

# CATERPILLAR 303.5E

RSE / SEBP6444

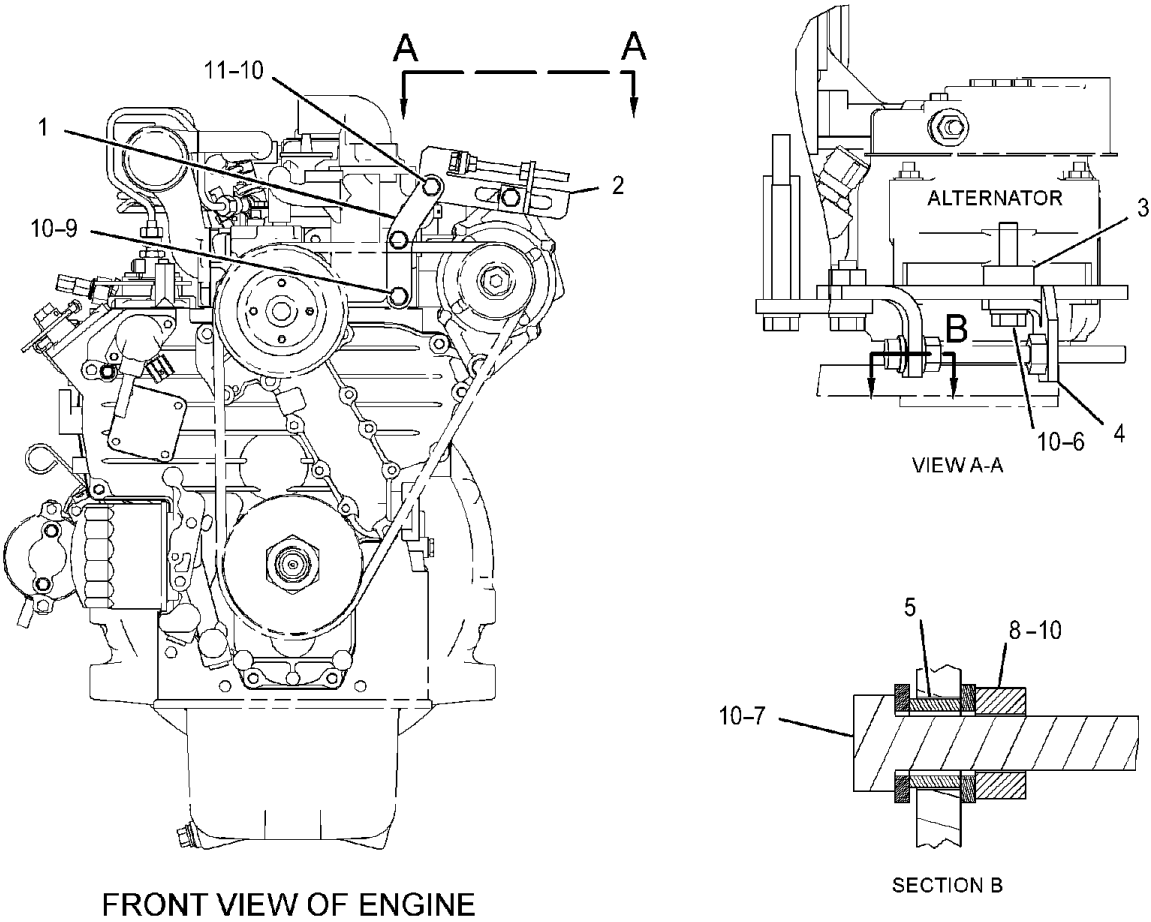
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380-6597 BELT TENSIONER GP

380-6597 BELT TENSIONER GP PART OF 383-0640 INSTALLATION AR-ENGINE

Drawing 1 of 1



| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 382-4808    | BRACKET AS               | 1   |      |            |
|      | 381-5786    | SPACER (9X16X54-MM THK)  | 1   |      |            |
| 2    | 382-4810    | BRACKET AS               | 1   |      |            |
|      | 8T-3612     | NUT-WELD (M8X1.25-THD)   | 1   | M    |            |
| 3    | 382-4812    | SPACER (9X22X8.5-MM THK) | 1   |      |            |
| 4    | 382-4813    | BRACKET AS               | 1   |      |            |
|      | 8T-3612     | NUT-WELD (M8X1.25-THD)   | 1   | M    |            |
| 5    | 382-4815    | SLEEVE                   | 1   |      |            |
| 6    | 099-3649    | BOLT (M8X1.25X40-MM)     | 1   | M    |            |
| 7    | 304-2819    | BOLT (M8X1.25X100-MM)    | 1   |      |            |
| 8    | 5C-7261     | NUT (M8X1.25-THD)        | 1   | M    |            |

380-6597 BELT TENSIONER GP (continued)

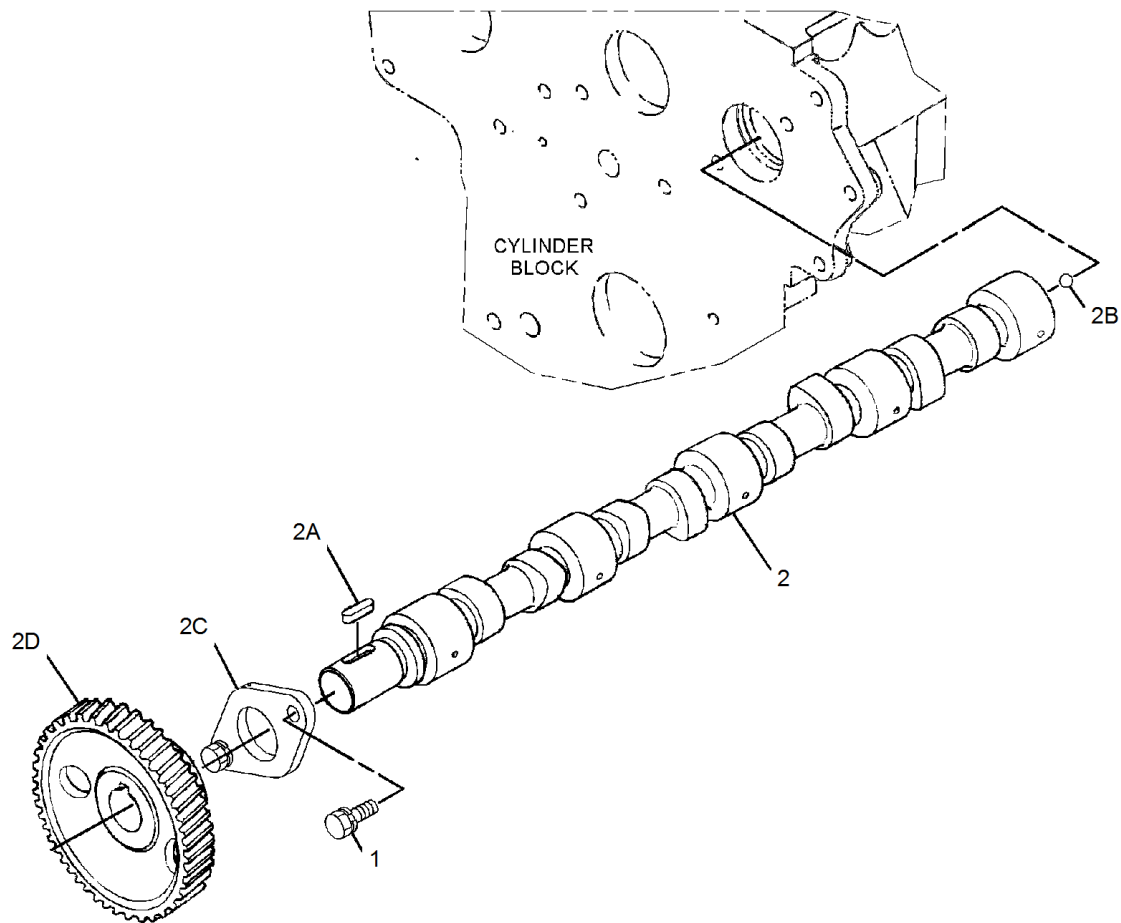
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 9    | 8T-3647     | BOLT (M8X1.25X80-MM)          | 2   | M    |            |
| 10   | 8T-4224     | WASHER-HARD (8.8X16X2-MM THK) | 6   |      |            |
| 11   | 8T-4908     | BOLT (M8X1.25X25-MM)          | 1   | M    |            |

CAT codes: M.

386-4564 CAMSHAFT GP

386-4564 CAMSHAFT GP PART OF 380-1776, 380-1777, 392-4113, 416-6081 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1

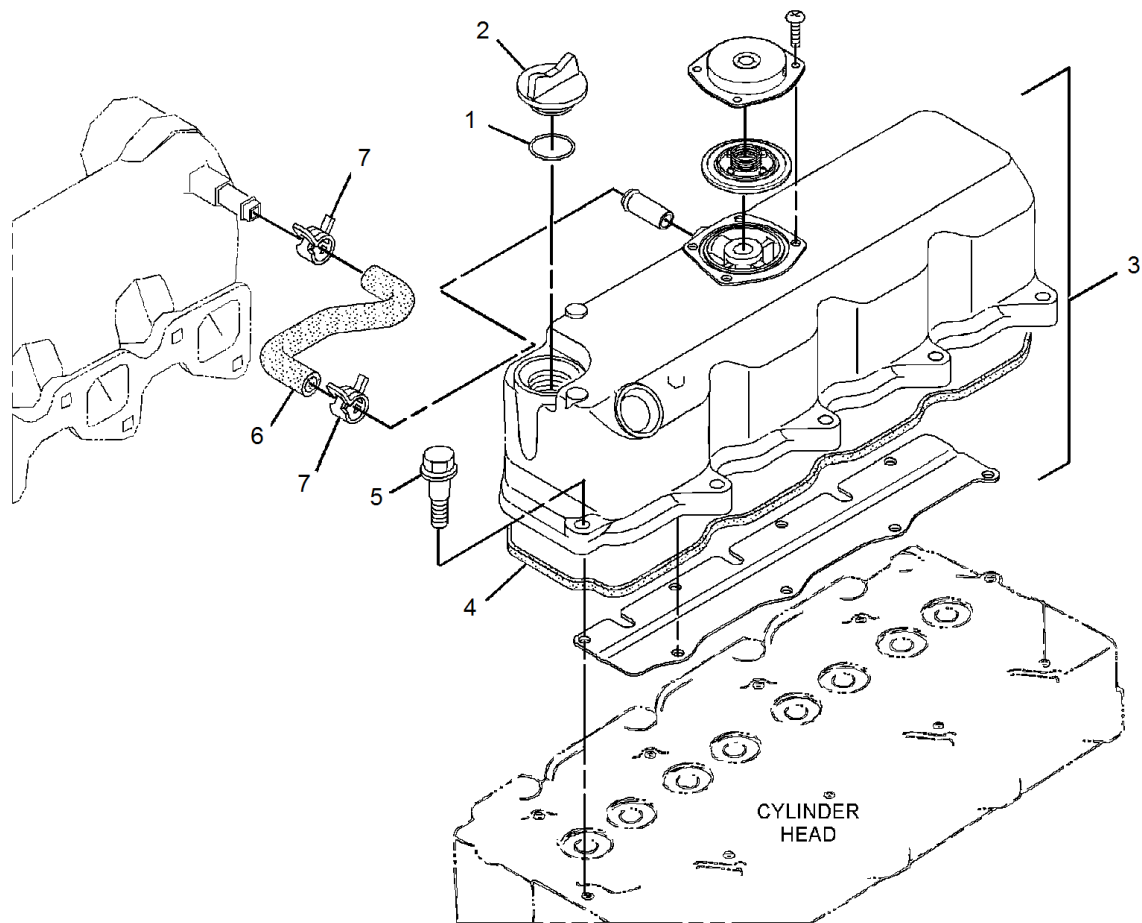


| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 383-0171    | BOLT                     | 2   |      |            |
| 2    | 386-6934    | CAMSHAFT AS              | 1   |      |            |
| 2A   | 383-0227    | KEY-FEATHER              | 1   |      |            |
| 2B   | 383-0231    | BALL                     | 1   |      |            |
| 2C   | 383-0270    | STOPPER (CAMSHAFT)       | 1   |      |            |
| 2D   | 383-0465    | GEAR-CAMSHAFT (68-TEETH) | 1   |      |            |

386-4566 COVER GP-VALVE MECHANISM

386-4566 COVER GP-VALVE MECHANISM PART OF 380-1776, 380-1777, 392-4113, 416-6081 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



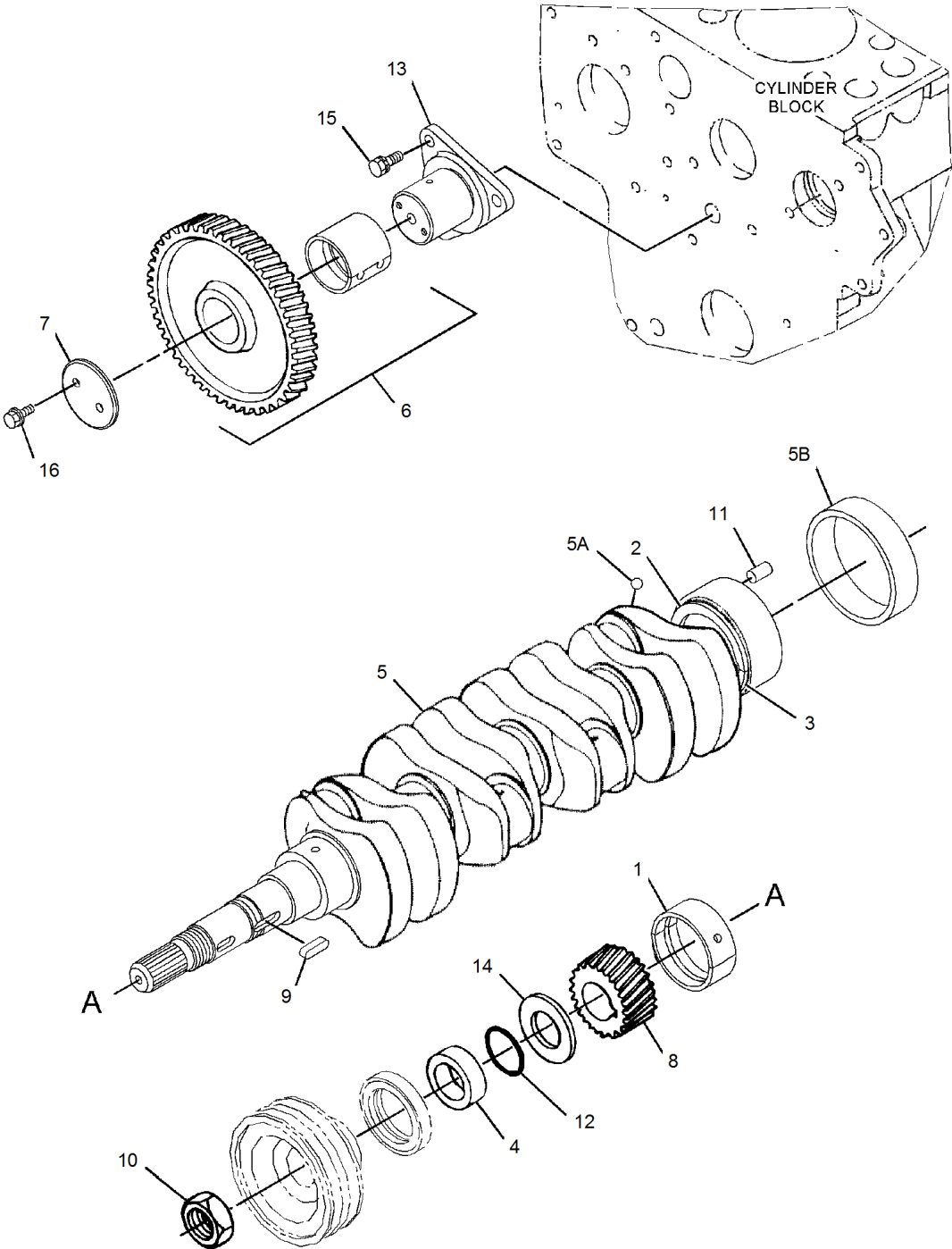
| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 383-0217    | SEAL-O-RING              | 1   |      |            |
| 2    | 383-0321    | PLUG-FILLER (ENGINE OIL) | 1   |      |            |
| 3    | 386-6930    | COVER AS-VALVE           | 1   |      |            |
|      | 383-0203    | SCREW                    | 4   |      |            |
|      | 383-0382    | PIPE                     | 1   |      |            |
|      | 383-0524    | COVER                    | 1   |      |            |
|      | 383-0563    | VALVE-BREATHER           | 1   |      |            |
| 4    | 386-6933    | GASKET                   | 1   |      |            |
| 5    | 383-0574    | BOLT                     | 8   |      |            |
| 6    | 395-0080    | HOSE-BREATHER            | 1   |      |            |
| 7    | 389-1593    | CLAMP                    | 2   |      |            |

PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY

386-4570 CRANKSHAFT GP

386-4570 CRANKSHAFT GP PART OF 380-1776, 380-1777, 392-4113, 416-6081 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 383-0467    | BEARING-CRANKSHAFT               | 1   |      |            |
|      | 389-0724    | BEARING-MAIN (0.20-MM UNDERSIZE) | 1   |      |            |
|      | 389-0725    | BEARING-MAIN (0.40-MM UNDERSIZE) | 1   |      |            |
| 2    | 383-0469    | BUSHING                          | 2   |      |            |

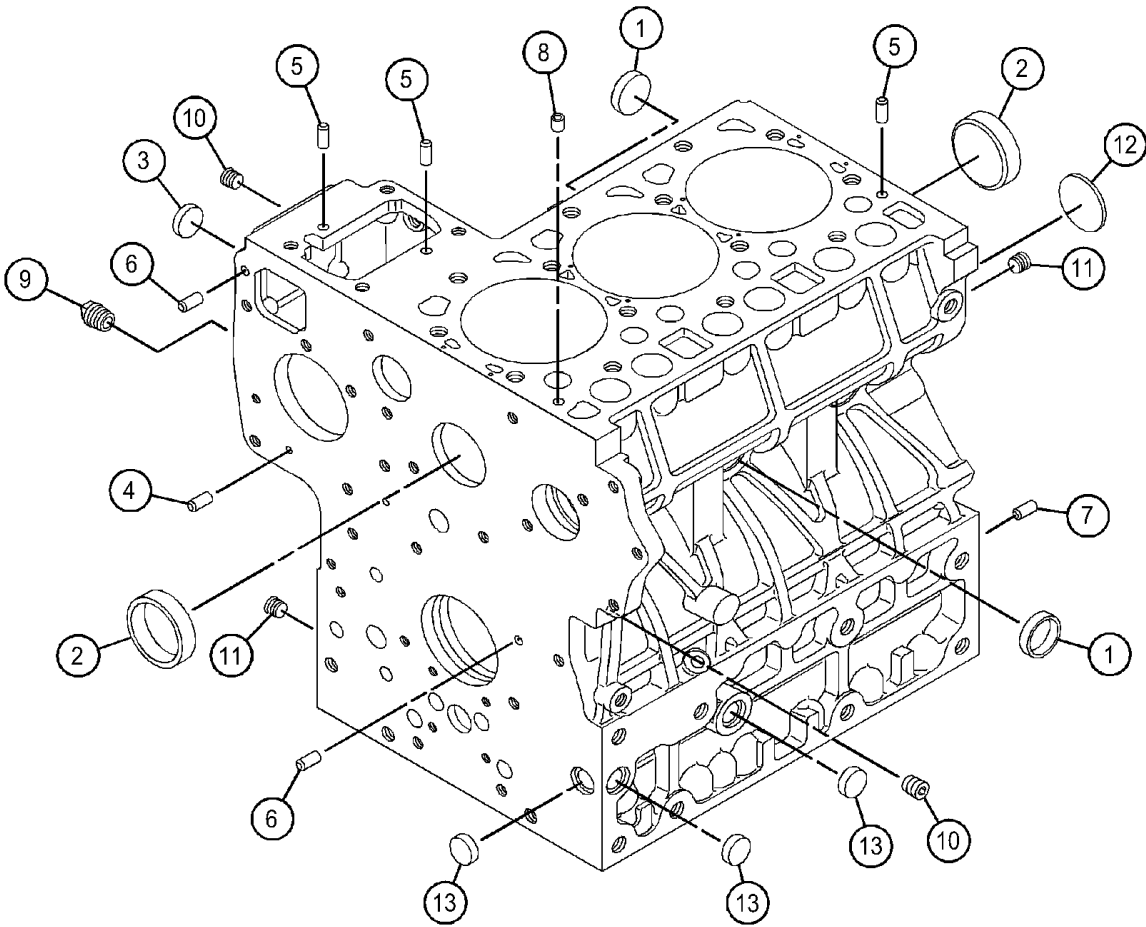
**386-4570 CRANKSHAFT GP** (continued)

| Ref. | Part number | Description                       | Qty | Code | Group page |
|------|-------------|-----------------------------------|-----|------|------------|
|      | 389-0726    | BEARING-THRUST (0.20-MM OVERSIZE) | 2   |      |            |
|      | 389-0727    | BEARING-THRUST (0.40-MM OVERSIZE) | 2   |      |            |
| 3    | 383-0470    | BUSHING                           | 2   |      |            |
|      | 389-0728    | BEARING-THRUST (0.20 OVERSIZE)    | 2   |      |            |
|      | 389-0729    | BEARING-THRUST (0.40 OVERSIZE)    | 2   |      |            |
| 4    | 383-0392    | COLLAR-CAMSHAFT                   | 1   |      |            |
| 5    | 386-6936    | CRANKSHAFT AS                     | 1   |      |            |
| 5A   | 383-0231    | BALL                              | 4   |      |            |
| 5B   | 383-0393    | SLEEVE-WEAR                       | 1   |      |            |
| 6    | 383-0515    | GEAR AS-IDLER (79-TEETH)          | 1   |      |            |
|      | 383-0401    | GEAR-IDLER                        | 1   |      |            |
| 7    | 383-0587    | COLLAR-GEAR CONTROL               | 1   |      |            |
| 8    | 383-0399    | GEAR-CRANKSHAFT (34-TEETH)        | 1   |      |            |
| 9    | 383-0228    | KEY-FEATHER                       | 1   |      |            |
| 10   | 383-0271    | NUT                               | 1   |      |            |
| 11   | 383-0398    | PIN-STRAIGHT                      | 1   |      |            |
| 12   | 383-0210    | SEAL-O-RING                       | 1   |      |            |
| 13   | 383-0400    | SHAFT-GEAR                        | 1   |      |            |
| 14   | 383-0292    | SLINGER-OIL                       | 1   |      |            |
| 15   | 383-0171    | BOLT                              | 3   |      |            |
| 16   | 393-7502    | BOLT-FLANGE HEAD                  | 2   |      |            |

386-6914 CYLINDER BLOCK AS

386-6914 CYLINDER BLOCK AS PART OF 386-4561 CYLINDER BLOCK GP AN ATTACHMENT

Drawing 1 of 1

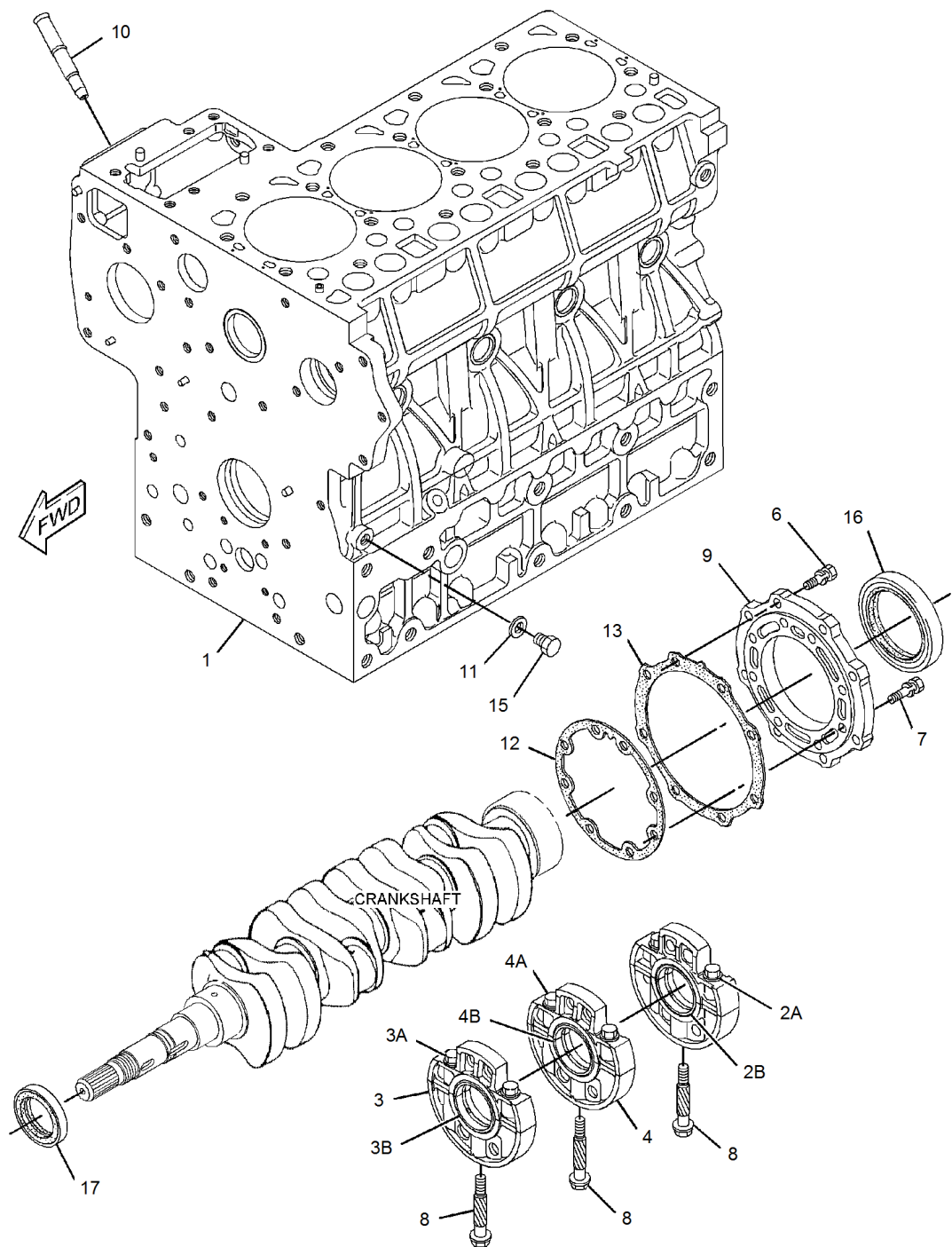


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 383-0260    | CAP         | 5   |      |            |
| 2    | 383-0261    | CAP         | 2   |      |            |
| 3    | 383-0358    | CAP         | 1   |      |            |
| 4    | 383-0218    | PIN         | 2   |      |            |
| 5    | 383-0219    | PIN         | 3   |      |            |
| 6    | 383-0220    | PIN         | 2   |      |            |
| 7    | 383-0221    | PIN         | 1   |      |            |
| 8    | 383-0272    | PIN         | 1   |      |            |
| 9    | 383-0229    | PLUG        | 1   |      |            |
| 10   | 383-0303    | PLUG        | 5   |      |            |
| 11   | 383-0304    | PLUG        | 2   |      |            |
| 12   | 383-0337    | PLUG        | 1   |      |            |
| 13   | 383-0385    | PLUG        | 3   |      |            |

386-4561 CYLINDER BLOCK GP

386-4561 CYLINDER BLOCK GP PART OF 380-1776, 380-1777, 392-4113, 416-6081 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description       | Qty | Code | Group page |
|------|-------------|-------------------|-----|------|------------|
| 1    | 386-6914    | CYLINDER BLOCK AS | 1   | Y    |            |
| 2    | 383-0432    | CASE AS           | 1   |      |            |
| 2A   | 383-0447    | BOLT              | 2   |      |            |
| 2B   | 383-0468    | BEARING           | 2   |      |            |

386-4561 CYLINDER BLOCK GP (continued)

| Ref. | Part number | Description                 | Qty | Code | Group page |
|------|-------------|-----------------------------|-----|------|------------|
|      | 383-0430    | BEARING (0.20-MM UNDERSIZE) | 2   |      |            |
|      | 383-0431    | BEARING (0.40-MM UNDERSIZE) | 2   |      |            |
| 3    | 383-0457    | CASE AS                     | 1   |      |            |
| 3A   | 383-0447    | BOLT                        | 2   |      |            |
| 3B   | 383-0468    | BEARING                     | 2   |      |            |
|      | 383-0430    | BEARING (0.20-MM UNDERSIZE) | 2   |      |            |
|      | 383-0431    | BEARING (0.40-MM UNDERSIZE) | 2   |      |            |
| 4    | 383-0458    | CASE AS                     | 1   |      |            |
| 4A   | 383-0447    | BOLT                        | 2   |      |            |
| 4B   | 383-0468    | BEARING                     | 2   |      |            |
|      | 383-0430    | BEARING (0.20-MM UNDERSIZE) | 2   |      |            |
|      | 383-0431    | BEARING (0.40-MM UNDERSIZE) | 2   |      |            |
| 6    | 383-0174    | BOLT                        | 8   |      |            |
| 7    | 383-0175    | BOLT                        | 8   |      |            |
| 8    | 383-0305    | BOLT                        | 3   |      |            |
| 9    | 383-0532    | COVER                       | 1   |      |            |
| 10   | 383-0386    | FITTING                     | 1   |      |            |
| 11   | 383-0256    | GASKET                      | 1   |      |            |
| 12   | 383-0446    | GASKET                      | 1   |      |            |
| 13   | 383-0451    | GASKET                      | 1   |      |            |
| 15   | 383-0557    | PLUG                        | 1   |      |            |
| 16   | 383-0347    | SEAL (REAR)                 | 1   |      |            |
| 17   | 383-0553    | SEAL (FRONT)                | 1   |      |            |

CAT codes: Y.

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