

# CATERPILLAR 225

20S / ZEBP0543

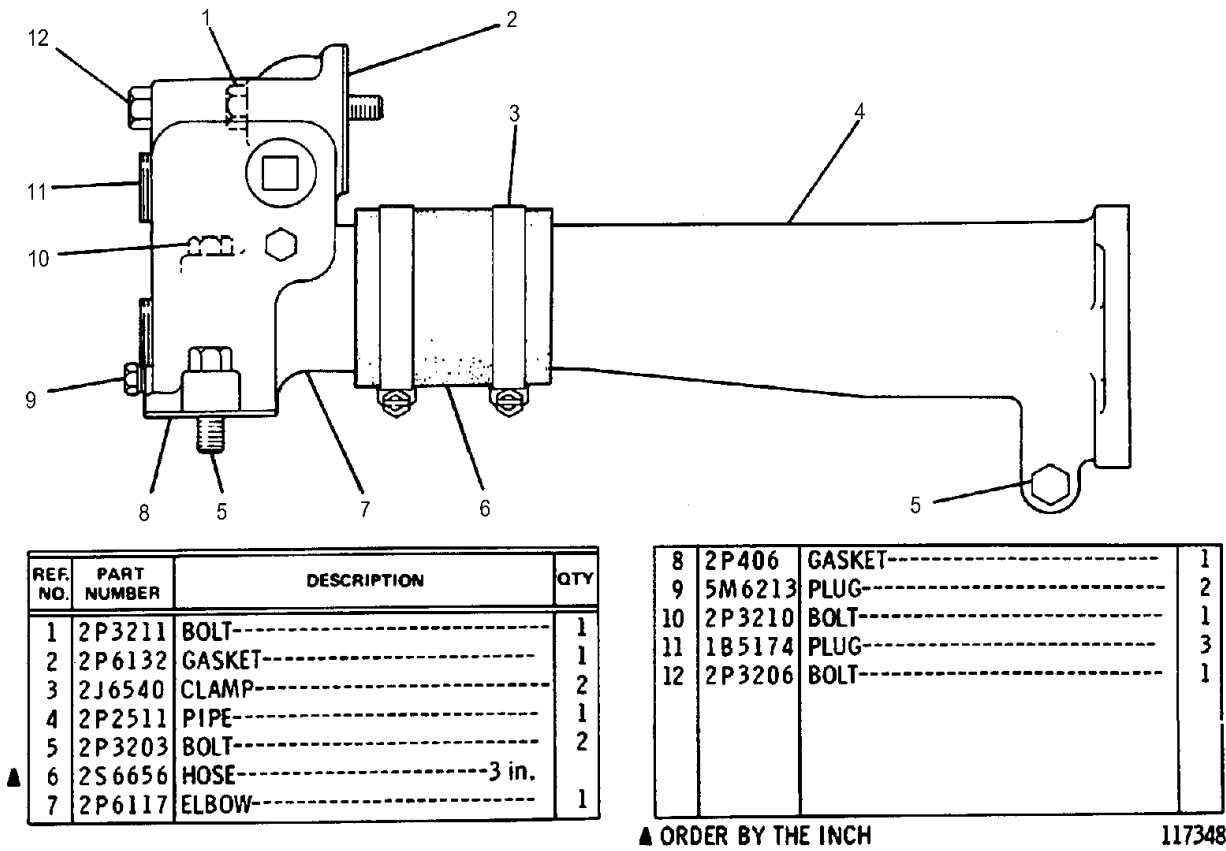
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2P-6188 LINES GP-WATER

2P6188 WATER LINES

Drawing 1 of 1



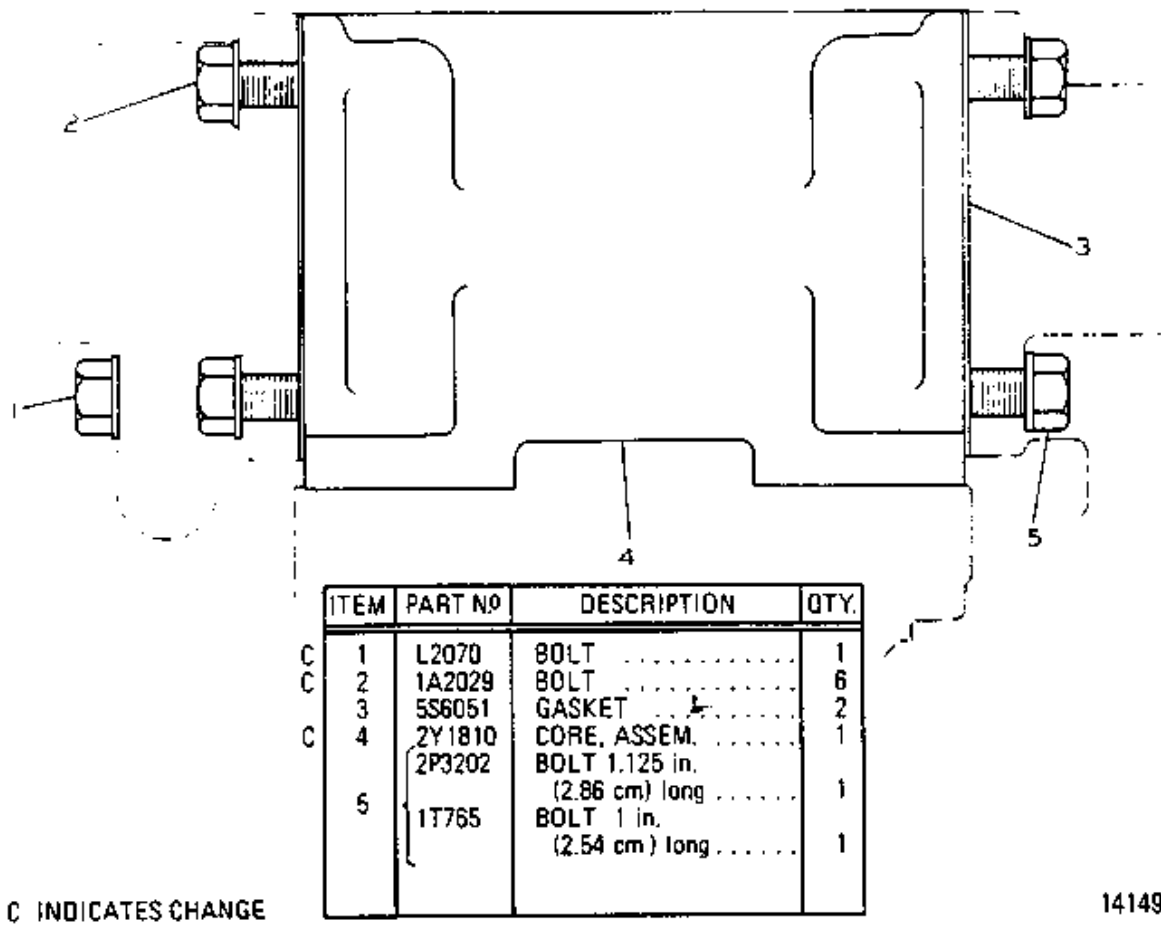
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 2P-3211     | BOLT        | 1   |      |            |
| 2    | 2P-6132     | GASKET      | 1   |      |            |
| 3    | 2J-6540     | CLAMP       | 2   |      |            |
| 4    | 2P-2511     | PIPE        | 1   |      |            |
| 5    | 2P-3203     | BOLT        | 2   |      |            |
| 6    | 2S-6656     | HOSE 3 in.  |     | G    |            |
| 7    | 2P-6117     | ELBOW       | 1   |      |            |
| 8    | 2P-0406     | GASKET      | 1   |      |            |
| 9    | 5M-6213     | PLUG        | 2   |      |            |
| 10   | 2P-3210     | BOLT        | 1   |      |            |
| 11   | 1B-5174     | PLUG        | 3   |      |            |
| 12   | 2P-3206     | BOLT        | 1   |      |            |

CAT codes: G.

2P-6215 COOLER GP-ENGINE OIL

2P6215 ENGINE OIL COOLER

Drawing 1 of 1



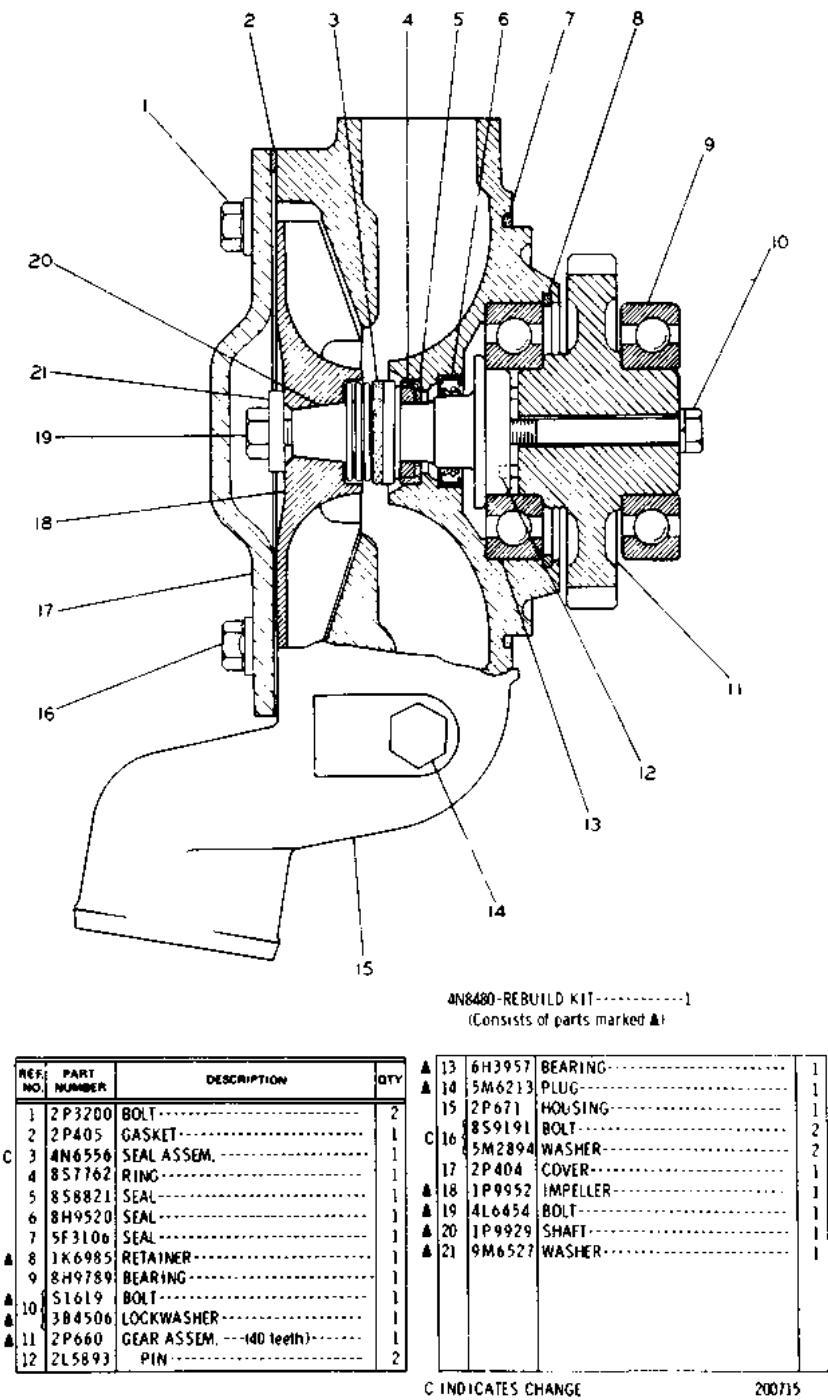
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 0L-2070     | BOLT                          | 1   | C    |            |
| 2    | 1A-2029     | BOLT                          | 6   | C    |            |
| 3    | 5S-6051     | GASKET                        | 2   |      |            |
| 4    | 2Y-1810     | CORE, ASSEM.                  | 1   | C    |            |
| 5    | 2P-3202     | BOLT 1.125 in. (2.86 cm) long | 1   |      |            |
|      | 1T-0765     | BOLT 1 in. (2.54 cm) long     | 1   |      |            |

CAT codes: INDICATES.

2P-0662 PUMP GP-WATER

2P662 WATER PUMP

Drawing 1 of 1



| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 2P-3200     | BOLT        | 2   |      |            |
| 2    | 2P-0405     | GASKET      | 1   |      |            |
| 3    | 4N-6556     | SEAL ASSEM. | 1   | C    |            |
| 4    | 8S-7762     | RING        | 1   |      |            |
| 5    | 8S-8821     | SEAL        | 1   |      |            |

2P-0662 PUMP GP-WATER (continued)

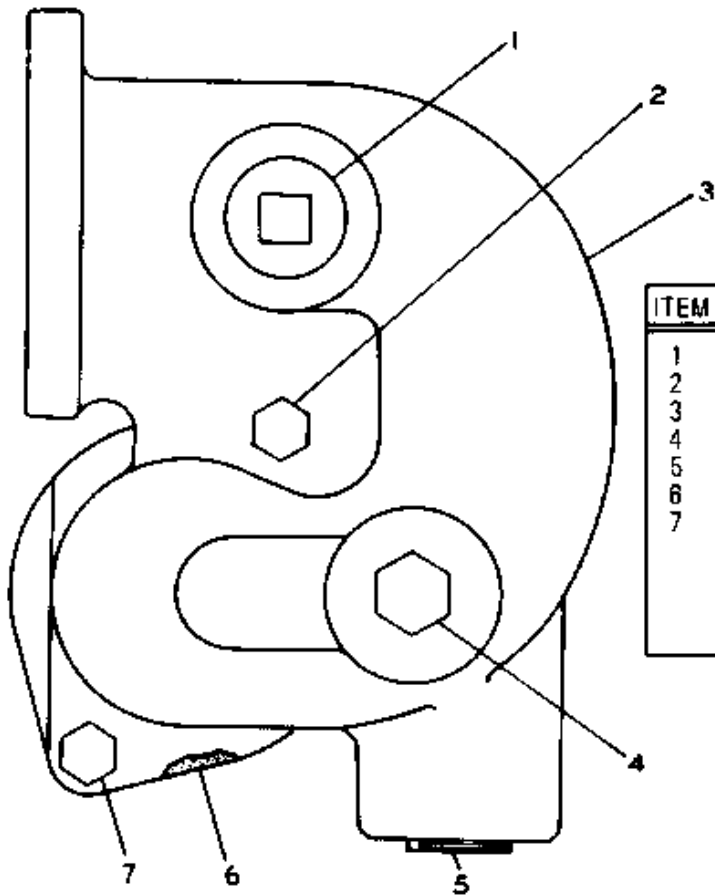
| Ref.                         | Part number | Description            | Qty | Code | Group page |
|------------------------------|-------------|------------------------|-----|------|------------|
| 6                            | 8H-9520     | SEAL                   | 1   |      |            |
| 7                            | 5F-3106     | SEAL                   | 1   |      |            |
| 8                            | 1K-6985     | RETAINER               | 1   | H    |            |
| 9                            | 8H-9789     | BEARING                | 1   |      |            |
| 10                           | 0S-1619     | BOLT                   | 1   | H    |            |
|                              | 3B-4506     | LOCKWASHER             | 1   | H    |            |
| 11                           | 2P-0660     | GEAR ASSEM. (40 teeth) | 1   | H    |            |
| 12                           | 2L-5893     | PIN                    | 2   |      |            |
|                              | 4N-8480     | REBUILD KIT            | 1   |      |            |
| (Consists of parts marked h) |             |                        |     |      |            |
| 13                           | 6H-3957     | BEARING                | 1   | H    |            |
| 14                           | 5M-6213     | PLUG                   | 1   | H    |            |
| 15                           | 2P-0671     | HOUSING                | 1   |      |            |
| 16                           | 8S-9191     | BOLT                   | 2   | C    |            |
|                              | 5M-2894     | WASHER                 | 2   |      |            |
| 17                           | 2P-0404     | COVER                  | 1   |      |            |
| 18                           | 1P-9952     | IMPELLER               | 1   | H    |            |
| 19                           | 4L-6454     | BOLT                   | 1   | H    |            |
| 20                           | 1P-9929     | SHAFT                  | 1   | H    |            |
| 21                           | 9M-6527     | WASHER                 | 1   | H    |            |

CAT codes: INDICATES.

2P-7740 LINES GP-WATER

2P7740 WATER ELBOW LINES GROUP

Drawing 1 of 1



| ITEM | PART N° | DESCRIPTION  | QTY. |
|------|---------|--------------|------|
| 1    | 3B551   | PLUG .....   | 1    |
| 2    | 2P1301  | BOLT .....   | 1    |
| 3    | 2P2677  | ELBOW .....  | 1    |
| 4    | 3J5390  | PLUG .....   | 1    |
| 5    | 1B5174  | PLUG .....   | 1    |
| 6    | 2P2516  | GASKET ..... | 1    |
| 7    | 2P3204  | BOLT .....   | 1    |

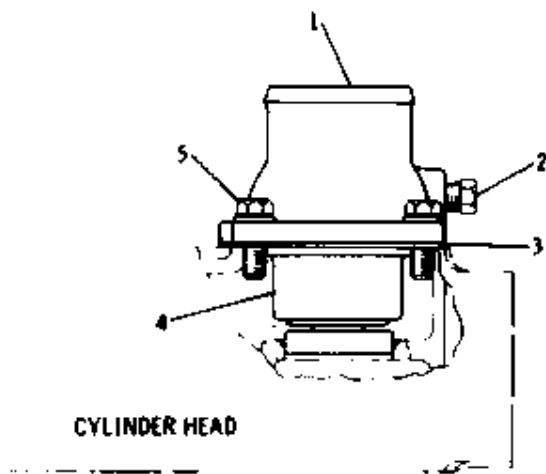
13313P

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 3B-0551     | PLUG        | 1   |      |            |
| 2    | 2P-1301     | BOLT        | 1   |      |            |
| 3    | 2P-2677     | ELBOW       | 1   |      |            |
| 4    | 3J-5390     | PLUG        | 1   |      |            |
| 5    | 1B-5174     | PLUG        | 1   |      |            |
| 6    | 2P-2516     | GASKET      | 1   |      |            |
| 7    | 2P-3204     | BOLT        | 1   |      |            |

3N-3271 HOUSING & REGULATOR GP

3N3271 HOUSING AND REGULATOR

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION | QTY |
|----------|-------------|-------------|-----|
| 1        | 1P9989      | PIPE        | 1   |
| 2        | 5M6213      | PLUG        | 1   |
| 3        | 2P2715      | GASKET      | 1   |
| 4        | 6N1848      | REGULATOR   | 1   |
| 5        | 2P3201      | BOLT        | 4   |

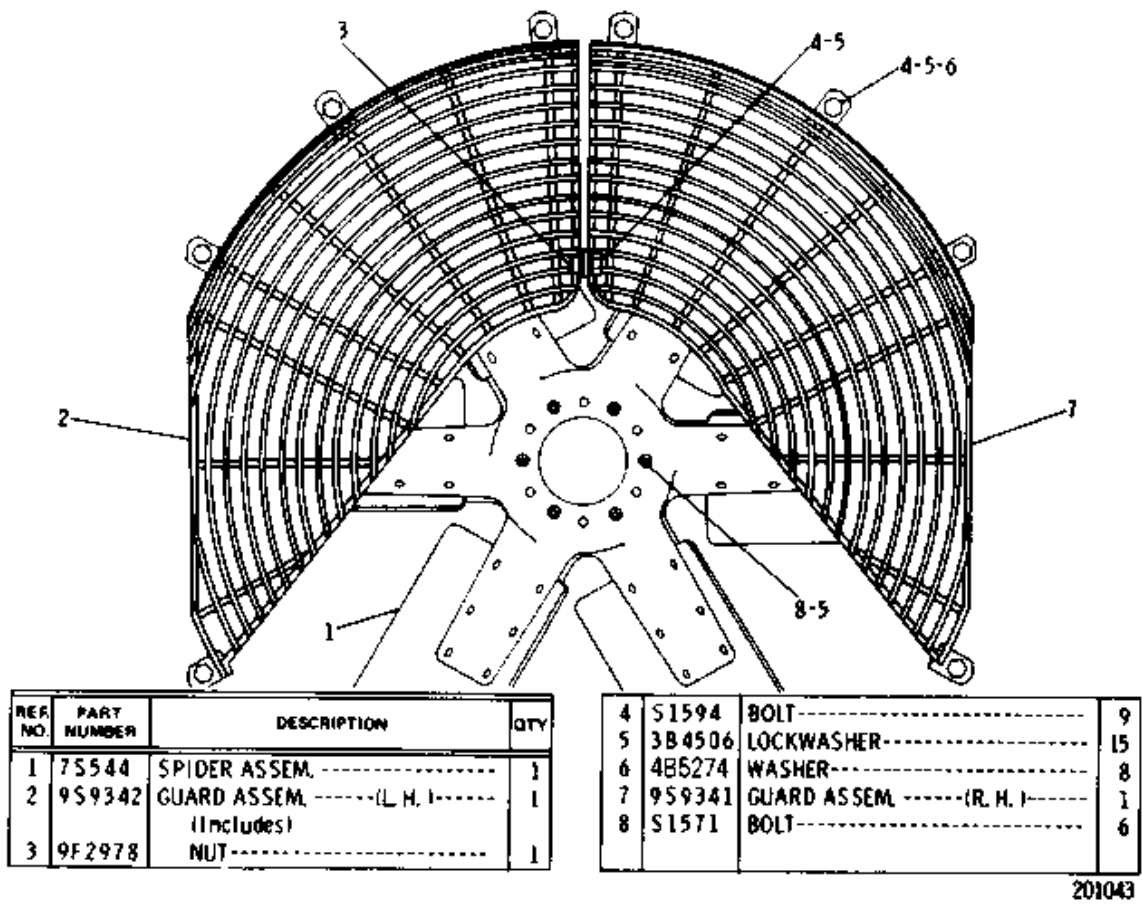
13307P

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 1P-9989     | PIPE        | 1   |      |            |
| 2    | 5M-6213     | PLUG        | 1   |      |            |
| 3    | 2P-2715     | GASKET      | 1   |      |            |
| 4    | 6N-1848     | REGULATOR   | 1   |      |            |
| 5    | 2P-3201     | BOLT        | 4   |      |            |

2P-0968 FAN GP-SUCTION

2P968 SUCTION FAN

Drawing 1 of 1

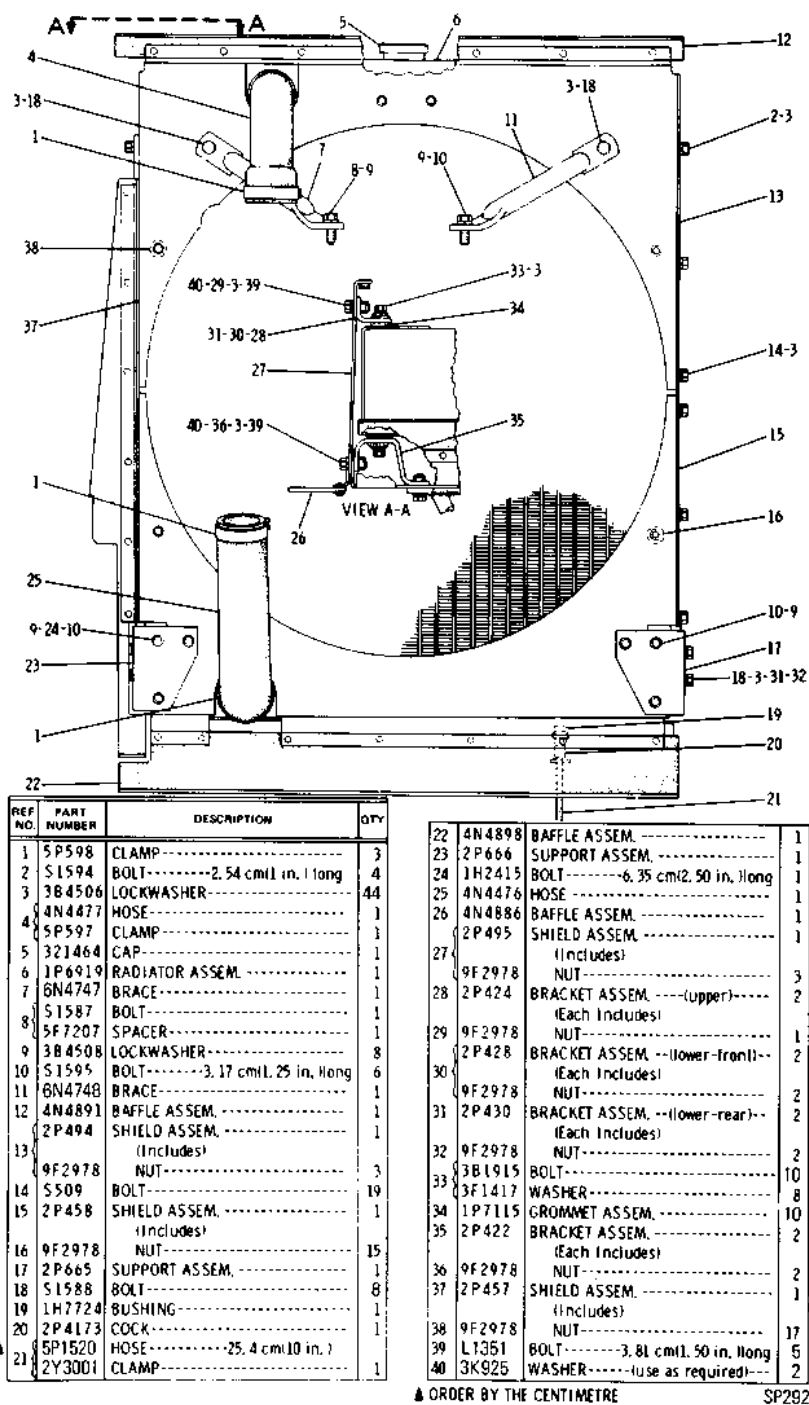


| Ref.       | Part number | Description         | Qty | Code | Group page |
|------------|-------------|---------------------|-----|------|------------|
| 1          | 7S-0544     | SPIDER ASSEM.       | 1   |      |            |
| 2          | 9S-9342     | GUARD ASSEM. (L.H.) | 1   |      |            |
| (Includes) |             |                     |     |      |            |
| 3          | 9F-2978     | NUT                 | 1   |      |            |
| 4          | 0S-1594     | BOLT                | 9   |      |            |
| 5          | 3B-4506     | LOCKWASHER          | 15  |      |            |
| 6          | 4B-5274     | WASHER              | 8   |      |            |
| 7          | 9S-9341     | GUARD ASSEM. (R.H.) | 1   |      |            |
| 8          | 0S-1571     | BOLT                | 6   |      |            |

## 2P-0971 RADIATOR

2P971 RADIATOR Note: 6F6041 Rust Inhibitor is available

Drawing 1 of 1



| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 5P-0598     | CLAMP                    | 3   |      |            |
| 2    | 0S-1594     | BOLT 2.54 cm(1 in.) long | 4   |      |            |
| 3    | 3B-4506     | LOCKWASHER               | 44  |      |            |
| 4    | 4N-4477     | HOSE                     | 1   |      |            |
|      | 5P-0597     | CLAMP                    | 1   |      |            |

**2P-0971 RADIATOR** (continued)

| Ref.            | Part number | Description                  | Qty | Code | Group page |
|-----------------|-------------|------------------------------|-----|------|------------|
| 5               | 032-1464    | CAP                          | 1   |      |            |
| 6               | 1P-6919     | RADIATOR ASSEM.              | 1   |      |            |
| 7               | 6N-4747     | BRACE                        | 1   |      |            |
| 8               | 0S-1587     | BOLT                         | 1   |      |            |
|                 | 5F-7207     | SPACER                       | 1   |      |            |
| 9               | 3B-4508     | LOCKWASHER                   | 8   |      |            |
| 10              | 0S-1595     | BOLT 3.17 cm(1.25 in.)long   | 6   |      |            |
| 11              | 6N-4748     | BRACE                        | 1   |      |            |
| 12              | 4N-4891     | BAFFLE ASSEM.                | 1   |      |            |
| 13              | 2P-0494     | SHIELD ASSEM.                | 1   |      |            |
| (Includes)      |             |                              |     |      |            |
|                 | 9F-2978     | NUT                          | 3   |      |            |
| 14              | 0S-0509     | BOLT                         | 19  |      |            |
| 15              | 2P-0458     | SHIELD ASSEM.                | 1   |      |            |
| (Includes)      |             |                              |     |      |            |
| 16              | 9F-2978     | NUT                          | 15  |      |            |
| 17              | 2P-0665     | SUPPORT ASSEM.               | 1   |      |            |
| 18              | 0S-1588     | BOLT                         | 8   |      |            |
| 19              | 1H-7724     | BUSHING                      | 1   |      |            |
| 20              | 2P-4173     | COCK                         | 1   |      |            |
| 21              | 5P-1520     | HOSE 25.4 cm(10 in.)         |     | H    |            |
|                 | 2Y-3001     | CLAMP                        | 1   |      |            |
| 22              | 4N-4898     | BAFFLE ASSEM.                | 1   |      |            |
| 23              | 2P-0666     | SUPPORT ASSEM.               | 1   |      |            |
| 24              | 1H-2415     | BOLT 6.35 cm(2.50 in.)long   | 1   |      |            |
| 25              | 4N-4476     | HOSE                         | 1   |      |            |
| 26              | 4N-4886     | BAFFLE ASSEM.                | 1   |      |            |
| 27              | 2P-0495     | SHIELD ASSEM.                | 1   |      |            |
| (Includes)      |             |                              |     |      |            |
|                 | 9F-2978     | NUT                          | 3   |      |            |
| 28              | 2P-0424     | BRACKET ASSEM. (upper)       | 2   |      |            |
| (Each Includes) |             |                              |     |      |            |
| 29              | 9F-2978     | NUT                          | 1   |      |            |
| 30              | 2P-0428     | BRACKET ASSEM. (lower-front) | 2   |      |            |
| (Each Includes) |             |                              |     |      |            |
|                 | 9F-2978     | NUT                          | 2   |      |            |

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