

# CATERPILLAR 45

1DR / SEBP2659

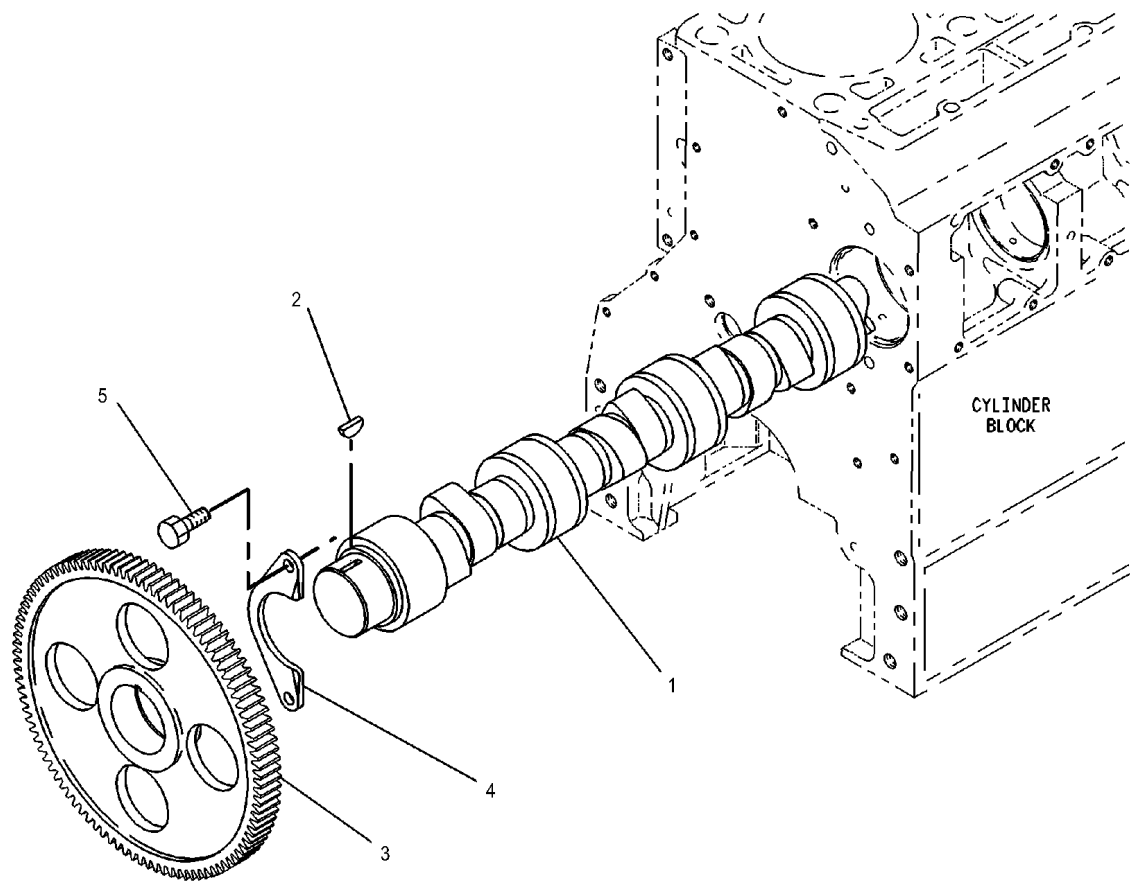
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6I-2341 CAMSHAFT GP

6I-2341 CAMSHAFT GP S/N 98Z19650-UP PART OF 108-8300, 108-8301, 131-3542, 131-5109 ENGINE AR

Drawing 1 of 1



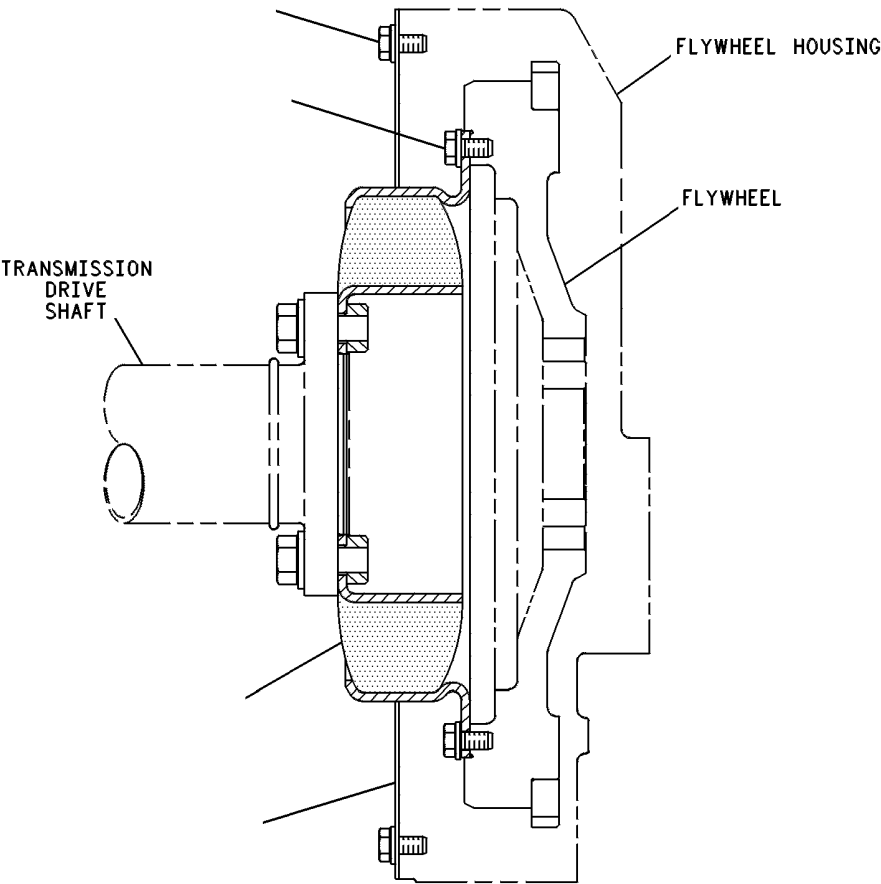
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 6I-2342     | CAMSHAFT AS          | 1   |      |            |
| 2    | 1B-8705     | KEY-WOODRUFF         | 1   |      |            |
| 3    | 7W-4070     | GEAR (100-TEETH)     | 1   |      |            |
| 4    | 107-7694    | PLATE-THRUST         | 1   |      |            |
| 5    | 6V-3940     | BOLT (M8X1.25X25-MM) | 2   | M    |            |

CAT codes: M, R.

108-8302 COUPLING GP-FLEXIBLE

108-8302 COUPLING GP-FLEXIBLE S/N 8DN850-UP; 1DR1700-UP PART OF 112-3840, 112-3841, 134-2358  
INSTALLATION AR, 134-2359 INSTALLATION AR-ENGINE

Drawing 1 of 1



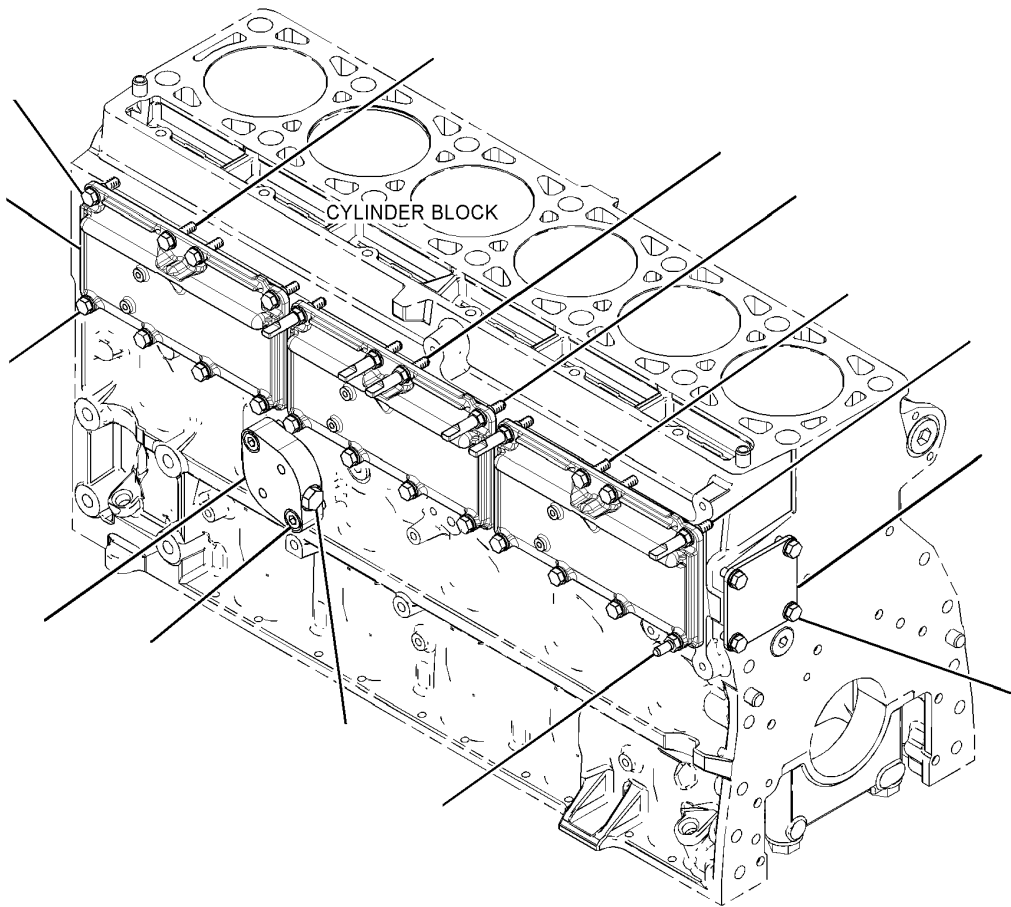
| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 1    | 3E-4902     | COUPLING AS                    | 1   |      |            |
| 2    | 4E-4369     | COVER                          | 1   |      |            |
| 3    | 8T-4137     | BOLT (M10X1.5X20-MM)           | 14  | M    |            |
| 4    | 8T-4121     | WASHER-HARD (11X21X2.5-MM THK) | 14  |      |            |

CAT codes: M.

# 128-6895 COVER GP-CYLINDER BLOCK

128-6895 COVER GP-CYLINDER BLOCK S/N 98Z19650-UP PART OF 108-8300, 108-8301, 131-3542, 131-5109 ENGINE AR

Drawing 1 of 1



| Ref.            | Part number | Description             | Qty | Code | Group page |
|-----------------|-------------|-------------------------|-----|------|------------|
| 1               | 9X-2099     | STUD (M8X1.25X52.75-MM) | 7   | M    |            |
| 2               | 2W-6544     | COVER                   | 1   |      |            |
| 3               | 4Y-9652     | GASKET                  | 3   |      |            |
| 4               | 7W-3872     | SLEEVE                  | 6   |      |            |
| 5               | 110-7618    | BOLT AS                 | 4   | M    |            |
| 6               | 342-4977    | COVER-SIDE              | 3   |      |            |
| 7               | 128-6144    | COVER-OIL               | 1   |      |            |
| 8               | 4F-9653     | SEAL-O-RING             | 1   |      |            |
| 9               | 6V-2317     | BOLT (M8X1.25X30-MM)    | 17  | M    |            |
| 10              | 148-8407    | PLUG AS                 | 2   |      |            |
| (EACH INCLUDES) |             |                         |     |      |            |
|                 | 3J-1907     | SEAL-O-RING             | 1   |      |            |
|                 | 9S-4191     | PLUG-O-RING             | 1   |      |            |

128-6895 COVER GP-CYLINDER BLOCK (continued)

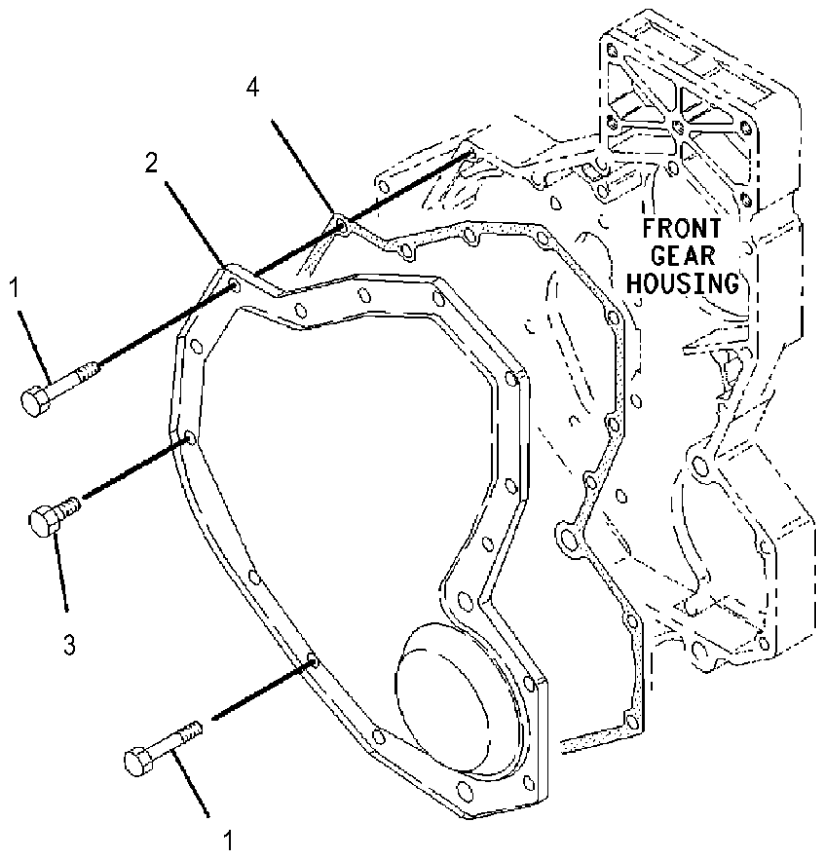
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 11   | 8T-1159     | BOLT-SOCKET HEAD (M10X1.5X25-MM) | 2   | M    |            |
| 12   | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)    | 24  |      |            |
| 13   | 1U-8846     | SEALANT-GASKET                   |     | B    |            |

CAT codes: B, M.

7W-9847 COVER GP-FRONT HOUSING

7W-9847 COVER GP-FRONT HOUSING S/N 98Z19650-UP PART OF 108-8300, 108-8301, 131-3542, 131-5109 ENGINE AR

Drawing 1 of 1



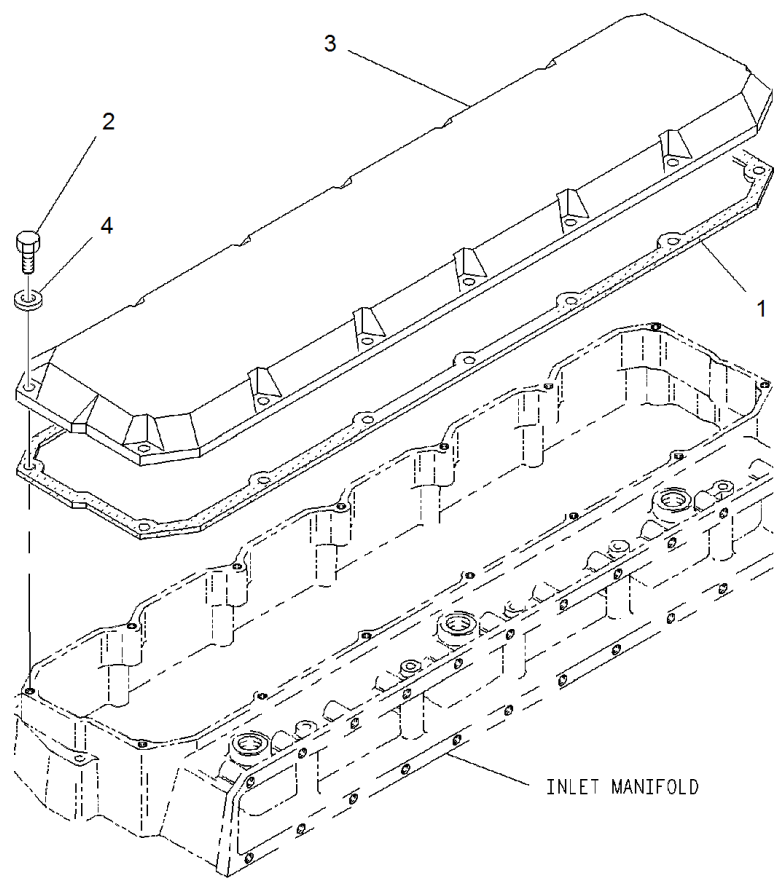
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 8T-0100     | BOLT (M8X1.25X60-MM) | 2   | CM   |            |
| 2    | 106-7920    | COVER AS-FRONT       | 1   | C    |            |
| 3    | 6V-2317     | BOLT (M8X1.25X30-MM) | 12  | CBM  |            |
| 4    | 7W-6552     | GASKET               | 1   |      |            |
|      | 1U-8846     | SEALANT-GASKET       |     | B    |            |

CAT codes: B, C, M.

4W-2172 COVER GP-VALVE MECHANISM

4W-2172 COVER GP-VALVE MECHANISM S/N 98Z19650-UP PART OF 108-8300, 108-8301, 131-3542, 131-5109 ENGINE AR

Drawing 1 of 1



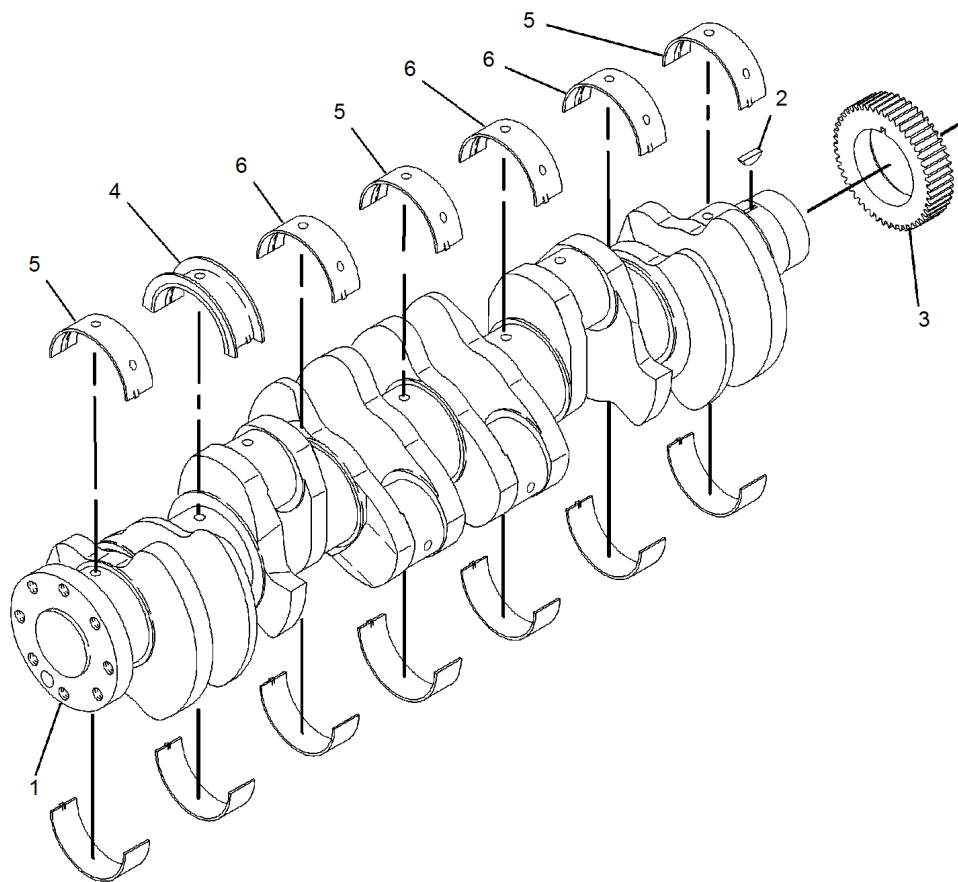
| Ref. | Part number | Description                     | Qty | Code | Group page |
|------|-------------|---------------------------------|-----|------|------------|
| 1    | 119-2940    | GASKET (VALVE COVER)            | 1   |      |            |
| 2    | 6V-2315     | BOLT (M6X1X35-MM)               | 14  | M    |            |
| 3    | 119-2960    | COVER                           | 1   |      |            |
| 4    | 5P-0537     | WASHER-HARD (7.2X14.5X2-MM THK) | 14  |      |            |

CAT codes: M.

4W-2197 CRANKSHAFT GP

4W-2197 CRANKSHAFT GP S/N 98Z19650-28460 PART OF 108-8300, 108-8301, 131-3542, 131-5109 ENGINE AR

Drawing 1 of 1



| Ref. | Part number | Description                            | Qty | Code | Group page |
|------|-------------|----------------------------------------|-----|------|------------|
| 1    | 105-1725    | CRANKSHAFT AS                          | 1   |      |            |
| 2    | 1B-8705     | KEY-WOODRUFF                           | 1   |      |            |
| 3    | 2W-8147     | GEAR (50-TEETH)                        | 1   |      |            |
| 4    | 107-7602    | BEARING-THRUST                         | 1   |      |            |
|      | 7C-6969     | BEARING-THRUST (0.5-MM OS)             |     | AB   |            |
|      | 7C-6970     | BEARING-THRUST (0.5-MM US - 0.5-MM OS) |     | AB   |            |
|      | 7C-6966     | BEARING-THRUST (0.25-MM US)            |     | AB   |            |
|      | 7C-6967     | BEARING-THRUST (0.5-MM US)             |     | AB   |            |
| 5    | 101-1530    | BEARING-MAIN                           | 3   |      |            |
|      | 7C-6974     | BEARING-MAIN (0.5-MM OS)               |     | AB   |            |
|      | 7C-6975     | BEARING-MAIN (0.5-MM US - 0.5-MM OS)   |     | AB   |            |
|      | 7C-6971     | BEARING-MAIN (0.25-MM US)              |     | AB   |            |
|      | 7C-6972     | BEARING-MAIN (0.5-MM US)               |     | AB   |            |
| 6    | 107-7708    | BEARING-MAIN                           | 3   |      |            |
|      | 7C-6964     | BEARING-MAIN (0.5-MM OS)               |     | AB   |            |

4W-2197 CRANKSHAFT GP (continued)

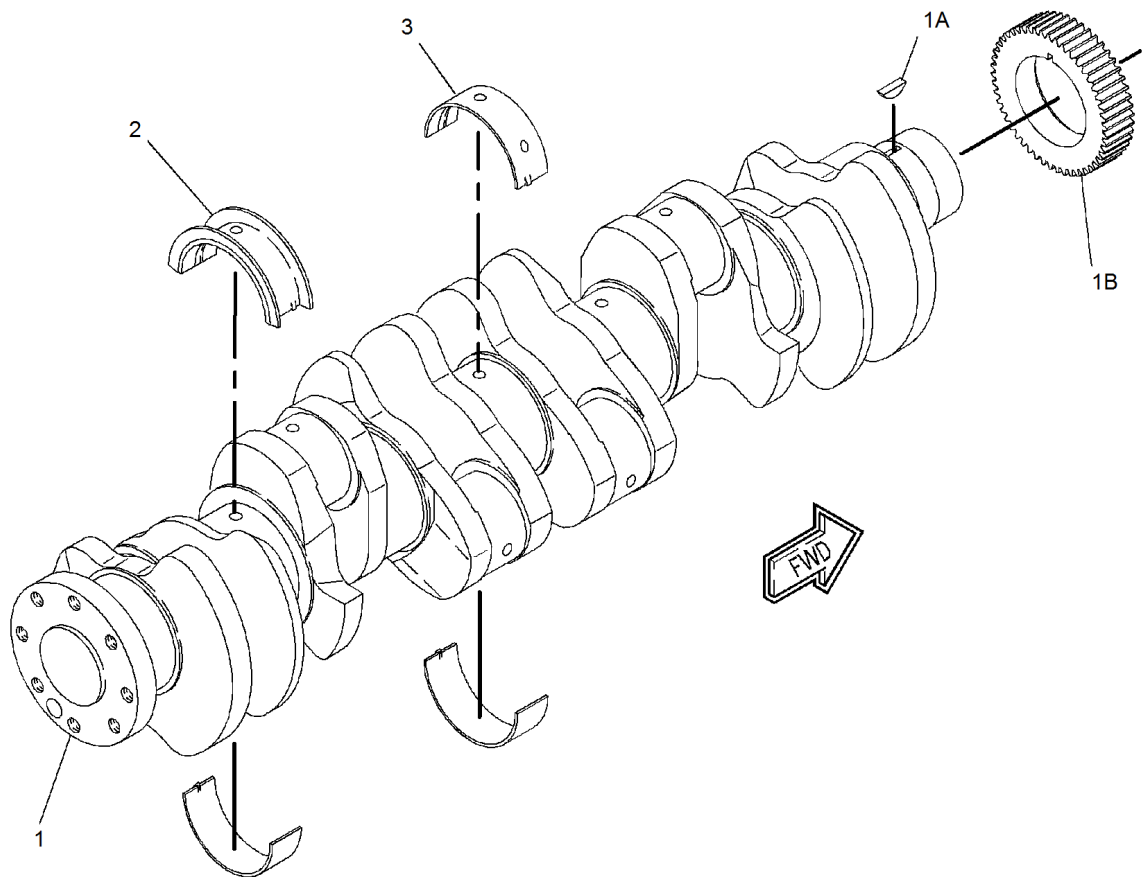
| Ref.                                                           | Part number | Description                                        | Qty | Code | Group page |
|----------------------------------------------------------------|-------------|----------------------------------------------------|-----|------|------------|
|                                                                | 7C-6965     | BEARING-MAIN (0.5-MM US - 0.5-MM OS)               |     | AB   |            |
|                                                                | 7C-6961     | BEARING-MAIN (0.25-MM US)                          |     | AB   |            |
|                                                                | 7C-6962     | BEARING-MAIN (0.5-MM US)                           |     | AB   |            |
|                                                                | 7C-7980     | SLEEVE-OIL SEAL                                    | 1   | AF   |            |
| (USED ONLY TO REPAIR THE REAR SEAL SURFACE OF THE CRANKSHAFT)  |             |                                                    |     |      |            |
| AVAILABLE REPAIR KIT(S):                                       |             |                                                    |     |      |            |
|                                                                | 196-9518    | KIT-BASIC ENGINE REPAIR (MAIN BEARING)(CRANKSHAFT) |     |      |            |
| (INCLUDES A COMPLETE SET OF STANDARD MAIN AND THRUST BEARINGS) |             |                                                    |     |      |            |

CAT codes: A, B, F, R.

4W-2197 CRANKSHAFT GP

4W-2197 CRANKSHAFT GP S/N 98Z28461-UP PART OF 108-8300, 108-8301, 131-3542, 131-5109 ENGINE AR

Drawing 1 of 1



| Ref.                                                                                        | Part number | Description                           | Qty | Code | Group page |
|---------------------------------------------------------------------------------------------|-------------|---------------------------------------|-----|------|------------|
| 1                                                                                           | 271-5658    | CRANKSHAFT AS                         | 1   |      |            |
| 1A                                                                                          | 1B-8705     | KEY-WOODRUFF                          | 1   |      |            |
| 1B                                                                                          | 2W-8147     | GEAR (50-TEETH)                       | 1   |      |            |
| 2                                                                                           | 212-4893    | BEARING-THRUST                        | 1   |      |            |
|                                                                                             | 229-5153    | BEARING-THRUST (0.25-MM US)           |     | AB   |            |
|                                                                                             | 229-5154    | BEARING-THRUST (0.5-MM US)            |     | AB   |            |
|                                                                                             | 229-5155    | BEARING-THRUST (0.5-MM OS)            |     | AB   |            |
|                                                                                             | 229-5156    | BEARING-THRUST (0.5-MM OS, 0.5-MM US) |     | AB   |            |
| 3                                                                                           | 107-7708    | BEARING-MAIN                          | 6   |      |            |
|                                                                                             | 145-0162    | BEARING-MAIN (0.25-MM US)             |     | AB   |            |
|                                                                                             | 145-0164    | BEARING-MAIN (0.5-MM US)              |     | AB   |            |
|                                                                                             | 145-0168    | BEARING-MAIN (0.5-MM OS)              |     | AB   |            |
|                                                                                             | 145-0170    | BEARING-MAIN (0.5-MM OS, 0.5-MM US)   |     | AB   |            |
|                                                                                             | 7C-7980     | SLEEVE-OIL SEAL                       | 1   | AF   |            |
| (THIS WEAR SLEEVE IS USED ONLY TO SALVAGE (REPAIR) THE REAR SEAL SURFACE OF THE CRANKSHAFT) |             |                                       |     |      |            |

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