

# CATERPILLAR 621E

6AB / SEBP4385

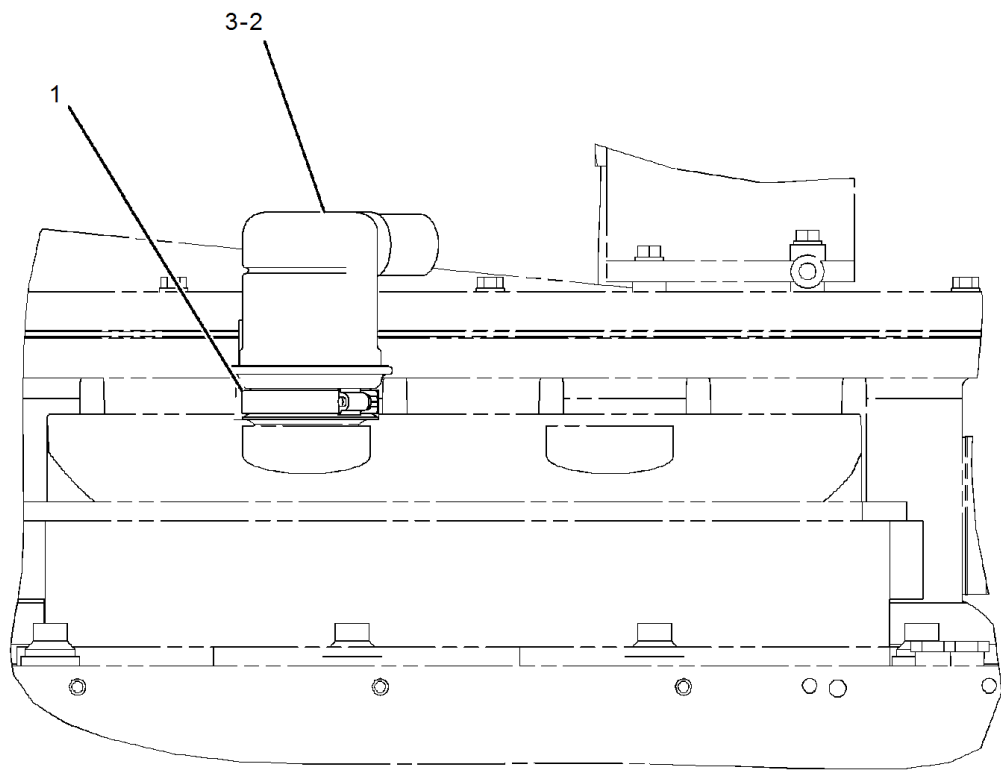
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| Fuel system                    |      |
| Electrical and electronics     |      |
| Electrical and electronics     |      |
| Basic engine                   |      |
| Basic engine                   |      |
| Air inlet and exhaust          |      |

358-1232 BREATHER GP

358-1232 BREATHER GP S/N TXC1-UP; 41Z27219-UP

Drawing 1 of 1



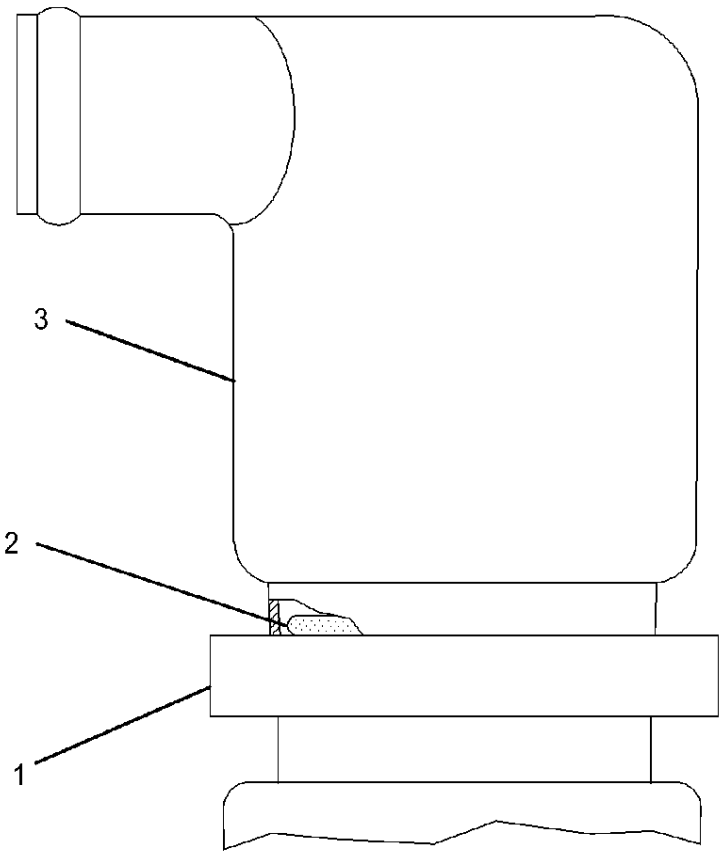
RIGHT SIDE VIEW OF ENGINE

| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 1    | 2N-8109     | CLAMP                   | 1   |      |            |
| 2    | 4N-4668     | BREATHER AS (CRANKCASE) | 1   |      |            |
| 3    | 6V-3831     | SEAL-O-RING             | 1   |      |            |

9Y-2989 BREATHER GP -CRANKCASE

9Y-2989 BREATHER GP -CRANKCASE S/N 41Z1-UP FOR USE WITH OPEN FUMES DISPOSAL

Drawing 1 of 1

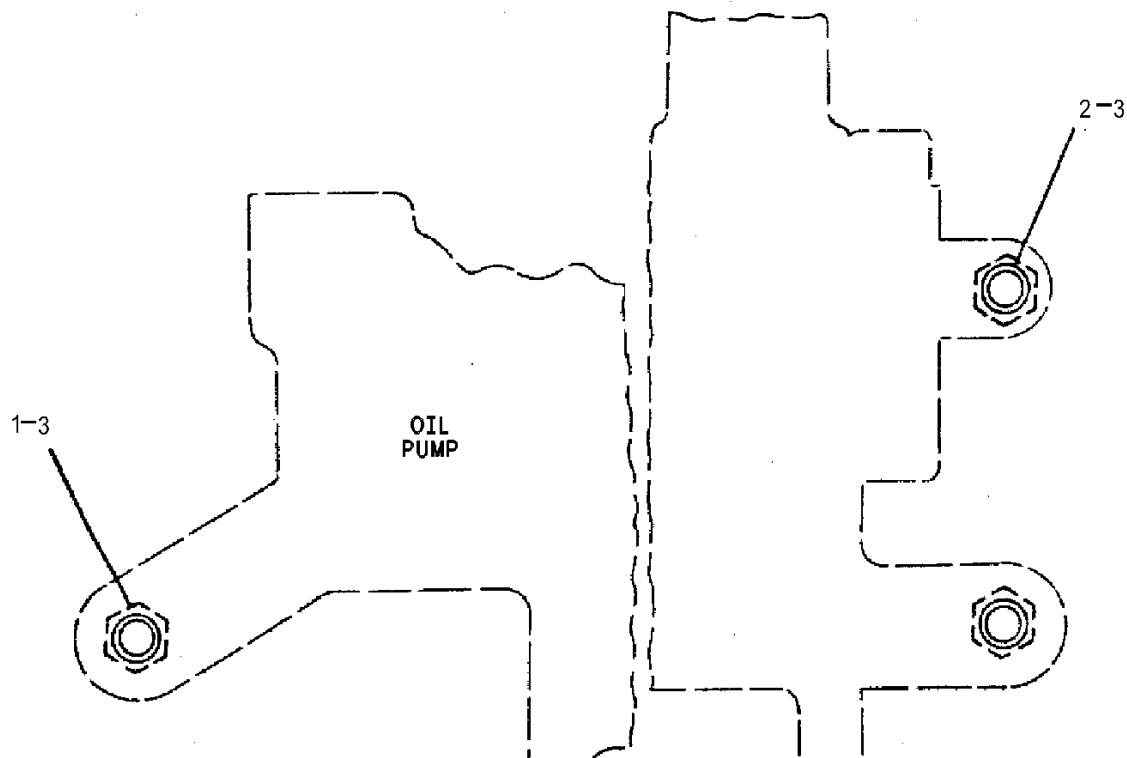


| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 1    | 2N-8109     | CLAMP                   | 1   |      |            |
| 2    | 6V-3831     | SEAL-O-RING             | 1   |      |            |
| 3    | 4N-4668     | BREATHER AS (CRANKCASE) | 1   |      |            |

4N-2481 FASTENER GP-OIL PUMP MOUNTING -ENGINE

4N-2481 FASTENER GP-OIL PUMP MOUNTING -ENGINE S/N TXC1-UP; 41Z1-UP

Drawing 1 of 1

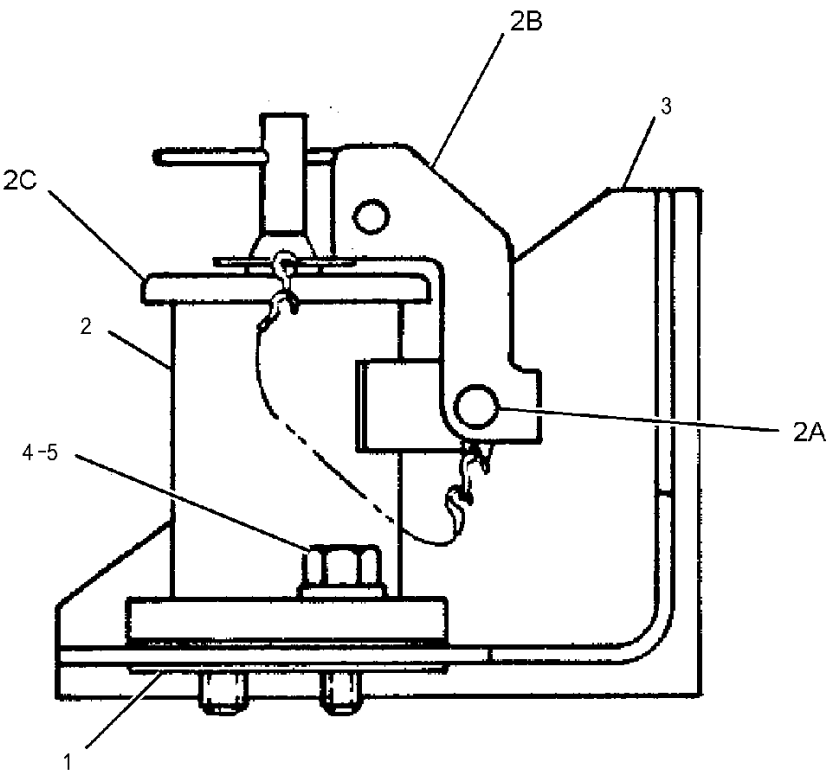


| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 0L-1143     | BOLT (3/8-16X2.5-IN)               | 2   |      |            |
| 2    | 0S-1590     | BOLT (3/8-16X2-IN)                 | 1   |      |            |
| 3    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 3   |      |            |

2W-9787 FILLER GP-ENGINE OIL

2W-9787 FILLER GP-ENGINE OIL S/N TXC1-UP; 41Z1-UP

Drawing 1 of 1



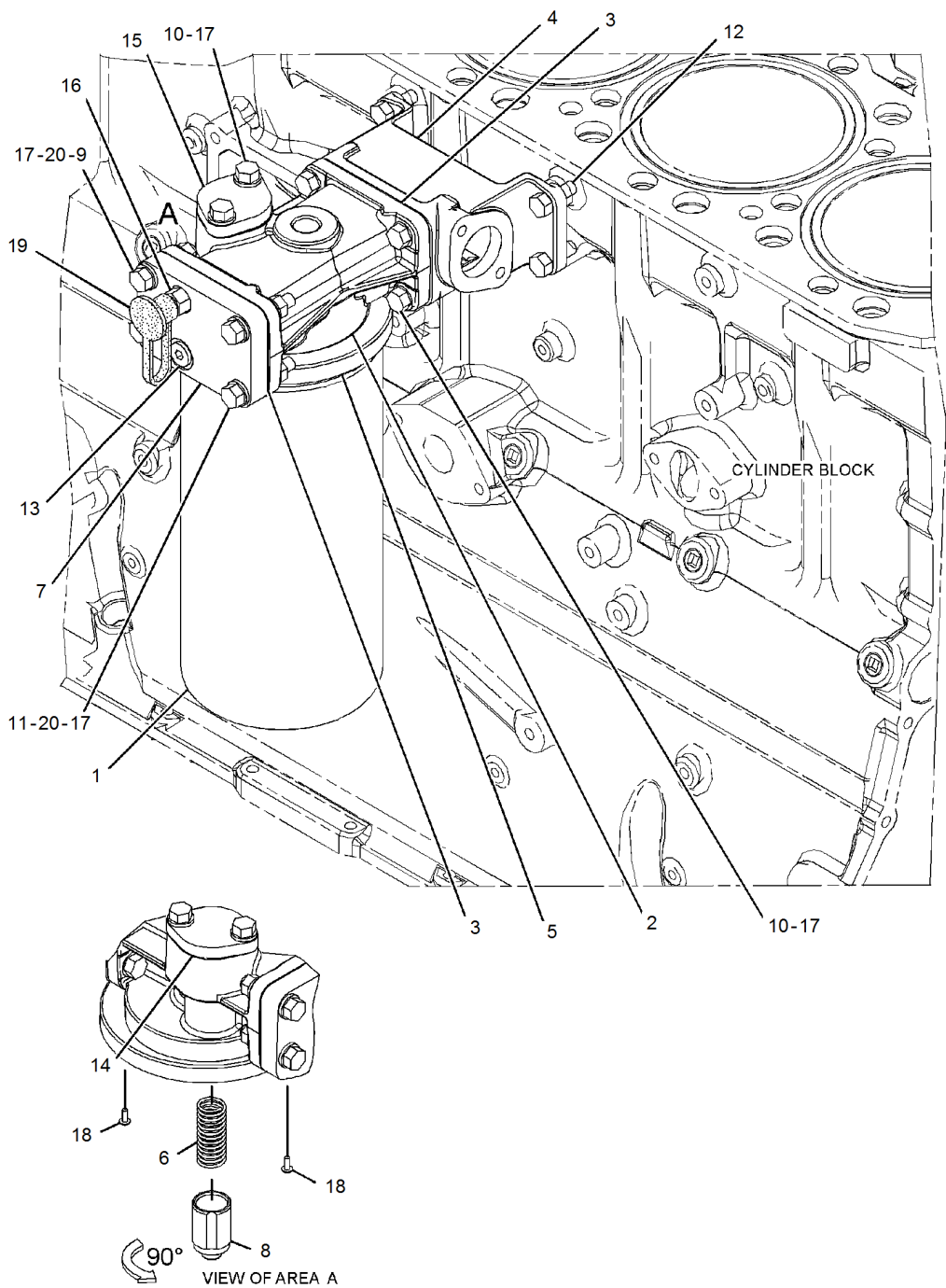
| Ref.                                          | Part number | Description                        | Qty | Code | Group page |
|-----------------------------------------------|-------------|------------------------------------|-----|------|------------|
| 1                                             | 7C-0307     | GASKET                             | 2   |      |            |
| 2                                             | 4N-8125     | TUBE AS-FILLER (OIL)               | 1   |      |            |
|                                               | 4N-2734     | TUBE AS-FILLER (OIL)               | 1   |      |            |
| 2A                                            | 8S-4212     | RIVET                              | 1   |      |            |
| 2B                                            | 2P-2717     | HASP                               | 1   |      |            |
| 2C                                            | 6N-2985     | CAP AS-FILLER (ENGINE OIL)         | 1   |      |            |
| 6                                             | 4W-1220     | PLATE AS                           | 1   |      |            |
| 7                                             | 1A-2029     | BOLT (3/8-16X1.125-IN)             | 2   |      |            |
| 8                                             | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 2   |      |            |
|                                               | 113-5253    | CAP AS-FILLER (ENGINE OIL)         |     | ABJ  |            |
| (OPTIONAL BLACK CAP ASSEMBLY ENGINE DRESS UP) |             |                                    |     |      |            |

CAT codes: A, B, J.

4N-0745 FILTER GP-ENGINE OIL

4N-0745 FILTER GP-ENGINE OIL S/N TXC1-UP; 41Z1-UP

Drawing 1 of 1



| Ref. | Part number | Description                             | Qty | Code | Group page |
|------|-------------|-----------------------------------------|-----|------|------------|
| 1    | 1R-1808     | FILTER-ENGINE OIL (ADVANCED EFFICIENCY) | 1   |      |            |
| 2    | 2P-4301     | BASE AS-OIL FILTER                      | 1   |      |            |
|      | 2P-4304     | STUD-HOLLOW                             | 1   |      |            |
| 3    | 2P-4305     | GASKET                                  | 2   |      |            |
| 4    | 4N-0827     | ADAPTER-FILTER                          | 1   |      |            |

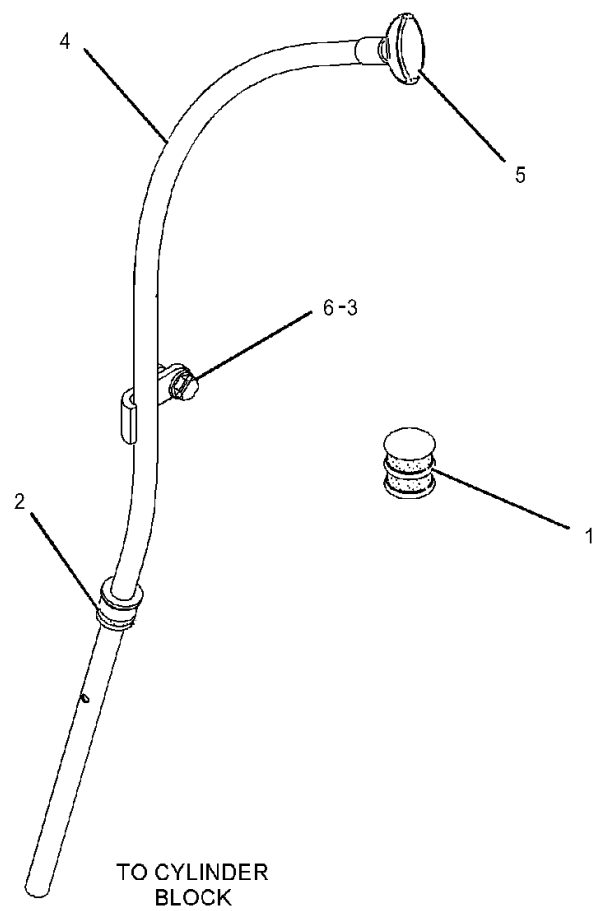
**4N-0745 FILTER GP-ENGINE OIL** (continued)

| Ref. | Part number | Description                          | Qty | Code | Group page |
|------|-------------|--------------------------------------|-----|------|------------|
| 5    | 4N-7082     | SHIELD-OIL FILTER                    | 1   |      |            |
| 6    | 4N-8150     | SPRING                               | 1   |      |            |
| 7    | 7C-4038     | COVER                                | 1   |      |            |
| 8    | 392-9208    | PLUNGER-VALVE (RELIEF)               | 1   |      |            |
| 9    | 0S-1571     | BOLT (3/8-16X1.75-IN)                | 2   |      |            |
| 10   | 0S-1588     | BOLT (3/8-16X1.25-IN)                | 6   |      |            |
| 11   | 0S-1590     | BOLT (3/8-16X2-IN)                   | 2   |      |            |
| 12   | 0S-1594     | BOLT (3/8-16X1-IN)                   | 4   |      |            |
| 13   | 183-3407    | PLUG AS                              | 1   |      |            |
|      | 9S-8004     | PLUG (9/16-18-THD)                   | 1   |      |            |
|      | 214-7568    | SEAL-O-RING                          | 1   |      |            |
| 14   | 2P-3760     | GASKET                               | 1   |      |            |
| 15   | 2P-3761     | COVER                                | 1   |      |            |
| 16   | 321-8649    | VALVE AS-FLUID SAMPLING (ENGINE OIL) | 1   |      |            |
|      | 8C-3446     | VALVE-SAMPLING                       | 1   |      |            |
|      | 214-7566    | SEAL-O-RING                          | 1   |      |            |
| 17   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)   | 14  |      |            |
| 18   | 7F-9090     | SCREW-DRIVE (NO 8X3/8-IN)            | 2   |      |            |
| 19   | 8C-3445     | CAP-DUST (ENGINE OIL FILTER)         | 1   |      |            |
| 20   | 9S-8752     | NUT-FULL (3/8-16-THD)                | 4   |      |            |

# 4N-0748 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE

4N-0748 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE S/N TXC1-UP; 41Z1-UP

Drawing 1 of 1



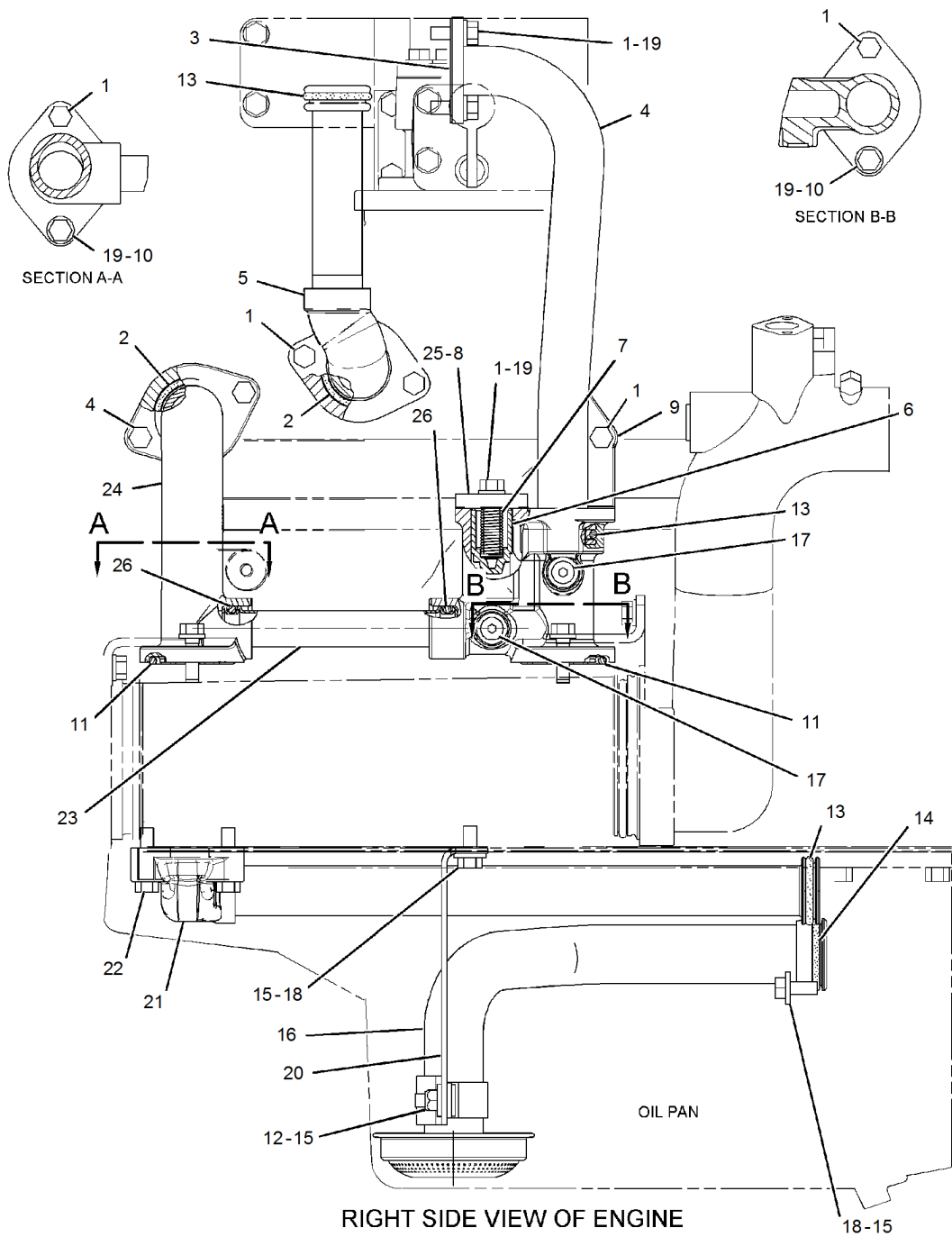
| Ref. | Part number | Description                            | Qty | Code | Group page |
|------|-------------|----------------------------------------|-----|------|------------|
| 1    | 165-6170    | PLUG                                   | 3   | J    |            |
| 2    | 118-5068    | SEAL-O-RING                            | 1   |      |            |
| 3    | 0S-0509     | BOLT (3/8-16X0.75-IN)                  | 1   |      |            |
| 4    | 6N-7840     | GUIDE AS-GAUGE                         | 1   | C    |            |
| 5    | 6N-7653     | GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE) | 1   | C    |            |
| 6    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)     | 1   |      |            |

CAT codes: C, J.

4N-2293 LINES GP-ENGINE OIL

4N-2293 LINES GP-ENGINE OIL S/N TXC1-UP; 41Z1-UP

Drawing 1 of 1



| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 0S-1594     | BOLT (3/8-16X1-IN) | 12  |      |            |
| 2    | 8C-5230     | SEAL-O-RING        | 2   |      |            |
| 3    | 4N-0933     | GASKET             | 1   |      |            |
| 4    | 1W-6135     | TUBE AS            | 1   |      |            |
| 5    | 1W-6137     | TUBE AS            | 1   |      |            |

**4N-2293 LINES GP-ENGINE OIL** (continued)

| Ref.                                         | Part number | Description                        | Qty | Code | Group page |
|----------------------------------------------|-------------|------------------------------------|-----|------|------------|
| 6                                            | 392-9208    | PLUNGER-VALVE (RELIEF)             | 1   |      |            |
| 7                                            | 4N-8150     | SPRING                             | 1   |      |            |
| 8                                            | 2P-3761     | COVER                              | 1   |      |            |
| 9                                            | 4N-1215     | BODY-COOLER BYPASS (ENGINE OIL)    | 1   | CJ   |            |
| OR alternate consist option CAT source: -OR- |             |                                    |     |      |            |
|                                              | 223-5814    | BODY-COOLER BYPASS (ENGINE OIL)    | 1   | CN   |            |
| 10                                           | 0S-1588     | BOLT (3/8-16X1.25-IN)              | 2   |      |            |
| 11                                           | 113-5304    | SEAL-O-RING                        | 2   |      |            |
| 12                                           | 2K-4973     | LOCKNUT (3/8-16-THD)               | 2   |      |            |
| 13                                           | 5P-8068     | SEAL-O-RING                        | 3   |      |            |
| 14                                           | 5P-5846     | SEAL-O-RING                        | 1   |      |            |
| 15                                           | 9X-6458     | WASHER-HARD (10.2X22.5X3-MM THK)   | 5   |      |            |
| 16                                           | 115-2370    | TUBE AS-SUCTION                    | 1   |      |            |
| 17                                           | 8T-6765     | PLUG-PIPE (1/4-18-THD)             | 2   | CJ   |            |
| OR alternate consist option CAT source: -OR- |             |                                    |     |      |            |
|                                              | 321-8642    | PLUG AS                            | 2   | CN   |            |
| (EACH INCLUDES)                              |             |                                    |     |      |            |
|                                              | 9S-8003     | PLUG (1/2-20-THD)                  | 1   |      |            |
|                                              | 214-7567    | SEAL-O-RING                        | 1   |      |            |
| 18                                           | 0L-1351     | BOLT (3/8-16X0.875-IN)             | 3   |      |            |
| 19                                           | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 6   |      |            |
| 20                                           | 115-2353    | BRACKET-TUBE                       | 1   |      |            |
| 21                                           | 4N-0995     | TUBE AS                            | 1   |      |            |
| 22                                           | 0S-1591     | BOLT (3/8-16X1.5-IN)               | 2   |      |            |
| 23                                           | 4N-1216     | TUBE-COOLER BYPASS (ENGINE OIL)    | 1   |      |            |
| 24                                           | 4N-0826     | ELBOW                              | 1   |      |            |
| 25                                           | 2P-3760     | GASKET                             | 1   |      |            |
| 26                                           | 2N-3350     | SEAL-O-RING                        | 2   |      |            |

CAT codes: C, J, N.

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