

**No.: 05 TS – 05Rev**  
February 9, 2006

TO: DDC Distributors, FLLC Dealers

FROM: Technical Service

SUBJECT: **MBE900 Frozen Breather Tubes**

### ISSUE

- The end of the breather tube can potentially freeze on MBE900 engines under extremely cold operating conditions.
- The breather tube is currently routed along the right side, near the front of the engine and down past the oil pan rail close to the bottom of the oil pan (see Figure 1).

### REQUIRED ACTION

- Replace the breather tube with the improved design.
- The new design incorporates a larger diameter at the end of the tube, slightly shorter length, and a 45-degree angle cut at the end of the tube (see Figure 2).
- These changes will help keep the tube warmer and reduce the chance of snow and slush from the roadway coming in contact with the tube and subsequently freezing.
- The new tube became effective with engine serial number 90291900526389 built on October 19, 2005.



Figure 1 - Frozen Breather Tube

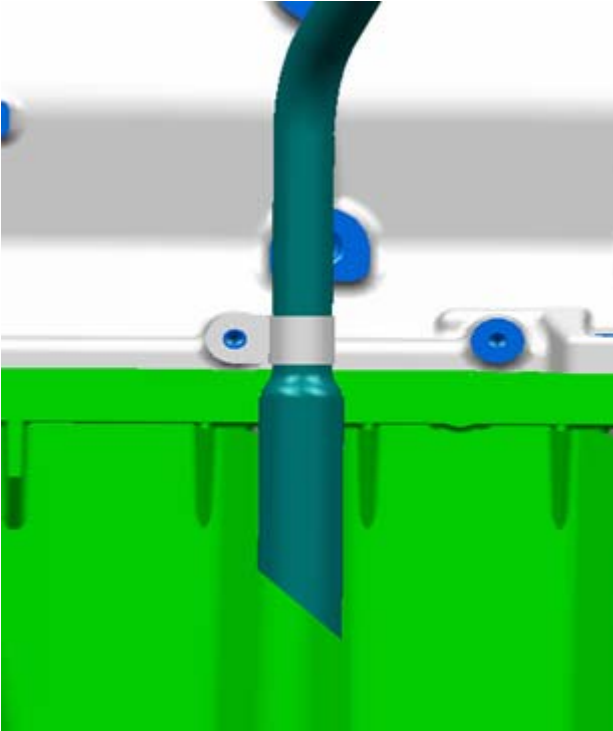


Figure 2 - New Breather Tube

**REQUIRED MATERIAL**

The improved breather tube is P/N: 9060181712.

**REPAIR PROCEDURE**

Repair procedures can be found in the *MBE900 Service Manual* (6SE414).

**CONTACT INFORMATION**

Please contact the DDC Customer Support Center at 313-592-5800 if you have any questions.