

# CATERPILLAR RR-250

6ED / KEBP0065

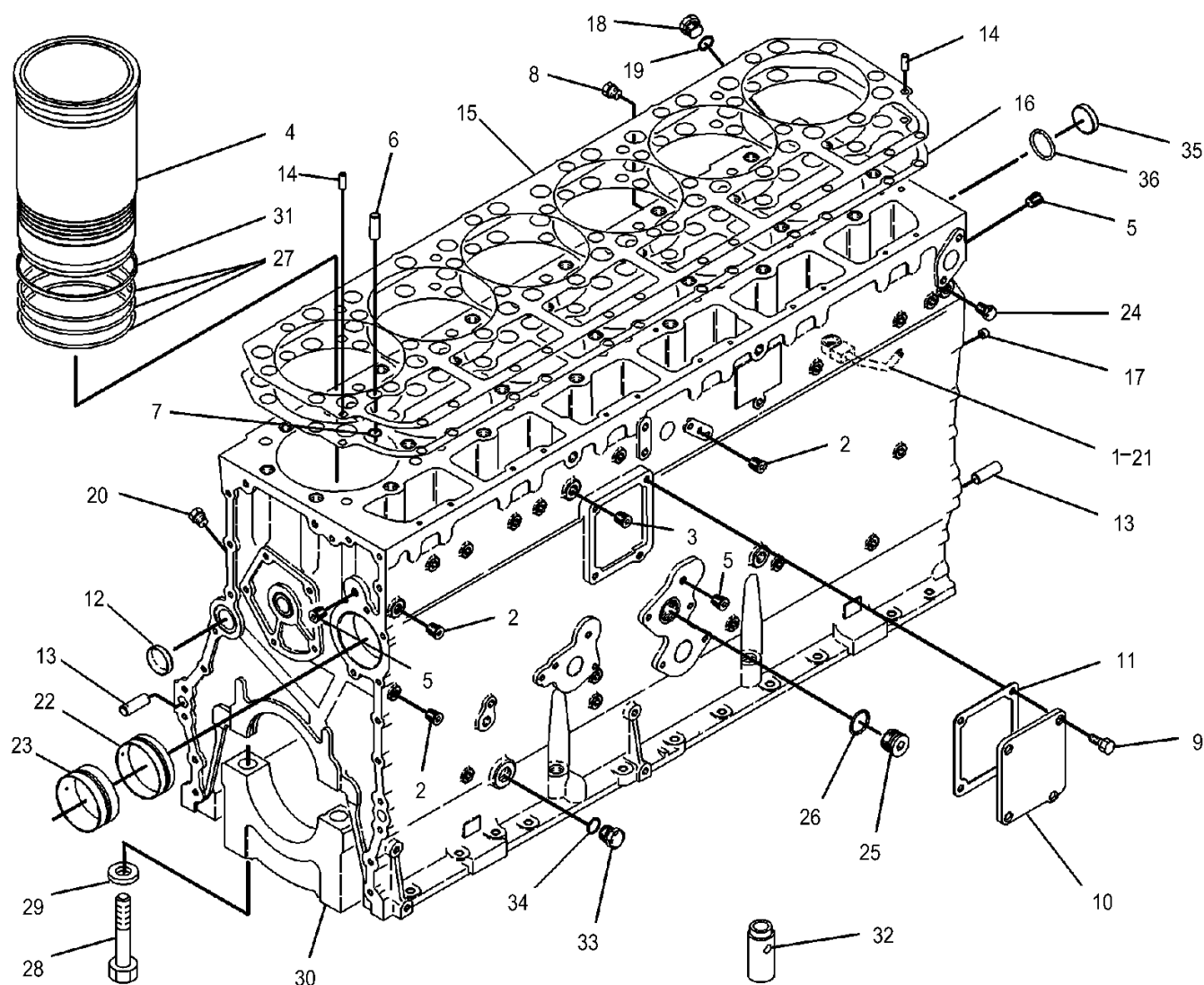
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| Electrical and electronics |      |
| Catalog items              |      |

## 8N-9267 CYLINDER BLOCK GP

8N9267 CYLINDER BLOCK GP\*R FIELD REPLACEMENT ORDER 2W6039-PAGE 9

Drawing 1 of 1



| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 7W-4990     | TUBE AS-OIL JET | 6   |      |            |
| 2    | 8T-6757     | PLUG-PIPE       | 3   |      |            |
| 3    | 7M-7410     | PLUG            | 1   | B    |            |
| 4    | 2W-6000     | LINER-CYLINDER  | 6   |      |            |
| 5    | 8T-6763     | PLUG            | 3   |      |            |
| 6    | 1S-9540     | DOWEL           | 2   |      |            |
| 7    | 3S-5496     | SEAL-O-RING     | 2   |      |            |
| 8    | 7W-6492     | PLUG-PIPE       | 1   |      |            |
| 9    | 030-7571    | BOLT            | 4   |      |            |
| 10   | 4W-8585     | COVER           | 1   |      |            |

8N-9267 CYLINDER BLOCK GP (continued)

| Ref.                     | Part number | Description                        | Qty | Code | Group page |
|--------------------------|-------------|------------------------------------|-----|------|------------|
| 11                       | 7W-6081     | GASKET                             | 1   |      |            |
| 12                       | 2M-6471     | PLUG-CUP                           | 1   |      |            |
| 13                       | 4N-0683     | DOWEL                              | 4   |      |            |
| 14                       | 4N-1650     | DOWEL                              | 2   |      |            |
| 15                       | 6I-2981     | PLATE-BLOCK                        | 1   |      |            |
| 16                       | 6I-4024     | GASKET-PLATE                       | 1   |      |            |
| 17                       | 8S-9094     | PLUG-ORIFICE                       | 1   |      |            |
| 18                       | 9S-4190     | PLUG-O-RING                        | 1   |      |            |
| 19                       | 2M-9780     | SEAL-O-RING                        | 1   |      |            |
| 20                       | 8T-6767     | PLUG-PIPE                          | 6   |      |            |
| 21                       | 7E-6479     | BOLT-OIL JET                       | 6   |      |            |
| 22                       | 4N-0685     | BEARING-SLEEVE                     | 6   |      |            |
| 23                       | 4N-6658     | BEARING-SLEEVE                     | 1   |      |            |
| 24                       | 8T-6764     | PLUG-PIPE                          | 1   |      |            |
| 25                       | 9S-8009     | PLUG-O-RING                        | 1   |      |            |
| 26                       | 4K-1388     | SEAL-O-RING                        | 1   |      |            |
| 27                       | 3E-6777     | SEAL-O-RING                        | 18  |      |            |
| 28                       | 3P-1323     | BOLT-BEARING CAP                   | 14  |      |            |
| 29                       | 9H-1031     | WASHER-HARD                        | 14  |      |            |
| 30                       | 4N-5857     | CAP                                | 7   |      |            |
| 31                       | 9L-5854     | BAND-FILLER                        | 6   |      |            |
| 32                       | 4W-4588     | SLEEVE-LIFTER BORE                 |     | AH   |            |
|                          | 4W-6061     | SLEEVE-BOTTOM LINER                |     | AJ   |            |
| 33                       | 9S-4190     | PLUG-O-RING                        | 1   | B    |            |
| 34                       | 2M-9780     | SEAL-O-RING                        | 1   | B    |            |
| 35                       | 100-7399    | PLUG                               | 1   |      |            |
| 36                       | 3E-6747     | SEAL-O-RING                        | 1   |      |            |
|                          | 5N-0093     | INSERT-LINER SEAT 2.7MM(.11IN)THK  |     | AFH  |            |
|                          | 2W-3815     | INSERT-LINER SEAT 1.59MM(.06IN)THK |     | AFH  |            |
|                          | 9Y-3368     | INSERT-LINER SEAT 0.82MM(.03IN)THK |     | AFH  |            |
| J-FOR SALVAGE OF THE     |             |                                    |     |      |            |
| BOTTOM LINER O-RING      |             |                                    |     |      |            |
| BORE. QUANTITY TO BE     |             |                                    |     |      |            |
| DETERMINED BY USER       |             |                                    |     |      |            |
| H-FOR SALVAGE OF DAMAGED |             |                                    |     |      |            |

8N-9267 CYLINDER BLOCK GP (continued)

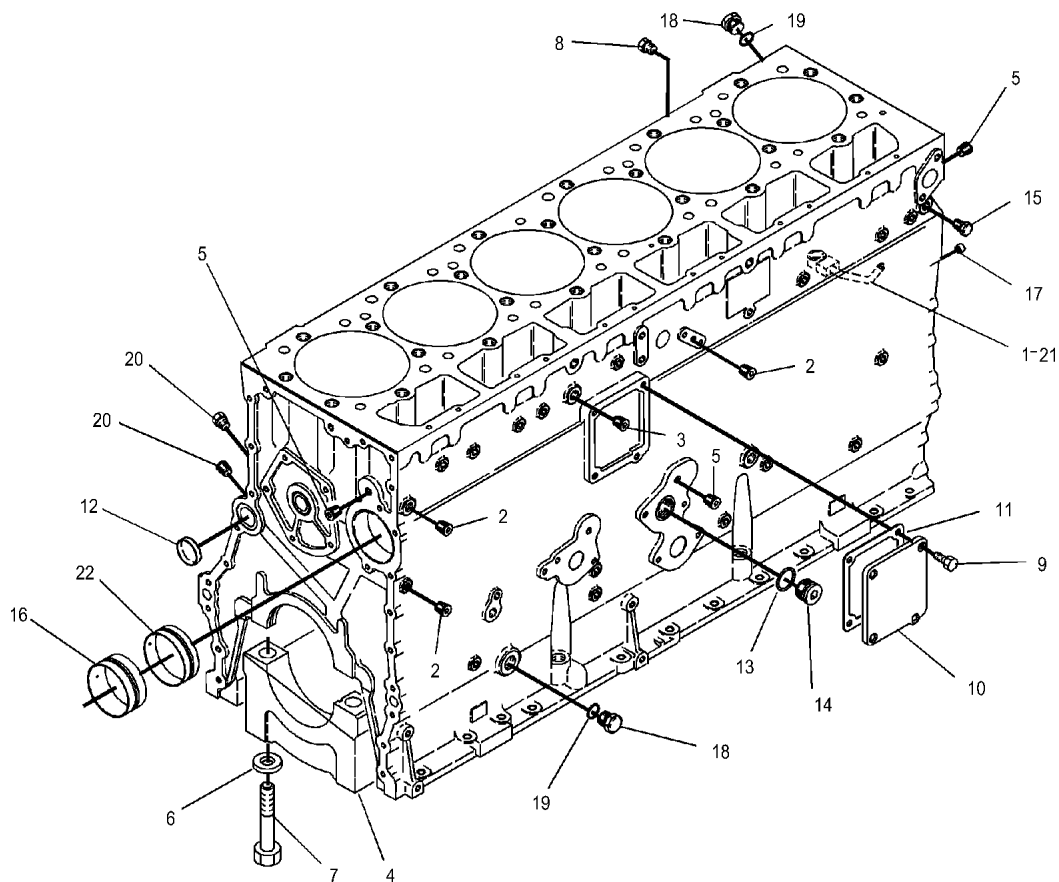
| Ref. | Part number | Description           | Qty. | Code | Group<br>page |
|------|-------------|-----------------------|------|------|---------------|
|      |             | LIFTER BORES IN CYL   |      |      |               |
|      |             | BLOCK. QUANTITY TO BE |      |      |               |
|      |             | DETERMINED BY USER    |      |      |               |

CAT codes: A, B, F.

2W-6039 CYLINDER BLOCK GP

2W6039 CYLINDER BLOCK GP\*R S/N 6TB3156-3286 FIELD REPLACEMENT FOR 8N9267-PAGE 8

Drawing 1 of 1



| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 7W-4990     | TUBE AS-OIL JET    | 6   | C    |            |
| 2    | 9F-2247     | PLUG               | 3   |      |            |
| 3    | 7M-7410     | PLUG               | 1   | C    |            |
| 4    | 4N-5857     | CAP                | 7   |      |            |
| 5    | 7H-3171     | PLUG-PIPE          | 3   |      |            |
| 6    | 9H-1031     | WASHER-HARD        | 14  |      |            |
| 7    | 3P-1323     | BOLT-BEARING CAP   | 14  |      |            |
| 8    | 3J-5389     | PLUG (WATER DRAIN) | 1   |      |            |
| 9    | 030-7571    | BOLT               | 4   |      |            |
| 10   | 4W-8585     | COVER              | 1   | C    |            |
| 11   | 7W-6081     | GASKET             | 1   | C    |            |
| 12   | 2M-6471     | PLUG-CUP           | 2   |      |            |
| 13   | 4K-1388     | SEAL-O-RING        | 1   |      |            |
| 14   | 9S-8009     | PLUG-O-RING        | 1   |      |            |
| 15   | 5M-6214     | PLUG-PIPE          | 1   |      |            |

2W-6039 CYLINDER BLOCK GP (continued)

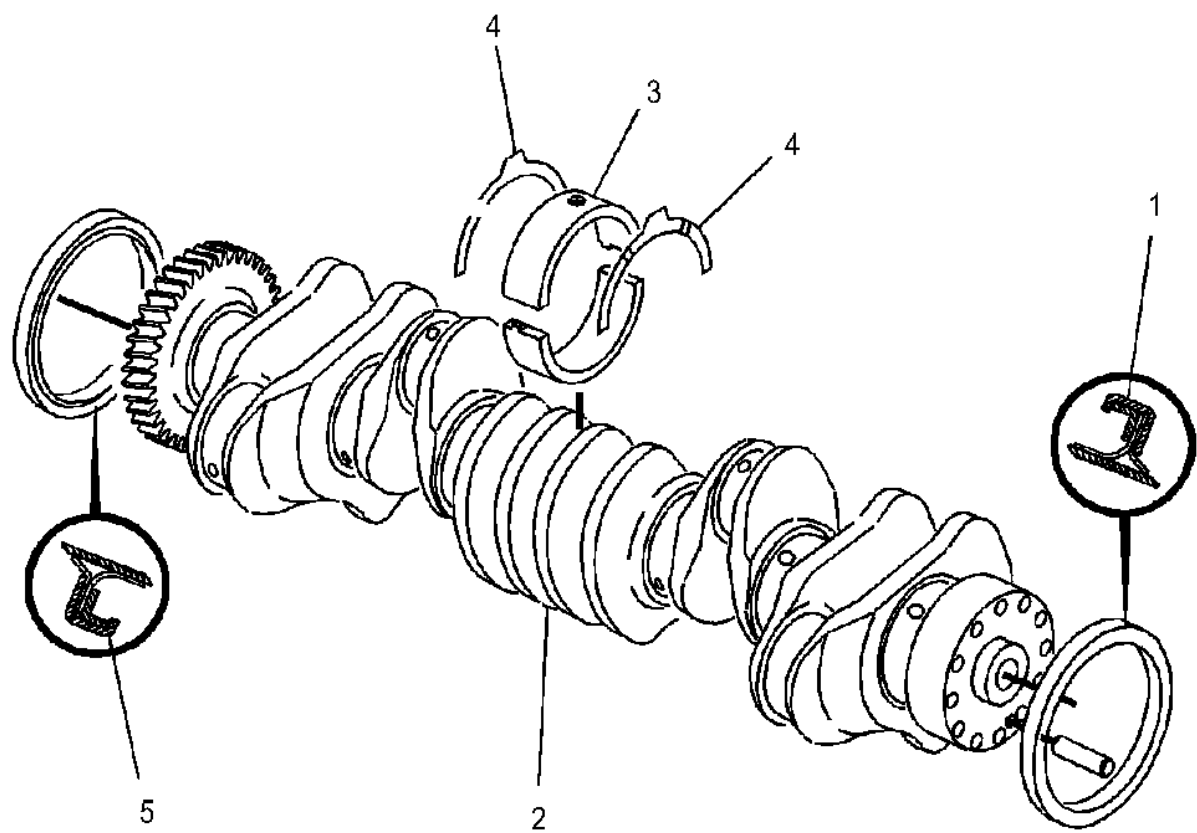
| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 16   | 4N-6658     | BEARING-SLEEVE | 1   |      |            |
| 17   | 8S-9094     | PLUG-ORIFICE   | 1   |      |            |
| 18   | 9S-4190     | PLUG-O-RING    | 2   |      |            |
| 19   | 2M-9780     | SEAL-O-RING    | 2   |      |            |
| 20   | 3J-5390     | PLUG           | 6   | C    |            |
| 21   | 7C-2478     | BOLT-OIL JET   | 6   | C    |            |
| 22   | 4N-0685     | BEARING-SLEEVE | 6   |      |            |

CAT codes: C.

4N-0741 CRANKSHAFT GP

4N0741 CRANKSHAFT GP ENGINE S/N 6TB3156-4958 1W6207-PAGE 11.01

Drawing 1 of 1



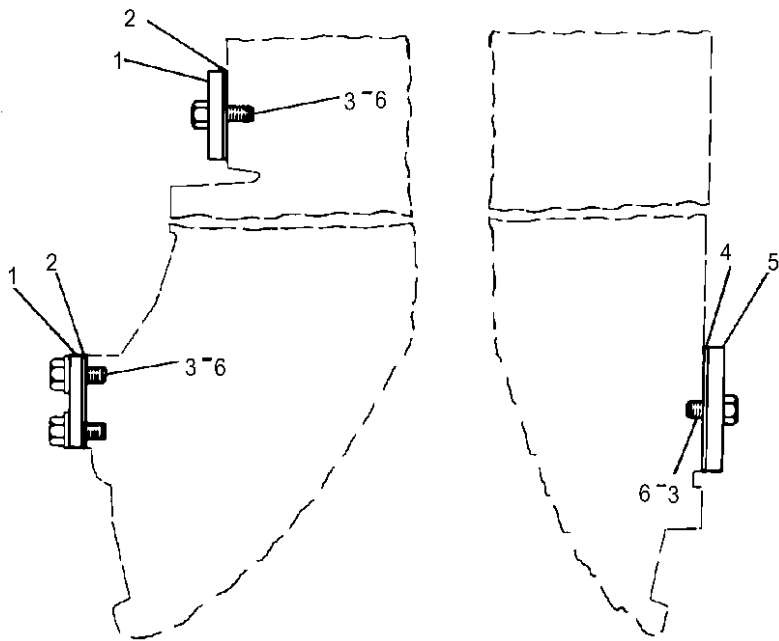
| Ref.              | Part number | Description                    | Qty | Code | Group page |
|-------------------|-------------|--------------------------------|-----|------|------------|
| 1                 | 2W-1734     | SEAL GP-CRANKSHAFT             | 1   |      |            |
| 2                 | 1W-6207     | CRANKSHAFT AS                  | 1   | CYR  |            |
| 3                 | 4W-5492     | BEARING-MAIN                   | 7   | C    |            |
| 4                 | 7N-8947     | PLATE-THRUST                   | 2   |      |            |
| 5                 | 2W-1733     | SEAL GP-CRANKSHAFT             | 1   |      |            |
|                   | 4W-5698     | BEARING-MAIN .025 IN UNDERSIZE | 7   | CA   |            |
|                   | 4W-5699     | BEARING-MAIN .050 IN UNDERSIZE | 7   | CA   |            |
|                   | 4W-5700     | BEARING-MAIN .025 IN OVERSIZE  | 7   | CA   |            |
|                   | 4W-5701     | BEARING-MAIN .025 IN OVERSIZE  | 7   | CA   |            |
| .025 IN UNDERSIZE |             |                                |     |      |            |

CAT codes: A, C, R, Y.

9N-0684 COVER GP-CYLINDER BLOCK

9N0684 COVER GP-CYLINDER BLOCK

Drawing 1 of 1



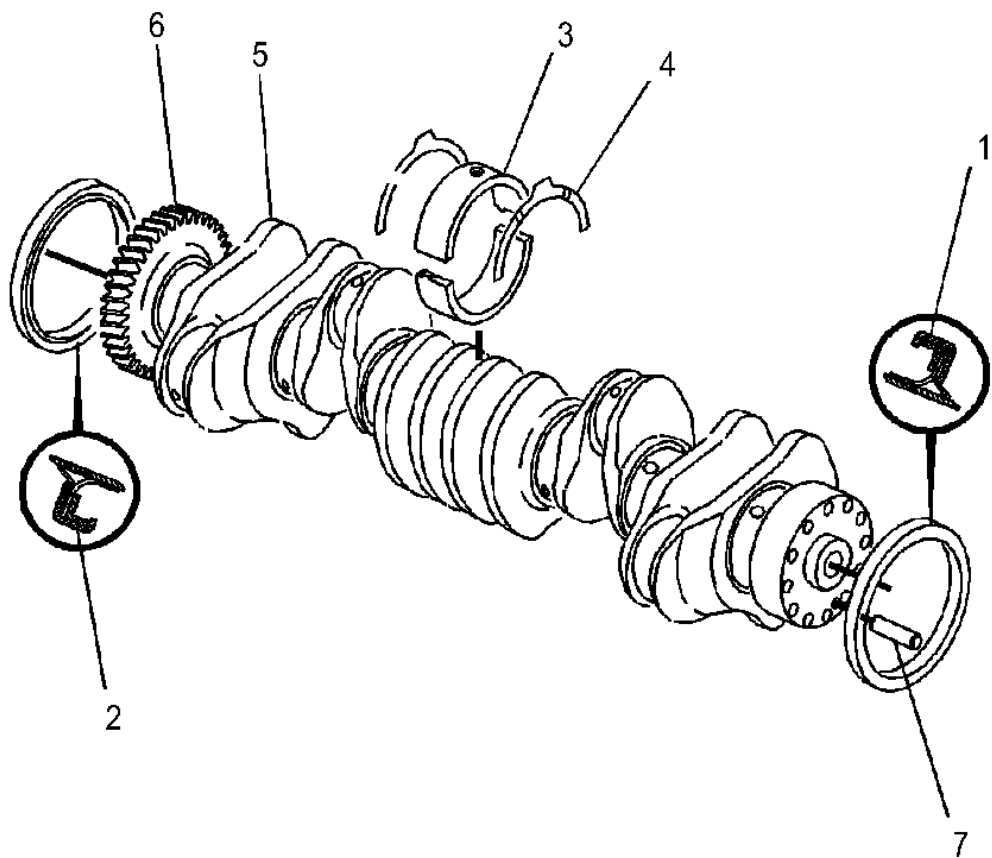
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 4W-9890     | COVER       | 2   |      |            |
| 2    | 4N-0699     | GASKET      | 2   |      |            |
| 3    | 0S-1594     | BOLT        | 6   | C    |            |
| 4    | 7C-0307     | GASKET      | 1   |      |            |
| 5    | 4N-0794     | COVER       | 1   |      |            |
| 6    | 5M-2894     | WASHER      | 6   | C    |            |

CAT codes: C.

4N-0741 CRANKSHAFT GP

4N0741 CRANKSHAFT GP ENGINE S/N 6TB8310-UP

Drawing 1 of 1



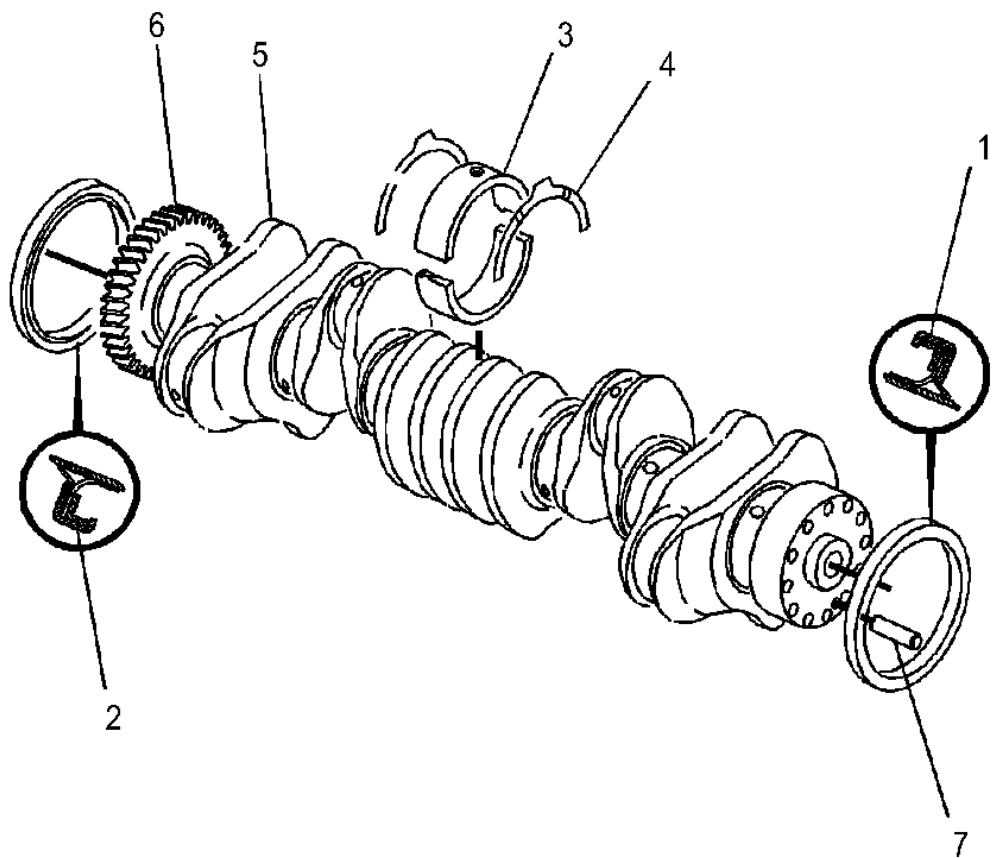
| Ref.       | Part number | Description                | Qty | Code | Group page |
|------------|-------------|----------------------------|-----|------|------------|
| 1          | 2W-1734     | SEAL GP-CRANKSHAFT         | 1   |      |            |
| 2          | 2W-1733     | SEAL GP-CRANKSHAFT         | 1   |      |            |
| 3          | 4W-5492     | BEARING-MAIN (STANDARD)    | 7   |      |            |
|            | 4W-5698     | BEARING-MAIN .025IN US     | 7   | A    |            |
|            | 4W-5699     | BEARING-MAIN .050IN US     | 7   | A    |            |
|            | 4W-5700     | BEARING-MAIN .025IN OS     | 7   | A    |            |
|            | 4W-5701     | BEARING-MAIN .025IN US, OS | 7   | A    |            |
| 4          | 7E-9262     | PLATE-THRUST               | 2   |      |            |
| 5          | 6I-1453     | CRANKSHAFT AS              | 1   | R    |            |
| 6          | 1W-9302     | GEAR-CRANKSHAFT            | 1   |      |            |
| (80 TEETH) |             |                            |     |      |            |
|            | 7S-5005     | DOWEL                      | 1   |      |            |
| 7          | 4N-0684     | DOWEL                      | 1   |      |            |

CAT codes: A, R.

4N-0741 CRANKSHAFT GP

4N0741 CRANKSHAFT GP ENGINE S/N 6TB4959-8309

Drawing 1 of 1



| Ref. | Part number | Description                | Qty | Code | Group page |
|------|-------------|----------------------------|-----|------|------------|
| 1    | 2W-1734     | SEAL GP-CRANKSHAFT         | 1   |      |            |
| 2    | 2W-1733     | SEAL GP-CRANKSHAFT         | 1   |      |            |
| 3    | 4W-5492     | BEARING-MAIN (STANDARD)    | 7   |      |            |
|      | 4W-5698     | BEARING-MAIN .025IN US     | 7   | A    |            |
|      | 4W-5699     | BEARING-MAIN .050IN US     | 7   | A    |            |
|      | 4W-5700     | BEARING-MAIN .025IN OS     | 7   | A    |            |
|      | 4W-5701     | BEARING-MAIN .050IN OS     | 7   | A    |            |
| 4    | 7N-8947     | PLATE-THRUST               | 2   |      |            |
| 5    | 7C-4859     | CRANKSHAFT AS              | 1   | CR   |            |
| 6    | 1W-9302     | GEAR-CRANKSHAFT (80 TEETH) | 1   |      |            |
|      | 7S-5005     | DOWEL                      | 1   |      |            |
| 7    | 4N-0684     | PIN-DOWEL                  | 1   |      |            |

CAT codes: A, C, R.

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