

# CATERPILLAR 3208

32Y / SEBP1238

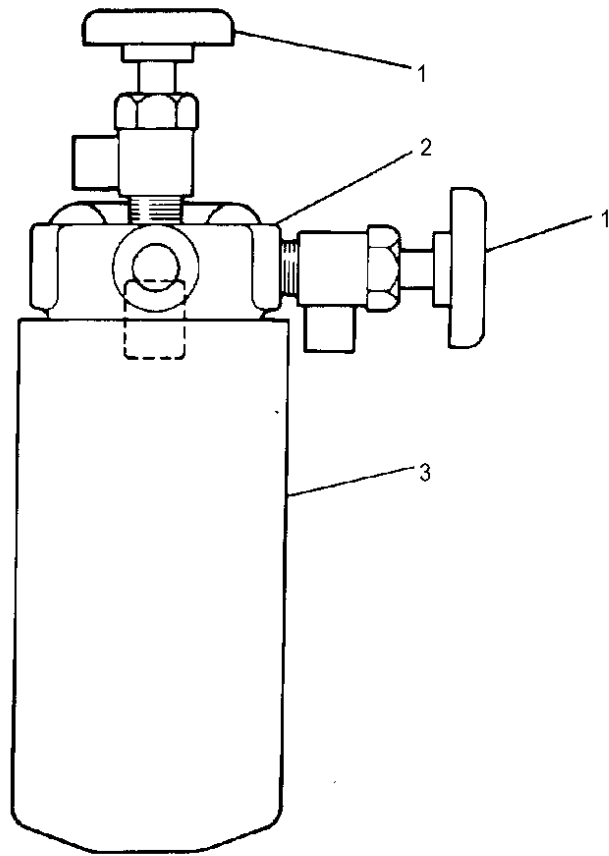
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| Electrical and electronics         |      |
| Basic engine                       |      |
| Basic engine                       |      |

9N-3659 COOLANT CONDITIONER GP

9N3659 COOLANT FILTER GROUP--Remote Mounted Note: 9N3717 Coolant Conditioner Element Assembly is available AN ATTACHMENT

Drawing 1 of 1



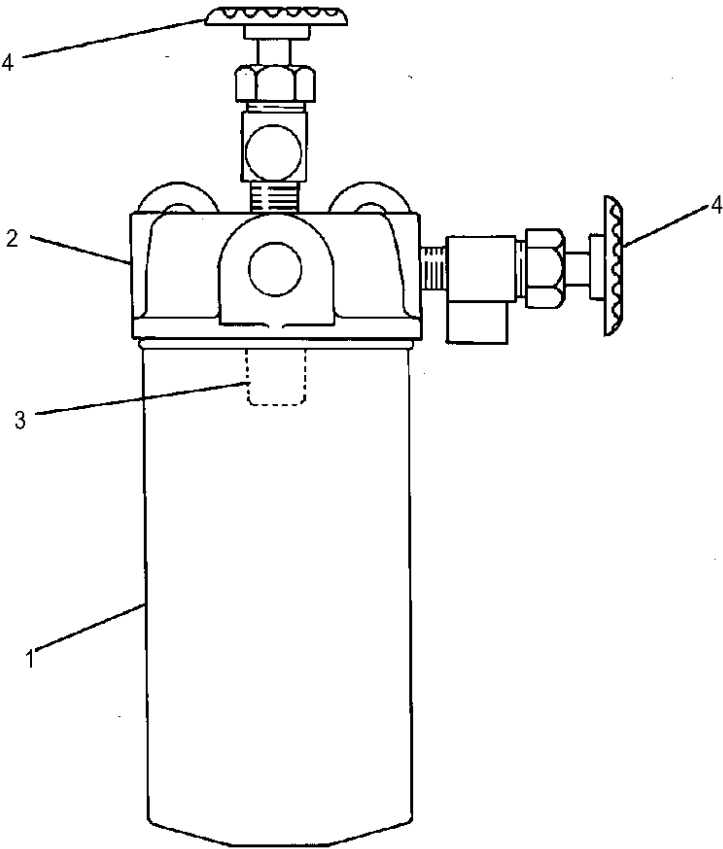
| Ref.                                          | Part number | Description          | Qty | Code | Group page |
|-----------------------------------------------|-------------|----------------------|-----|------|------------|
| 1                                             | 9N-3666     | VALVE AS             | 2   |      |            |
| 2                                             | 9N-3668     | BASE AS              | 1   |      |            |
|                                               | 9N-3645     | STUD-TAPERLOCK       | 1   |      |            |
| 3                                             | 9N-3368     | ELEMENT AS           | 1   | C    |            |
| (FOR ROUTINE REPLACEMENT, SYSTEM NOT DRAINED) |             |                      |     |      |            |
| OR alternate consist option CAT source: -OR-  |             |                      |     |      |            |
|                                               | 9N-3366     | ELEMENT AS-PRECHARGE | 1   | C    |            |
| (USE WHEN SYSTEM DRAINED AND REFILLED)        |             |                      |     |      |            |

CAT codes: C.

1W-1310 FILTER GP-COOLANT

1W1310 COOLANT FILTER GROUP AN ATTACHMENT

Drawing 1 of 1

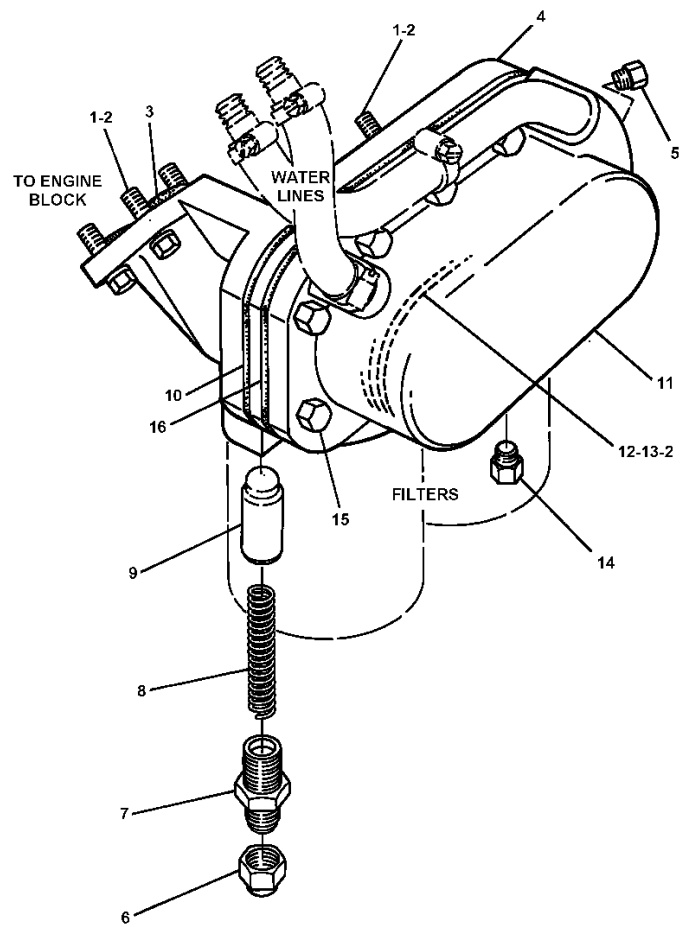


| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 9N-6123     | ELEMENT AS     | 1   |      |            |
| 2    | 9N-3668     | BASE AS        | 1   |      |            |
| 3    | 9N-3645     | STUD-TAPERLOCK | 1   |      |            |
| 4    | 9N-3666     | VALVE AS       | 2   |      |            |

9N-0729 COOLER GP-ENGINE OIL

9N729 OIL COOLER GROUP Serial No. 32Y1 to 32Y5335 inclusive

Drawing 1 of 1



| Ref.       | Part number | Description | Qty | Code | Group page |
|------------|-------------|-------------|-----|------|------------|
| 1          | 1A-2029     | BOLT        | 4   |      |            |
| 2          | 5M-2894     | WASHER      | 7   |      |            |
| 3          | 8M-8283     | SEAL        | 2   |      |            |
| 4          | 9L-7647     | BASE GROUP  | 1   |      |            |
| (Includes) |             |             |     |      |            |
| 5          | 5M-6213     | PLUG        | 2   |      |            |
| 6          | 9L-9389     | CAP         | 1   |      |            |
| 7          | 9L-9385     | FITTING     | 1   |      |            |
| 8          | 9L-9188     | SPRING      | 1   |      |            |
| 9          | 9L-9186     | VALVE       | 1   |      |            |
| 10         | 9L-6420     | GASKET      | 1   |      |            |
| 11         | 9L-8857     | COVER       | 1   | C    |            |
| 12         | 9L-6251     | CORE ASSEM. | 1   |      |            |
| 13         | 1D-4717     | NUT         | 3   |      |            |
|            | 3B-4506     | LOCKWASHER  | 3   |      |            |

9N-0729 COOLER GP-ENGINE OIL (continued)

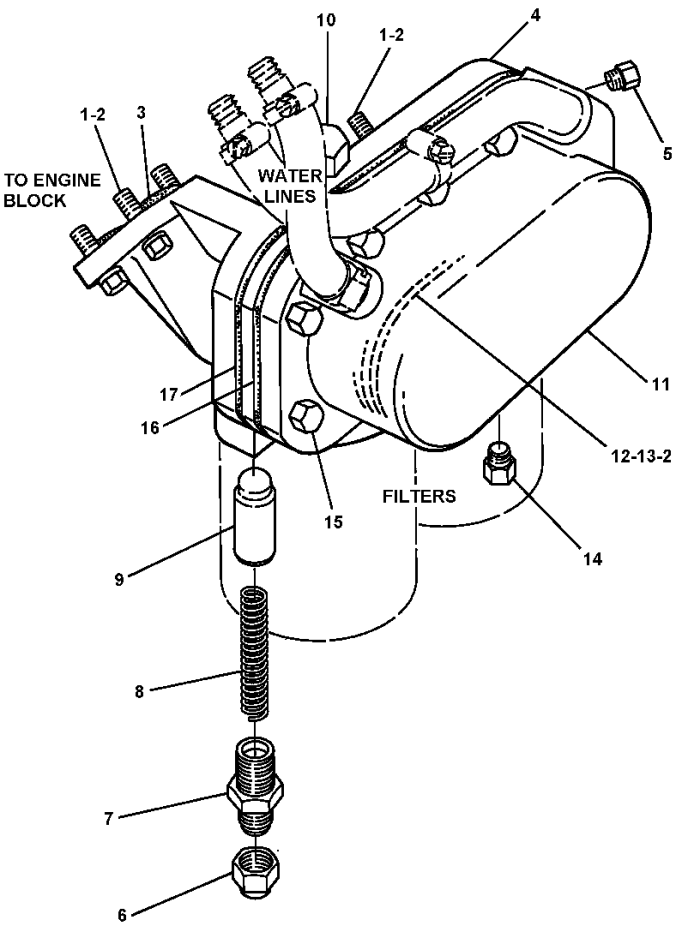
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 14   | 5M-6214     | PLUG        | 1   |      |            |
| 15   | 9L-8925     | BOLT        | 10  | C    |            |
| 16   | 9L-6262     | GASKET      | 1   |      |            |

CAT codes: C.

9N-0729 COOLER GP-ENGINE OIL

9N729 OIL COOLER GROUP Serial No. 32Y5336 to 32Y41065 inclusive

Drawing 1 of 1



| Ref.       | Part number | Description | Qty | Code | Group page |
|------------|-------------|-------------|-----|------|------------|
| 1          | 1A-2029     | BOLT        | 4   |      |            |
| 2          | 5M-2894     | WASHER      | 7   |      |            |
| 3          | 8M-8283     | SEAL        | 2   |      |            |
| 4          | 9N-5498     | BASE GROUP  | 1   | C    |            |
| (Includes) |             |             |     |      |            |
| 5          | 5M-6213     | PLUG        | 2   |      |            |
| 6          | 9L-9389     | CAP         | 1   |      |            |
| 7          | 9L-9385     | FITTING     | 1   |      |            |
| 8          | 9L-9188     | SPRING      | 1   |      |            |
| 9          | 9L-9186     | VALVE       | 1   |      |            |
| 10         | 9N-5557     | PLUG        | 1   |      |            |
|            | 2M-9780     | SEAL        | 1   |      |            |
| 11         | 9L-8857     | COVER       | 1   |      |            |
| 12         | 9L-6251     | CORE ASSEM. | 1   |      |            |
| 13         | 1D-4717     | NUT         | 3   |      |            |

9N-0729 COOLER GP-ENGINE OIL (continued)

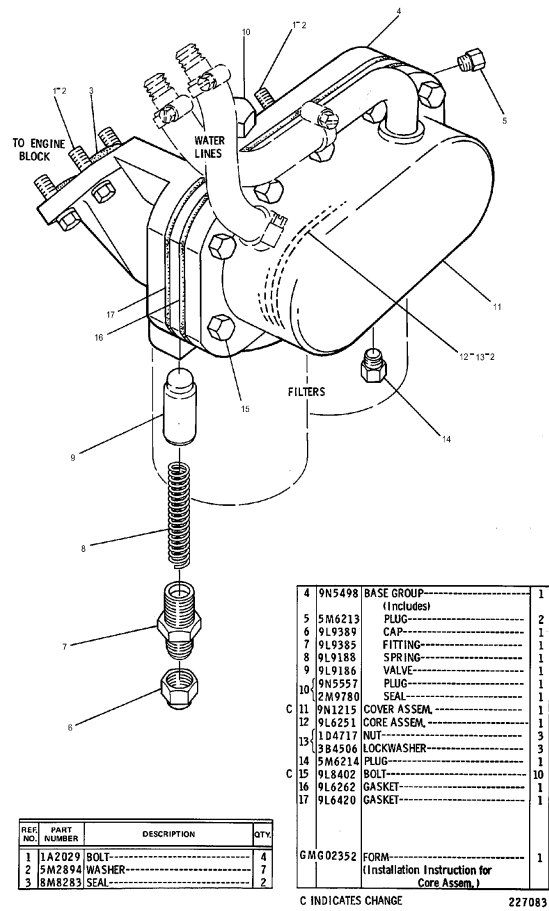
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
|      | 3B-4506     | LOCKWASHER  | 3   |      |            |
| 14   | 5M-6214     | PLUG        | 1   |      |            |
| 15   | 9L-8925     | BOLT        | 10  |      |            |
| 16   | 9L-6262     | GASKET      | 1   |      |            |
| 17   | 9L-6420     | GASKET      | 1   |      |            |

CAT codes: C.

9N-0729 COOLER GP-ENGINE OIL

9N729 OIL COOLER GROUP Serial No. 32Y41066--Up

Drawing 1 of 1



| Ref.       | Part number | Description  | Qty | Code | Group page |
|------------|-------------|--------------|-----|------|------------|
| 1          | 1A-2029     | BOLT         | 4   |      |            |
| 2          | 5M-2894     | WASHER       | 7   |      |            |
| 3          | 8M-8283     | SEAL         | 2   |      |            |
| 4          | 9N-5498     | BASE GROUP   | 1   |      |            |
| (Includes) |             |              |     |      |            |
| 5          | 5M-6213     | PLUG         | 2   |      |            |
| 6          | 9L-9389     | CAP          | 1   |      |            |
| 7          | 9L-9385     | FITTING      | 1   |      |            |
| 8          | 9L-9188     | SPRING       | 1   |      |            |
| 9          | 9L-9186     | VALVE        | 1   |      |            |
| 10         | 9N-5557     | PLUG         | 1   |      |            |
|            | 2M-9780     | SEAL         | 1   |      |            |
| 11         | 9N-1215     | COVER ASSEM. | 1   | C    |            |
| 12         | 9L-6251     | CORE ASSEM.  | 1   |      |            |
| 13         | 1D-4717     | NUT          | 3   |      |            |

9N-0729 COOLER GP-ENGINE OIL (continued)

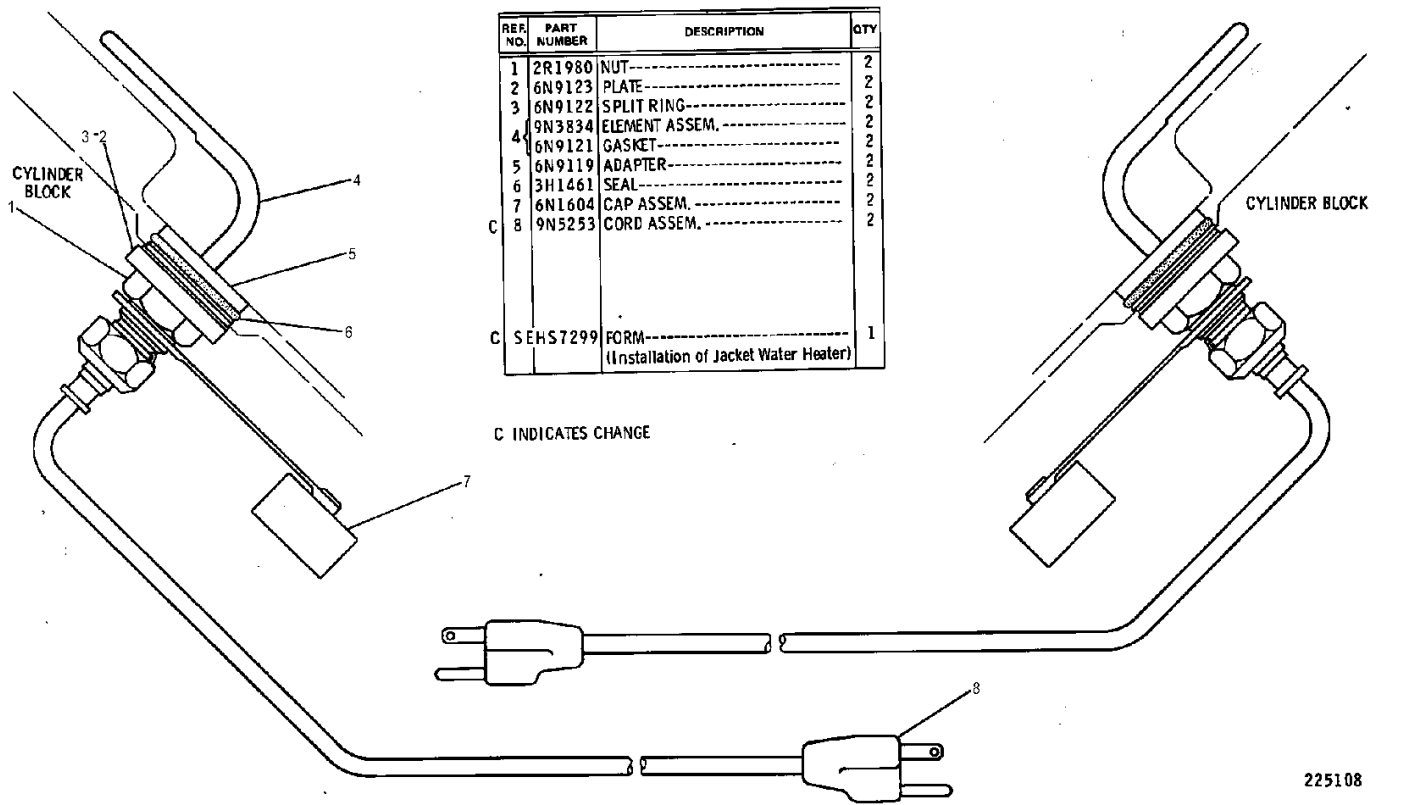
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
|      | 3B-4506     | LOCKWASHER  | 3   |      |            |
| 14   | 5M-6214     | PLUG        | 1   |      |            |
| 15   | 9L-8402     | BOLT        | 10  | C    |            |
| 16   | 9L-6262     | GASKET      | 1   |      |            |
| 17   | 9L-6420     | GASKET      | 1   |      |            |

CAT codes: C.

9N-3829 HEATER GP-JACKET WATER

9N3829 JACKET WATER HEATER GROUP--Field Installation Replaced by 9N5753 shown on Page 68A Note: Provides (2) 1000 Watt Block Heaters to help reduce white smoke when starting engine in cold temperatures

Drawing 1 of 1



| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 2R-1980     | NUT            | 2   |      |            |
| 2    | 6N-9123     | PLATE          | 2   |      |            |
| 3    | 6N-9122     | SPLIT RING     | 2   |      |            |
| 4    | 9N-3834     | ELEMENT ASSEM. | 2   |      |            |
|      | 6N-9121     | GASKET         | 2   |      |            |
| 5    | 6N-9119     | ADAPTER        | 2   |      |            |
| 6    | 3H-1461     | SEAL           | 2   |      |            |
| 7    | 6N-1604     | CAP ASSEM.     | 2   |      |            |
| 8    | 9N-5253     | CORD ASSEM.    | 2   | C    |            |

CAT codes: C.

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