

# CATERPILLAR 854K

H9K / SEBP5774

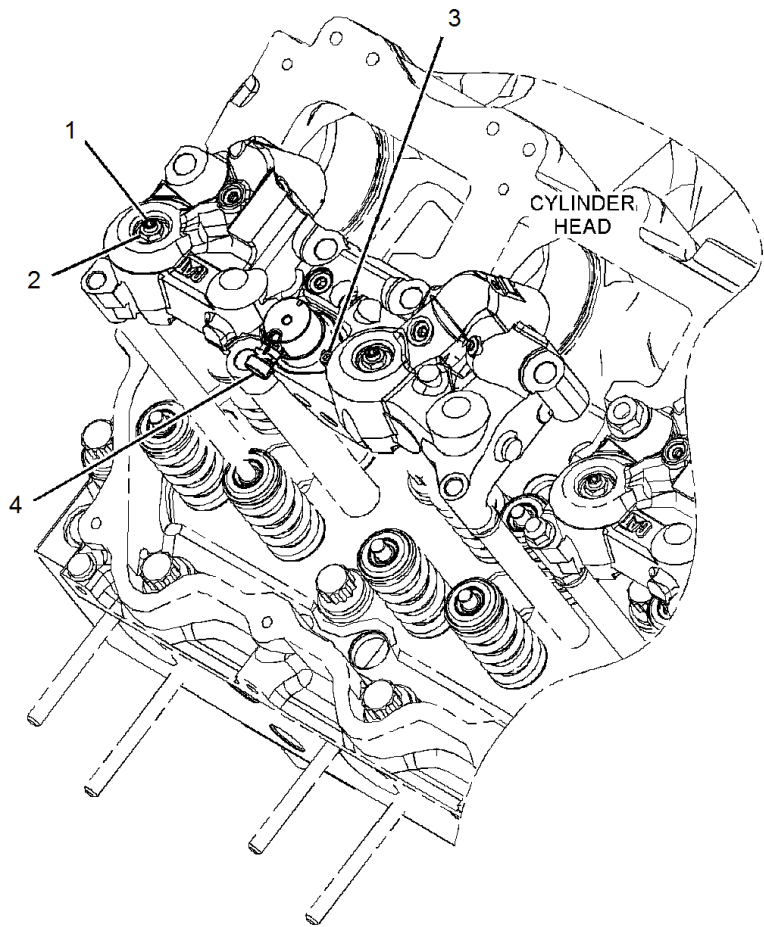
## Contents

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

377-8599 ACTUATOR AS-VALVE

377-8599 ACTUATOR AS-VALVE S/N MZM1-UP 24-VOLT. CAT BRAKE PART OF 379-3929 ACTUATOR GP-VALVE

Drawing 1 of 1

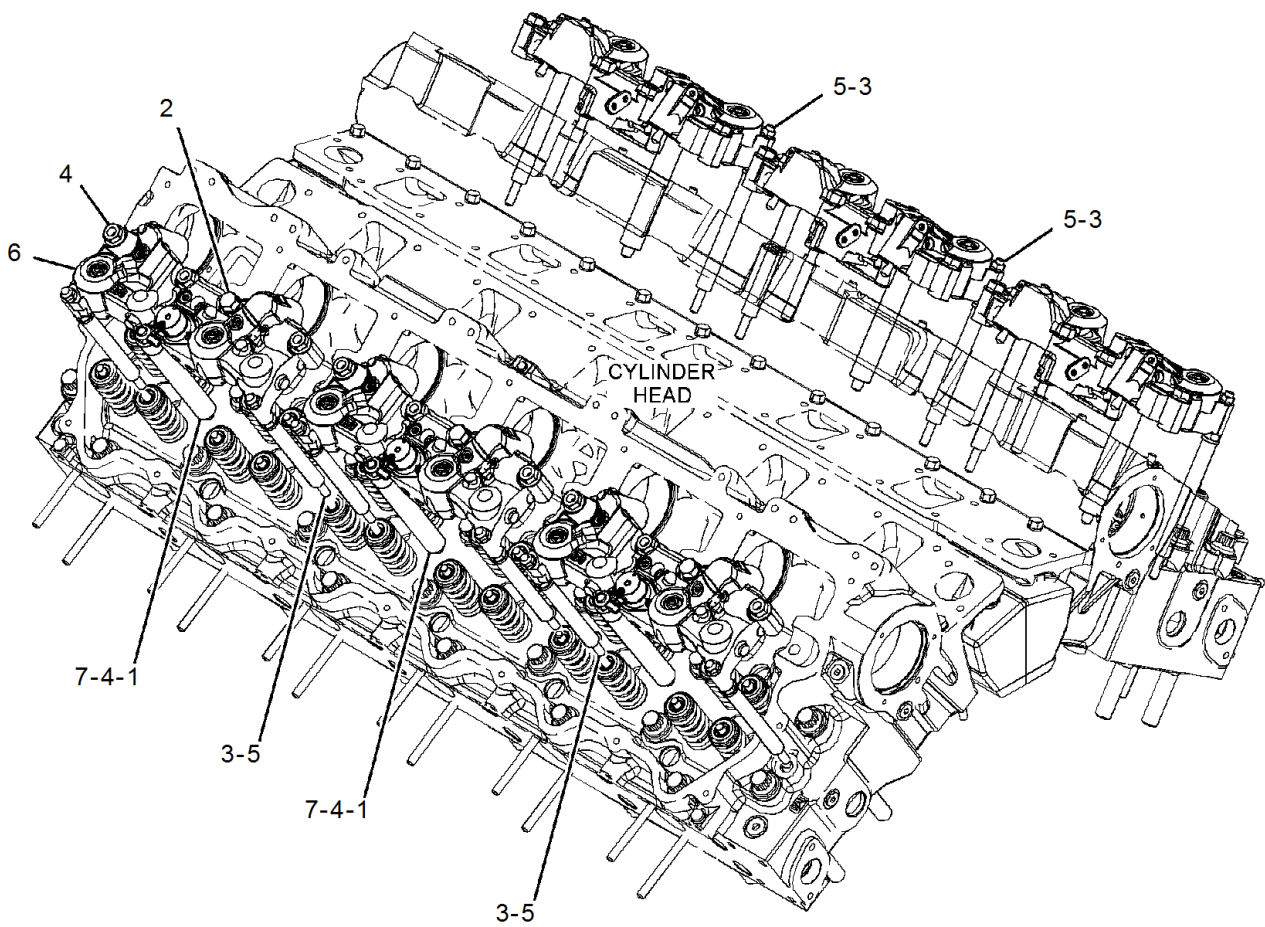


| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 230-9446    | SCREW-ADJUSTMENT      | 2   |      |            |
| 2    | 230-9447    | NUT-JAM (5/16-24-THD) | 2   |      |            |
| 3    | 236-5958    | BOLT (M5X0.8X10-MM)   | 2   |      |            |
| 4    | 250-9378    | VALVE AS-BRAKE        | 1   |      |            |

379-3929 ACTUATOR GP-VALVE

379-3929 ACTUATOR GP-VALVE S/N MZM1-UP PART OF 418-2018 ENGINE AR-CORE

Drawing 1 of 1



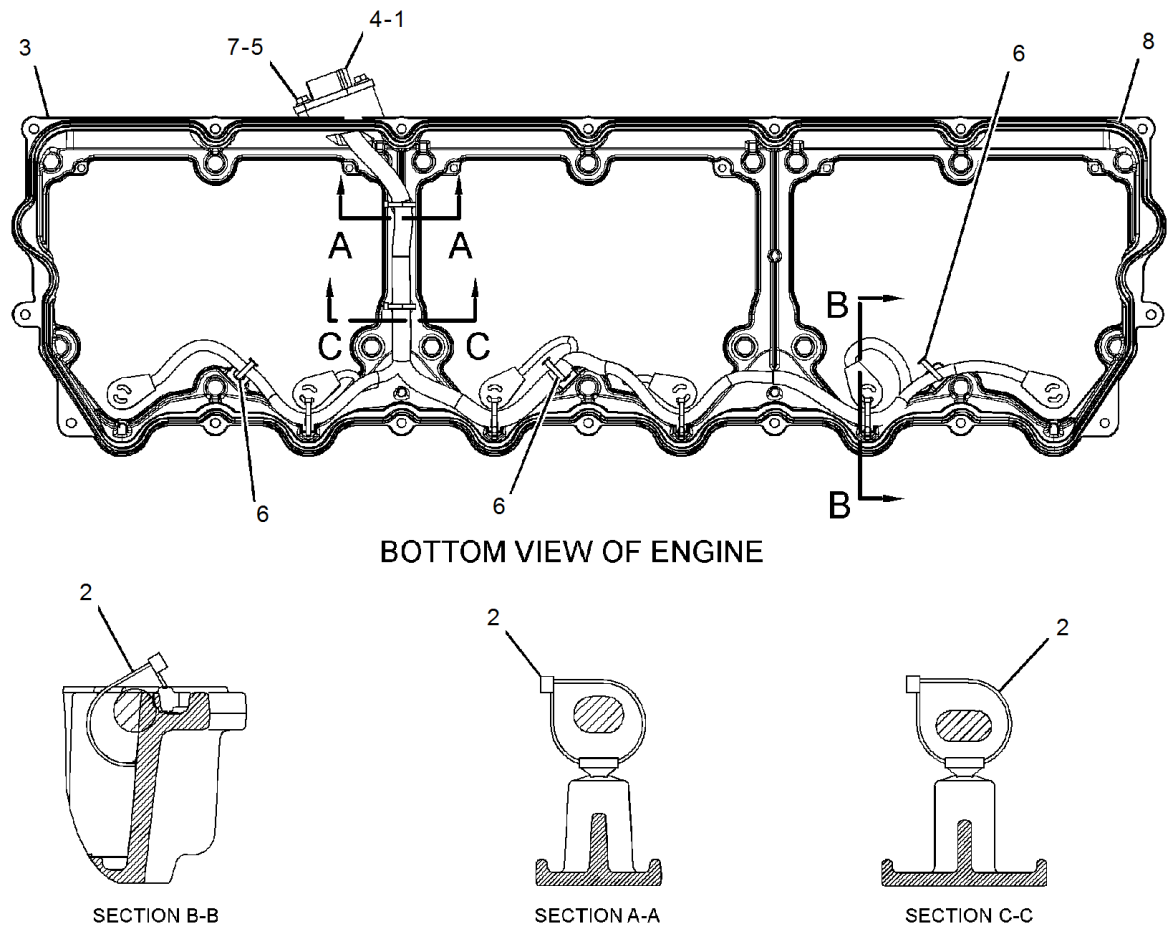
| Ref. | Part number | Description                              | Qty | Code | Group page |
|------|-------------|------------------------------------------|-----|------|------------|
| 1    | 234-9505    | SUPPORT                                  | 6   |      |            |
| 2    | 234-9508    | BOLT (1/2-13X5.65-IN)                    | 6   |      |            |
| 3    | 235-1088    | NUT (3/8-16-THD)                         | 12  |      |            |
| 4    | 235-1089    | NUT-FLANGE (1/2-13-THD)                  | 24  |      |            |
| 5    | 282-3731    | SPACER AS                                | 12  |      |            |
| 6    | 377-8599    | ACTUATOR AS-VALVE                        | 6   | Y    |            |
| 7    | 8T-7062     | STUD-TAPERLOCK (1/2-13X55, 1/2-13X21-MM) | 6   |      |            |

CAT codes: R, Y.

226-4927 BASE GP-VALVE COVER & INJ HARN

226-4927 BASE GP-VALVE COVER & INJ HARN S/N MZM1-UP PART OF 395-3227 BASE GP-VALVE COVER & INJ HARN Type 1

Drawing 1 of 1



| Ref.                                         | Part number | Description                       | Qty | Code | Group page |
|----------------------------------------------|-------------|-----------------------------------|-----|------|------------|
| 1                                            | 6V-0128     | SEAL-CONNECTOR                    | 1   |      |            |
| 2                                            | 326-4512    | MOUNTING-CABLE TIE                | 6   |      |            |
| 3                                            | 222-6953    | BASE-VALVE MECHANISM COVER        | 1   |      |            |
| 4                                            | 285-6647    | HARNESS AS-ENGINE (UNIT INJECTOR) | 1   | C    |            |
|                                              | 102-8801    | KIT-RECEPTACLE (12-PIN)           | 1   |      |            |
| (INCLUDES RECPTACLE AS & WEDGE)              |             |                                   |     |      |            |
|                                              | 103-8134    | KIT-RECEPTACLE (12-PIN)           | 1   |      |            |
| (INCLUDES RECEPTACLE AS & WEDGE)             |             |                                   |     |      |            |
|                                              | 8T-8737     | PLUG-SEAL                         | 3   |      |            |
|                                              | 9X-3401     | PIN-CONNECTOR (16-GA TO 18-GA)    | 9   |      |            |
| OR alternate consist option CAT source: -OR- |             |                                   |     |      |            |
|                                              | 126-1767    | PIN-CONNECTOR (14-GA TO 16-GA)    | 9   |      |            |
| 5                                            | 8T-4205     | WASHER-HARD (7.2X14.5X2-MM THK)   | 2   |      |            |

226-4927 BASE GP-VALVE COVER & INJ HARN (continued)

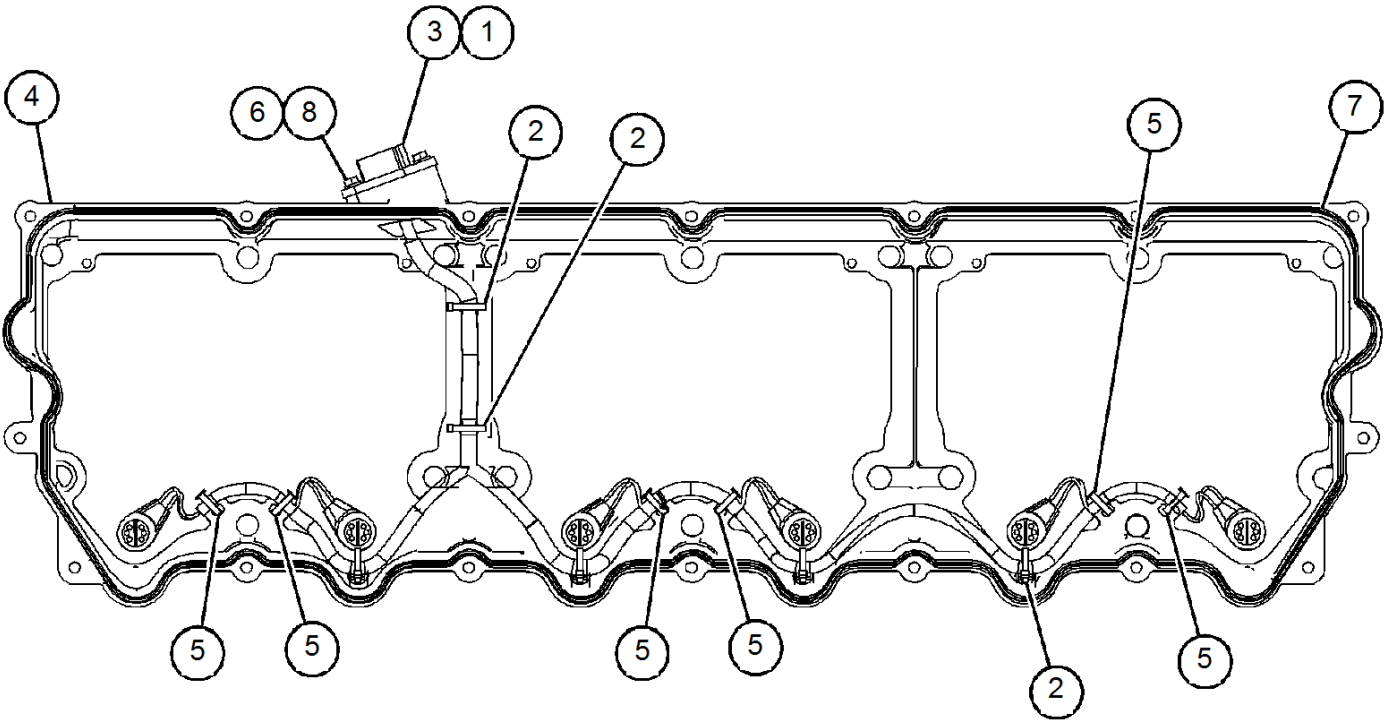
| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 6    | 123-3202    | STRAP-CABLE             | 3   |      |            |
| 7    | 1H-3337     | BOLT (1/4-20X0.875-IN)  | 2   |      |            |
| 8    | 222-6456    | SEAL (VALVE COVER BASE) | 1   |      |            |

CAT codes: C.

226-4927 BASE GP-VALVE COVER & INJ HARN

226-4927 BASE GP-VALVE COVER & INJ HARN S/N MZM1-UP PART OF 395-3227 BASE GP-VALVE COVER & INJ HARN  
Type 2

Drawing 1 of 1



BOTTOM VIEW OF ENGINE

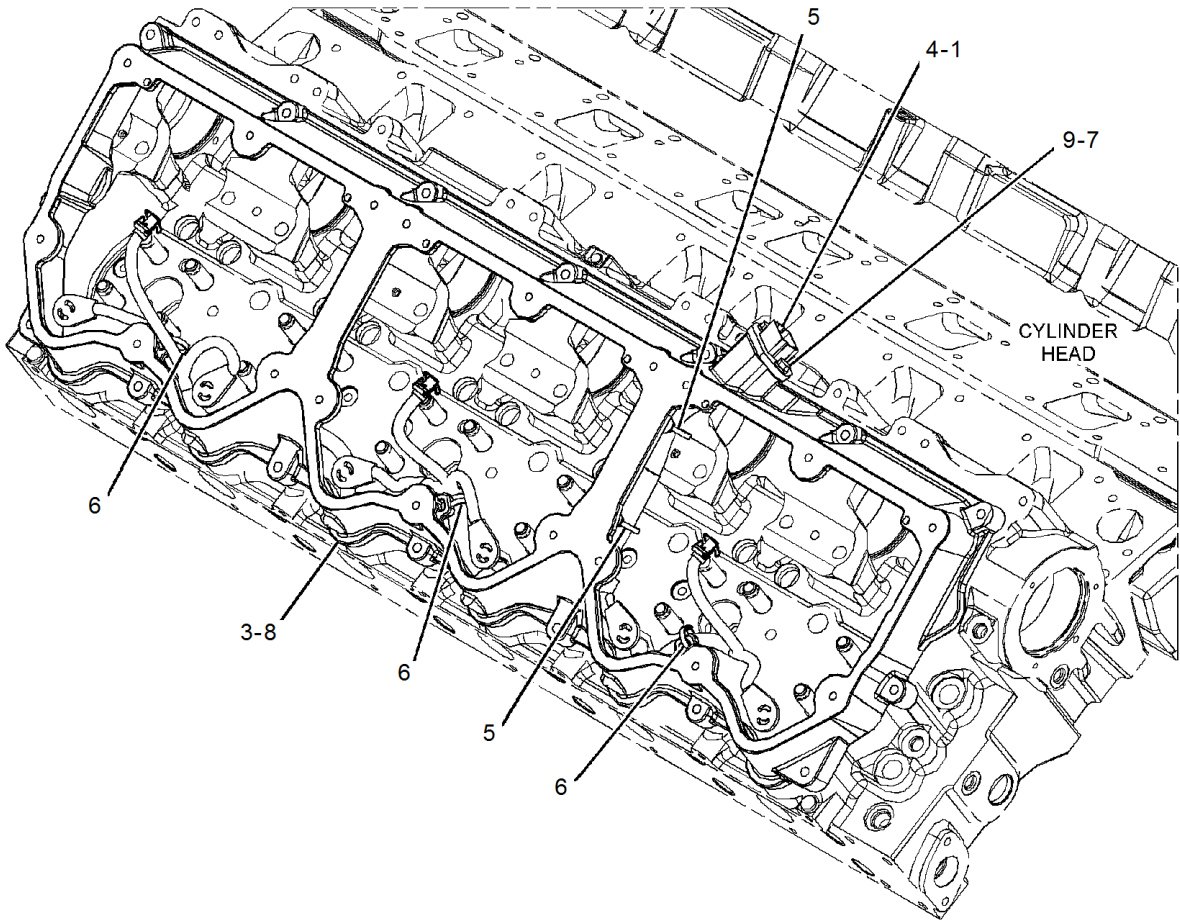
| Ref. | Part number | Description                       | Qty . | Code | Group page |
|------|-------------|-----------------------------------|-------|------|------------|
| 1    | 6V-0128     | SEAL-CONNECTOR                    | 1     |      |            |
| 2    | 326-4512    | MOUNTING-CABLE TIE                | 6     |      |            |
| 3    | 435-8538    | HARNESS AS-ENGINE (UNIT INJECTOR) | 1     | CY   |            |
| 4    | 442-5727    | BASE-VALVE COVER                  | 1     |      |            |
| 5    | 123-3202    | STRAP-CABLE                       | 6     |      |            |
| 6    | 1H-3337     | BOLT (1/4-20X0.875-IN)            | 2     |      |            |
| 7    | 222-6456    | SEAL (VALVE COVER BASE)           | 1     |      |            |
| 8    | 8T-4205     | WASHER-HARD (7.2X14.5X2-MM THK)   | 2     |      |            |

CAT codes: C, Y.

249-8716 BASE GP-VALVE COVER & INJ HARN

249-8716 BASE GP-VALVE COVER & INJ HARN S/N MZM1-UP PART OF 387-5515 BASE GP-VALVE COVER & INJ HARN  
Type 1

Drawing 1 of 1

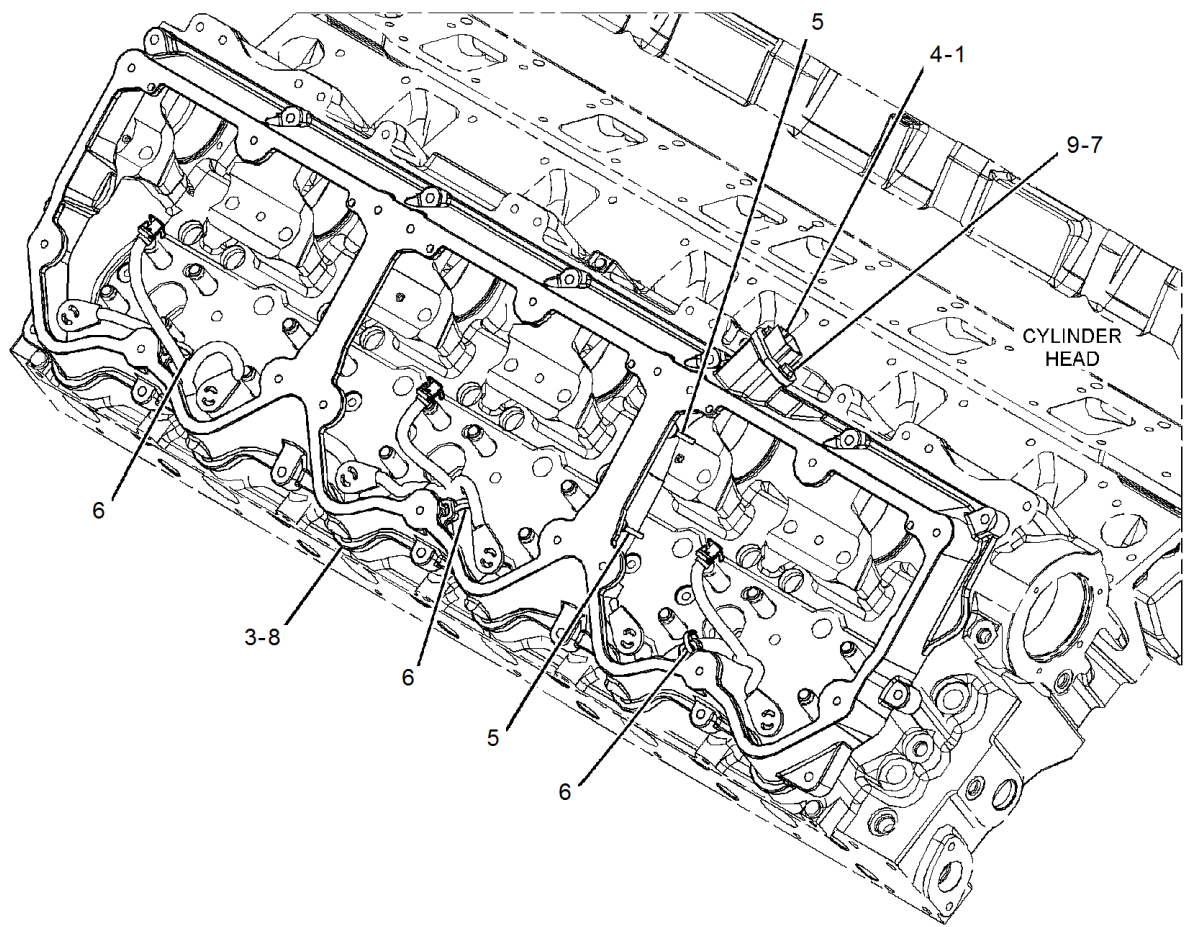


| Ref.                                         | Part number | Description                     | Qty | Code | Group page |
|----------------------------------------------|-------------|---------------------------------|-----|------|------------|
| 1                                            | 6V-0128     | SEAL-CONNECTOR                  | 1   |      |            |
| 3                                            | 222-6953    | BASE-VALVE MECHANISM COVER      | 1   |      |            |
| 4                                            | 292-9253    | HARNESS AS-ENGINE               | 1   |      |            |
|                                              | 9X-3401     | PIN-CONNECTOR (16-GA TO 18-GA)  | 12  |      |            |
| OR alternate consist option CAT source: -OR- |             |                                 |     |      |            |
|                                              | 126-1767    | PIN-CONNECTOR (14-GA TO 16-GA)  | 12  |      |            |
|                                              | 103-8134    | KIT-RECEPTACLE (12-PIN)         | 1   |      |            |
| (INCLUDES RECEPTACLE AS & WEDGE)             |             |                                 |     |      |            |
| 5                                            | 326-4512    | MOUNTING-CABLE TIE              | 6   |      |            |
| 6                                            | 123-3202    | STRAP-CABLE                     | 3   |      |            |
| 7                                            | 1H-3337     | BOLT (1/4-20X0.875-IN)          | 2   |      |            |
| 8                                            | 222-6456    | SEAL (VALVE COVER BASE)         | 1   |      |            |
| 9                                            | 8T-4205     | WASHER-HARD (7.2X14.5X2-MM THK) | 2   |      |            |

249-8716 BASE GP-VALVE COVER & INJ HARN

249-8716 BASE GP-VALVE COVER & INJ HARN S/N MZM1-UP PART OF 387-5515 BASE GP-VALVE COVER & INJ HARN  
Type 2

Drawing 1 of 1



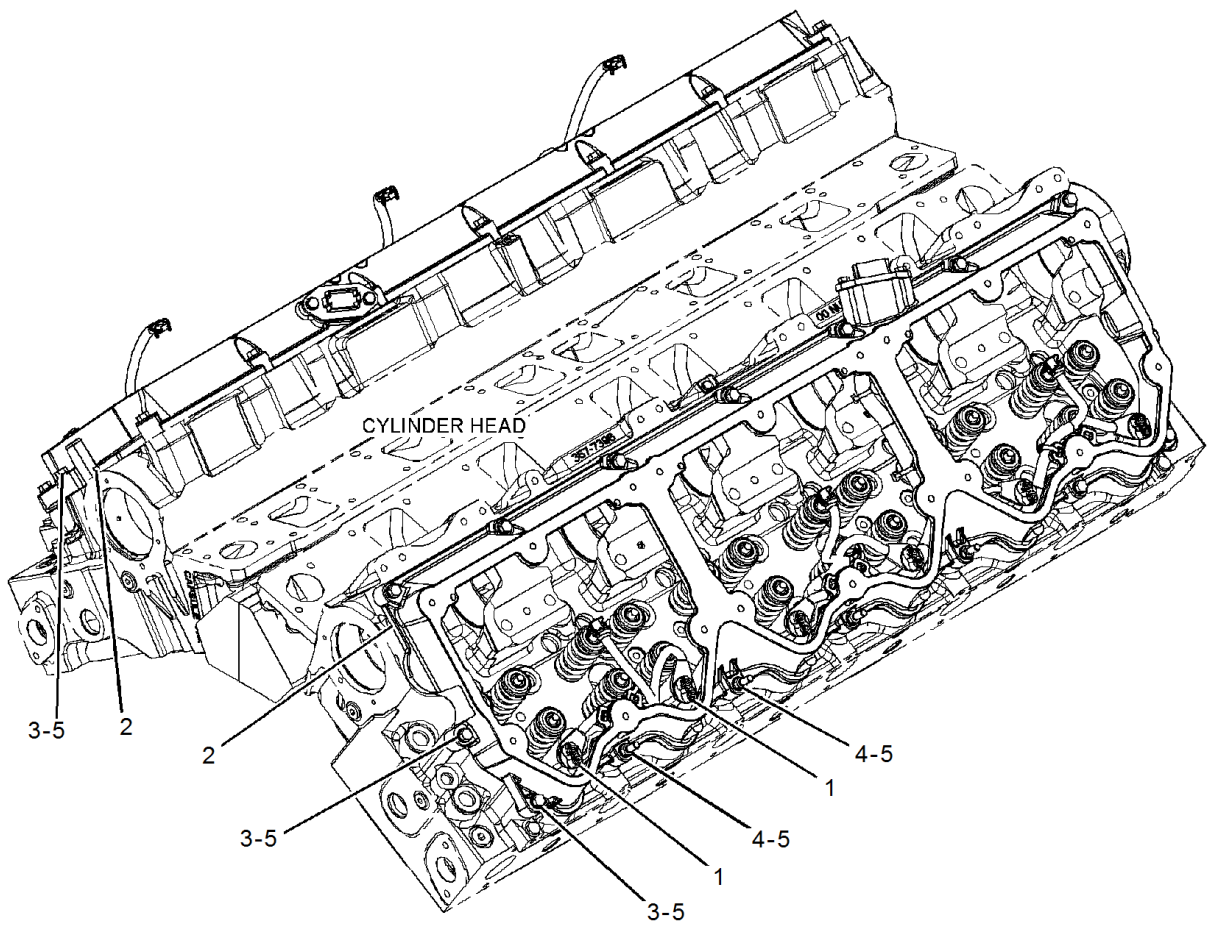
| Ref. | Part number | Description                     | Qty | Code | Group page |
|------|-------------|---------------------------------|-----|------|------------|
| 1    | 6V-0128     | SEAL-CONNECTOR                  | 1   |      |            |
| 3    | 442-5727    | BASE-VALVE COVER                | 1   | C    |            |
| 4    | 435-8537    | HARNESS AS-ENGINE               | 1   | CY   |            |
| 5    | 326-4512    | MOUNTING-CABLE TIE              | 6   |      |            |
| 6    | 123-3202    | STRAP-CABLE                     | 6   | C    |            |
| 7    | 1H-3337     | BOLT (1/4-20X0.875-IN)          | 2   |      |            |
| 8    | 222-6456    | SEAL (VALVE COVER BASE)         | 1   |      |            |
| 9    | 8T-4205     | WASHER-HARD (7.2X14.5X2-MM THK) | 2   |      |            |

CAT codes: C, Y.

387-5515 BASE GP-VALVE COVER & INJ HARN

387-5515 BASE GP-VALVE COVER & INJ HARN S/N MZM1-UP PART OF 418-2018 ENGINE AR-CORE

Drawing 1 of 1



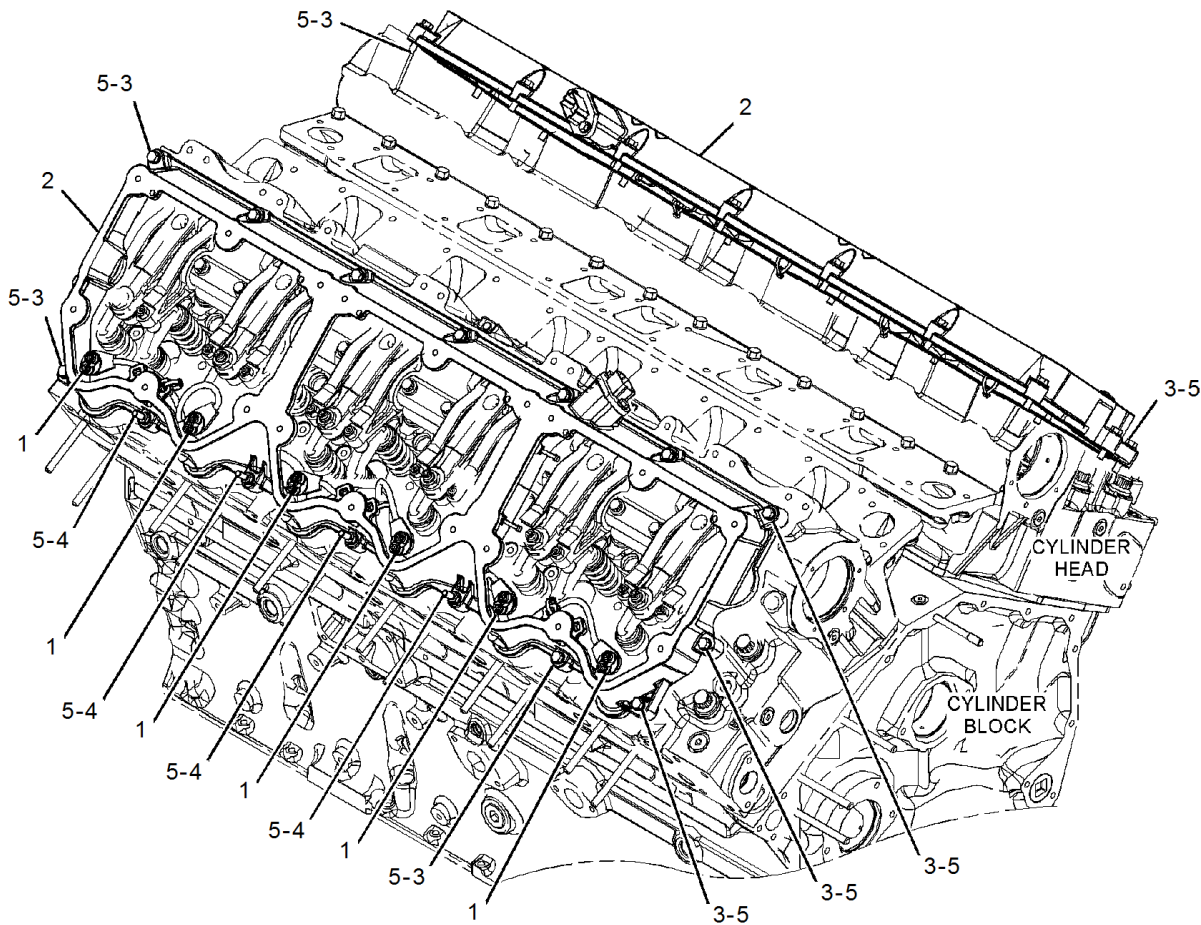
| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 1    | 7E-6508     | CAP AS                         | 12  |      |            |
| 2    | 249-8716    | BASE GP-VALVE COVER & INJ HARN | 2   | Y    |            |
| 3    | 1A-9579     | BOLT (5/16-18X1.5-IN)          | 24  |      |            |
| 4    | 237-3759    | STUD (5/16-18X2.36-IN)         | 8   |      |            |
| 5    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)  | 32  |      |            |

CAT codes: Y.

395-3227 BASE GP-VALVE COVER & INJ HARN

395-3227 BASE GP-VALVE COVER & INJ HARN S/N MZM1-UP PART OF 418-2020 ENGINE AR-CORE FOR USE WITH COMPRESSION BRAKES

Drawing 1 of 1



| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 1    | 7E-6508     | CAP AS                         | 12  |      |            |
| 2    | 226-4927    | BASE GP-VALVE COVER & INJ HARN | 2   | Y    |            |
| 3    | 1A-9579     | BOLT (5/16-18X1.5-IN)          | 24  |      |            |
| 4    | 237-3759    | STUD (5/16-18X2.36-IN)         | 8   |      |            |
| 5    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)  | 32  |      |            |

CAT codes: Y.

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

H9K-SEBP5774

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**