

1990/11/01

Installation of 9X0239 Limit Switch{1400, 1155} (SEHS9080-01)**SMCS - 1155, 1400****3406B (4MG1-52108, 8TC1-7476)**

Introduction

This instruction gives installation information for the 9X0239 Limit Switch on 3406B Truck Engines equipped with BrakeSaver. The 9X0239 Limit Switch is the service replacement for the 6T1990 Limit Switch used on the above engines.

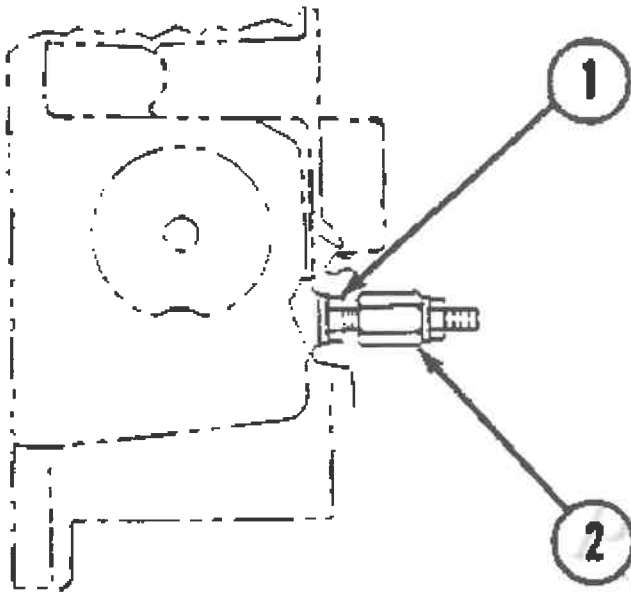
Do not perform any procedure, outlined in this publication, or order any parts until you read and understand the information contained within.

Reference: Service Manual.

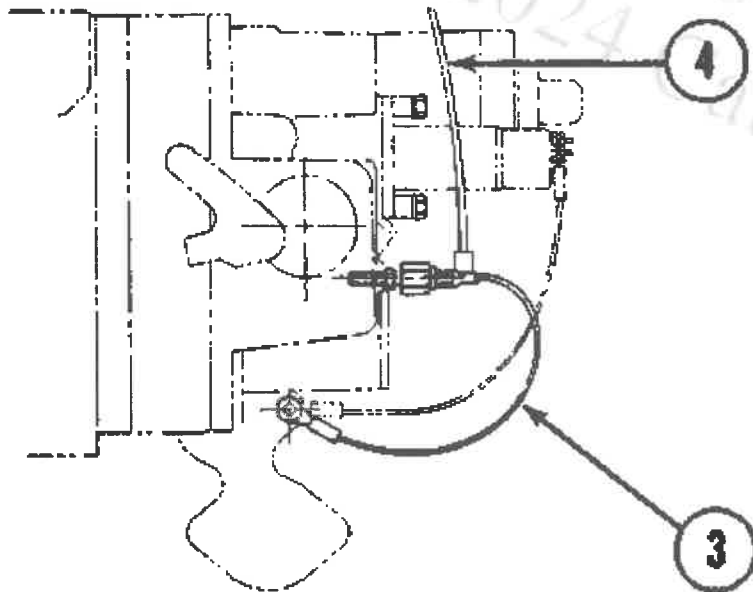
Installation

1. Disconnect the battery and shut off the fuel supply.
2. Disconnect the wire that connects to the 6T1990 Limit Switch. Remove the terminal from the disconnected end of the wire. Install the 9G9314 Terminal as a replacement for the terminal that was removed.
3. Remove the 6T1990 Limit Switch from the governor.

PARTS NEEDED		
Part No.	Description	Qty.
9X0239	Limit Switch	1
9X1029	Wire Assembly	1
5B3180	Nut	1
5N4185	Washer	1
9G9314	Terminal	1



4. Install 5B3180 Nut (1) and a 5N4185 Washer on the threaded end of 9X0239 Limit Switch (2). Install the threaded end of limit switch (2) into the hole where the original limit switch was removed.
5. Turn limit switch (2) IN until the correct low idle rpm is achieved. Tighten nut (1) to a torque of 25 ± 4 N·m (19 ± 3 lb ft).
6. Move the throttle lever to the FUEL ON position and verify that limit switch (2) turns OFF with 1.3 ± 0.5 mm ($.050 \pm .020$) travel.



7. Install 9X1029 Wire Assembly (ground wire) (3). Connect one end of wire (3) to a terminal on limit switch (2). Connect the other end of wire (3) to the cylinder block, at the same location where the ground wire for the shut-off solenoid is connected.
8. Connect the 9G9314 Terminal (installed in Step 2) on wire (4) to the remaining terminal on limit switch (2). [Wire (4) connects from the solenoid valve to limit switch (2).]

9. Connect the battery and turn on the fuel supply.

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