



# Product Support Bulletin 2008-013

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## Maintenance of Way ~ Work Equipment Bulletin

**DATE:** January 13, 2009

**SUBJECT:** Replacement Horizontal Muffler Kit for Cummins B4.5T Engines – 98412438

**RATING:**  **DIRECTIVE**  
(Action is required)

**ALERT**  
(Potential Problem)

**INFORMATION**  
(Action is optional)

**PRODUCT IMPROVEMENT**  
(Enhance Product)

**MACHINE MODEL(S):** Anchor Applicator  
SP2R Spike Puller

**SERIAL NUMBER(S):** Anchor Applicator: 680308-680315, 680325-680326  
SP2R Spike Puller: 310020, 310025-310028, 310055-310056, 310075, 310098, 310101-310103

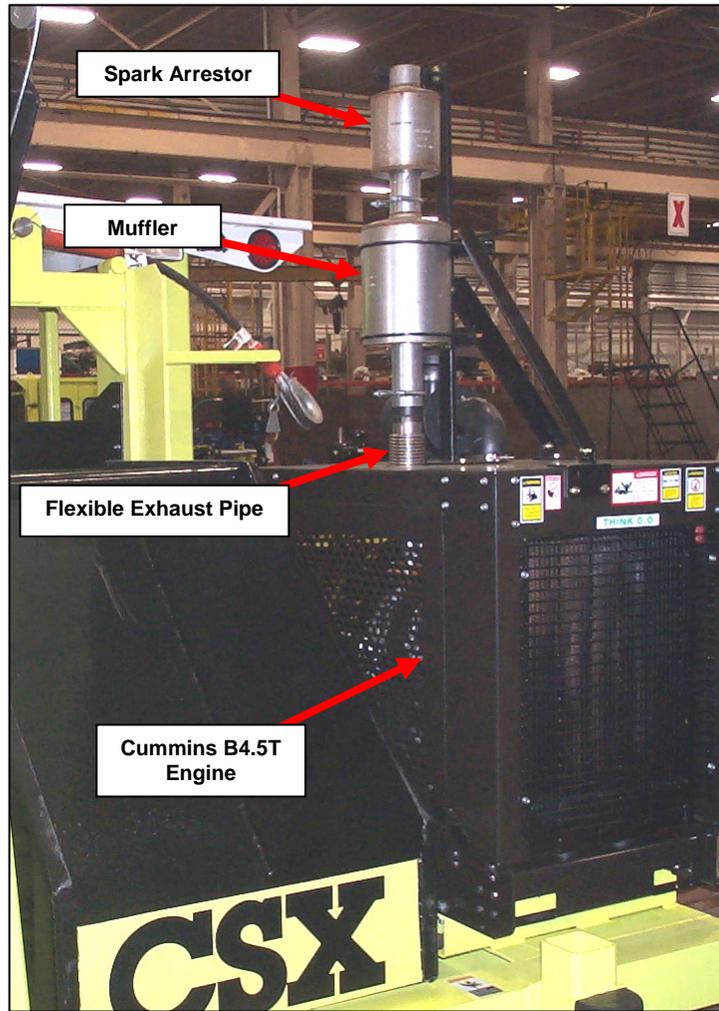
**SUMMARY:** The original muffler on these machines was oriented vertically. The muffler was connected to the engine exhaust with a flexible, corrugated bellows-type exhaust pipe. Over time, machine vibration may cause the pipe to fail. See Figure 1 on Page 2. To solve this problem, a horizontally mounted muffler is now available. This muffler is available in the **Horizontal Muffler Kit, p/n 98412438**.

**OPERATIONAL IMPACT:** When the flexible pipe breaks, exhaust gases bypass the muffler. This will cause excessive engine noise and exhaust gases can be blown into the operator's cab. Water may also enter the engine exhaust manifold through the broken pipe.

**ACTION:** After the original vertical muffler is removed from the engine, the Horizontal Muffler Kit may be installed. Installation will involve drilling new 3/8" diameter mounting holes for the muffler, installing the muffler and exhaust pipe and installing the new exhaust pipe support braces. See Figure 2 on Page 3. Installation should take about an hour. **Be sure to follow all Lock Out/Tag Out procedures before installing this kit.**

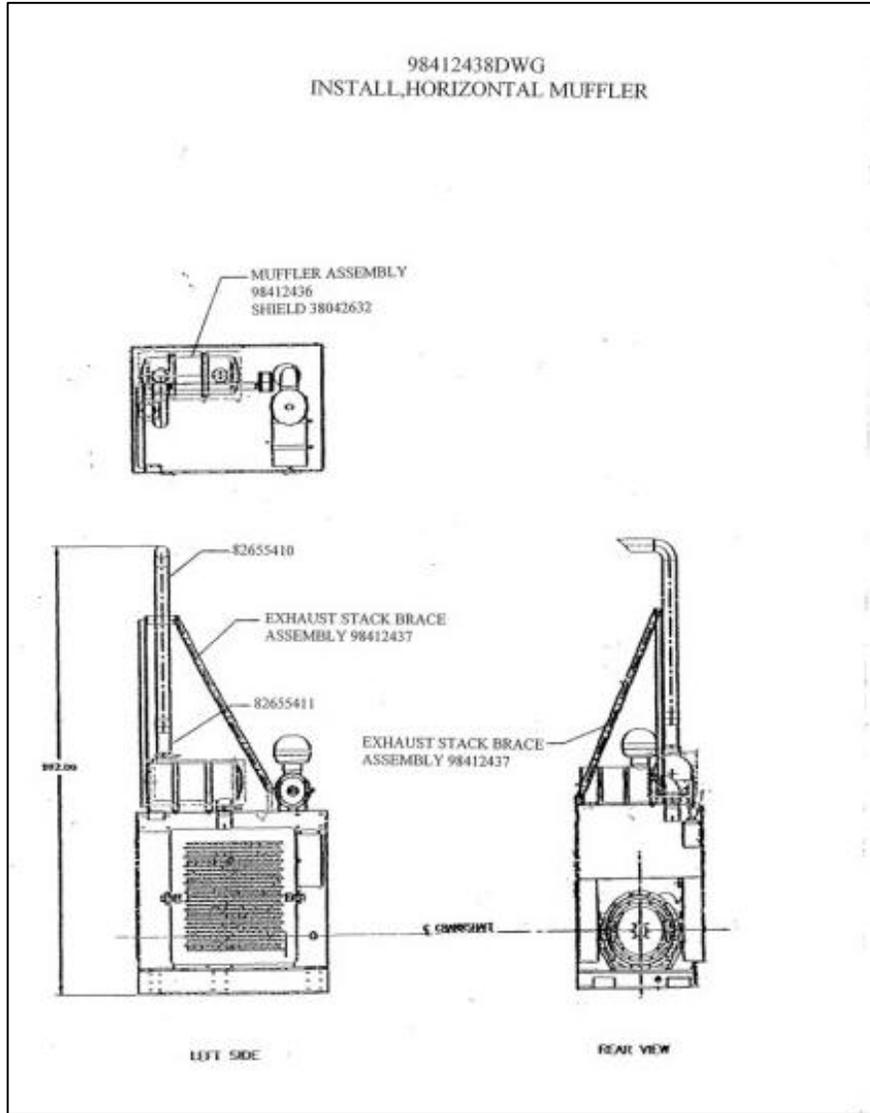
**WARRANTY:** None





**Figure 1**

Vertically Oriented Muffler and Flexible Exhaust Pipe  
(Anchor Applicator shown, SP2R Spike Puller is similar)



**Figure 2**  
Horizontally Oriented Muffler Kit - 98412438