

CERTAIN 2010 MODEL YEAR F- 650/750 VEHICLES EQUIPPED WITH AIR BRAKES – AIR BRAKE S-CAM TUBE LUBRICATION

OVERVIEW

In some of the affected vehicles, the S-cam tubes on the air brake axle assemblies were not greased. If the S-cam tube is not greased, corrosion may develop over time, which may restrict release of the service brake at the affected wheel. If this occurs, it could cause excessive brake temperatures, noise, brake fade, odor, smoke, brake pull and possibly longer stopping distances which could increase the risk of a crash.

Before demonstrating or delivering any of the vehicles involved in this recall, dealers are to lubricate the S-cam tube and check the S-cam for free movement at all four wheel locations.

SERVICE PROCEDURE

S-Cam Tube Lubrication

1. Make sure the vehicle is on level ground and block the wheels by means other than the air brake system to prevent the vehicle from rolling.
2. **Note:** The amount of grease required can vary from several ounces to a maximum of 28 ounces since the S-cam tube may or may not be completely empty.

Note: The S-cam tube is completely full when grease appears from the S-cam tube seal next to the slack adjuster.

At all wheel locations, clean the grease fitting and fill the S-cam tube with Motorcraft® Premium Long-Life Grease (XG-1-C) or equivalent. See Figure 1 (front S-cam tube) and Figure 2 (rear S-cam tube).

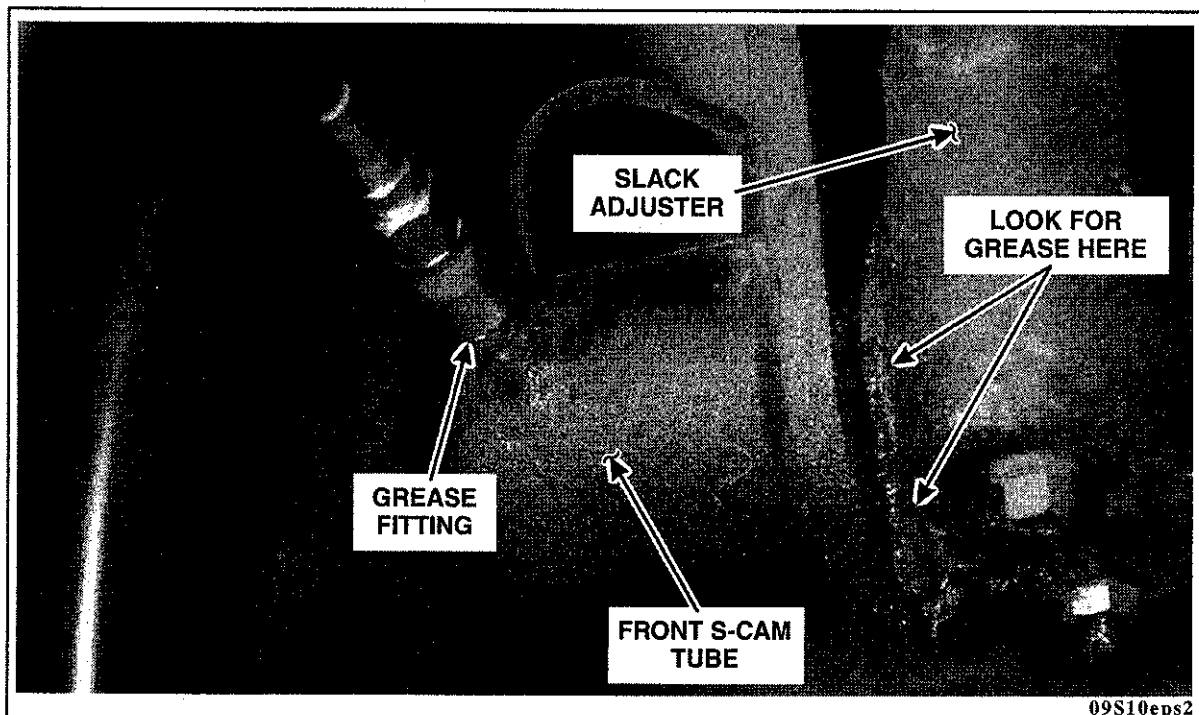


FIGURE 1



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12/09

STEP 2 CONTINUED

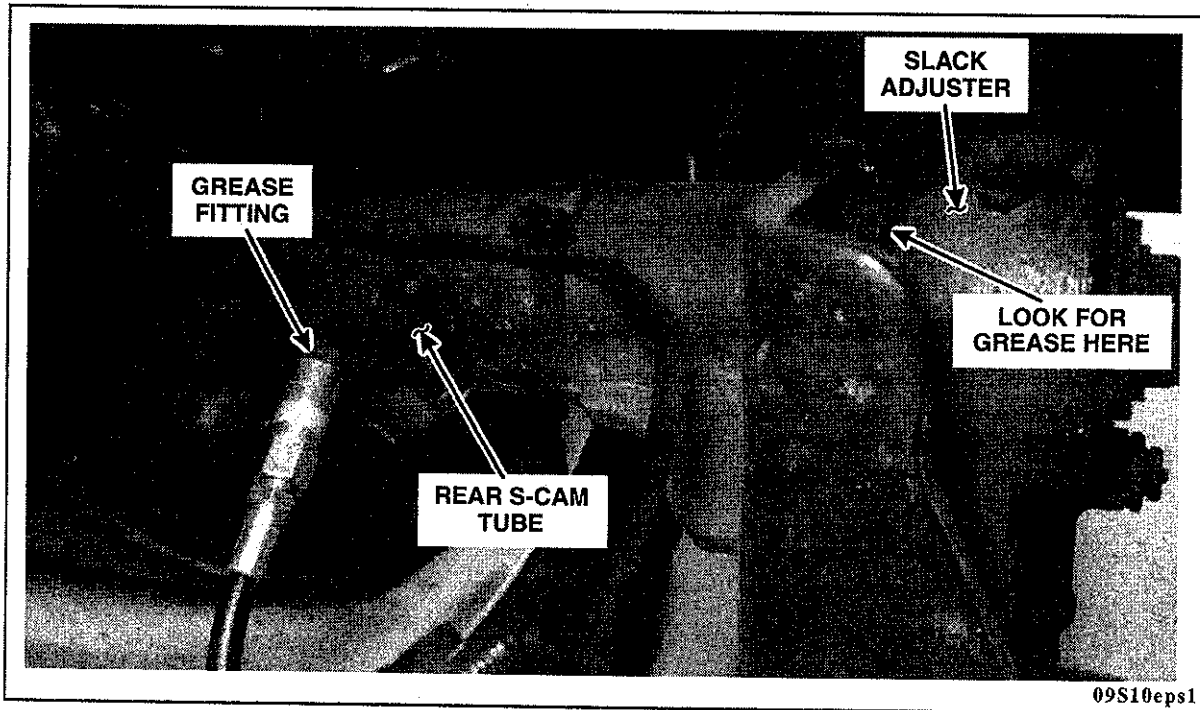


FIGURE 2

S-Cam Free Movement Check

1. Make sure the vehicle has sufficient air pressure (greater than 552 kPa or 80 psi) within the air brake system to ensure proper operation.
2. Release the parking brake.
3. Check for free movement of the slack adjusters and the S-cam shafts at all four wheel locations. The slack adjusters and S-cam shafts should rotate freely without binding when the brakes are applied or released.
4. Do the slack adjusters and S-cam shafts move freely and return properly?
 - If yes, no further action is required. Remove the wheel blocks and release the vehicle.
 - If no, this is considered related damage. Please call the Special Service Support Center at 1-800-325-5621.

