

# CATERPILLAR D5H

3MD / XEBP7012

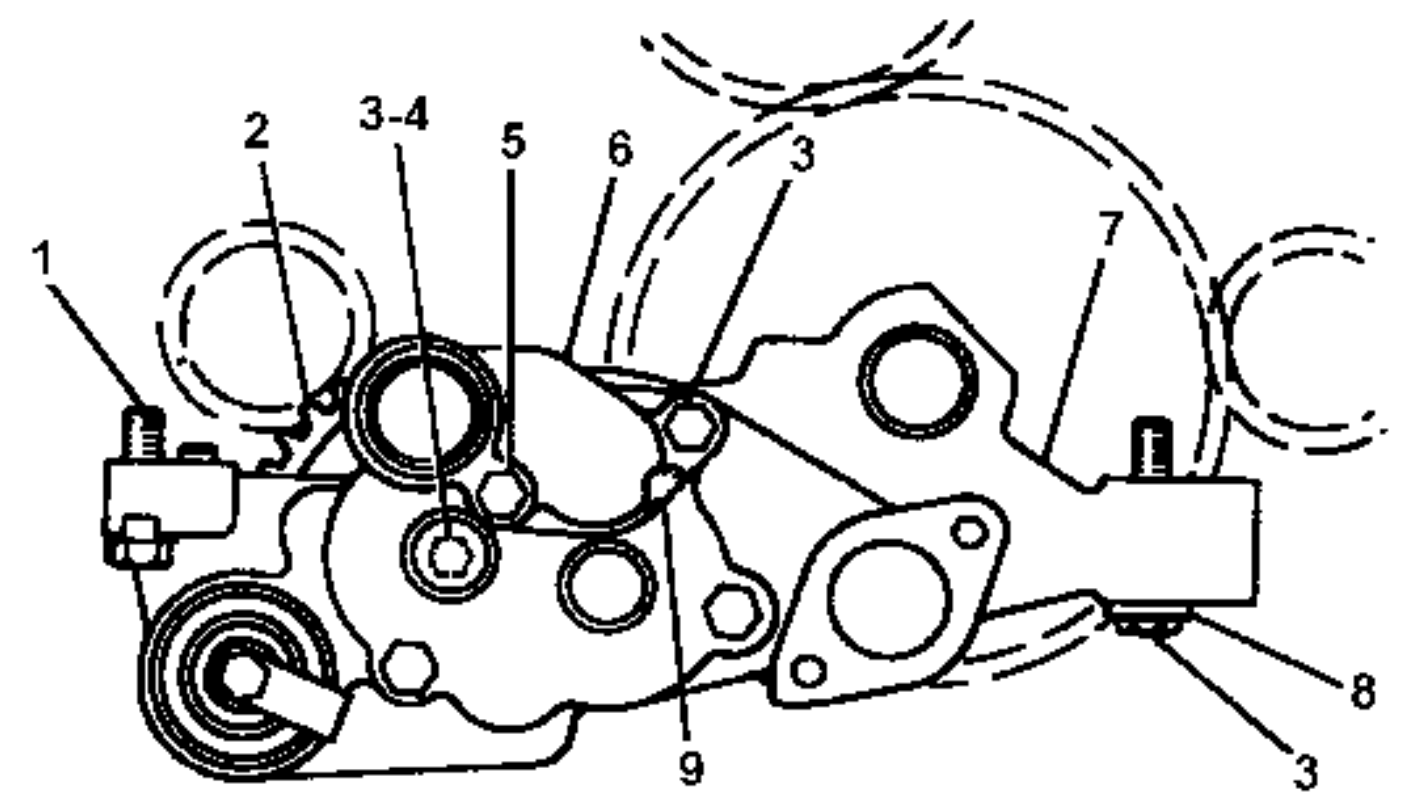
## Contents

| Section                      | Page |
|------------------------------|------|
| Lubrication system           | 2    |
| Cooling system               | 10   |
| Air inlet and exhaust        |      |
| Fuel system                  |      |
| Electrical and electronics   |      |
| Basic engine                 |      |
| Basic engine                 |      |
| Power train                  |      |
| Power train                  |      |
| Cooling system               |      |
| Hydraulic system             |      |
| Power train                  |      |
| Air inlet and exhaust        |      |
| Labels, kits and diagnostics |      |

2P-1784 PUMP GP-ENGINE OIL

ENGINE OIL PUMP (2P1784 N/S) 4W2448--Page 28

Drawing 1 of 1



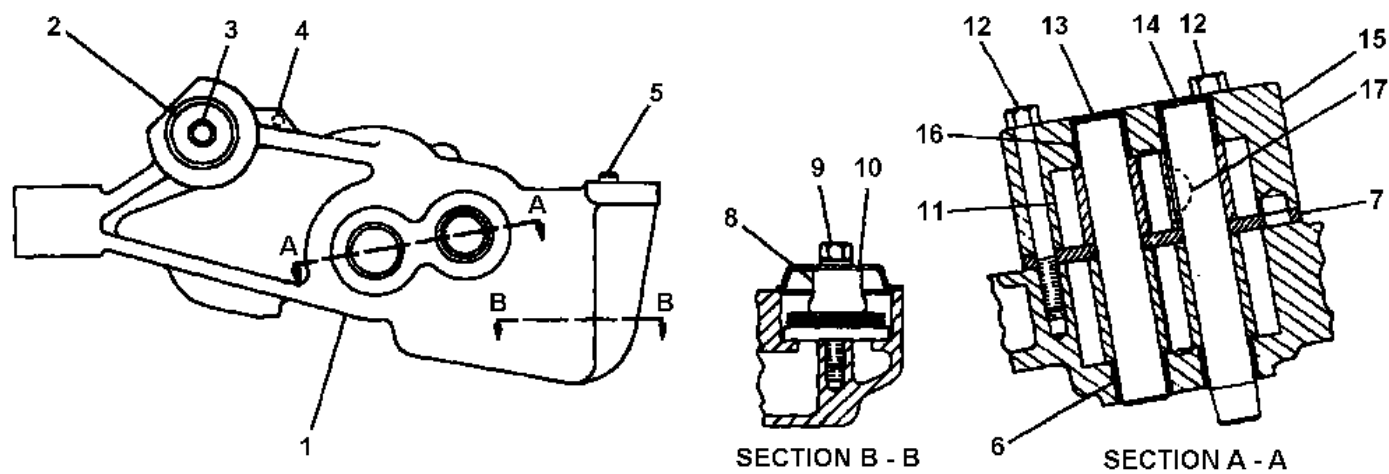
| Ref.                        | Part number | Description     | Qty | Code | Group page |
|-----------------------------|-------------|-----------------|-----|------|------------|
| 1                           | 3B-1915     | BOLT            | 2   |      |            |
|                             | 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 Part of Engine Oil Pump

Drawing 1 of 1

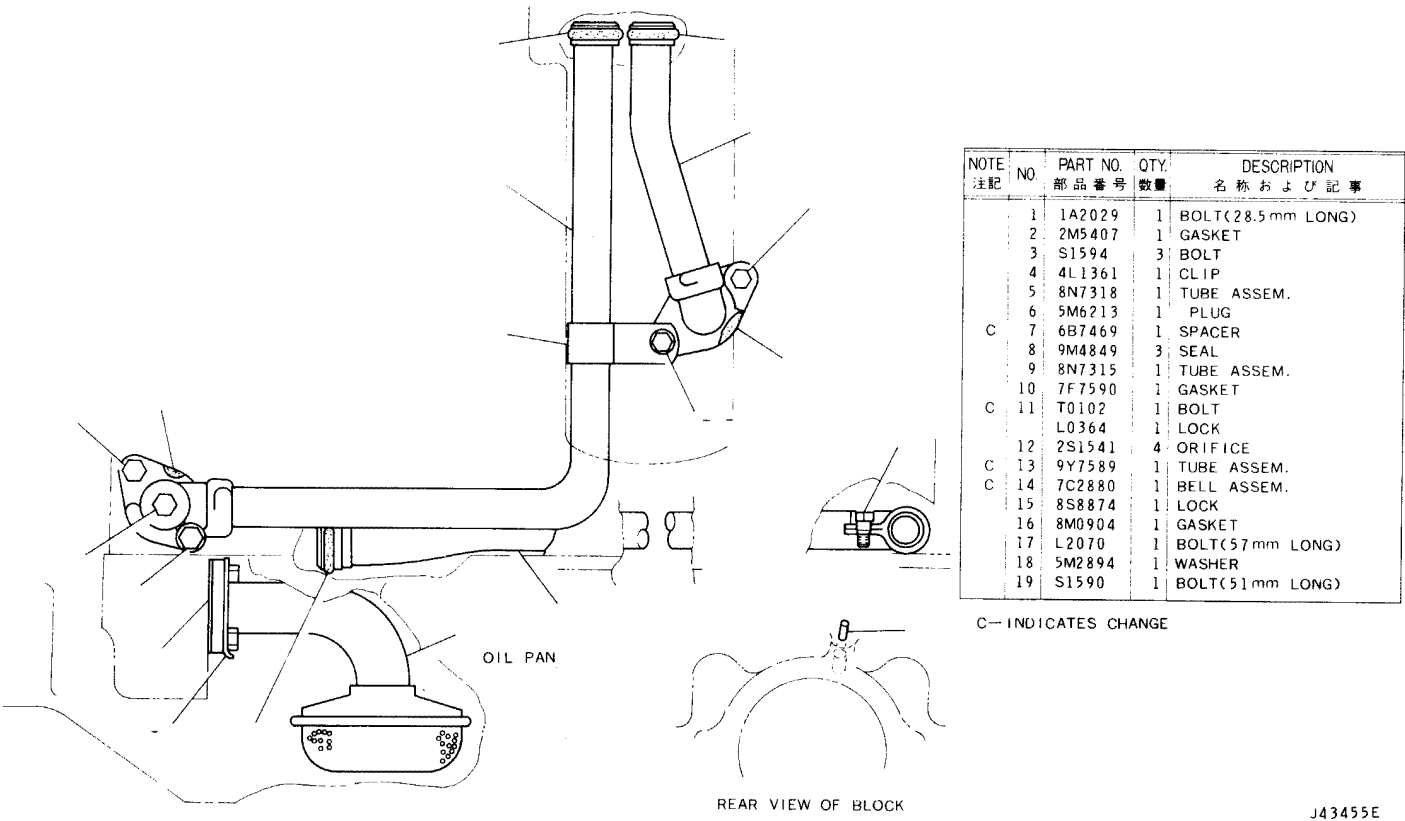


| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 4W-2322     | BODY ASSEM.    | 1   |      |            |
| 2    | 2P-1170     | SHAFT ASSEM.   | 1   |      |            |
| 3    | 4B-9782     | BALL           | 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-6512 LINES GP-ENGINE OIL

ENGINE OIL LINES (2P6512 N/S)

Drawing 1 of 1



| Ref. | Part number | Description         | Qty | Code | Group page |
|------|-------------|---------------------|-----|------|------------|
| 1    | 1A-2029     | BOLT (28.5 mm LONG) | 1   |      |            |
| 2    | 2M-5407     | GASKET              | 1   |      |            |
| 3    | 0S-1594     | BOLT                | 3   |      |            |
| 4    | 4L-1361     | CLIP                | 1   |      |            |
| 5    | 8N-7318     | TUBE ASSEM.         | 1   |      |            |
| 6    | 5M-6213     | PLUG                | 1   |      |            |
| 7    | 6B-7469     | SPACER              | 1   | C    |            |
| 8    | 9M-4849     | SEAL                | 3   |      |            |
| 9    | 8N-7315     | TUBE ASSEM.         | 1   |      |            |
| 10   | 7F-7590     | GASKET              | 1   |      |            |
| 11   | 0T-0102     | BOLT                | 1   | C    |            |
|      | 0L-0364     | LOCK                | 1   |      |            |
| 12   | 2S-1541     | ORIFICE             | 4   |      |            |
| 13   | 9Y-7589     | TUBE ASSEM.         | 1   | C    |            |
| 14   | 7C-2880     | BELL ASSEM.         | 1   | C    |            |
| 15   | 8S-8874     | LOCK                | 1   |      |            |
| 16   | 8M-0904     | GASKET              | 1   |      |            |

2P-6512 LINES GP-ENGINE OIL (continued)

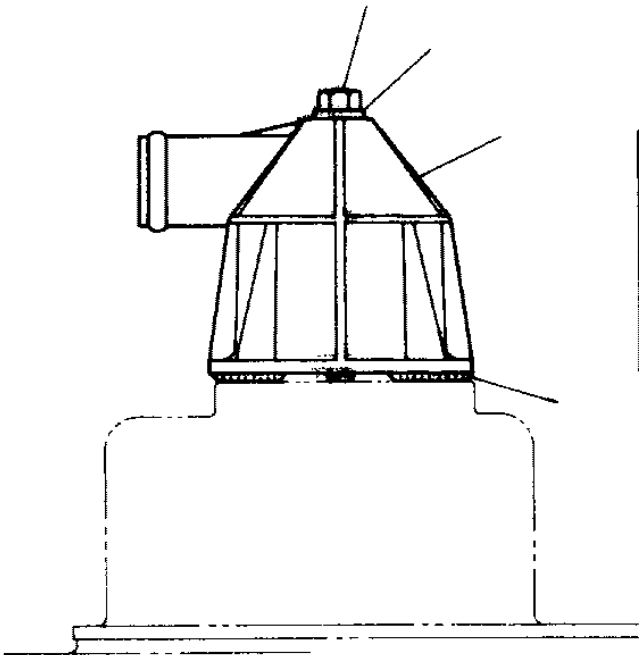
| Ref. | Part number | Description       | Qty | Code | Group page |
|------|-------------|-------------------|-----|------|------------|
| 17   | 0L-2070     | BOLT (57 mm LONG) | 1   |      |            |
| 18   | 5M-2894     | WASHER            | 1   |      |            |
| 19   | 0S-1590     | BOLT (51 mm LONG) | 1   |      |            |

CAT codes: C.

1P-4244 BREATHER GP

BREATHER (1P4244 N/S)

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                   |

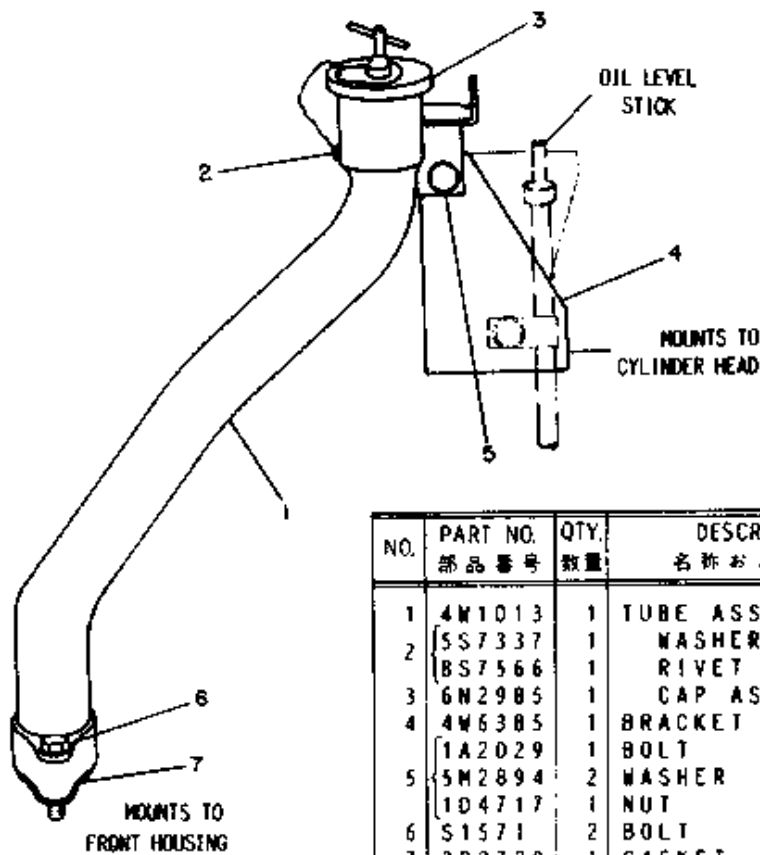
J36868E

| 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   |      |            |

4W-1767 FILLER GP-OIL

OIL FILLER (4W1767 N/S)

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   | 4W1013           | 1          | TUBE ASSEM.            |
| 2   | 5S7337           | 1          | WASHER                 |
|     | 8S7566           | 1          | RIVET                  |
| 3   | 6N2985           | 1          | CAP ASSEM.             |
| 4   | 4W6385           | 1          | BRACKET ASSEM.         |
|     | 1A2029           | 1          | BOLT                   |
| 5   | 5M2894           | 2          | WASHER                 |
|     | 1D4717           | 1          | NUT                    |
| 6   | S1571            | 2          | BOLT                   |
| 7   | 2P2720           | 1          | GASKET                 |

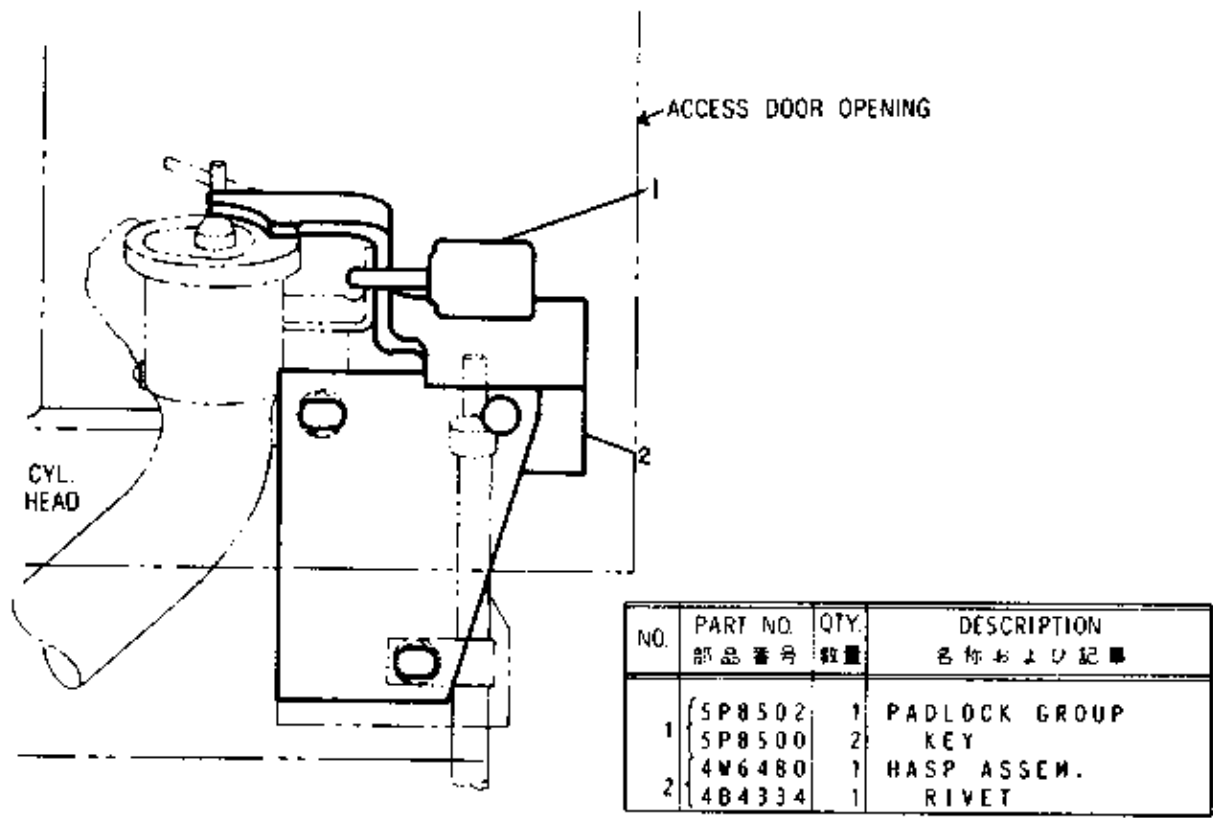
J29950E

| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 4W-1013     | TUBE ASSEM.    | 1   |      |            |
| 2    | 5S-7337     | WASHER         | 1   |      |            |
|      | 8S-7566     | RIVET          | 1   |      |            |
| 3    | 6N-2985     | CAP ASSEM.     | 1   |      |            |
| 4    | 4W-6385     | BRACKET ASSEM. | 1   |      |            |
| 5    | 1A-2029     | BOLT           | 1   |      |            |
|      | 5M-2894     | WASHER         | 2   |      |            |
|      | 1D-4717     | NUT            | 1   |      |            |
| 6    | 0S-1571     | BOLT           | 2   |      |            |
| 7    | 2P-2720     | GASKET         | 1   |      |            |

4W-1686 PROTECTION GP-VANDALISM

VANDALISM PROTECTION (4W1686 N/S)--Oil Filler & Oil Level Gauge Part of 3W1042 and 3W1043 Vandalism Protection Arrangements listed on Page 352 AN ATTACHMENT

Drawing 1 of 1



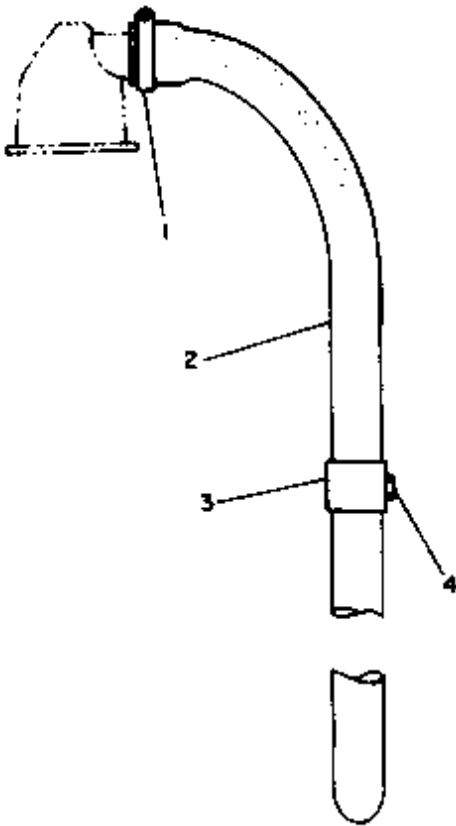
J30105E

| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 1    | 5P-8502     | PADLOCK GROUP | 1   |      |            |
|      | 5P-8500     | KEY           | 2   |      |            |
| 2    | 4W-6480     | HASP ASSEM.   | 1   |      |            |
|      | 4B-4334     | RIVET         | 1   |      |            |

8N-9076 FUMES DISPOSAL GP

FUMES DISPOSAL (8N9076 N/S)

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   | 9M2904           | 1          | CLAMP                  |
| 2   | 4W2181           | 1          | HOSE                   |
| 3   | 4D7388           | 1          | CLIP                   |
| 4   | 51618            | 1          | BOLT                   |

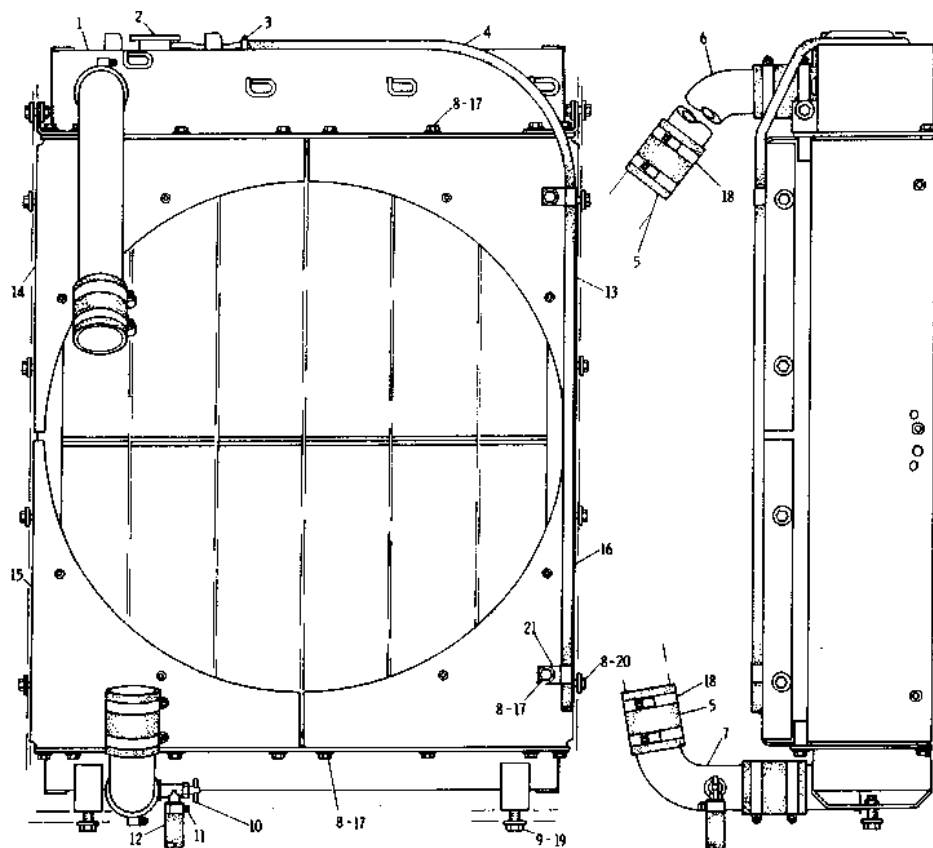
J29951E

| Ref. | Part number | Description | Qty | Code | Group<br>page |
|------|-------------|-------------|-----|------|---------------|
| 1    | 9M-2904     | CLAMP       | 1   |      |               |
| 2    | 4W-2181     | HOSE        | 1   |      |               |
| 3    | 4D-7388     | CLIP        | 1   |      |               |
| 4    | 0S-1618     | BOLT        | 1   |      |               |

## 4P-0497 RADIATOR GP

RADIATOR (4P497 N/S) 9Y8531-Page 34

Drawing 1 of 1



| NOTE<br>注記 | NO. | PART NO.<br>部品番号 | QTY.<br>数量 | DESCRIPTION<br>名称および記号                |
|------------|-----|------------------|------------|---------------------------------------|
| Y          | 1   | BN9536           | 1          | RADIATOR GROUP<br>(FOR JAPAN)         |
| Y          |     | 9Y8531           | 1          | RADIATOR GROUP<br>(FOR OUTSIDE JAPAN) |
|            | 2   | 3Y2511           | 1          | CAP                                   |
|            | 3   | 1P4278           | 1          | CLAMP                                 |
| E          | 4   | 5P1420           | 1          | HOSE --- 173cm                        |
|            | 5   | 5P1262           | 4          | HOSE                                  |
|            | 6   | 7W6721           | 1          | TUBE                                  |
|            | 7   | 7W6720           | 1          | TUBE ASSEM.                           |
|            |     | 6B7246           | 1          | BOSS                                  |
|            | 8   | 4L6454           | 22         | BOLT                                  |
|            | 9   | 5P1076           | 2          | WASHER                                |
|            | 10  | 8F8151           | 1          | COCK                                  |
|            | 11  | 5D1026           | 1          | CLAMP                                 |
| E          | 12  | 5P0767           | 1          | HOSE --- 24cm                         |
|            | 13  | 9Y7721           | 1          | SHIELD ASSEM.                         |
|            |     | 9F2978           | 8          | NUT (WELD)                            |
|            | 14  | 7W6714           | 1          | SHIELD ASSEM.                         |
|            |     | 9F2978           | 7          | NUT (WELD)                            |
|            | 15  | 7W6716           | 1          | SHIELD ASSEM.                         |
|            |     | 9F2978           | 7          | NUT (WELD)                            |
|            | 16  | 9Y7722           | 1          | SHIELD ASSEM.                         |
|            |     | 9F2978           | 8          | NUT (WELD)                            |
|            | 17  | 5P1075           | 14         | WASHER                                |
|            | 18  | 5P4868           | 8          | CLAMP                                 |
|            | 19  | 5P2566           | 2          | BOLT                                  |
|            | 20  | 8T2561           | 8          | WASHER                                |
|            | 21  | 5B1345           | 2          | CLIP                                  |

Y - SEE SEPARATE  
ILLUSTRATION  
E - ORDER BY THE CM

J38756E

| Ref. | Part number | Description         | Qty | Code | Group page |
|------|-------------|---------------------|-----|------|------------|
| 1    | 8N-9536     | RADIATOR GROUP      | 1   | Y    |            |
|      |             | (FOR JAPAN)         |     |      |            |
|      | 9Y-8531     | RADIATOR GROUP      | 1   | Y    |            |
|      |             | (FOR OUTSIDE JAPAN) |     |      |            |
| 2    | 3Y-2511     | CAP                 | 1   |      |            |
| 3    | 1P-4278     | CLAMP               | 1   |      |            |
| 4    | 5P-1420     | HOSE 173 cm         |     | E    |            |
| 5    | 5P-1262     | HOSE                | 4   |      |            |
| 6    | 7W-6721     | TUBE                | 1   |      |            |
| 7    | 7W-6720     | TUBE ASSEM.         | 1   |      |            |
|      | 6B-7246     | BOSS                | 1   |      |            |
| 8    | 4L-6454     | BOLT                | 22  |      |            |
| 9    | 5P-1076     | WASHER              | 2   |      |            |
| 10   | 8F-8151     | COCK                | 1   |      |            |
| 11   | 5D-1026     | CLAMP               | 1   |      |            |
| 12   | 5P-0767     | HOSE 24 cm          |     | E    |            |

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