

# CATERPILLAR D6G2 LGP

P6X / SEBP5046

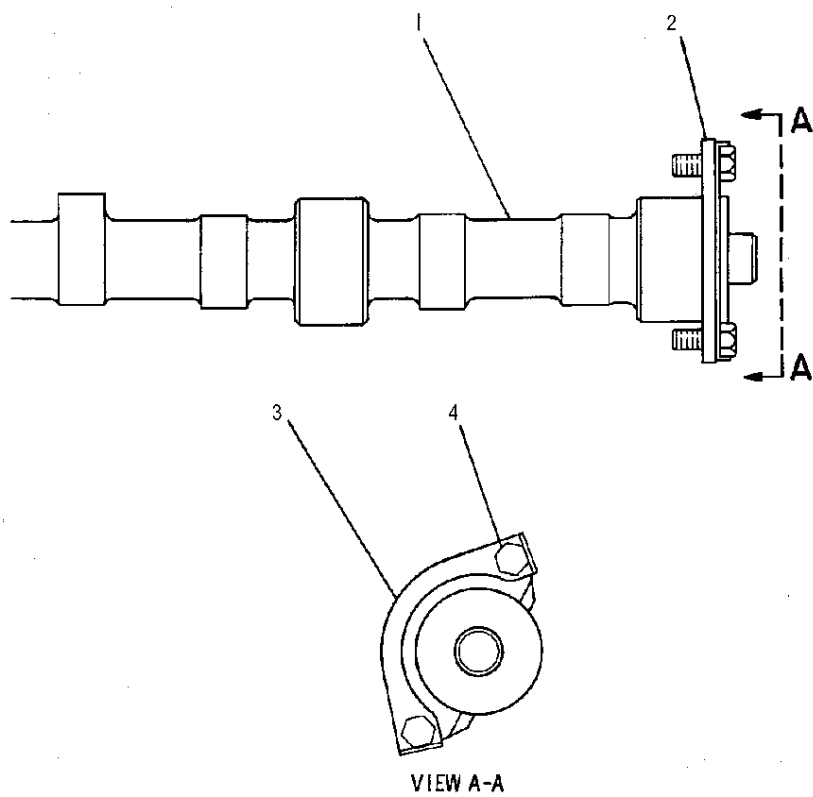
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1N-4406 CAMSHAFT GP

1N-4406 CAMSHAFT GP S/N R6J1-UP; 10Z45331-UP PART OF 257-0546 ENGINE AR

Drawing 1 of 1



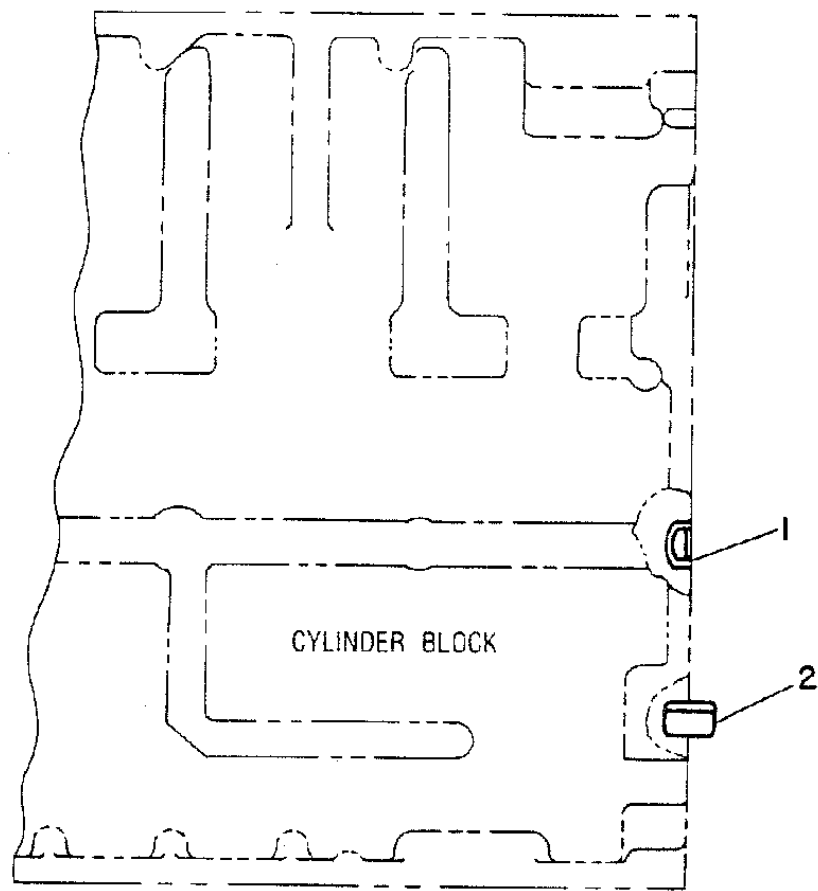
| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 7E-9980     | CAMSHAFT              | 1   |      |            |
| 2    | 7S-2204     | WASHER-THRUST         | 1   |      |            |
| 3    | 8S-1491     | LOCK                  | 1   |      |            |
| 4    | 0S-0509     | BOLT (3/8-16X0.75-IN) | 2   |      |            |

CAT codes: R.

2Y-8623 COVER GP-CYLINDER BLOCK

2Y-8623 COVER GP-CYLINDER BLOCK S/N R6J1-UP; 10Z45331-UP PART OF 257-0546 ENGINE AR

Drawing 1 of 1

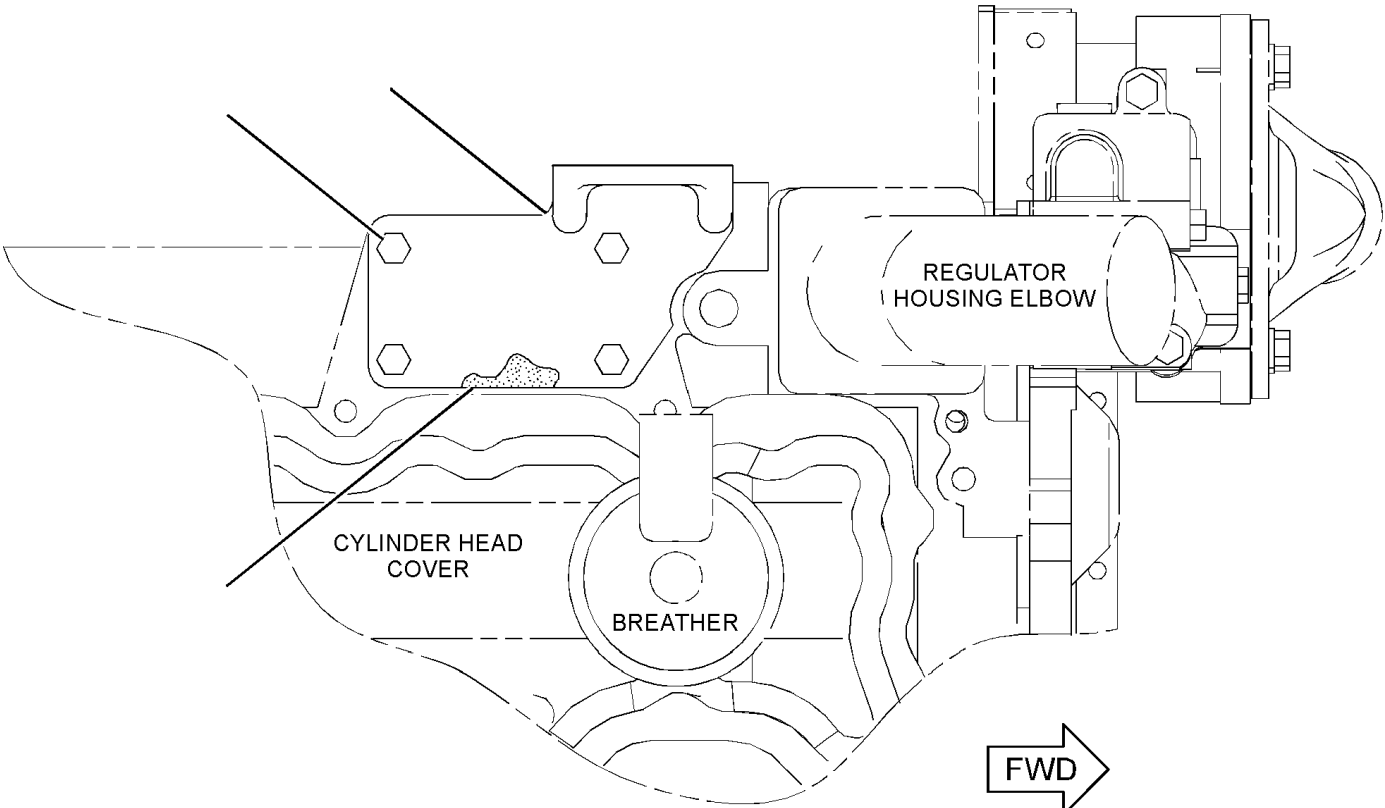


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 4B-3938     | PLUG-CUP    | 1   |      |            |
| 2    | 2A-3798     | DOWEL       | 2   |      |            |

2P-6531 COVER GP-CYLINDER HEAD

2P-6531 COVER GP-CYLINDER HEAD S/N R6J1-UP; 10Z45331-UP PART OF 257-0546 ENGINE AR

Drawing 1 of 1



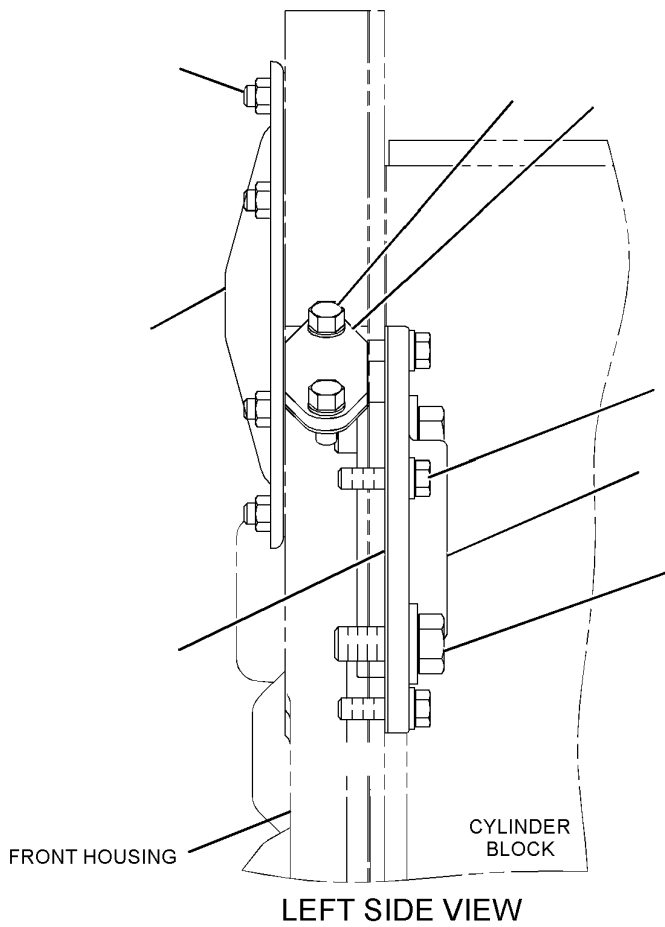
TOP VIEW

| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 0S-1588     | BOLT (3/8-16X1.25-IN) | 4   |      |            |
| 2    | 1P-6758     | COVER                 | 1   |      |            |
| 3    | 5S-6735     | GASKET                | 1   |      |            |

4N-5162 COVER GP-FRONT HOUSING

4N-5162 COVER GP-FRONT HOUSING S/N R6J1-UP; 10Z45331-UP PART OF 257-0546 ENGINE AR

Drawing 1 of 1

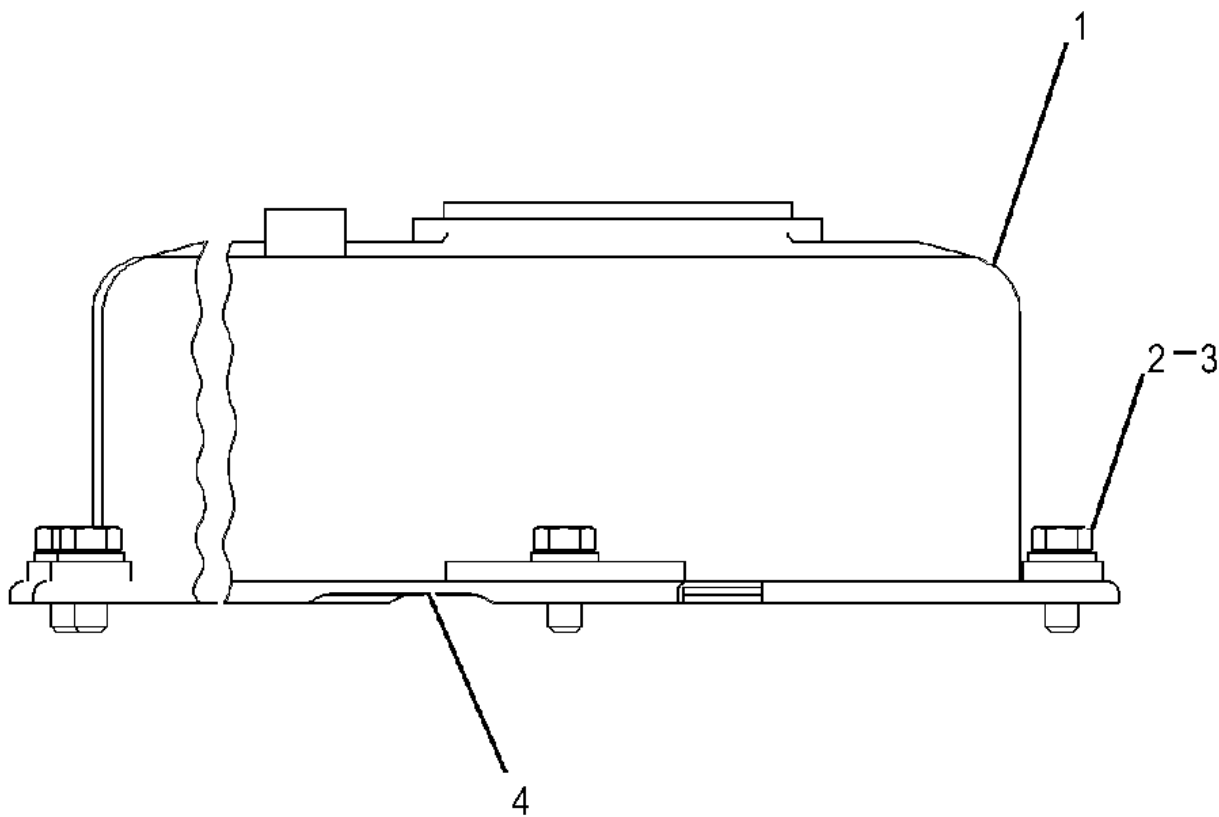


| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 9N-5769     | COVER-HOUSING                      | 1   |      |            |
| 2    | 6N-7887     | GASKET-HOUSING COVER               | 1   |      |            |
| 3    | 3S-2713     | NUT-FULL (3/8-24-THD)              | 6   |      |            |
| 4    | 8M-9024     | WASHER-HARD (10.2X22.5X5-MM THK)   | 6   |      |            |
| 5    | 2P-2720     | GASKET                             | 1   |      |            |
| 6    | 2P-3200     | BOLT-WASHER HEAD                   | 2   |      |            |
| 7    | 4N-4526     | COVER                              | 1   |      |            |
| 8    | 2P-0220     | GASKET-PUMP                        | 1   |      |            |
| 9    | 1W-4542     | COVER-WATER PUMP                   | 1   |      |            |
| 10   | 3B-1915     | BOLT (3/8-16X1.375-IN)             | 3   |      |            |
| 11   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 3   |      |            |
| 12   | 0S-1566     | BOLT (5/8-11X1.5-IN)               | 2   |      |            |
| 13   | 5P-8247     | WASHER-HARD (17X32X3.5-MM THK)     | 2   |      |            |

8N-4745 COVER GP-VALVE MECHANISM

8N-4745 COVER GP-VALVE MECHANISM S/N R6J1-UP; 10Z45331-UP PART OF 257-0546 ENGINE AR

Drawing 1 of 1

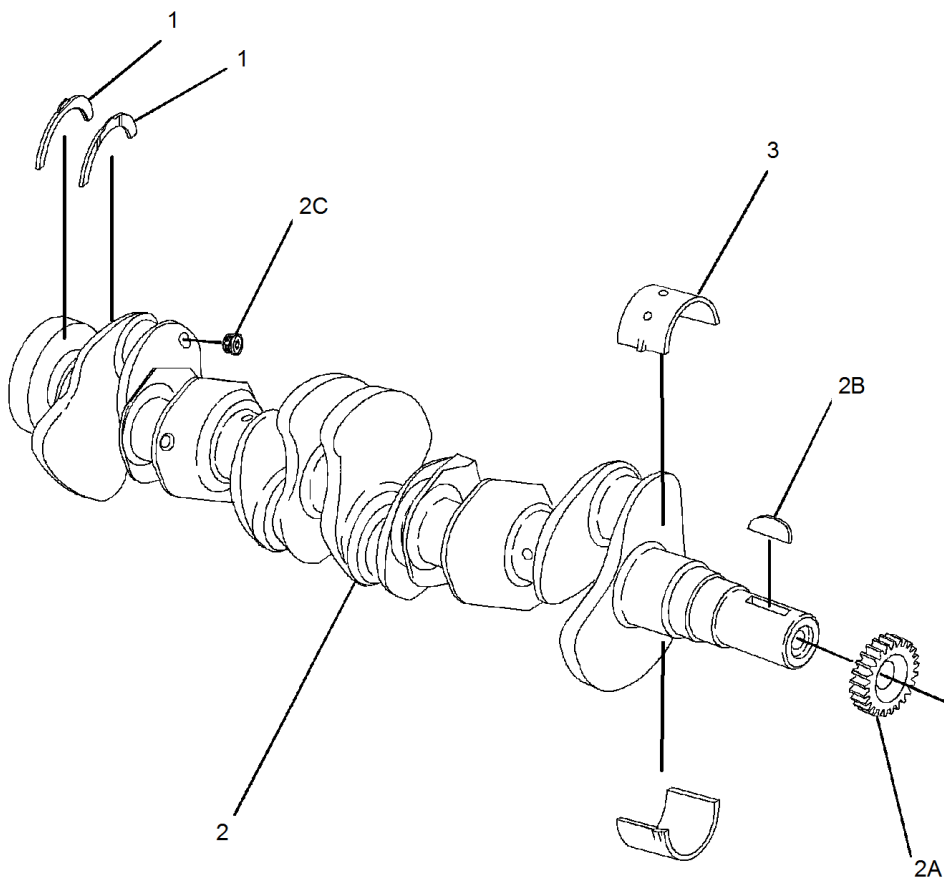


| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 2W-1086     | COVER AS-CYLINDER HEAD        | 1   |      |            |
| 2    | 0S-1617     | BOLT (5/16-18X0.75-IN)        | 15  |      |            |
| 3    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 15  |      |            |
| 4    | 133-1247    | SEAL-VALVE COVER              | 1   |      |            |

4P-9856 CRANKSHAFT GP

4P-9856 CRANKSHAFT GP S/N R6J1-UP; 10Z45331-UP PART OF 257-0546 ENGINE AR

Drawing 1 of 1



| Ref. | Part number | Description                           | Qty | Code | Group page |
|------|-------------|---------------------------------------|-----|------|------------|
| 1    | 100-3652    | PLATE-THRUST                          | 2   | J    |            |
| 2    | 344-2603    | CRANKSHAFT AS                         | 1   |      |            |
| 2A   | 4P-7827     | GEAR-CRANKSHAFT (33-TEETH)            | 1   |      |            |
| 2B   | 5H-2671     | KEY-WOODRUFF                          | 1   |      |            |
| 2C   | 8T-6757     | PLUG-PIPE                             | 6   |      |            |
| 3    | 232-3233    | BEARING-MAIN (STANDARD)               | 7   | J    |            |
|      | 8N-8225     | BEARING-MAIN (0.25-MM US)             |     | AB   |            |
|      | 8N-8226     | BEARING-MAIN (0.51-MM US)             |     | AB   |            |
|      | 8N-8227     | BEARING-MAIN (0.76-MM US)             |     | AB   |            |
|      | 8N-8228     | BEARING-MAIN (0.51-MM OS)             |     | AB   |            |
|      | 8N-8229     | BEARING-MAIN (0.25-MM US, 0.51-MM OS) |     | AB   |            |
|      | 4P-7305     | BEARING-MAIN (0.51-MM OS, 0.51-MM US) |     | AB   |            |
|      | 4P-7306     | BEARING-MAIN (0.51-MM OS, 0.76-MM US) |     | AB   |            |

4P-9856 CRANKSHAFT GP (continued)

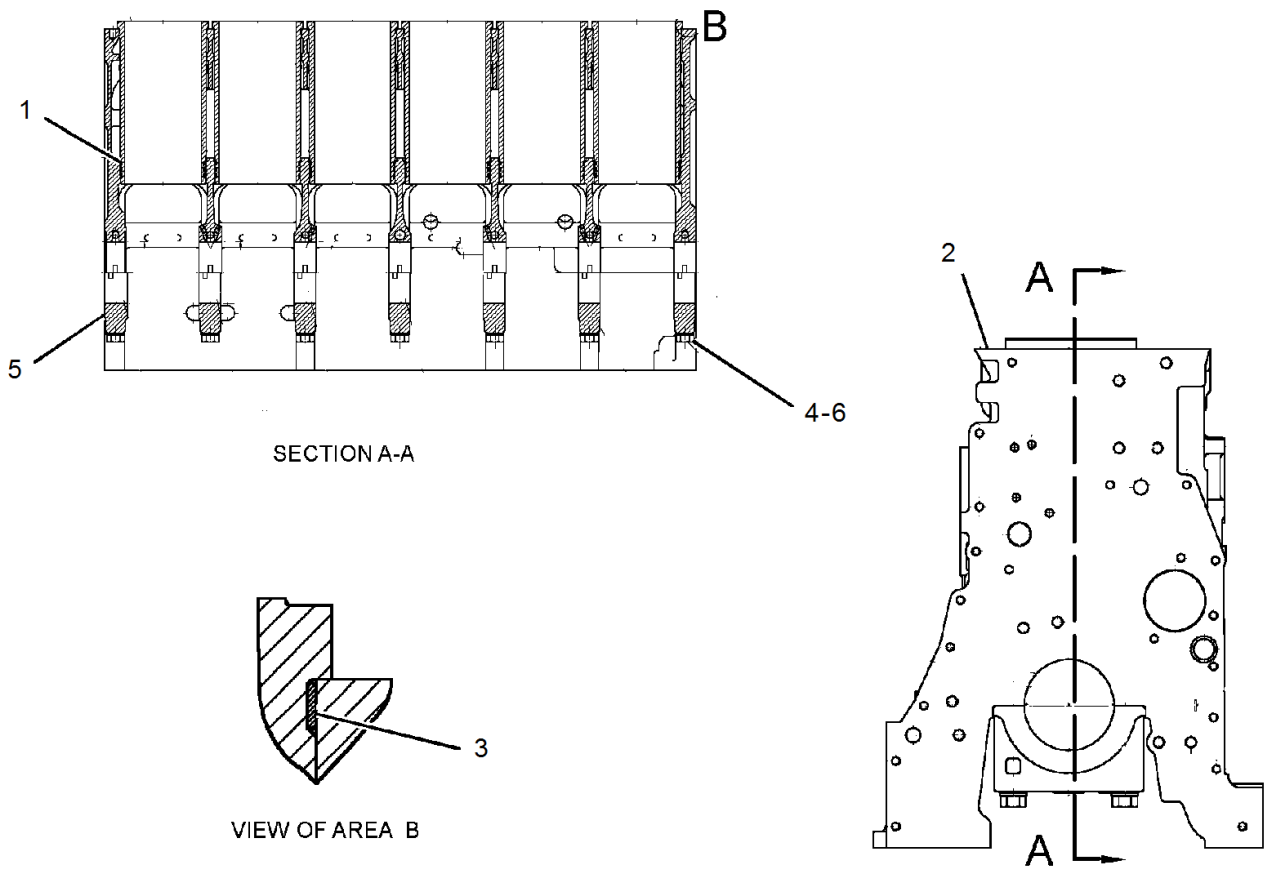
| Ref.                                         | Part number | Description                            | Qty. | Code | Group page |
|----------------------------------------------|-------------|----------------------------------------|------|------|------------|
| AVAILABLE REPLACEMENT PART(S):               |             |                                        |      |      |            |
|                                              | 196-9534    | KIT-BASIC ENGINE REPAIR (MAIN BEARING) |      | AJ   |            |
| (INCLUDES STANDARD BEARINGS & THRUST PLATES) |             |                                        |      |      |            |

CAT codes: A, B, J, R.

7N-6550 CYLINDER BLOCK GP

7N-6550 CYLINDER BLOCK GP S/N R6J1-UP; 10Z45331-UP PART OF 8N-5286 CYLINDER BLOCK GP

Drawing 1 of 1



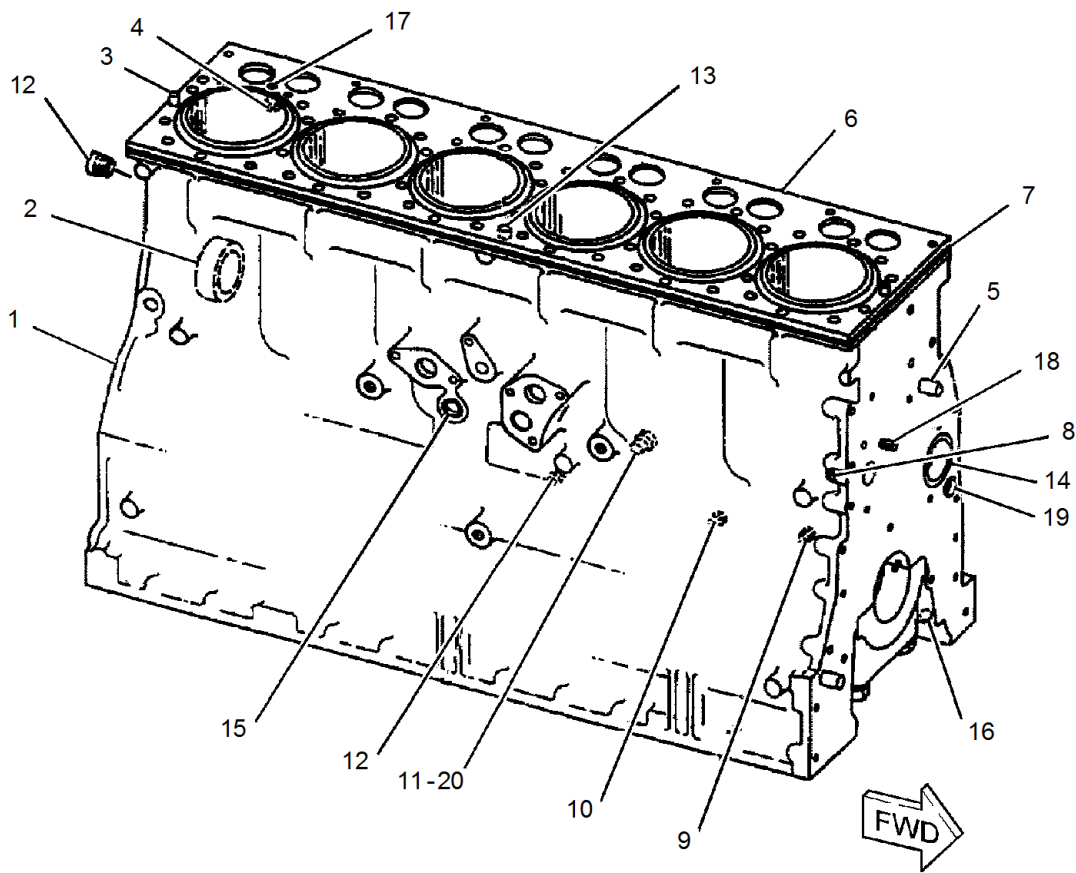
| Ref.                                                   | Part number | Description                      | Qty | Code | Group page |
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| 1                                                      | 5S-6670     | SEAL-O-RING                      | 18  |      |            |
| 2                                                      | 371-5941    | LINER-CYLINDER                   | 6   |      |            |
|                                                        | 104-5512    | INSERT-LINER SEAT (0.822-MM THK) |     | ABJ  |            |
|                                                        | 104-5518    | INSERT-LINER SEAT (1.605-MM THK) |     | ABJ  |            |
|                                                        | 104-5527    | INSERT-LINER SEAT (2.71-MM THK)  |     | ABJ  |            |
|                                                        | 104-5530    | INSERT-LINER SEAT (5.21-MM THK)  |     | ABJ  |            |
| (REFER TO SEBF8198 FOUND IN SISWEB FOR LINER INSERTS.) |             |                                  |     |      |            |
| 3                                                      | 2W-6134     | BAND-FILLER                      | 6   |      |            |
| 4                                                      | 7S-3224     | BOLT (5/8-11X5.25-IN)            | 14  |      |            |
| 5                                                      | 6N-8003     | CAP-CRANKSHAFT BEARING           | 7   |      |            |
| 6                                                      | 2S-5658     | WASHER-HARD (17X29X3-MM THK)     | 14  |      |            |

CAT codes: A, B, J.

8N-5286 CYLINDER BLOCK GP

8N-5286 CYLINDER BLOCK GP S/N R6J1-UP; 10Z45331-UP PART OF 257-0546 ENGINE AR

Drawing 1 of 1



| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 1    | 7N-6550     | CYLINDER BLOCK GP      | 1   | Y    |            |
| 2    | 7M-4046     | BUSHING                | 4   |      |            |
| 3    | 8K-1207     | DOWEL                  | 2   |      |            |
| 4    | 3S-5496     | SEAL-O-RING            | 1   |      |            |
| 5    | 8B-6349     | DOWEL                  | 2   |      |            |
| 6    | 7N-7998     | PLATE-BLOCK            | 1   |      |            |
| 7    | 115-7550    | GASKET-PLATE           | 1   |      |            |
| 8    | 8T-6764     | PLUG-PIPE (1/8-27-THD) | 1   |      |            |
| 9    | 8T-6763     | PLUG-PIPE (1/4-18-THD) | 1   |      |            |
| 10   | 8T-6765     | PLUG-PIPE (1/4-18-THD) | 4   |      |            |
| 11   | 8M-9307     | PLUG (CYLINDER BLOCK)  | 1   |      |            |
| 12   | 8T-6762     | PLUG-PIPE (1/2-14-THD) | 3   |      |            |
| 13   | 5B-7652     | DOWEL                  | 2   |      |            |
| 14   | 8N-4110     | BUSHING                | 1   |      |            |
| 15   | 4B-5387     | PLUG-CUP               | 1   |      |            |

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