



Date	Group	No.	Release	Page
3.2020	386	011	01	1(10)

Air Pressure Switch, Replacement
LEU, MRU, TE, LR

FSB 386-011, Air Pressure Switch, Replacement

(March 2020)

On certain Mack Trucks, models LEU, MRU, LR and TE built from September 25th, 2006 until March 9th, 2020, the truck may be equipped with an air pressure switch 25171211 or 21410087 that is prone to premature failure. A replacement switch has been introduced, Volvo part number 23721213. This switch is physically different from 25171211 or 21410087. 25171211 or 21410087 has a push to fit connector, 23721213 has a threaded connector. To replace switch 25171211 or 21410087 with switch 23721213, follow the procedure outlined in this Field Service Bulletin.

Required Parts

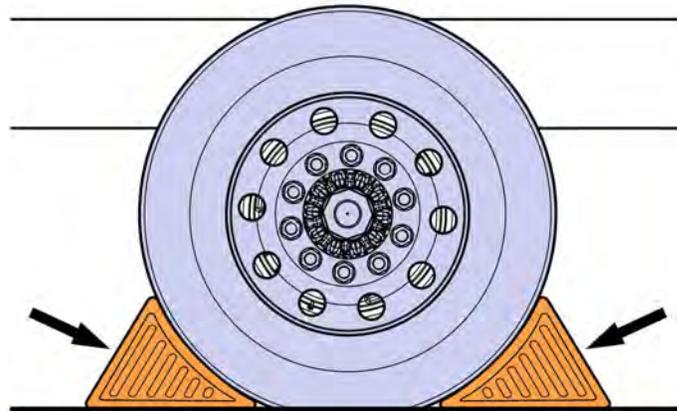
Part Description		Part Number	Quantity
Air pressure switch	Manifold port with 1/8" NPT	23721213	1
Air pressure switch	Manifold port with 1/4" NPT	23721213	1
Fitting (Reducer)		25091719	1

Decommissioning the Truck for Repair

You must read and understand the precautions and guidelines in Service Information, group 30, "General Safety Practices, Electrical" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

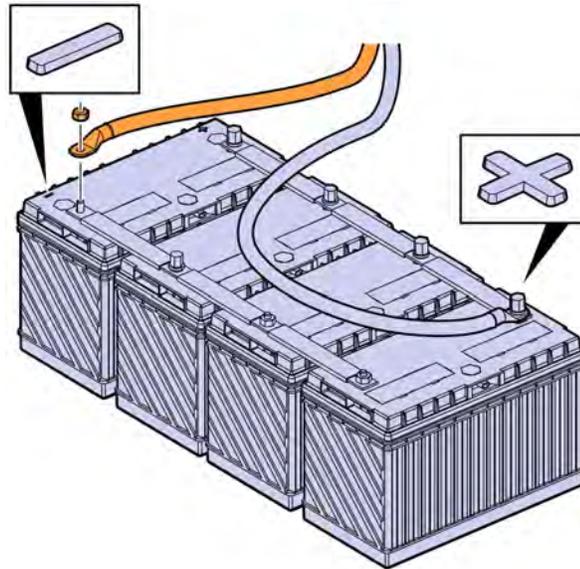
NOTE: Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

- 1 Park the vehicle on a flat and level surface.
- 2 Apply the parking brake.
- 3 Place the gear lever in neutral.
- 4 Install the wheel chocks.



W7086748

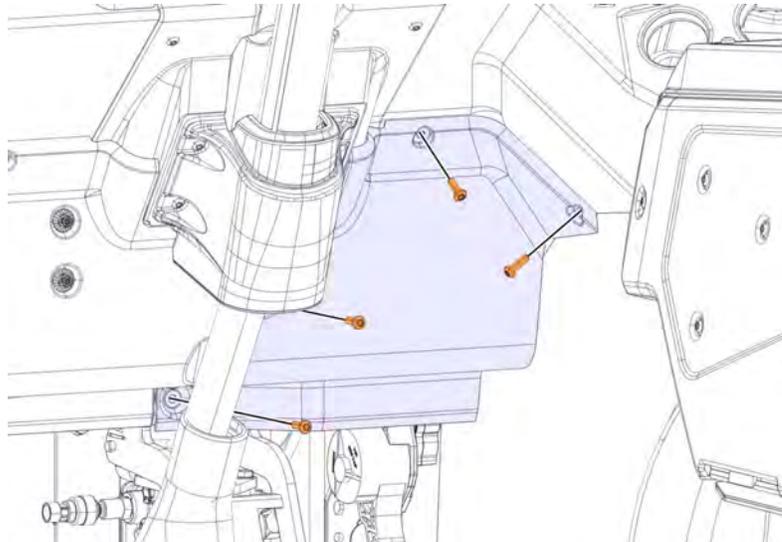
- 5 Disconnect the cable from the battery's negative terminal.



W3086747

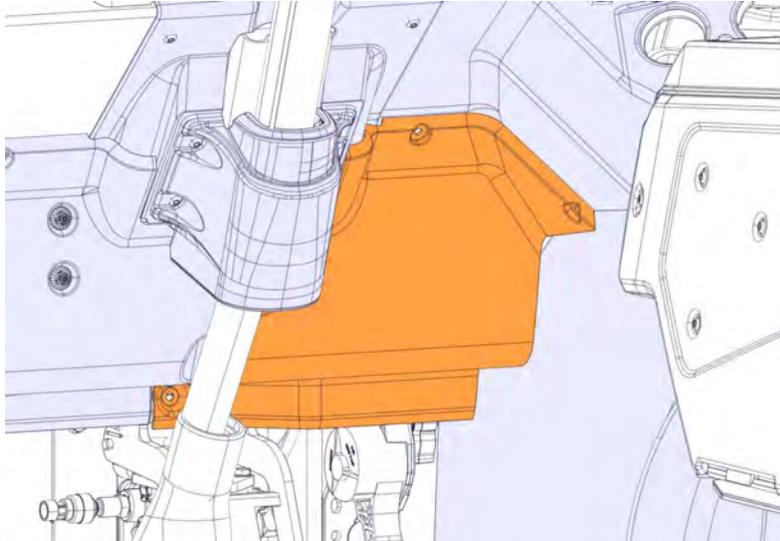
Air pressure switch, replace

- 1 Remove the screws.



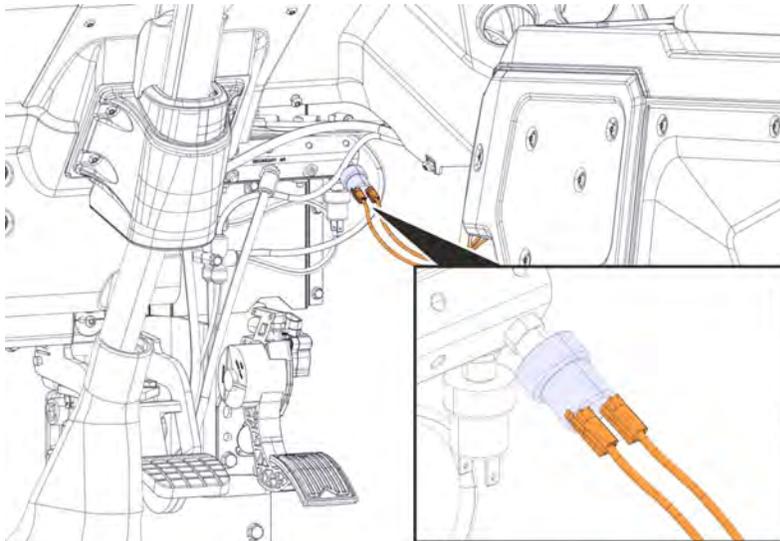
T3157266

- 2 Remove the panel.



T3157267

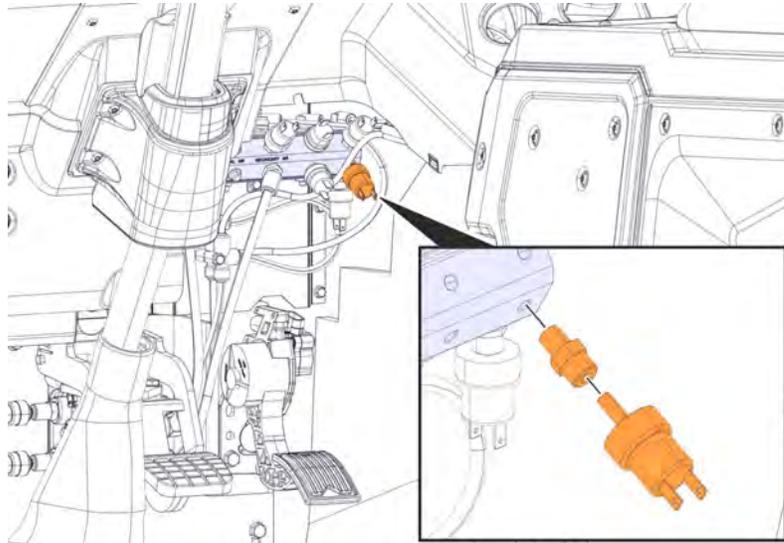
3 Remove the connectors.



T3157363

4 Remove the switch.

5 Remove the fitting.



T3157268

Air pressure switch Installation

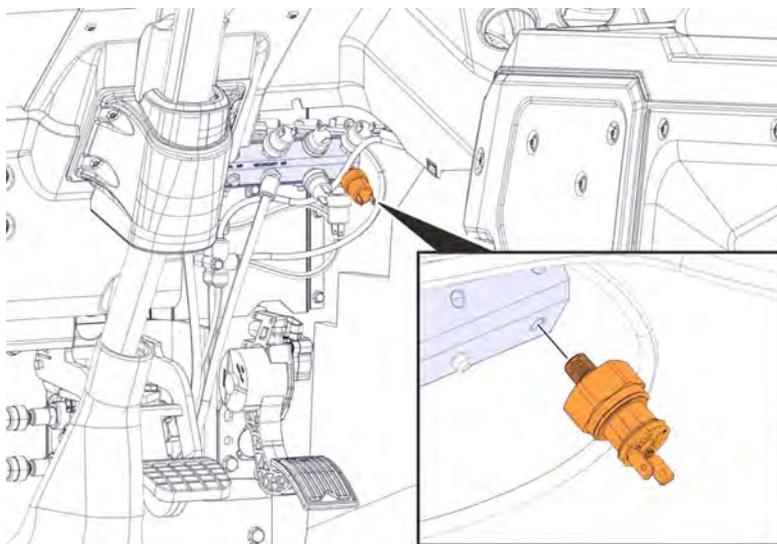
Required parts.

Part Description		Part Number	Quantity
Air pressure switch	Manifold port with 1/8" NPT	23721213	1
Air pressure switch	Manifold port with 1/4" NPT	23721213	1
Fitting (Reducer)		25091719	1

Condition: If the manifold port has the 1/8" NPT, perform the below procedure.

- 1 Install the switch.

Note: The switch should be installed hand tight, then tightened 2 to 3 turns for a leak tight seal.



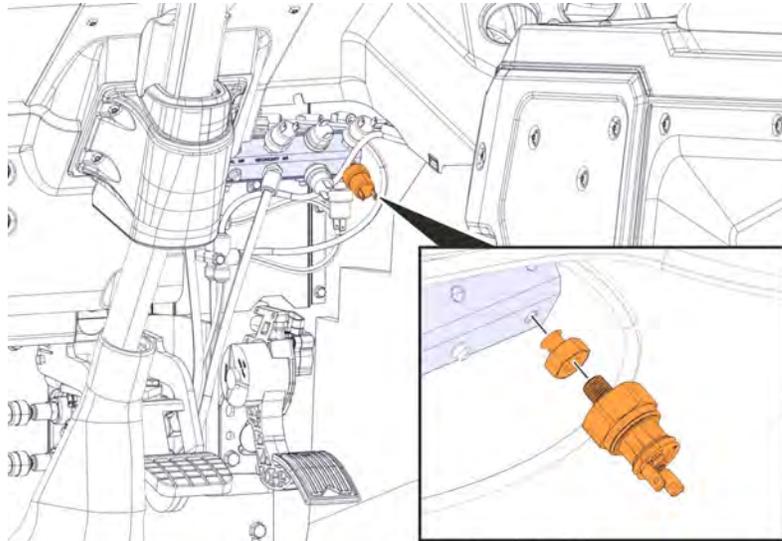
T3157364

Condition: If the manifold port has the 1/4" NPT, perform the below procedure.

- 2 Install the fitting.

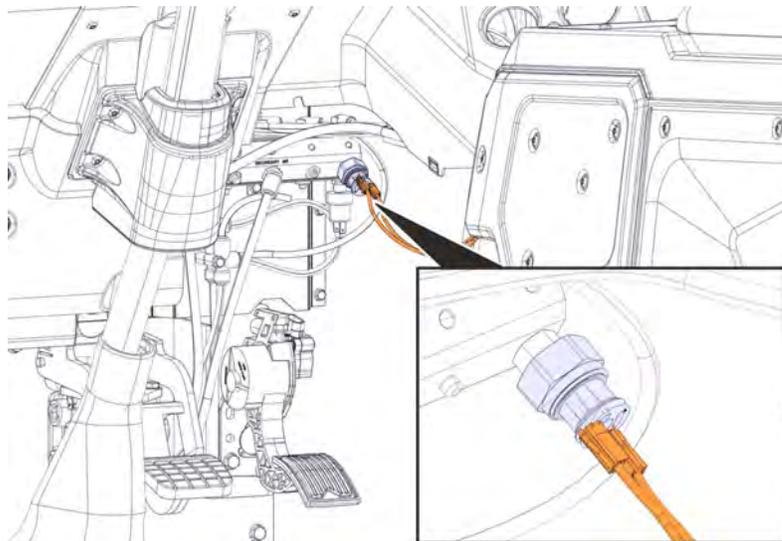
Note: The fitting should be installed hand tight, then tightened 2 to 3 turns for a leak tight seal.

- 3 Install the switch.



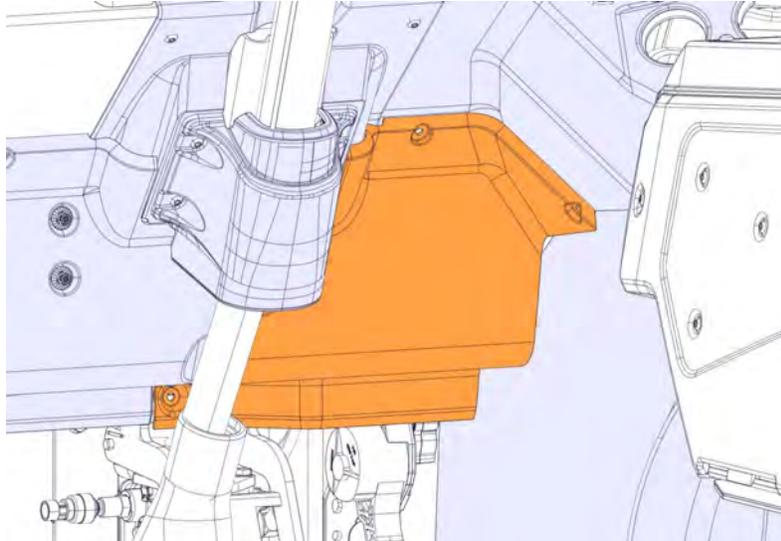
T3157365

4 Install the connectors.



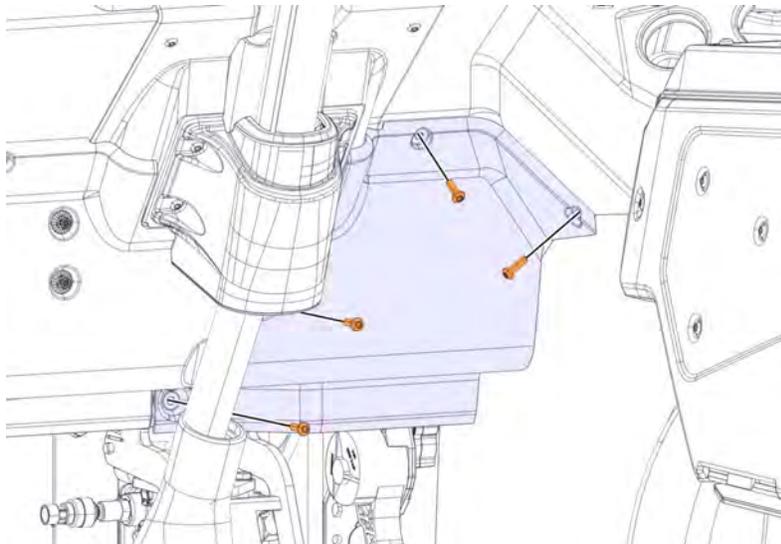
T3157366

5 Install the panel.



T3157267

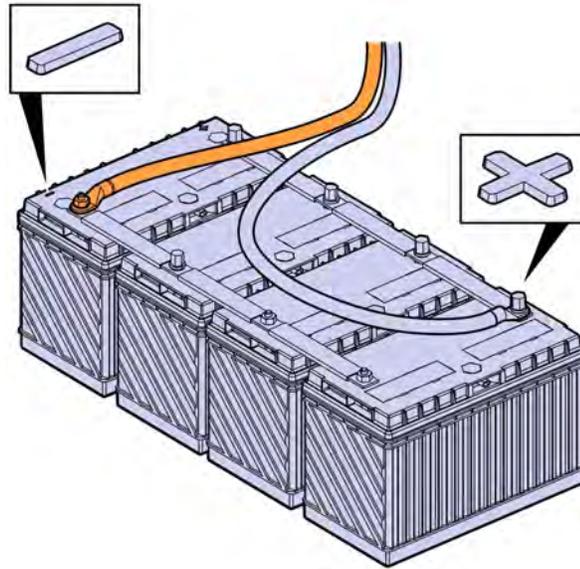
- 6 Install the screws.
- 7 Torque tighten the screws (M4) 1.5 ± 0.5 Nm (13.3 ± 4.4 ft-lb).



T3157266

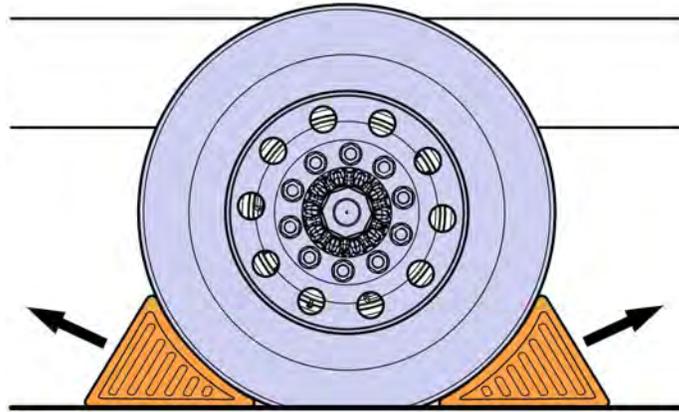
Commissioning the Truck for Operation

- 1 Connect the battery cable to negative (earth) terminal.



W3086758

2 Remove the wheel chocks.



W7086759

Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Bus. Sys.)	01
Labour Code Air pressure switch, replace	3864-03-09-01 0.4 hrs.
Causal Part	25171211
	21410087

MackTrucks North America reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.