

SPARTAN MOTORS CHASSIS, INC.

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NHTSA # 09V-185

June, 2009

RECALL SERVICE BULLETIN

SUBJECT: Exhaust- Extension tube

APPLIES TO: Certain Spartan Firetruck Cab/Chassis equipped with a CAT C-13 engine and having a VDM (Vehicle Date of Manufacture) of August 2, 2007 through April 23, 2009.

CONDITION: Caterpillar has indicated After Treatment Regen Device (ARD) may develop a crack, or hole, allowing heat or flame to escape during a regeneration cycle. (CAT Recall 08E-054, REBE 5001-00).

CAUSE: Extension tube materials are inferior

CORRECTION: Replace extension tube

PLEASE READ THE ENTIRE BULLETIN BEFORE PROCEEDING WITH ANY WORK AND CONTACT SPARTAN CHASSIS INC. IF THERE ARE ANY CONCERNS WITH THE PROCEDURES CONTAINED IN THIS DOCUMENT.

PART / SERVICE INFORMATION:

Labor Time: Refer To CAT Bulletin

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-2156-001	Kit- EXHAUST TUBE,C13,PTO CLEARANCE

Kit # S-2156-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	2073-LL2-001	Tube-PTO
1	RSB09-290-001	Document Instructions

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards, disconnect any necessary power source and secure vehicle for replacing exhaust extension tube.

NOTE: Attempt to install the CAT Extension Tube provided with the CAT ARD Recall. This tube will fit with most installations. If the tube does not align with the remaining exhaust without interfering with the transmission mounted PTO, the Spartan PTO Tube must be used in place of the CAT Tube.

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product specific nature in conjunction with industry standards. Professional Technicians are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.

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2. Remove insulation from the CAT Extension Tube and install it on the Spartan PTO Tube.
 - a) Remove three band clamps which secure the insulation to the CAT tube.
 - b) Remove the two-piece insulation from the CAT tube.
 - c) Install the insulation, using band clamps, to Spartan PTO Tube. The tubes are similar in shape but not the same, so the insulation will need to be slightly re-shaped to conform to tube.
3. Loose install the insulated Spartan PTO Tube to the ARD with the V-clamp provided with the CAT ARD Recall.
4. Loose install the aft end of the Spartan PTO Tube to the flex tube. Observe the alignment of the Spartan PTO Tube with the exhaust tube (Drop Tube) at the aft end of the flex tube. The alignment may be improved, if necessary, by loosening the Drop Tube clamps and rotating toward the outboard of the truck. Tighten clamps. Refer to CAT ARD Recall for torque specifications.
5. If any power source was disconnected reconnect power source.

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