

# CATERPILLAR 323D S

SED / SEBP4931

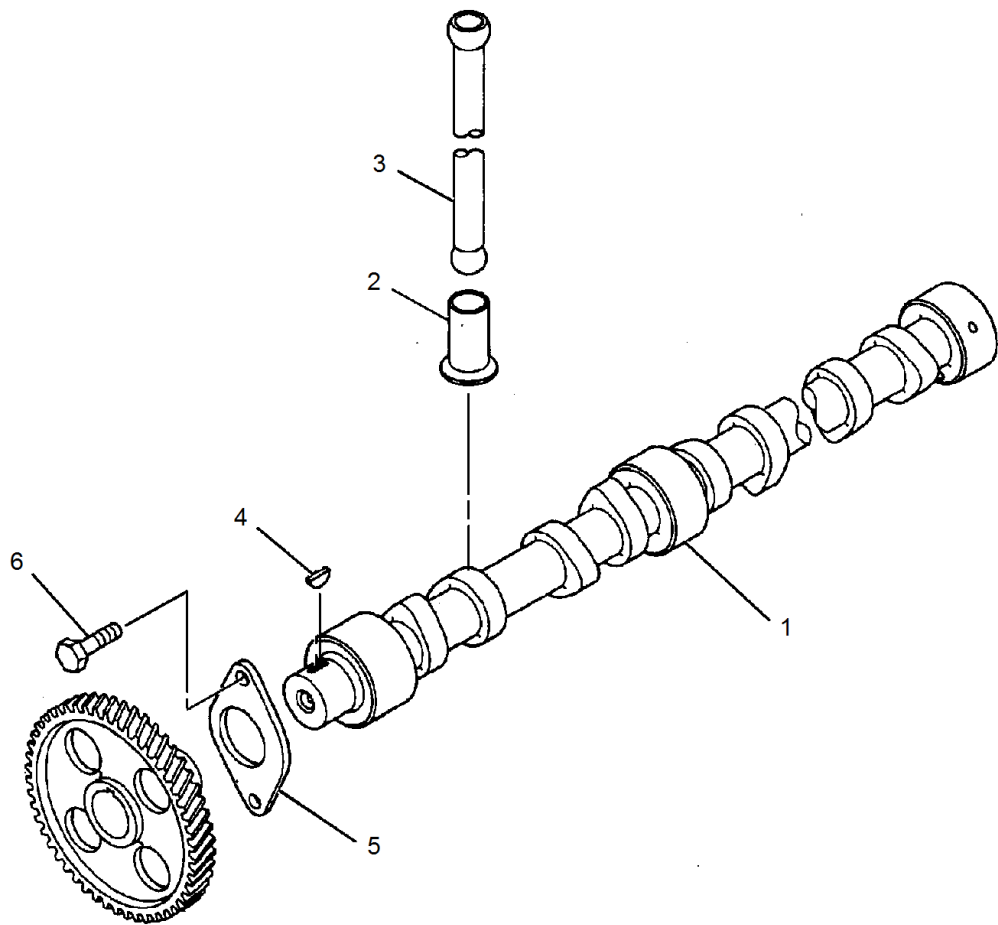
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296-4639 CAMSHAFT GP

296-4639 CAMSHAFT GP S/N GDC1-228 PART OF 272-4739, 279-7865 ENGINE AR ALSO AN ATTACHMENT

Drawing 1 of 1



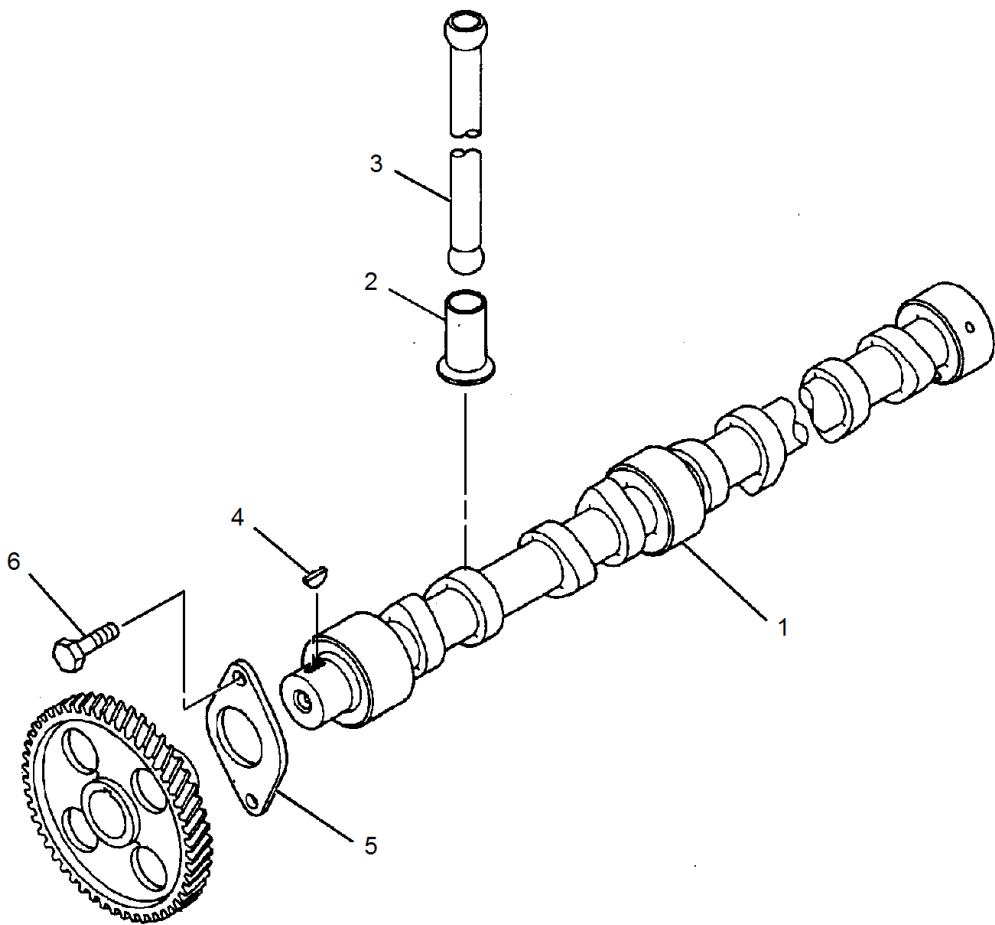
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 294-1715    | CAMSHAFT             | 1   |      |            |
| 2    | 279-7859    | TAPPET               | 12  |      |            |
| 3    | 294-1716    | PUSHROD              | 12  |      |            |
| 4    | 094-4628    | KEY (CRANKSHAFT)     | 1   |      |            |
| 5    | 5I-7650     | PLATE                | 1   |      |            |
| 6    | 6V-5215     | BOLT (M8X1.25X16-MM) | 2   | M    |            |

CAT codes: M.

305-4743 CAMSHAFT GP

305-4743 CAMSHAFT GP S/N GDC163-163; GDC229-258 PART OF 272-4739 ENGINE AR

Drawing 1 of 1



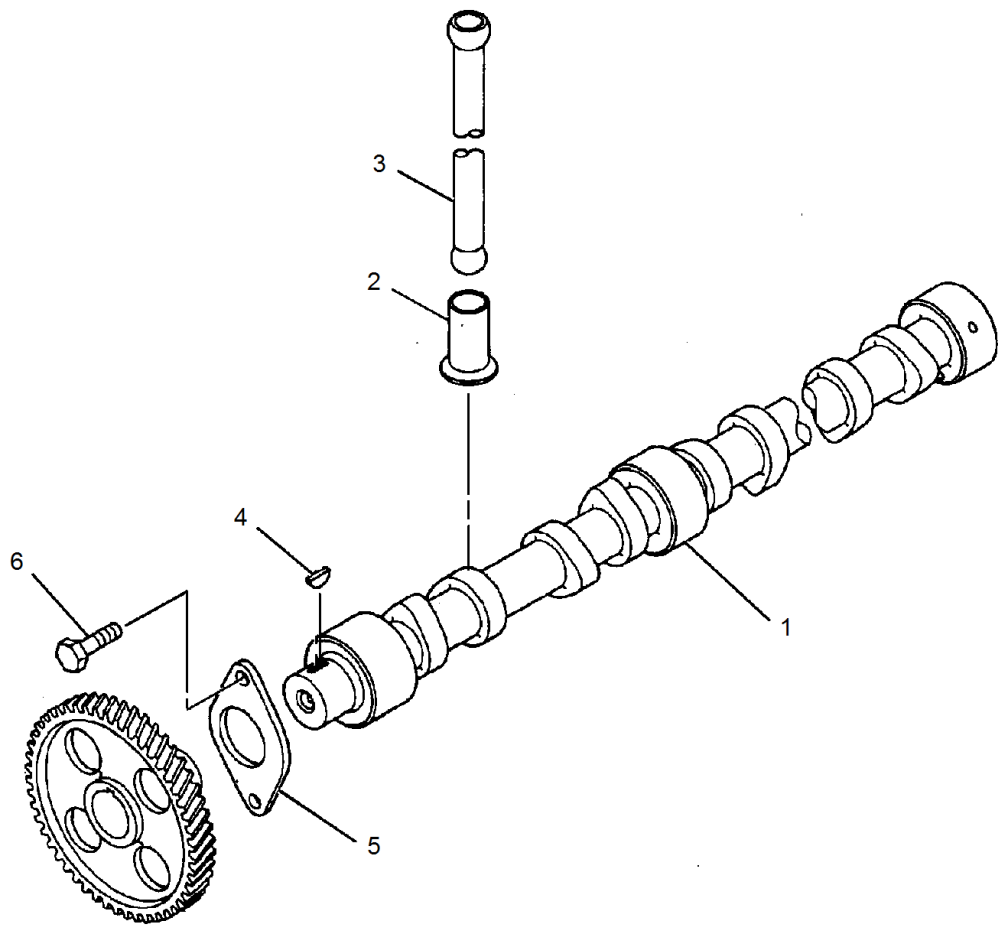
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 305-4748    | CAMSHAFT             | 1   |      |            |
| 2    | 279-7859    | TAPPET               | 12  |      |            |
| 3    | 294-1716    | PUSHROD              | 12  |      |            |
| 4    | 094-4628    | KEY                  | 1   |      |            |
| 5    | 5I-7650     | PLATE                | 1   |      |            |
| 6    | 6V-5215     | BOLT (M8X1.25X16-MM) | 2   | M    |            |

CAT codes: M.

305-4744 CAMSHAFT GP

305-4744 CAMSHAFT GP S/N GDC229-UP PART OF 272-4739, 279-7865 ENGINE AR ALSO AN ATTACHMENT

Drawing 1 of 1



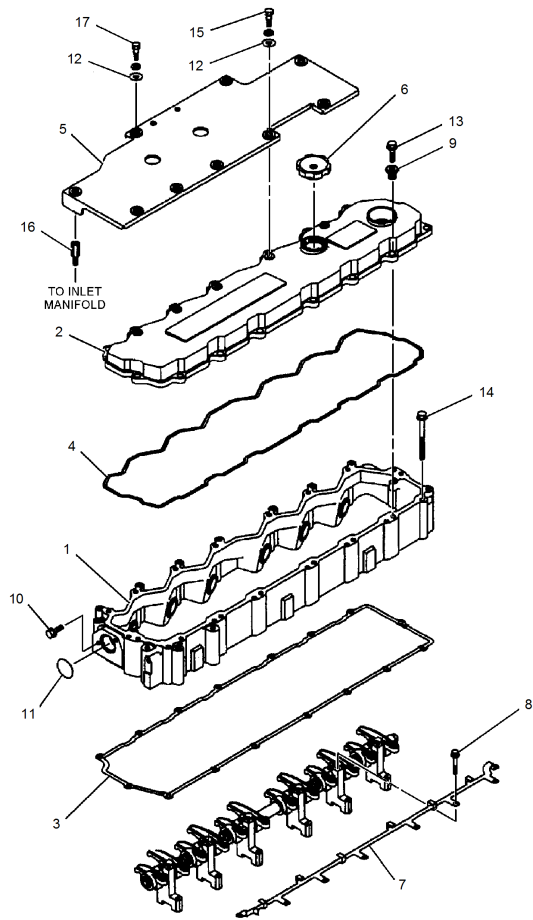
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 305-4756    | CAMSHAFT             | 1   |      |            |
| 2    | 324-4060    | TAPPET               | 12  |      |            |
| 3    | 294-1716    | PUSHROD              | 12  |      |            |
| 4    | 094-4628    | KEY                  | 1   |      |            |
| 5    | 5I-7650     | PLATE                | 1   |      |            |
| 6    | 6V-5215     | BOLT (M8X1.25X16-MM) | 2   | M    |            |

CAT codes: M, R.

296-4647 COVER GP-VALVE MECHANISM

296-4647 COVER GP-VALVE MECHANISM S/N GDC1-UP PART OF 272-4739, 279-7865 ENGINE AR ALSO AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 294-1703    | COVER-ROCKER                  | 1   |      |            |
| 2    | 324-4220    | COVER-ROCKER                  | 1   |      |            |
| 3    | 294-1705    | GASKET                        | 1   |      |            |
| 4    | 294-1706    | GASKET (VALVE COVER)          | 1   |      |            |
| 5    | 324-4221    | COVER                         | 1   |      |            |
| 6    | 294-1708    | CAP (ENGINE OIL FILLER)       | 1   |      |            |
| 7    | 294-1709    | BRACKET                       | 1   |      |            |
| 8    | 294-1710    | BOLT (M6X1X16.2-MM)           | 8   |      |            |
| 9    | 294-1711    | WASHER                        | 16  |      |            |
| 10   | 096-8569    | BOLT (140-MM LG)              | 2   |      |            |
| 11   | 294-1712    | SEAL                          | 1   |      |            |
| 12   | 8T-4224     | WASHER-HARD (8.8X16X2-MM THK) | 9   |      |            |
| 13   | 294-1713    | BOLT (M8X1.25X38.3-MM)        | 16  |      |            |
| 14   | 294-1700    | BOLT (M8X1.25X108.3-MM)       | 16  |      |            |

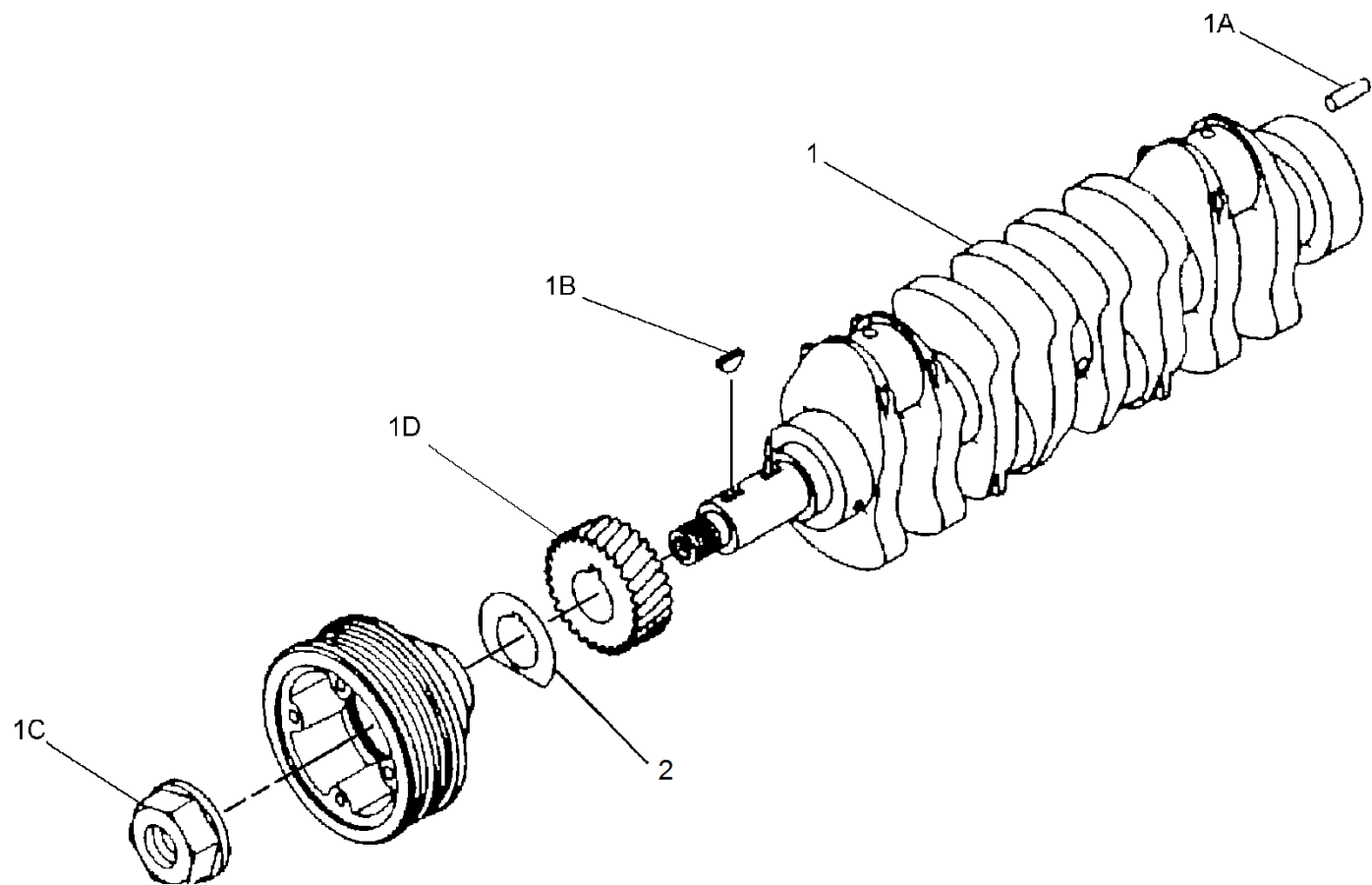
## 296-4647 COVER GP-VALVE MECHANISM (continued)

| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 15   | 095-8799    | BOLT (M8X1.25X30.5-MM) | 7   |      |            |
| 16   | 294-1714    | STUD                   | 2   |      |            |
| 17   | 294-1821    | BOLT (M8X1.25X35.5-MM) | 2   |      |            |

296-4650 CRANKSHAFT GP

296-4650 CRANKSHAFT GP S/N GDC1-UP PART OF 272-4739, 279-7865 ENGINE AR ALSO AN ATTACHMENT

Drawing 1 of 1



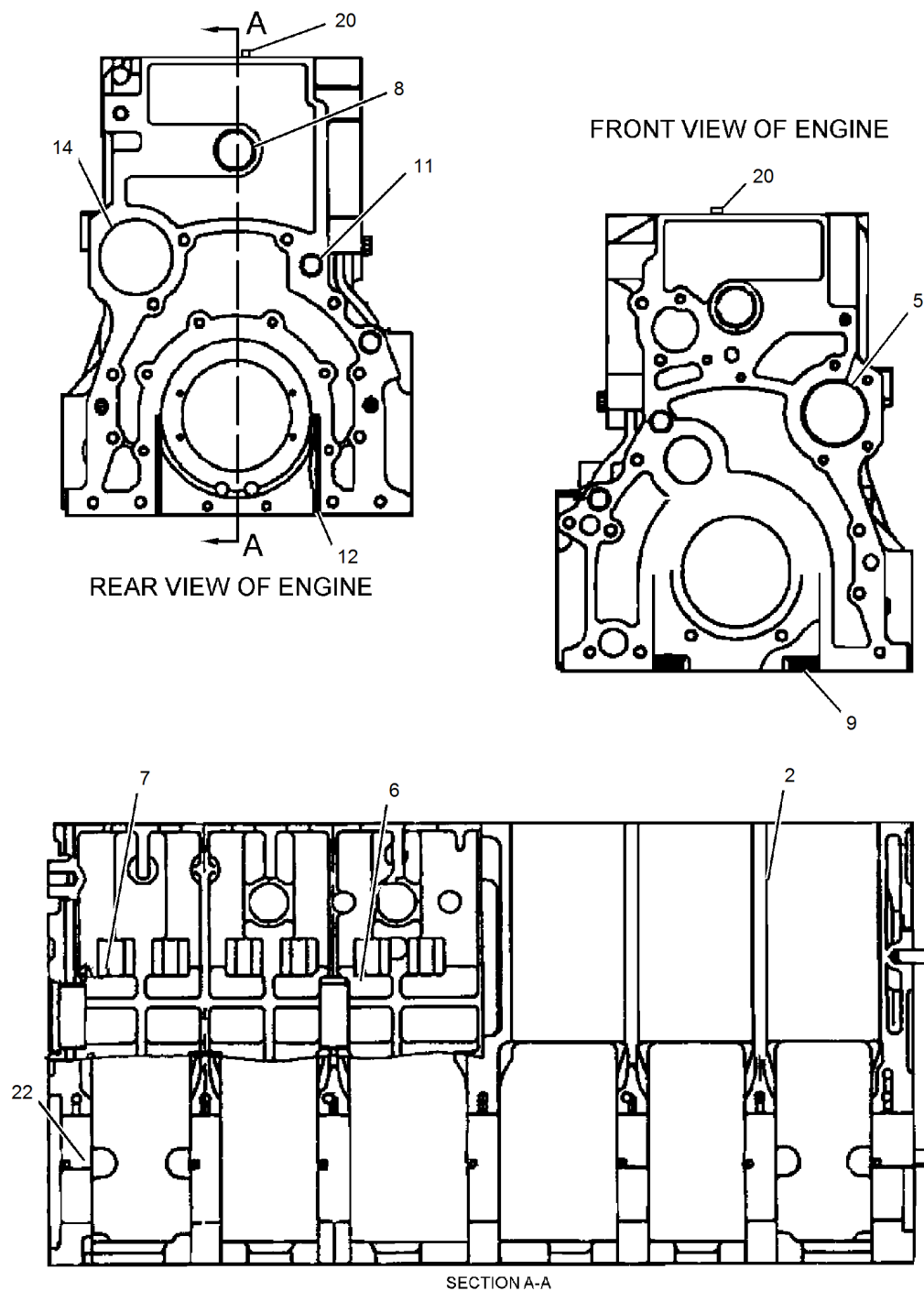
| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 294-1749    | CRANKSHAFT AS    | 1   |      |            |
| 1A   | 085-9513    | PIN              | 2   |      |            |
| 1B   | 094-4628    | KEY (CRANKSHAFT) | 2   |      |            |
| 1C   | 130-7596    | NUT              | 1   |      |            |
| 1D   | 294-1751    | GEAR (31-TEETH)  | 1   |      |            |
| 2    | 233-1277    | PLATE            | 1   |      |            |

CAT codes: R.

## 294-1725 CYLINDER BLOCK GP

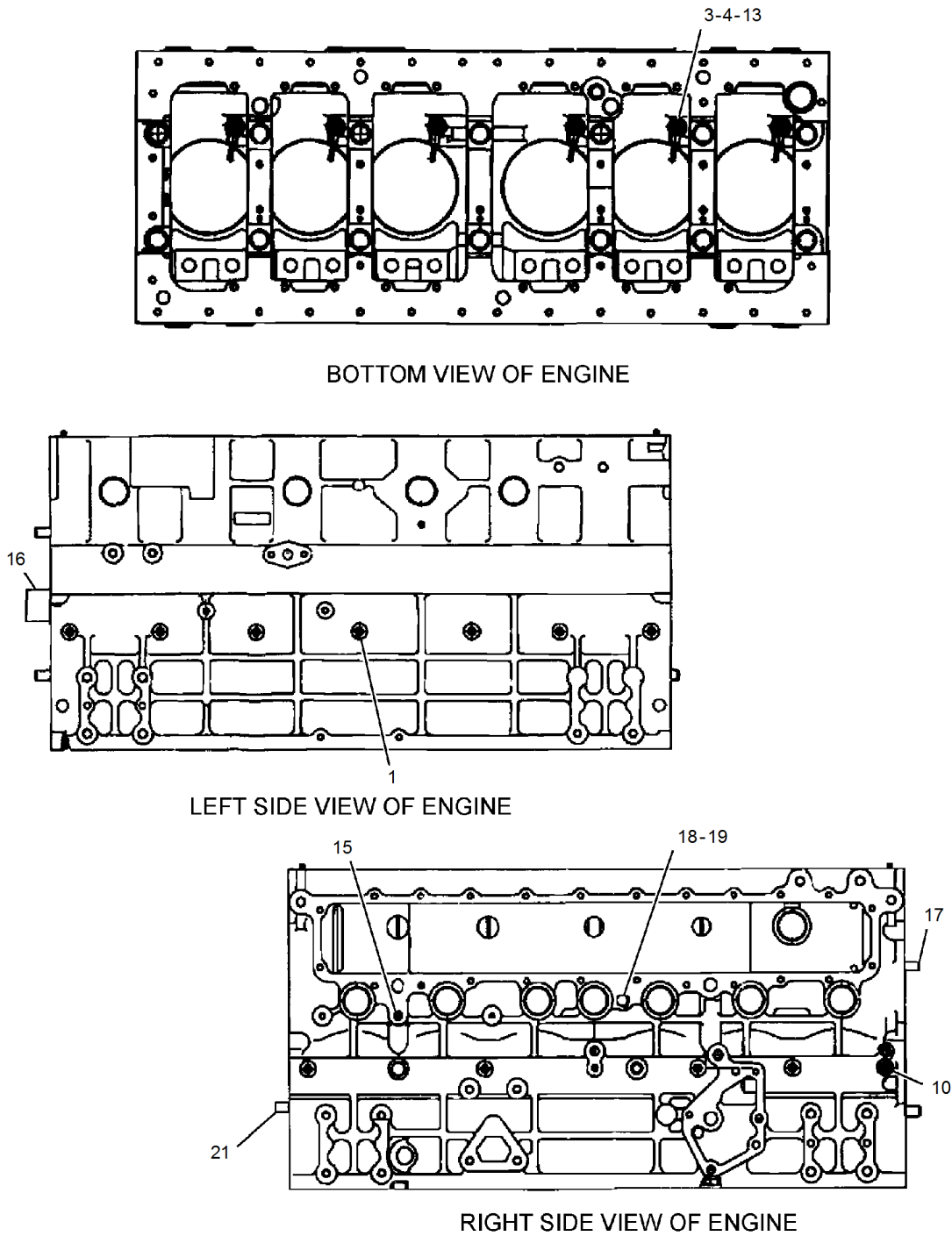
294-1725 CYLINDER BLOCK GP S/N GDC1-UP PART OF 296-4648 CYLINDER BLOCK GP ALSO AN ATTACHMENT

Drawing 1 of 2



294-1725 CYLINDER BLOCK GP (continued)

Drawing 2 of 2



| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 5I-7505     | PLUG        | 12  |      |            |
| 2    | 551-1828    | SLEEVE      | 6   |      |            |
| 3    | 094-9424    | GASKET      | 12  |      |            |
| 4    | 139-7814    | VALVE       | 6   |      |            |
| 5    | 5I-8009     | BUSHING     | 1   |      |            |
| 6    | 5I-7528     | BUSHING     | 2   |      |            |

## 294-1725 CYLINDER BLOCK GP (continued)

| Ref. | Part number | Description                     | Qty | Code | Group page |
|------|-------------|---------------------------------|-----|------|------------|
| 7    | 5I-7529     | BUSHING                         | 1   |      |            |
| 8    | 3P-1896     | PLUG-CUP (35.31-MM OD)          | 14  |      |            |
| 9    | 094-7741    | BOLT-BEARING CAP (M14X2X120-MM) | 14  | M    |            |
| 10   | 095-2005    | CAP                             | 2   |      |            |
| 11   | 096-3741    | CAP                             | 7   |      |            |
| 12   | 294-1720    | SEAL                            | 2   |      |            |
| 13   | 294-1722    | JET                             | 6   |      |            |
| 14   | 5I-7525     | PLUG                            | 1   |      |            |
| 15   | 195-8212    | PLUG                            | 1   |      |            |
| 16   | 294-1721    | SHAFT                           | 1   |      |            |
| 17   | 5I-7724     | PIN                             | 2   |      |            |
| 18   | 095-2039    | WASHER-SPECIAL                  | 1   |      |            |
| 19   | 8T-4191     | BOLT (M10X1.5X16-MM)            | 1   | M    |            |
| 20   | 4I-9664     | PIN                             | 2   |      |            |
| 21   | 099-4420    | PIN                             | 2   |      |            |
| 22   | 183-5916    | PIN-SPRING                      | 6   |      |            |

CAT codes: M.

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