

# CATERPILLAR 320C FM

TBR / SEBP3811

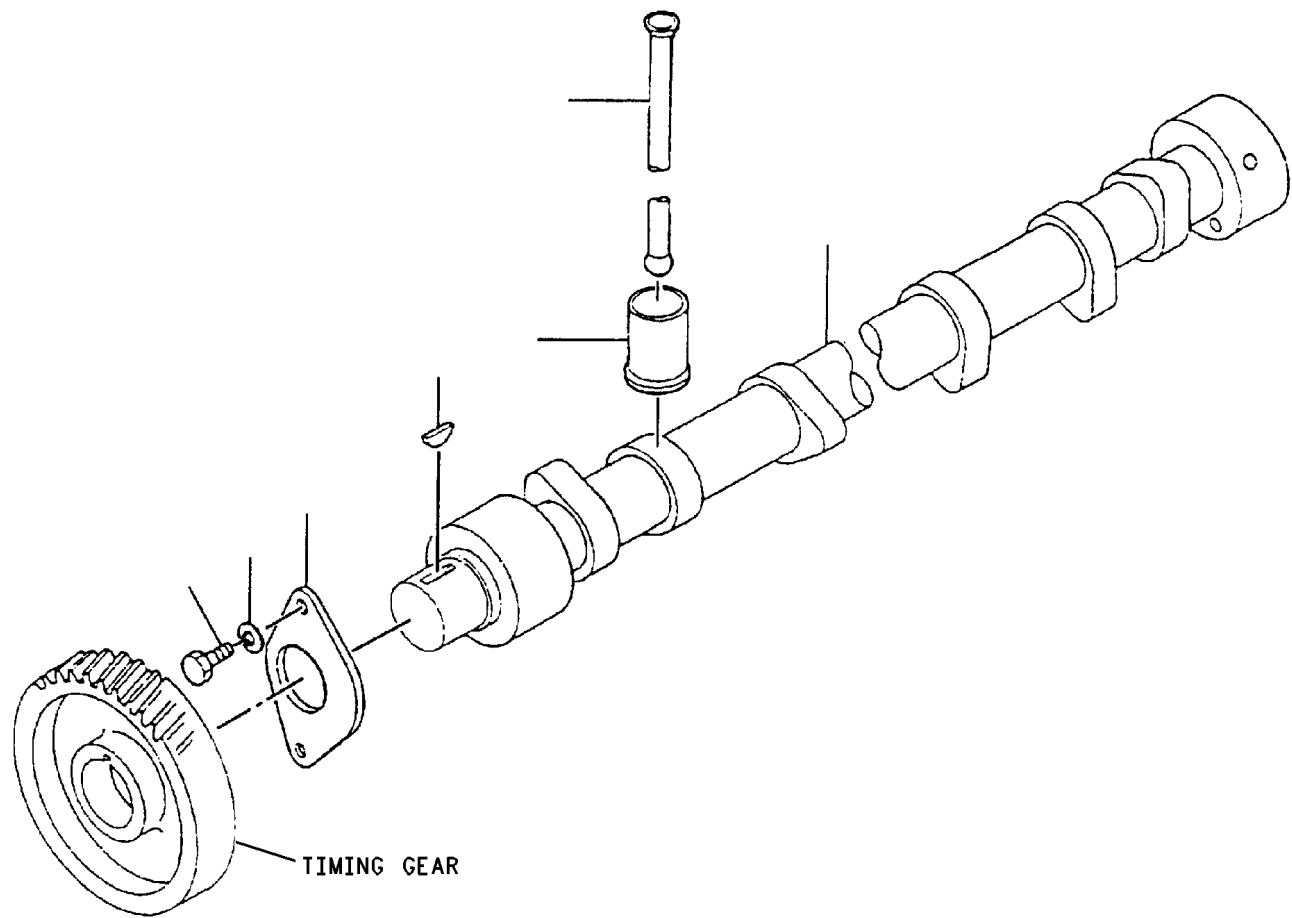
## Contents

| Section                      | Page |
|------------------------------|------|
| Basic engine                 | 2    |
| Lubrication system           |      |
| Cooling system               |      |
| Air inlet and exhaust        |      |
| Fuel system                  |      |
| Basic engine                 |      |
| Basic engine                 |      |
| Electrical and electronics   |      |
| Power train                  |      |
| Power train                  |      |
| Hydraulic system             |      |
| Hydraulic system             |      |
| Hydraulic system             |      |
| Labels, kits and diagnostics |      |
| Air inlet and exhaust        |      |
| Catalog items                |      |

178-6512 CAMSHAFT GP

178-6512 CAMSHAFT GP S/N MAE1-UP; 7JK59800-UP PART OF 222-8277, 287-0093 ENGINE AR, 305-4783 ENGINE AR-COMPLETE

Drawing 1 of 1



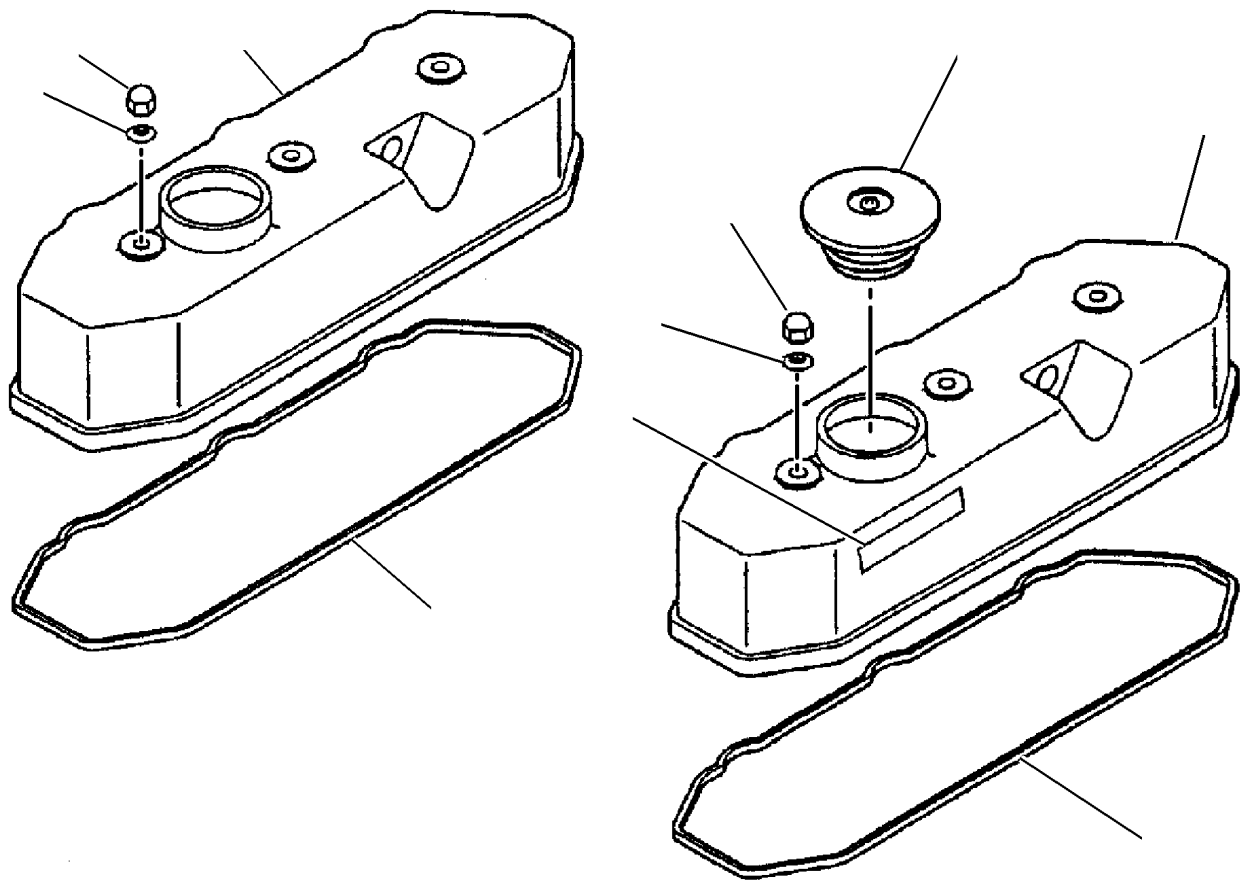
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 8T-4200     | BOLT (M8X1.25X16-MM) | 2   | M    |            |
| 2    | 3B-4505     | LOCKWASHER           | 2   |      |            |
| 3    | 5I-7650     | PLATE                | 1   |      |            |
| 4    | 094-4628    | KEY                  | 1   |      |            |
| 5    | 178-6535    | CAMSHAFT             | 1   |      |            |
| 6    | 279-7859    | TAPPET               | 12  |      |            |
| 7    | 5I-7723     | PUSHROD              | 12  |      |            |

CAT codes: M, R.

212-8545 COVER GP-VALVE MECHANISM

212-8545 COVER GP-VALVE MECHANISM S/N MAE1-UP; 7JK59800-UP PART OF 222-8277, 287-0093 ENGINE AR, 305-4783 ENGINE AR-COMPLETE

Drawing 1 of 1

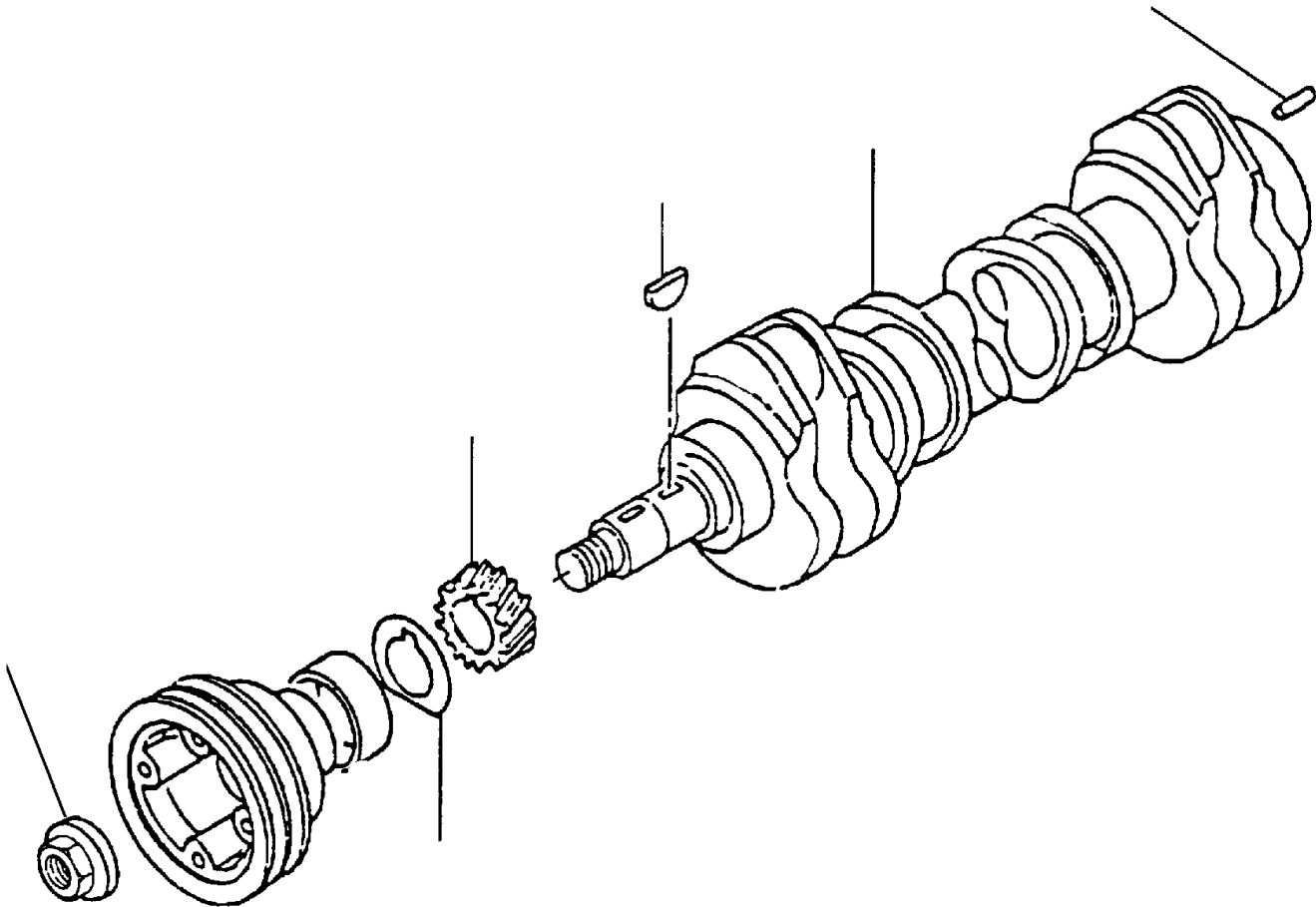


| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 5I-7626     | NUT                   | 6   |      |            |
| 2    | 176-4983    | GASKET                | 6   |      |            |
| 3    | 297-7662    | CAP (ENGINE OIL FILL) | 1   |      |            |
| 4    | 5I-8001     | COVER                 | 2   |      |            |
| 5    | 255-2993    | GASKET (VALVE COVER)  | 2   |      |            |
| 6    | 4P-6445     | PLATE-CAT             | 1   |      |            |

212-8549 CRANKSHAFT GP

212-8549 CRANKSHAFT GP S/N MAE1-UP; 7JK59800-UP PART OF 222-8277, 287-0093 ENGINE AR, 305-4783 ENGINE AR-COMPLETE

Drawing 1 of 1



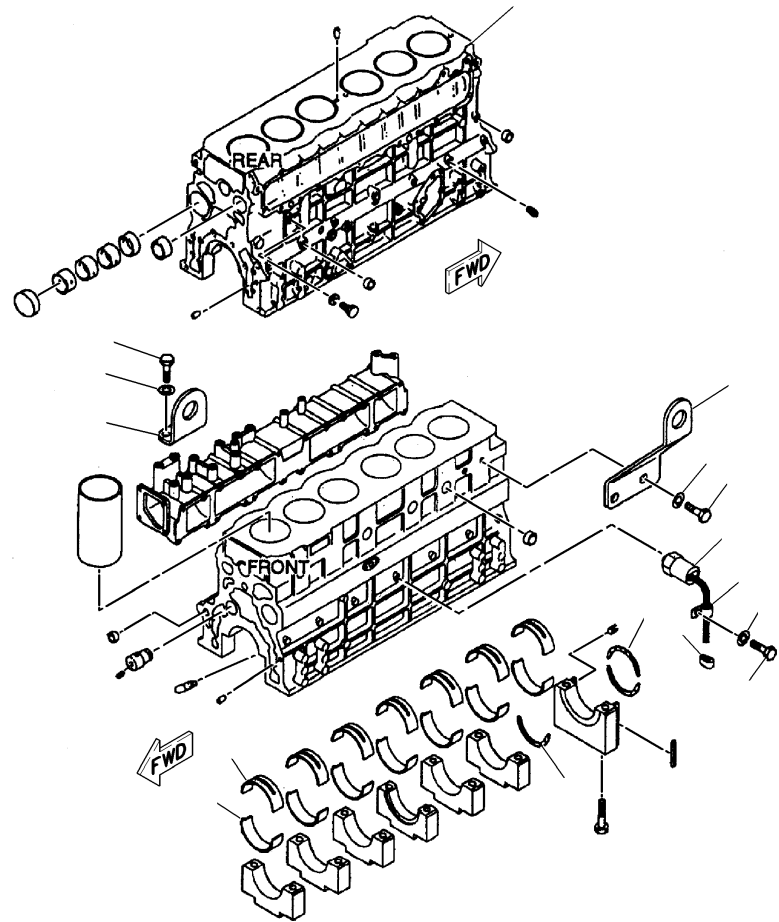
| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 1    | 233-1277    | PLATE         | 1   |      |            |
| 2    | 125-3005    | CRANKSHAFT GP | 1   |      |            |
| 3    | 5I-7674     | GEAR          | 1   |      |            |
| 4    | 085-9513    | PIN           | 2   |      |            |
| 5    | 094-4628    | KEY           | 2   |      |            |
| 6    | 130-7596    | NUT           | 1   |      |            |

CAT codes: R.

212-8546 CYLINDER BLOCK GP

212-8546 CYLINDER BLOCK GP S/N MAE1-UP; 7JK59800-UP PART OF 222-8277, 287-0093 ENGINE AR, 305-4783 ENGINE AR-COMPLETE

Drawing 1 of 1



| Ref. | Part number | Description                           | Qty | Code | Group page |
|------|-------------|---------------------------------------|-----|------|------------|
| 1    | 212-8566    | CYLINDER BLOCK GP                     | 1   | Y    |            |
| 2    | 212-8567    | EYE                                   | 1   |      |            |
| 3    | 5I-7603     | EYE                                   | 1   |      |            |
| 4    | 8T-4179     | BOLT (M12X1.75X20-MM)                 | 2   | M    |            |
| 5    | 096-2501    | LOCKWASHER                            | 2   |      |            |
| 6    | 5I-7588     | SET-BEARING (STANDARD)                | 7   |      |            |
|      | 5I-7784     | SET-BEARING (0.25-MM US)              |     | AB   |            |
|      | 5I-7785     | SET-BEARING (0.5-MM US)               |     | AB   |            |
|      | 5I-7786     | SET-BEARING (0.75-MM US)              |     | AB   |            |
| 7    | 5I-7654     | PLATE (STANDARD)                      | 3   |      |            |
|      | 5I-7787     | PLATE (0.15-MM OS)                    |     | AB   |            |
|      | 5I-7788     | PLATE (0.3-MM OS)                     |     | AB   |            |
|      | 5I-7789     | PLATE (0.45-MM OS)                    |     | AB   |            |
| 8    | 266-6210    | SWITCH-PRESSURE (ENGINE OIL PRESSURE) | 1   |      |            |

212-8546 CYLINDER BLOCK GP (continued)

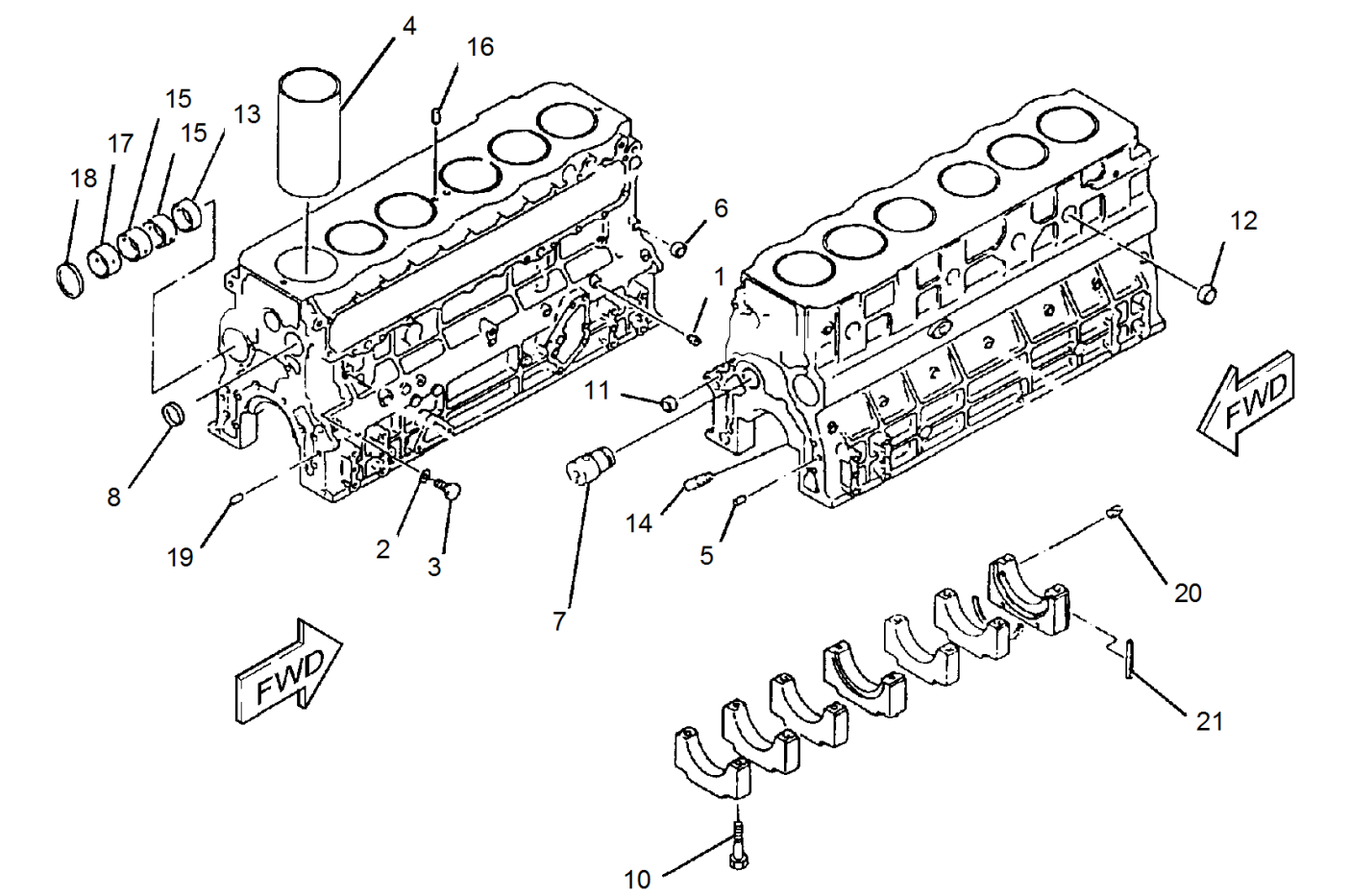
| Ref. | Part number | Description                       | Qty | Code | Group page |
|------|-------------|-----------------------------------|-----|------|------------|
| 9    | 4D-7794     | CLIP                              | 1   |      |            |
| 10   | 5I-7978     | SLEEVE                            | 1   |      |            |
| 11   | 7X-2536     | BOLT (M8X1.25X14-MM)              | 1   | M    |            |
| 12   | 3B-4505     | LOCKWASHER                        | 1   |      |            |
| 13   | 8T-4137     | BOLT (M10X1.5X20-MM)              | 2   | M    |            |
| 14   | 7X-0796     | LOCKWASHER (10.2X18.4X2.5-MM THK) | 2   |      |            |

CAT codes: A, B, M, Y.

212-8566 CYLINDER BLOCK GP

212-8566 CYLINDER BLOCK GP S/N MAE1-UP; 7JK59800-UP PART OF 212-8546 CYLINDER BLOCK GP

Drawing 1 of 1



| Ref. | Part number | Description                     | Qty | Code | Group page |
|------|-------------|---------------------------------|-----|------|------------|
| 1    | 5I-7505     | PLUG                            | 9   |      |            |
| 2    | 095-2039    | WASHER-SPECIAL                  | 1   |      |            |
| 3    | 8T-4191     | BOLT (M10X1.5X16-MM)            | 1   | M    |            |
| 4    | 551-1828    | SLEEVE                          | 6   |      |            |
| 5    | 5I-7724     | PIN                             | 2   |      |            |
| 6    | 095-2005    | CAP                             | 2   |      |            |
| 7    | 222-8201    | SHAFT                           | 1   |      |            |
| 8    | 095-2011    | CAP                             | 1   |      |            |
| 10   | 094-7741    | BOLT-BEARING CAP (M14X2X120-MM) | 14  | M    |            |
| 11   | 096-3741    | CAP                             | 5   |      |            |
| 12   | 3P-1896     | PLUG-CUP (35.31-MM OD)          | 6   |      |            |
| 13   | 5I-8009     | BUSHING                         | 1   |      |            |
| 14   | 5I-7526     | VALVE (COOLING JET)             | 12  |      |            |
| 15   | 5I-7528     | BUSHING                         | 2   |      |            |
| 16   | 4I-9664     | PIN                             | 4   |      |            |

212-8566 CYLINDER BLOCK GP (continued)

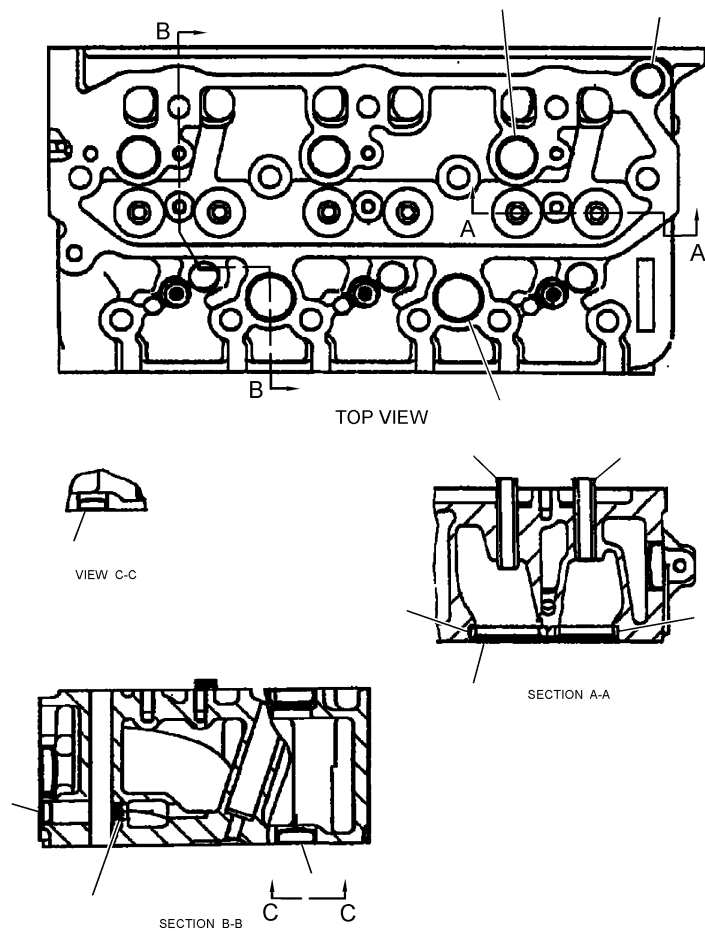
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 17   | 5I-7529     | BUSHING     | 1   |      |            |
| 18   | 5I-7525     | PLUG        | 1   |      |            |
| 19   | 099-4420    | PIN         | 2   |      |            |
| 20   | 6V-8236     | PIN-SPRING  | 6   |      |            |
| 21   | 5I-7524     | SEAL        | 2   |      |            |

CAT codes: M.

310-9634 CYLINDER HEAD AS

310-9634 CYLINDER HEAD AS S/N MAE1-UP; 7JK59800-UP PART OF 212-8543 CYLINDER HEAD GP

Drawing 1 of 1

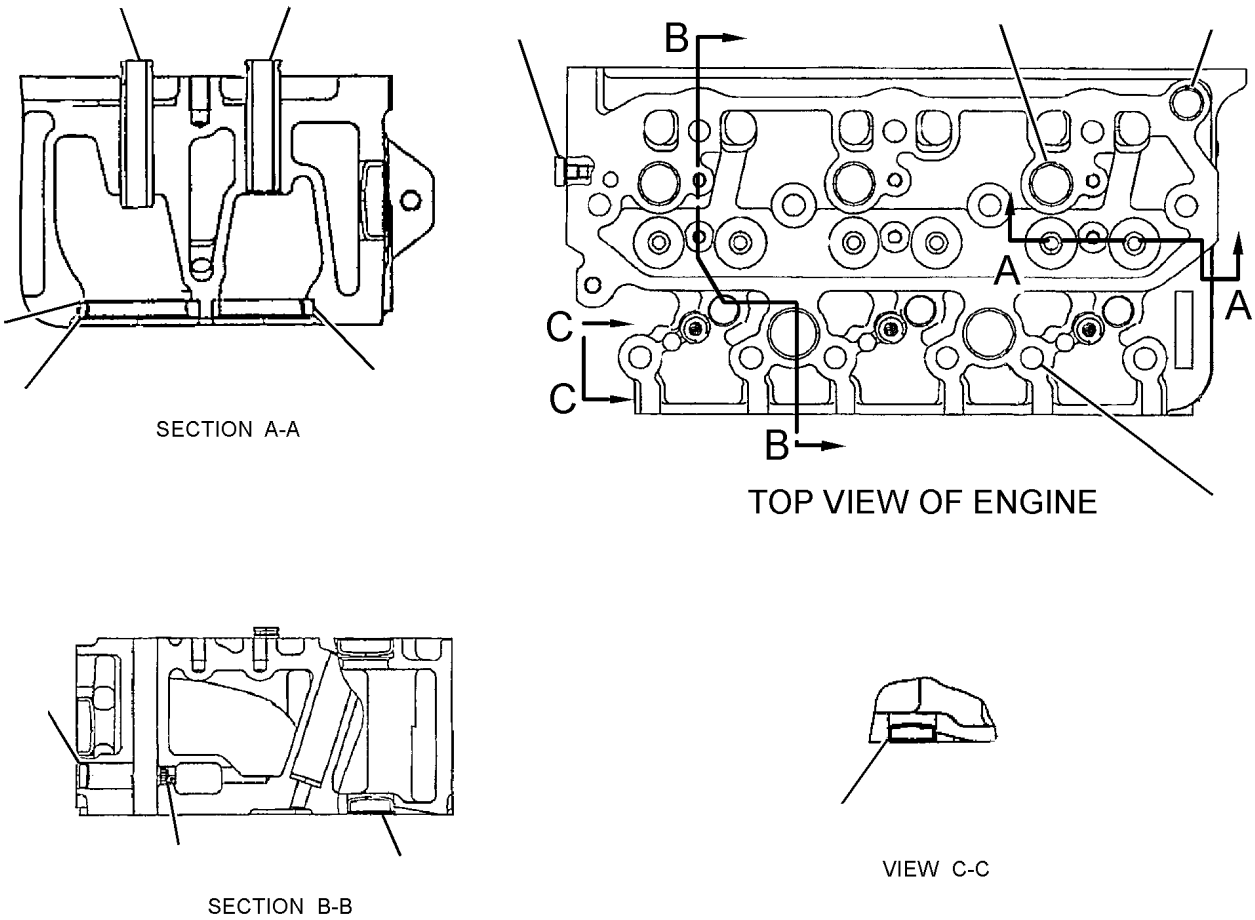


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 212-8475    | CAP         | 3   |      |            |
| 2    | 199-2128    | CAP         | 1   |      |            |
| 3    | 5I-4915     | CAP         | 8   |      |            |
| 4    | 5I-7583     | CAP         | 2   |      |            |
| 5    | 212-8476    | CAP         | 2   |      |            |
| 6    | 5I-7505     | PLUG        | 3   |      |            |
| 7    | 099-4388    | CAP         | 3   |      |            |
| 8    | 212-8474    | INSERT      | 3   |      |            |
| 9    | 212-8473    | PLATE       | 3   |      |            |
| 10   | 183-8172    | GUIDE       | 3   |      |            |
| 11   | 183-8173    | GUIDE       | 3   |      |            |
| 12   | 5I-8012     | INSERT      | 3   |      |            |

310-9635 CYLINDER HEAD AS

310-9635 CYLINDER HEAD AS S/N MAE1-UP; 7JK59800-UP PART OF 212-8543 CYLINDER HEAD GP

Drawing 1 of 1



| Ref. | Part number | Description                | Qty | Code | Group page |
|------|-------------|----------------------------|-----|------|------------|
| 1    | 5I-5591     | PLUG-DRAIN                 | 1   |      |            |
| 2    | 095-2038    | WASHER (7.8X13.5X2-MM THK) | 1   |      |            |
| 3    | 212-8475    | CAP                        | 3   |      |            |
| 4    | 199-2128    | CAP                        | 1   |      |            |
| 5    | 5I-4915     | CAP                        | 8   |      |            |
| 6    | 5I-7583     | CAP                        | 2   |      |            |
| 7    | 212-8476    | CAP                        | 2   |      |            |
| 8    | 5I-7505     | PLUG                       | 3   |      |            |
| 9    | 099-4388    | CAP                        | 3   |      |            |
| 10   | 212-8474    | INSERT                     | 3   |      |            |
| 11   | 212-8473    | PLATE                      | 3   |      |            |
| 12   | 183-8172    | GUIDE                      | 3   |      |            |
| 13   | 183-8173    | GUIDE                      | 3   |      |            |
| 14   | 5I-8012     | INSERT                     | 3   |      |            |

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