

# CATERPILLAR 7S

3GH / XMBP9788

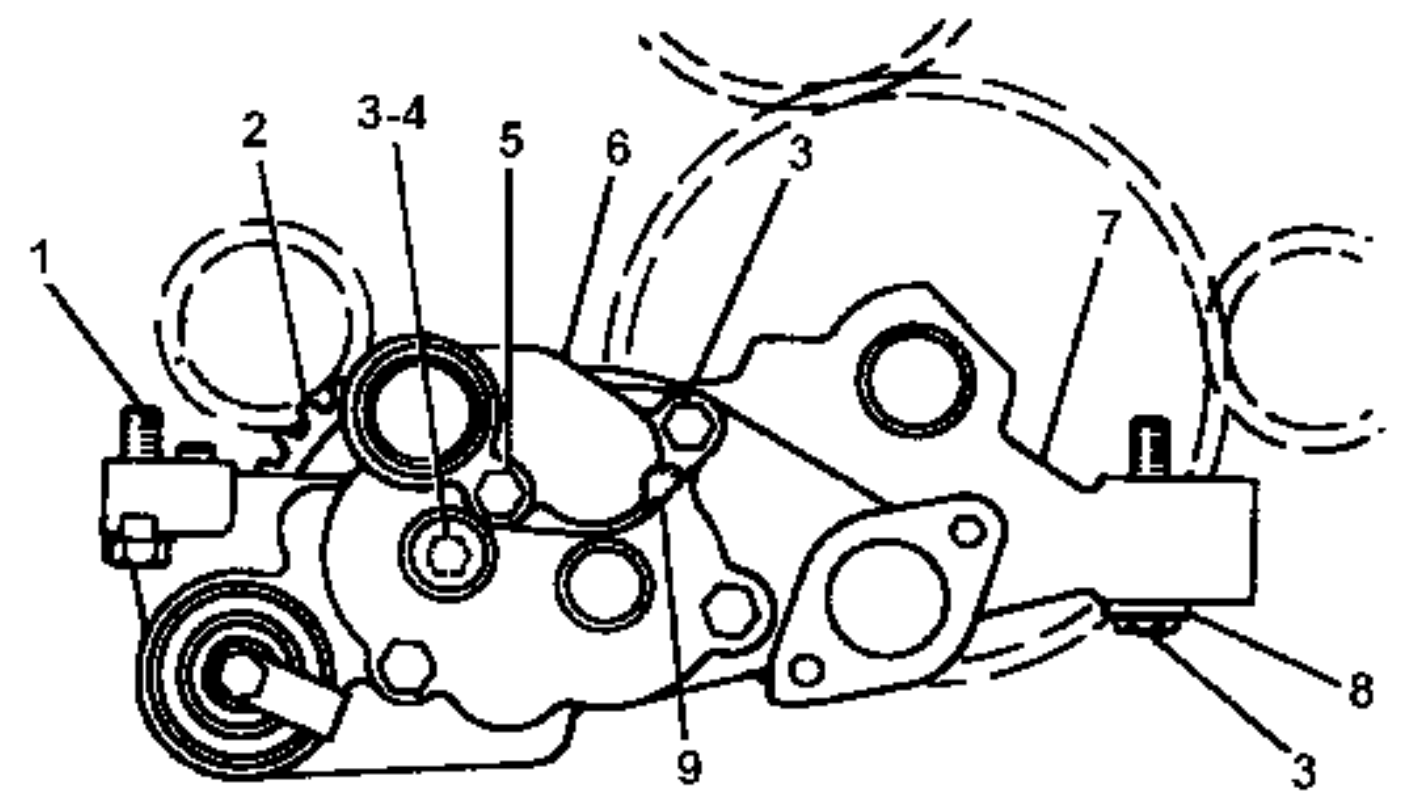
## Contents

| Section                      | Page |
|------------------------------|------|
| Lubrication system           | 2    |
| Cooling system               | 9    |
| Air inlet and exhaust        |      |
| Fuel system                  |      |
| Electrical and electronics   |      |
| Basic engine                 |      |
| Basic engine                 |      |
| Power train                  |      |
| Basic engine                 |      |
| Hydraulic system             |      |
| Power train                  |      |
| Air inlet and exhaust        |      |
| Labels, kits and diagnostics |      |

2P-1784 PUMP GP-ENGINE OIL

ENGINE OIL PUMP (2P1784 N/S) Effective with Serial No. 10Z8280-UP 4W2448 Gear Pump parts are shown on Page 32

Drawing 1 of 1



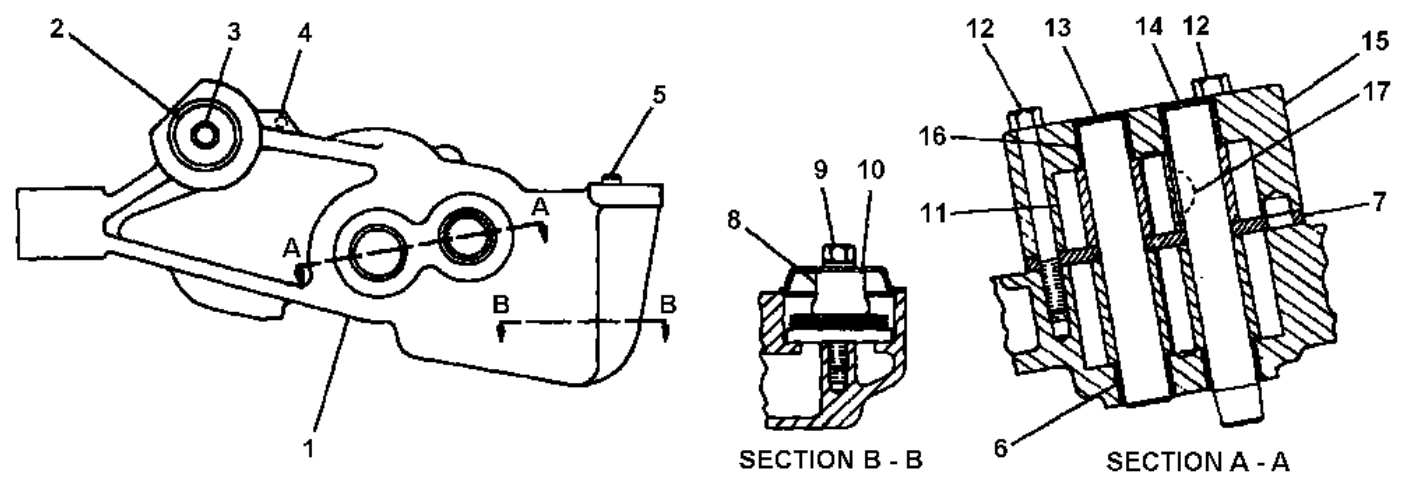
| Ref.                        | Part number | Description     | Qty | Code | Group page |
|-----------------------------|-------------|-----------------|-----|------|------------|
| 1                           | 3B-1915     | BOLT            | 2   |      |            |
|                             | 8M-7587     | LOCK            | 2   |      |            |
| 2                           | 8S-0497     | GEAR (40 Teeth) | 1   |      |            |
|                             | 8M-5599     | KEY             | 1   |      |            |
| 3                           | 0S-1590     | BOLT            | 4   |      |            |
| 4                           | 1P-7346     | WASHER          | 1   |      |            |
| 5                           | 0S-1619     | BOLT            | 1   |      |            |
| 6                           | 4N-5353     | ELBOW           | 1   |      |            |
| 7                           | 4W-2448     | PUMP GROUP      | 1   | RY   |            |
| (See Separate Illustration) |             |                 |     |      |            |
| 8                           | 0T-0329     | LOCK            | 1   |      |            |
| 9                           | 2P-8746     | GASKET          | 1   |      |            |

CAT codes: R, Y.

4W-2448 PUMP GP-ENGINE OIL

4W2448 GEAR PUMP GROUP Effective with Serial No. 10Z8280-UP Part of Engine Oil Pump

Drawing 1 of 1

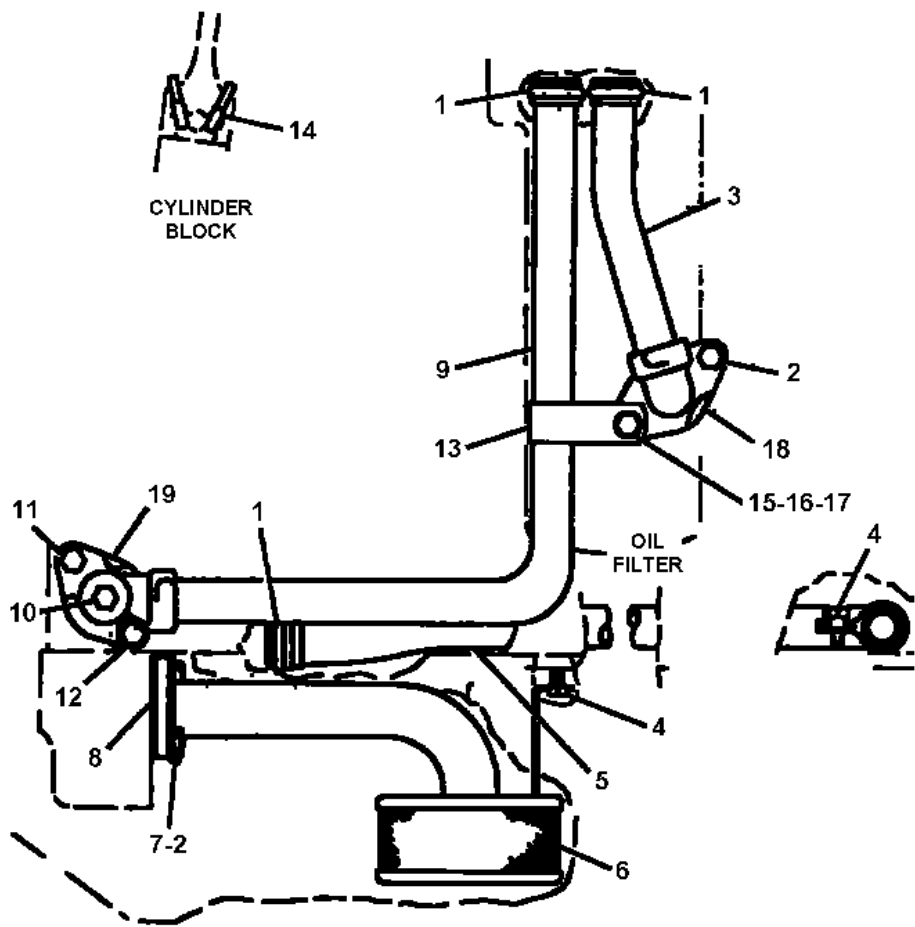


| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 4W-2322     | BODY ASSEM.    | 1   |      |            |
| 2    | 2P-1170     | SHAFT ASSEM.   | 1   |      |            |
| 3    | 4B-9782     | BALL           | 1   |      |            |
| 4    | 4B-9880     | BALL           | 1   |      |            |
| 5    | 1F-1006     | DOWEL          | 1   |      |            |
| 6    | 8S-6511     | BEARING        | 2   |      |            |
| 7    | 2P-1781     | SPACER         | 1   |      |            |
| 8    | 4N-8385     | VALVE ASSEM.   | 1   |      |            |
| 9    | 2B-2694     | BOLT           | 1   |      |            |
|      | 9M-1974     | WASHER         | 1   |      |            |
| 10   | 4N-3732     | COVER          | 1   |      |            |
| 11   | 6N-1036     | GEAR (8 TEETH) | 2   |      |            |
| 12   | 0T-0065     | BOLT           | 3   |      |            |
| 13   | 8S-0493     | SHAFT ASSEM.   | 1   |      |            |
| 14   | 2P-6245     | SHAFT ASSEM.   | 1   |      |            |
| 15   | 4W-2321     | BODY ASSEM.    | 1   |      |            |
| 16   | 8S-6511     | BEARING        | 2   |      |            |
| 17   | 1B-8709     | KEY            | 1   |      |            |

2P-6105 LINES GP-ENGINE OIL

ENGINE OIL LINES (2P6105 N/S) Effective with Serial No. 10Z8280-UP

Drawing 1 of 1



| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 114-2687    | SEAL                 | 3   |      |            |
| 2    | 0S-1594     | BOLT                 | 3   | C    |            |
| 3    | 8N-7315     | TUBE ASSEM.          | 1   |      |            |
| 4    | 0T-0102     | BOLT                 | 2   |      |            |
|      | 0L-0364     | LOCK                 | 2   |      |            |
| 5    | 2P-1739     | TUBE ASSEM.          | 1   |      |            |
| 6    | 2P-1751     | BELL ASSEM.          | 1   |      |            |
| 7    | 8S-8874     | LOCK                 | 1   |      |            |
| 8    | 8M-0904     | GASKET               | 1   |      |            |
| 9    | 8N-7318     | TUBE ASSEM.          | 1   |      |            |
| 10   | 5M-6213     | PLUG                 | 1   |      |            |
| 11   | 1A-2029     | BOLT ( 28.6mm Long ) | 1   |      |            |
| 12   | 0L-2070     | BOLT ( 57.2mm Long ) | 1   |      |            |
| 13   | 3P-2404     | CLIP                 | 1   | C    |            |
| 14   | 2S-1541     | ORIFICE              | 6   |      |            |

2P-6105 LINES GP-ENGINE OIL (continued)

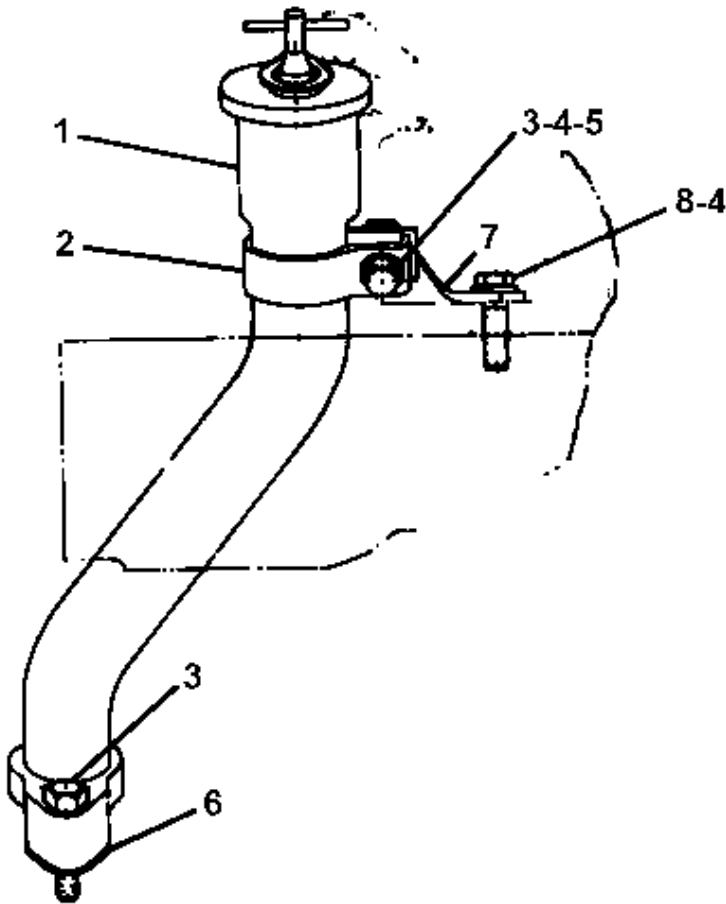
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 15   | 0S-1571     | BOLT        | 1   | C    |            |
| 16   | 5M-2894     | WASHER      | 1   | C    |            |
| 17   | 1L-5081     | SPACER      | 1   | C    |            |
| 18   | 7F-7590     | GASKET      | 1   |      |            |
| 19   | 2M-5407     | GASKET      | 1   |      |            |

CAT codes: C.

4W-4270 FILLER GP-OIL

ENGINE OIL FILLER (4W4270 N/S) Effective with Serial No. 10Z8280-UP

Drawing 1 of 1

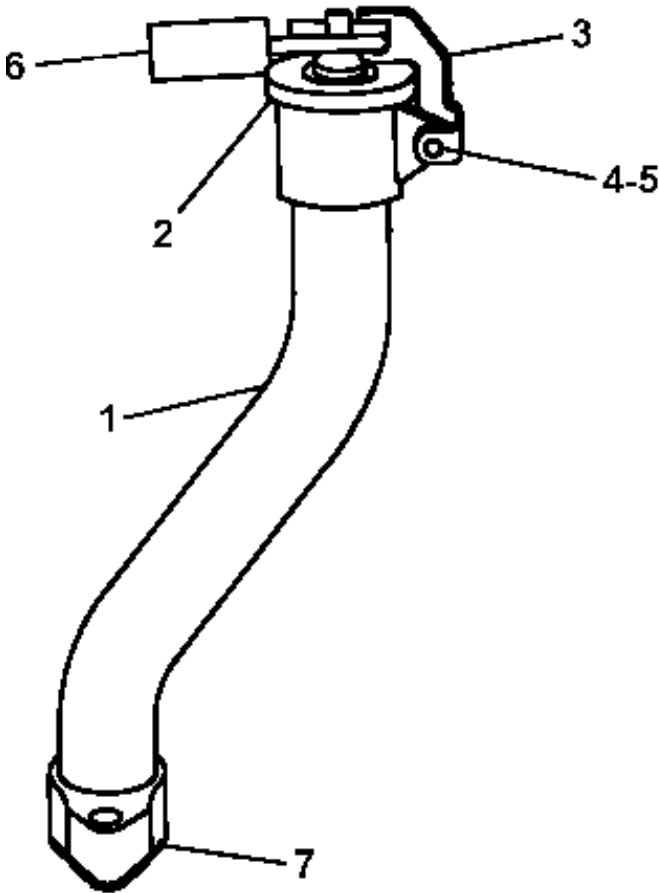


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 4W-4186     | TUBE ASSEM. | 1   |      |            |
|      | 6N-2985     | CAP ASSEM.  | 1   |      |            |
|      | 5S-7337     | WASHER      | 1   |      |            |
| 2    | 8M-6744     | CLAMP       | 1   |      |            |
| 3    | 0S-1571     | BOLT        | 3   |      |            |
| 4    | 5M-2894     | WASHER      | 3   |      |            |
| 5    | 1D-4717     | NUT         | 1   |      |            |
| 6    | 2P-2720     | GASKET      | 1   |      |            |
| 7    | 4W-4187     | BRACKET     | 1   |      |            |
| 8    | 3B-1915     | BOLT        | 1   |      |            |

4W-4268 PROTECTION GP-VANDALISM

VANDALISM PROTECTION (4W4268 N/S) -- Engine Oil Filler Part of 7T6648 Vandalism Protection Arrangement listed on Page 349 AN ATTACHMENT

Drawing 1 of 1

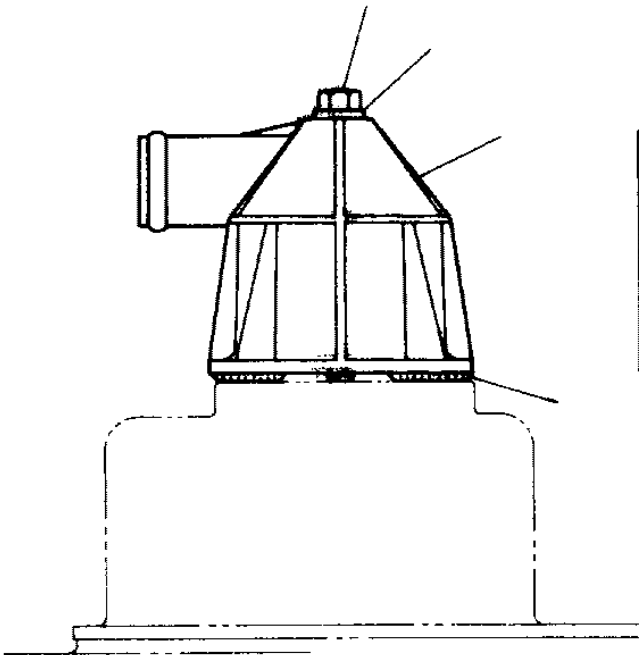


| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 4W-4485     | TUBE ASSEM.    | 1   |      |            |
| 2    | 6N-2985     | CAP ASSEM.     | 1   |      |            |
| 3    | 2P-2717     | HASP           | 1   |      |            |
| 4    | 2A-3211     | WASHER         | 1   |      |            |
| 5    | 8D-9558     | RIVET          | 1   |      |            |
| 6    | 5P-8502     | PADLOCK ASSEM. | 1   |      |            |
|      | 5P-8500     | KEY            | 2   |      |            |
| 7    | 2P-2720     | GASKET         | 1   |      |            |

1P-4244 BREATHER GP

BREATHER (1P4244 N/S) Effective with Serial No. 10Z8280-UP

Drawing 1 of 1



| NO. | PART NO.<br>部品番号 | QTY.<br>数量 | DESCRIPTION<br>名称および記事 |
|-----|------------------|------------|------------------------|
| 1   | 3H3243           | 1          | BOLT                   |
| 2   | 9N0869           | 1          | WASHER                 |
| 3   | 2W9162           | 1          | BREATHER ASSEM.        |
| 4   | 4L9564           | 1          | SEAL                   |

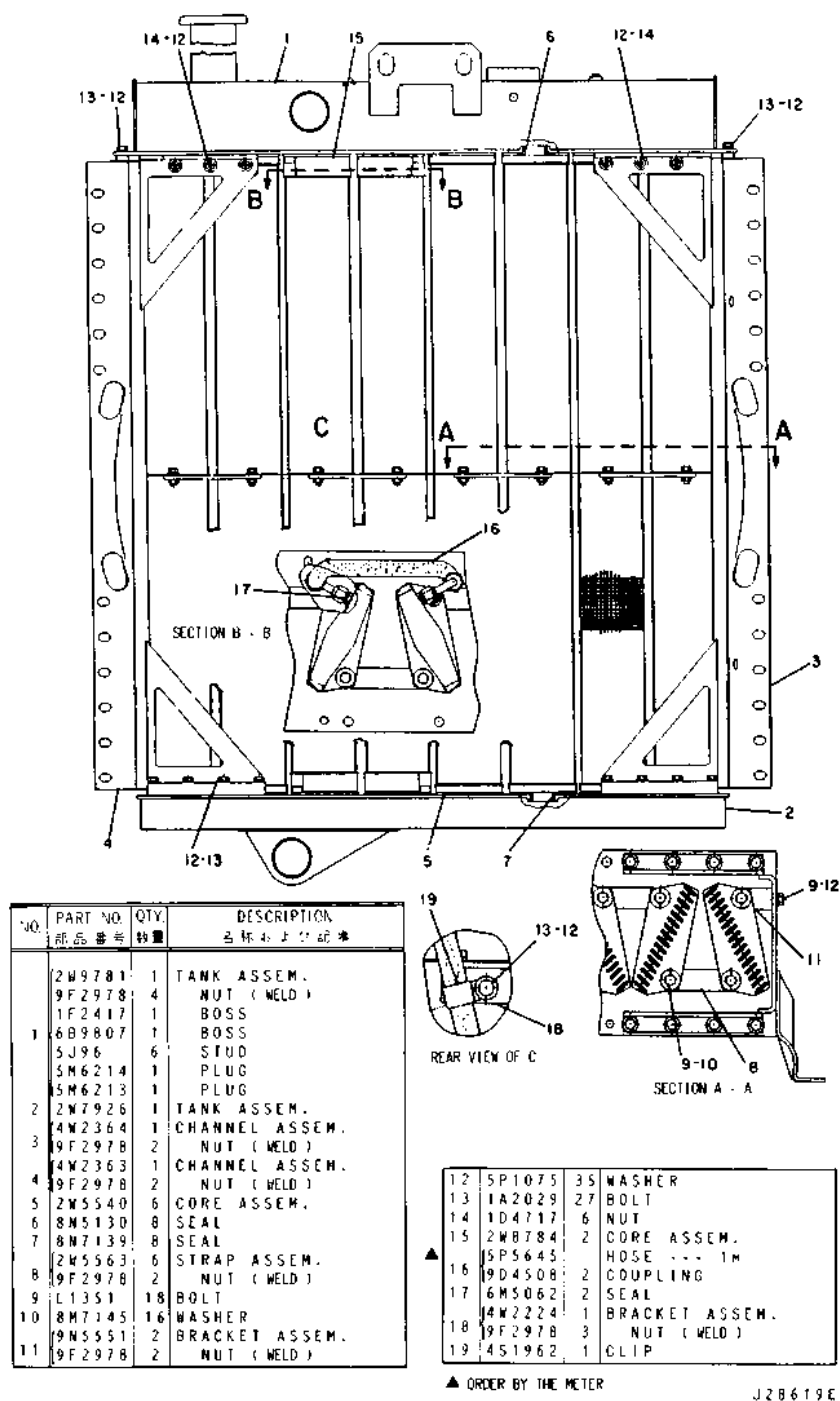
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| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 3H-3243     | BOLT            | 1   |      |            |
| 2    | 9N-0869     | WASHER          | 1   |      |            |
| 3    | 2W-9162     | BREATHER ASSEM. | 1   |      |            |
| 4    | 4L-9564     | SEAL            | 1   |      |            |

## 2W-3530 RADIATOR GP

RADIATOR (2W3530 N/S) Part of 6T1265 and 6Y2210 Air Conditioner Arrangements listed on Page 341 AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 2W-9781     | TANK ASSEM. | 1   |      |            |
|      | 9F-2978     | NUT (WELD)  | 4   |      |            |
|      | 1F-2417     | BOSS        | 1   |      |            |
|      | 6B-9807     | BOSS        | 1   |      |            |

## 2W-3530 RADIATOR GP (continued)

| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
|      | 5J-0096     | STUD           | 6   |      |            |
|      | 5M-6214     | PLUG           | 1   |      |            |
|      | 5M-6213     | PLUG           | 1   |      |            |
| 2    | 2W-7926     | TANK ASSEM.    | 1   |      |            |
| 3    | 4W-2364     | CHANNEL ASSEM. | 1   |      |            |
|      | 9F-2978     | NUT (WELD)     | 2   |      |            |
| 4    | 4W-2363     | CHANNEL ASSEM. | 1   |      |            |
|      | 9F-2978     | NUT (WELD)     | 2   |      |            |
| 5    | 2W-5540     | CORE ASSEM.    | 6   |      |            |
| 6    | 8N-5130     | SEAL           | 8   |      |            |
| 7    | 8N-7139     | SEAL           | 8   |      |            |
| 8    | 2W-5563     | STRAP ASSEM.   | 6   |      |            |
|      | 9F-2978     | NUT (WELD)     | 2   |      |            |
| 9    | 0L-1351     | BOLT           | 18  |      |            |
| 10   | 8M-7145     | WASHER         | 16  |      |            |
| 11   | 9N-5551     | BRACKET ASSEM. | 2   |      |            |
|      | 9F-2978     | NUT (WELD)     | 2   |      |            |
| 12   | 5P-1075     | WASHER         | 35  |      |            |
| 13   | 1A-2029     | BOLT           | 27  |      |            |
| 14   | 1D-4717     | NUT            | 6   |      |            |
| 15   | 2W-8784     | CORE ASSEM.    | 2   |      |            |
| 16   | 5P-5645     | HOSE 1m        |     | H    |            |
|      | 9D-4508     | COUPLING       | 2   |      |            |
| 17   | 6M-5062     | SEAL           | 2   |      |            |
| 18   | 4W-2224     | BRACKET ASSEM. | 1   |      |            |
|      | 9F-2978     | NUT (WELD)     | 3   |      |            |
| 19   | 4S-1962     | CLIP           | 1   |      |            |

CAT codes: H.

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