



Installation Instructions

Bendix® SL-4™
Stop Light Switch
Piece No. 801906

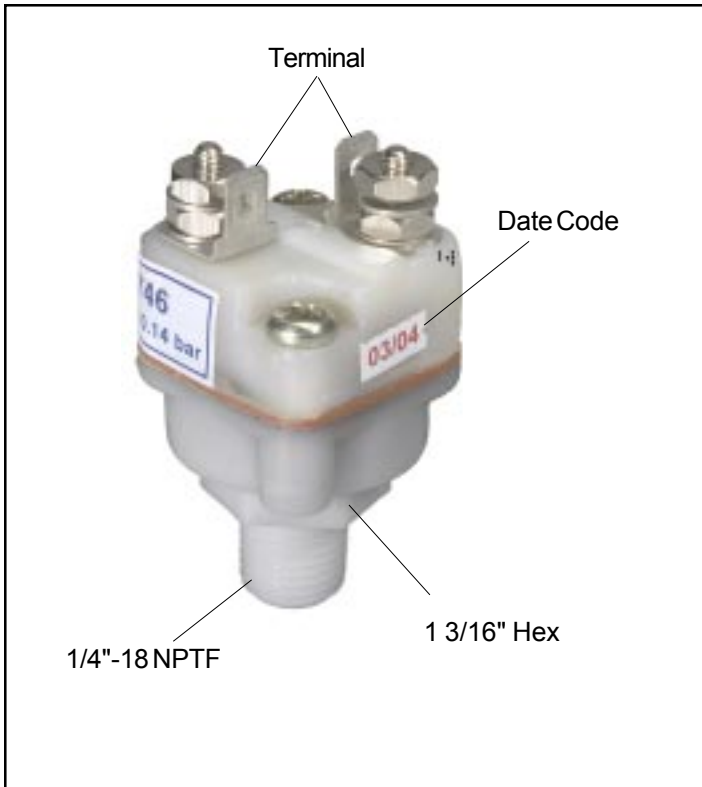


FIGURE 1 - SL-4™ stop light switch

GENERAL

This instruction sheet is intended to provide the necessary information to replace the SL-4™ stop light switch as a part of a recall campaign (Recall No.: 04E-039). The recall campaign is for the SL-4™ stop light switch part number 274746 manufactured between January 1, 2003 and August 31, 2003.

WARNING! PLEASE READ AND FOLLOW THESE INSTRUCTIONS TO AVOID PERSONAL INJURY OR DEATH:

When working on or around a vehicle, the following general precautions should be observed at all times.

1. Park the vehicle on a level surface, apply the parking brakes, and always block the wheels. Always wear safety glasses.
2. Stop the engine and remove ignition key when working under or around the vehicle. When working in the engine compartment, the engine should be shut off and the ignition key should be removed. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated or electrically charged components.

3. Do not attempt to install, remove, disassemble or assemble a component until you have read and thoroughly understand the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
4. If the work is being performed on the vehicle's air brake system, or any auxiliary pressurized air systems, make certain to drain the air pressure from all reservoirs before beginning ANY work on the vehicle. If the vehicle is equipped with an AD-IS™ air dryer system or a dryer reservoir module, be sure to drain the purge reservoir.
5. Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
6. Never exceed manufacturer's recommended pressures.
7. Never connect or disconnect a hose or line containing pressure; it may whip. Never remove a component or plug unless you are certain all system pressure has been depleted.
8. Use only genuine Bendix® replacement parts, components and kits. Replacement hardware, tubing, hose, fittings, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems.
9. Components with stripped threads or damaged parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle and component manufacturer.
10. Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.

REMOVAL

1. Refer to your vehicle's owner's manual for location of stop light switch and for any additional instructions.
2. Identify and mark the wires to the terminals of the SL-4™ stop light switch. Disconnect the wires.
3. Using a wrench on the hex portion of the body, remove the stop light switch from the vehicle.

INSTALLATION

1. Install the SL-4™ stop light switch contained in this kit in place of the removed switch. Tighten to 35 in-lbs (4N-m) maximum.
2. Connect the wires to the terminals as previously connected. Keep the stop light switch terminals away from the frame to avoid grounding.
3. Complete the SL-4™ stop light switch labor reimbursement form included in this kit, and return it along with the affected part to Bendix.

TESTING

OPERATING TEST

1. Apply the brake valve and note that the stop light illuminates before the delivery pressure reaches 7 psi.
2. Release the brake valve and note that the stop light is no longer illuminated.

LEAKAGE TEST

1. With the brakes fully applied, no leakage is permitted at the stop light switch. If the stop light switch does not function as described or if leakage is excessive, it is recommended that it be replaced with a new Bendix SL-4™ stop light switch.