



SB-10047205-6526
**Service Brake Switch
Replacement**

BULLETIN

**Models Affected: Certain 2013 Model Year Propane Vision Buses
Equipped with Ford 6.8L Engines**

ISSUE

Certain 2013 model year propane Vision buses equipped with Ford 6.8L engines may not have the service brake switch installed and adjusted properly. This can result in the service brake lamps remaining on without the service brake applied.

CORRECTIVE ACTION

The service brake switch and the switch mounting bracket must be replaced and adjusted per the following instructions.

PROCEDURE

WARNING: Always follow all Federal, State, Local, and Shop safety standards and use proper safety equipment when performing these procedures. Observe all safety precautions to secure the bus from rolling. Park the bus on a level surface, apply parking brakes, turn off engine and remove keys. Chock wheels.

1. Read and understand instructions before proceeding with removal and installation of the service brake switch, and mounting bracket. See page 2 and 3 for component detail views.
2. On air brake buses start the engine and run until air system is at normal operating pressure (110–120 psi) if required. Once normal operating pressure is achieved turn engine off and remove keys.
3. Remove existing service brake switch and mounting bracket. See “Switch Installed” detail for location of switch and bracket. Note: New switch should **NOT** be installed until new bracket is installed and adjusted.
4. Install new switch mounting bracket. See “View A”. Tighten switch mounting bracket fasteners to a torque of 35-50 in-lbs. Loosen lower nut securing pedal bracket so pedal bracket can rotate freely as indicated in “View A”.
5. While lightly pushing down on the pedal to remove the small amount of “play” in the pedal linkage, rotate pedal bracket until it stops against the switch mounting bracket. Tighten bolt on pedal bracket to a torque of 50-57 ft-lbs. See “View B”.
6. Double check to make sure there is no gap between the two brackets when lightly pushing down on the pedal to remove the small amount of “play” in the pedal linkage. If any gap exists between the two brackets, loosen lower nut and go back to previous step until pedal bracket is adjusted properly. **CAUTION: DO NOT adjust pedal bracket such that service brakes are engaged without pressing the brake pedal.**
7. Install new switch by lightly pushing down on the brake pedal to allow clearance for switch installation. Insert new brake switch into the switch mounting bracket with the connector at the 7:00 o’clock position. See “View C”.
8. At the same time press and turn switch counter-clockwise until switch connector tabs lock into the mounting bracket at the 6:00 o’clock position. Switch self adjusts during this step. See “View D”.
9. Reconnect DCM wiring harness connector to service brake switch. See “View E”.
10. Apply service brake pedal and verify service brake lamps are on when applied and off when service brake pedal is released.
11. Return bus to service.

S 1 2 V M

S E R V I C E B U L L E T I N

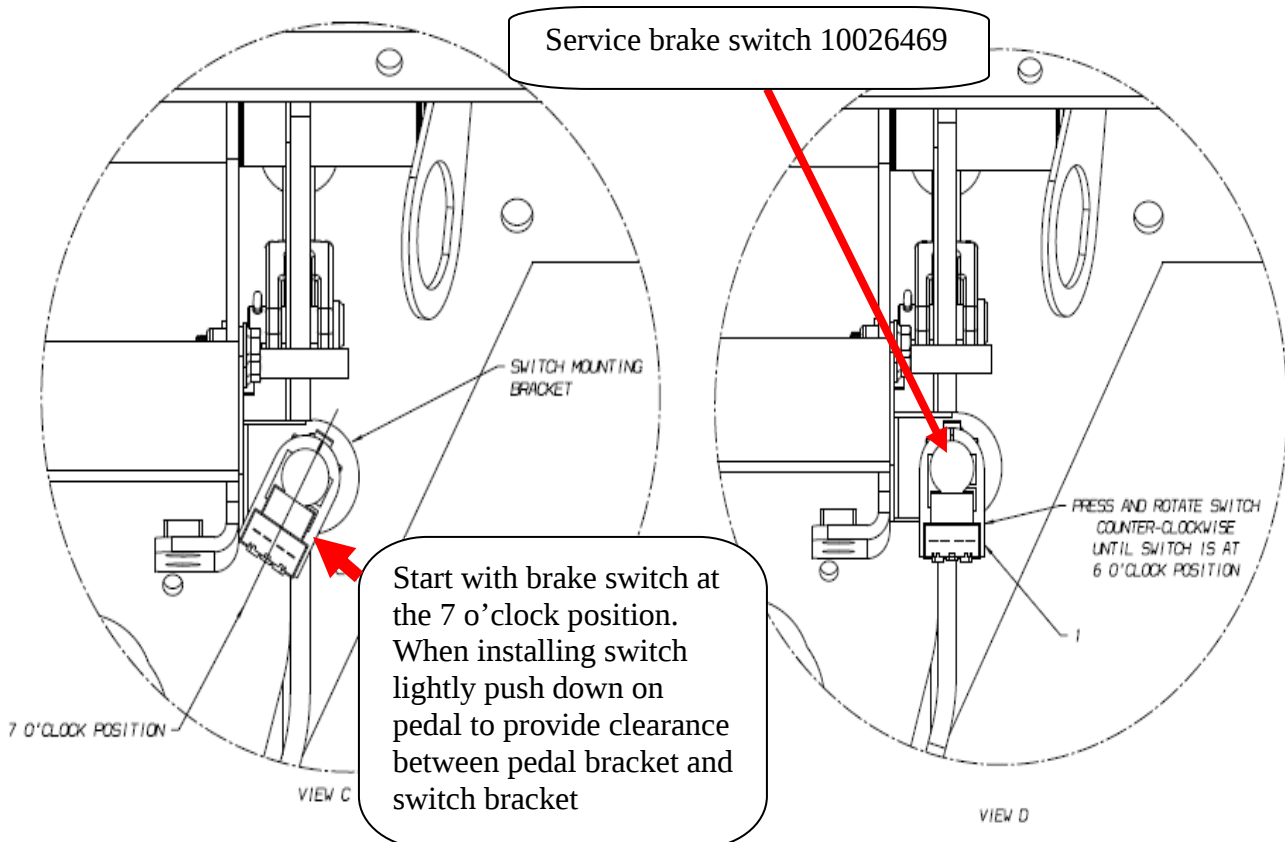
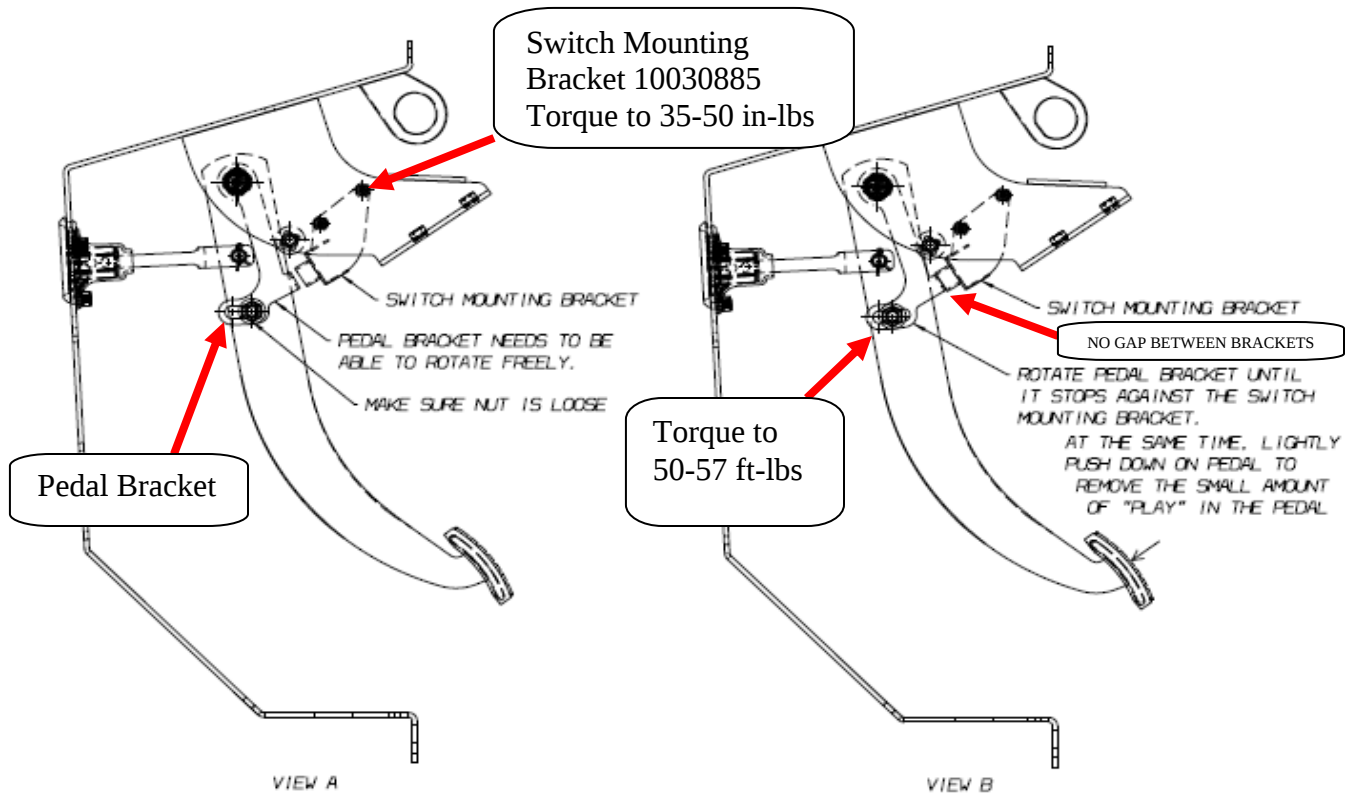


Service Brake Switch Replacement

BULLETIN

S 1 2 V M

S E R V I C E B U L L E T I N





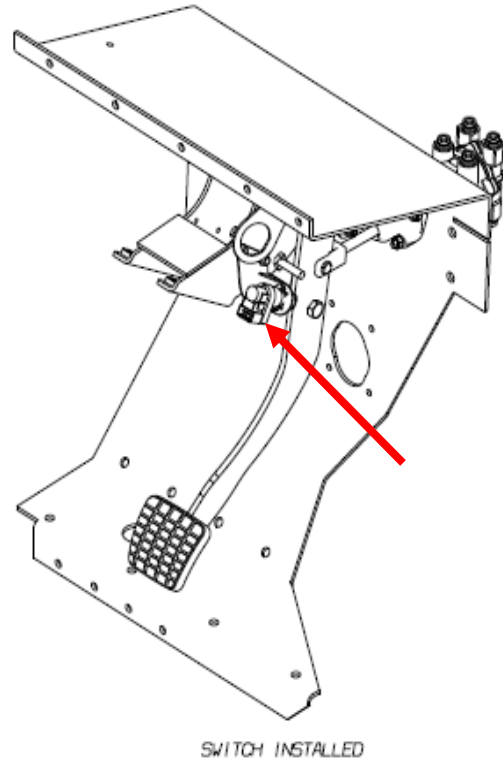
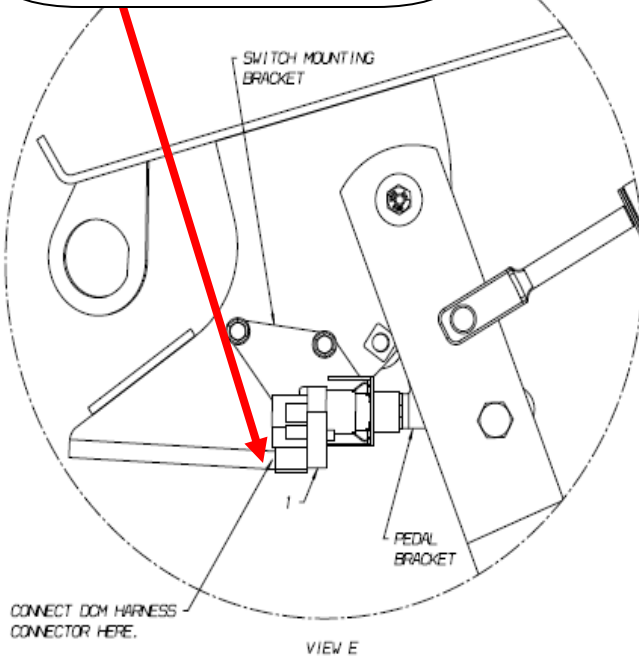
Service Brake Switch Replacement

BULLETIN

S 1 2 V M

S E R V I C E B U L L E T I N

Insure wiring is secure and
clear of moving components.



PARTS

Part Number	Quantity	Description
10026469	1	SERVICE BRAKE SWITCH
10030885	1	SERVICE BRAKE SWITCH MOUNTING BRACKET

TOOLS

Description
TORQUE WRENCH
5/16 DEEP SOCKET
5/16 OPEN END WRENCH
3/4 SHALLOW SOCKET
3/4 OPEN END WRENCH