

# PARTS & SERVICE NEWS

REF NO. AA02188

DATE July 17, 2002

Page 1 of 4

**SUBJECT:** MUFFLER CORROSION

**PURPOSE:** To inform the field of a procedure for adding drain tubes to the mufflers to prevent corrosion.

**APPLICATION:** Komatsu Wheel Loaders:  
WA800-3LC: A50023 & A50024;  
WA900-3LC: A50019 & A50020

**FAILURE CODE:** A1TODD

**DESCRIPTION:**

Some wheel loaders in operation may experience muffler corrosion due to the lack of drain piping. The lack of drain piping can cause a buildup of water in the muffler leading to corrosion and premature muffler failure. A procedure has been developed for adding drain piping to the mufflers to help prevent this problem from occurring. The parts listed in the table below are necessary to modify the mufflers.

MUFFLER REWORK PARTS LIST		
Part Number	Description	Quantity
427-01-A1870	Tube	2
427-01-A2160	Tube	1
427-01-A2170	Tube	1

**MUFFLER DRAIN REWORK PROCEDURE**

1. Remove the exhaust stacks and the engine hood from the machine. Refer to Figure 1.
2. Remove the mufflers and related piping from the top of the engine. Refer to Figure 2.
3. Rework each muffler as shown in Figure 3.
4. Re-install the mufflers and related piping.
5. Remove the plugs from bracket (3, Figure 4), and connect tube (2) to the bracket as shown.
6. Connect tube (4) to the other side of bracket (3) as shown in Figure 4.
7. Re-install the engine hood and the exhaust stacks.

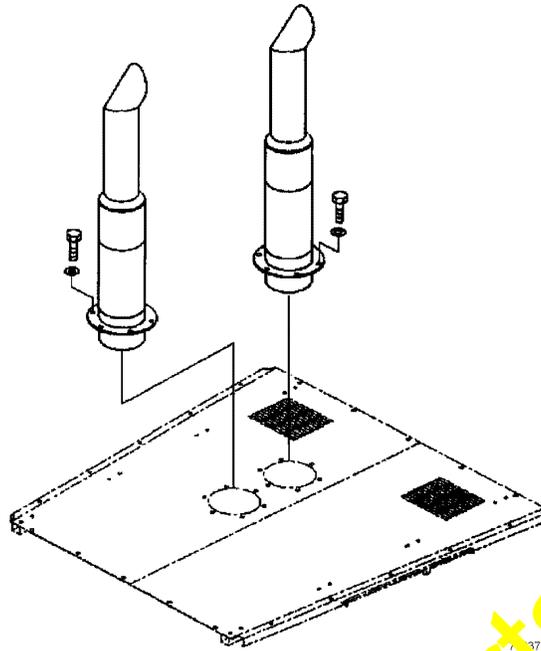


FIGURE 1. EXHAUST STACKS & ENGINE HOOD

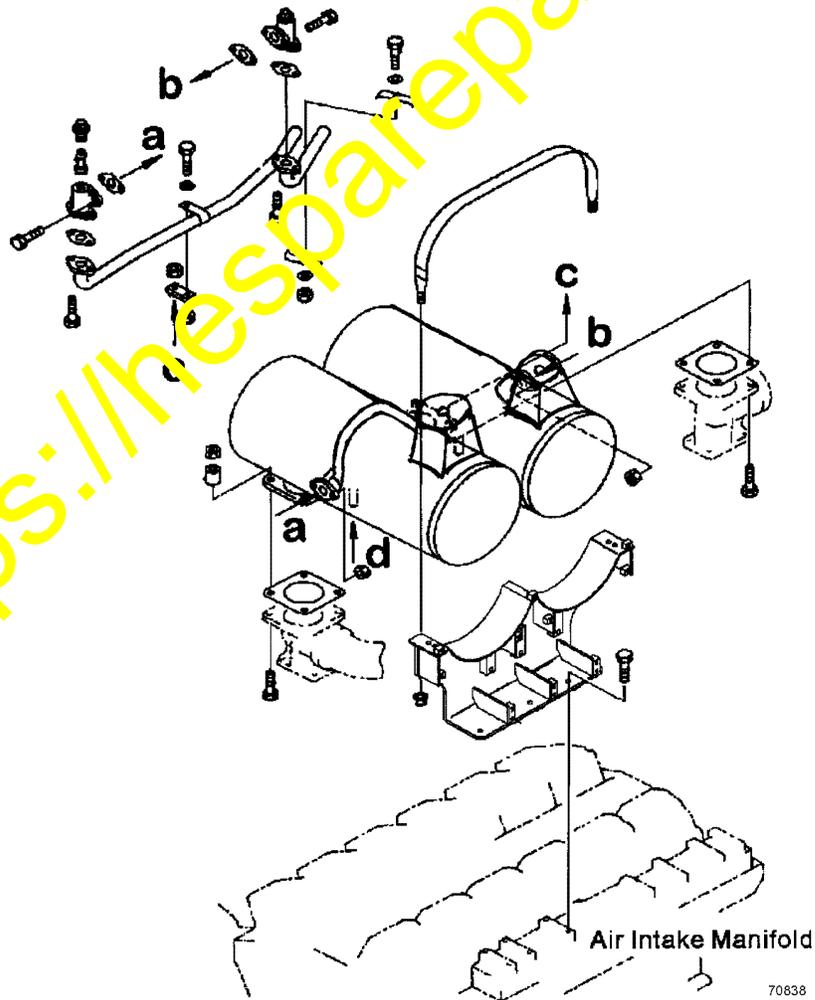
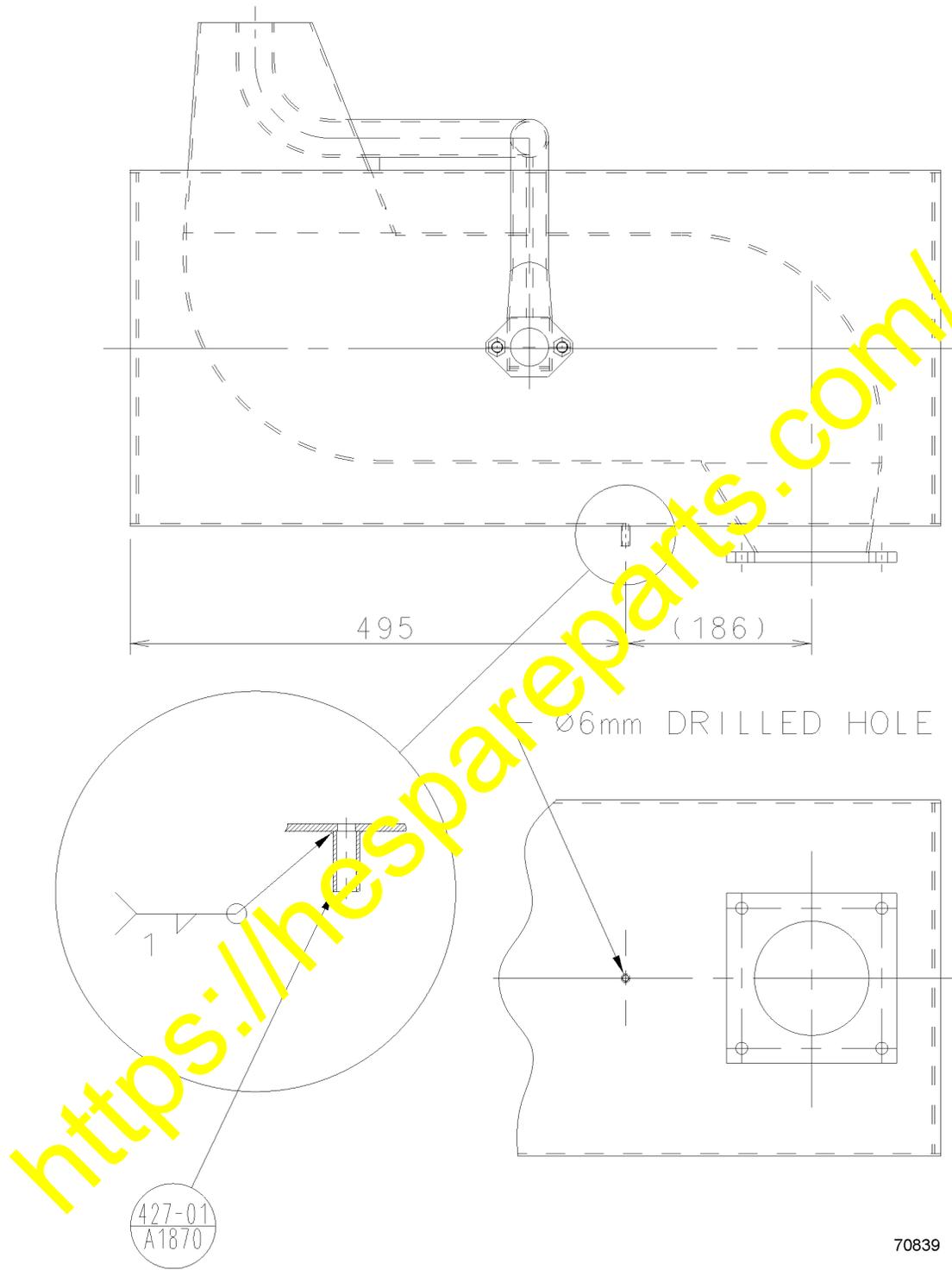
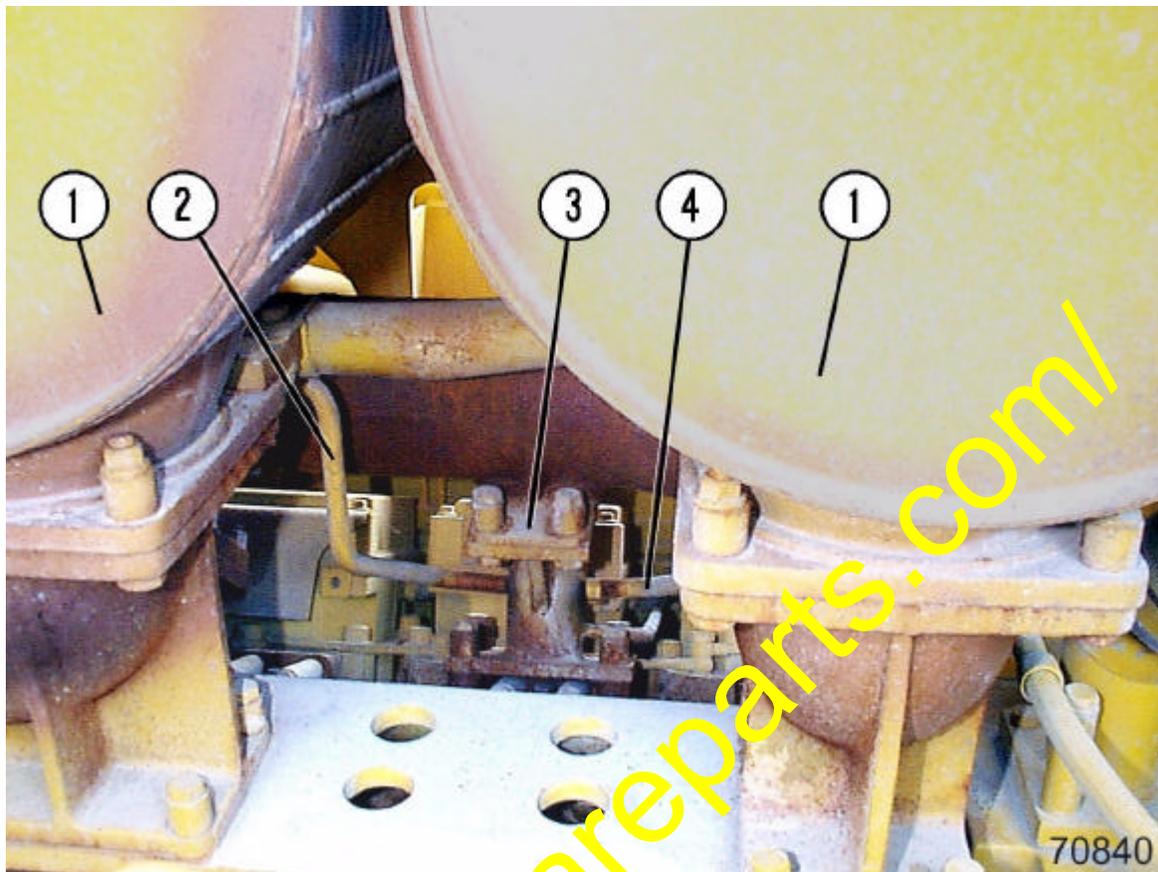


FIGURE 2. MUFFLER INSTALLATION



NOTE: All dimensions in mm.

FIGURE 3. MUFFLER REWORK



- |                        |                        |
|------------------------|------------------------|
| 1. Mufflers            | 3. Bracket             |
| 2. Tube (427-01-A2170) | 4. Tube (427-01-A2160) |

FIGURE 4 DRAIN PIPING INSTALLATION