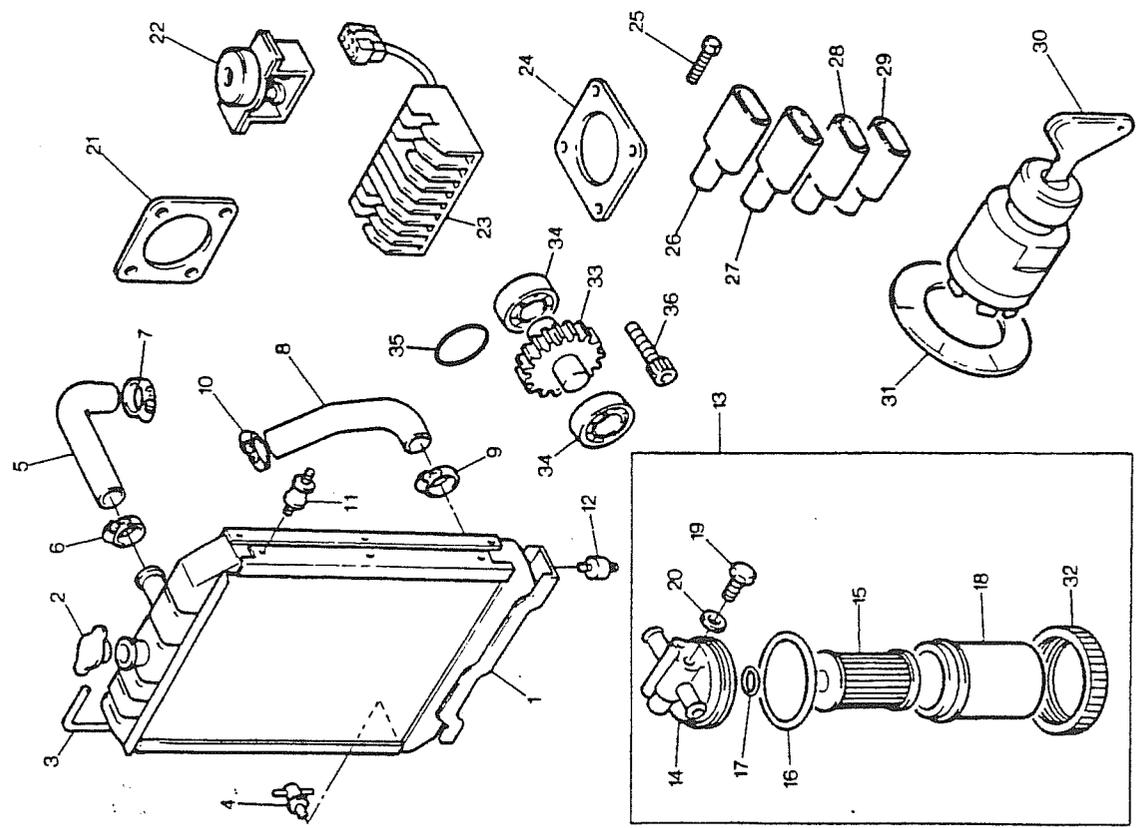
APPLICATION MISCELLANEOUS AND AUXILIARIES  
 APPLIICATIONS DIVERSES ET AUXILIAIRES  
 GERÄTEZUBEHÖR UND NEBENAGGREGATE  
 APPLICAZIONI VARIE  
 EQUIPO MISCELANEO Y AUXILIAR

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 PLAQUE A  
 PLATTE A  
 PIASTRA A  
 PLACA A

K9700 ZZHk-002-A

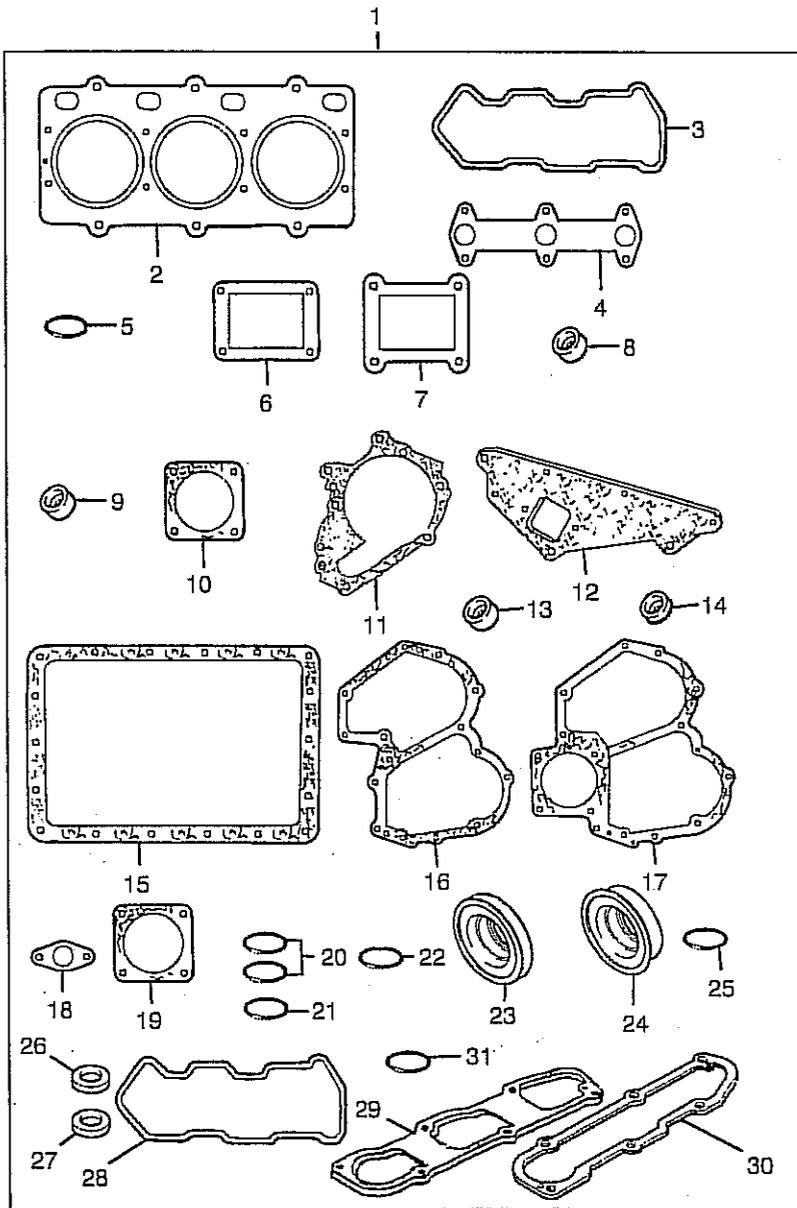
ZZHk0386

|    |           |   |            |                  |                 |
|----|-----------|---|------------|------------------|-----------------|
| 13 | 360700031 | 1 | Filter     | Filtro           | Filter          |
| 14 | 13 REF.13 | 1 | Head       | Tete             | Kopf            |
| 15 | 360720020 | 1 | Element    | Testa            | Culata          |
| 16 | 052100400 | 1 | Seal       | Elemento         | Elemento        |
| 17 | 052100100 | 1 | O ring     | Bague etancheite | Dichtring       |
| 18 | 360710011 | 2 | Container  | Paraolio         | Reten           |
| 19 | 360740070 | 2 | Plug       | Joint torique    | O-ring          |
| 20 | 360740080 | 2 | Washer     | Anello or        | Junta torica    |
| 21 | 314990012 | 1 | Joint      | Contenitore      | Behaelter       |
| 24 | 314120070 | 1 | Flange     | Bouchon          | Contenedor      |
| 25 | 011310825 | 4 | Screw      | Tappo            | Verschlstopfen  |
| 26 | 385620200 | 2 | Connection | Rondelle         | Unterlegscheibe |
| 27 | 385620220 | 1 | Connector  | Rondella         | Arandela        |
| 28 | 385620230 | 1 | Connector  | Joint plat       | Dichtung        |
| 29 | 385620270 | 1 | Connection | Giunto           | Junta           |
| 29 | 385620290 | 2 | Connector  | Flasque          | Flansch         |
| 32 | 360740010 | 1 | Ring       | Flangia          | Pletina         |
| 33 | 340460130 | 1 | Gear       | Vis              | Schraube        |
| 34 | 040106004 | 2 | Bearing    | Vite             | Tornillo        |
| 35 | 052300700 | 1 | O ring     | Connexion        | Verbindung      |
| 36 | 011300860 | 1 | Screw      | Connessione      | Conexion        |
|    |           |   |            | Borne            | Doppelnippel    |
|    |           |   |            | Morsetto         | Conector        |
|    |           |   |            | Borne            | Doppelnippel    |
|    |           |   |            | Morsetto         | Conector        |
|    |           |   |            | Connexion        | Verbindung      |
|    |           |   |            | Connessione      | Conexion        |
|    |           |   |            | Borne            | Doppelnippel    |
|    |           |   |            | Morsetto         | Conector        |
|    |           |   |            | Anneau           | Ring            |
|    |           |   |            | Anello           | Aro             |
|    |           |   |            | Engrenage        | Zahnrad         |
|    |           |   |            | Ingranaggio      | Engranaje       |
|    |           |   |            | Coussinet        | Lager           |
|    |           |   |            | Cuscinetto       | Cojinete        |
|    |           |   |            | Joint torique    | Junta torica    |
|    |           |   |            | Anello or        | Junta torica    |
|    |           |   |            | Vis              | Schraube        |
|    |           |   |            | Vite             | Tornillo        |





SGBK0013



SGBK0013

| Item | Part No.    | References   | Qty. | Description             | Notes |
|------|-------------|--------------|------|-------------------------|-------|
| 1    | 195906651   |              | 1    | JOINTS AND GASKET KIT   |       |
| 2    | — 111147001 | ●○ 111146991 | 1    | GASKET                  |       |
| 3    | — 052109064 |              | 1    | INLET MANIFOLD JOINT    |       |
| 4    | — 135996590 |              | 1    | EXHAUST MANIFOLD GASKET |       |
| 5    | — 052100400 |              | 1    | SEAL                    |       |
| 6    | — 131426310 | ●○ 131437300 | 1    | SHIM KIT                |       |
| 7    | — 145996360 |              | 1    | GASKET                  |       |
| 8    | — 120406050 |              | 3    | VALVE STEM SEAL         | (A)   |
| 9    | — 120406070 |              | 3    | VALVE STEM SEAL         | (B)   |
| 10   | — 314990013 |              | 1    | JOINT                   |       |
| 11   | — 145996460 |              | 1    | GASKET                  |       |
| 12   | — 145996370 |              | 1    | JOINT                   |       |
| 13   | — 131426200 |              | 3    | GASKET                  |       |
| 14   | — 131996130 |              | 3    | WASHER                  |       |
| 15   | — 110996560 |              | 1    | GASKET                  |       |
| 16   | — 165996361 |              | 1    | JOINT                   |       |
| 17   | — 165996351 |              | 1    | GASKET                  |       |
| 18   | — 130996070 |              | 1    | JOINT                   |       |
| 19   | — 165996110 |              | 1    | JOINT                   |       |
| 20   | — 052100100 |              | 2    | O RING                  |       |
| 21   | — 052300600 |              | 1    | O RING                  |       |
| 22   | — 052300700 |              | 1    | O RING                  |       |
| 23   | — 198636160 |              | 1    | SEAL                    |       |
| 24   | — 198636170 |              | 1    | SEAL                    |       |

Footnotes

|     |         |
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| (A) | EXHAUST |
| (B) | INLET   |

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| ARMATURE               | 185846357 | 43             |             | 130516092 | 81, 85         |
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|                        | 040106203 | 11             |             | 130976260 | 83             |
|                        | 040116002 | 43             |             | 185426210 | 65             |
|                        | 040136004 | 71, 101        |             | 185426220 | 65             |
| BALL                   | 185846616 | 45             |             | 185846321 | 43             |
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|                        | 198586054 | 17             |             | 185846633 | 45             |
|                        | 198586057 | 17             |             | 185976200 | 63             |
|                        | 198586080 | 17             | BRUSH       | 185416300 | 67             |
|                        | 198586084 | 17             |             | 185416480 | 65             |
|                        | 198586087 | 17             |             | 185846360 | 43             |
| BEARING                | 040156304 | 21             |             | 185846630 | 45             |
|                        | 042309013 | 11             | BUSH        | 198517090 | 11             |
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|               | 120736081 | 21           | CON ROD NUT          | 020109120 | 17             |
| CAMSHAFT      | 120026190 | 21           | CONTAINER            | 130336031 | 101            |
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|               | 198436010 | 51           | COVER                | 131296649 | 31, 35         |
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