

**Forced neutral interrupter for  
throttle advance**

**Date:** July 13, 2021  
**Bulletin Name:** FEL-TSIB-058  
**Model:** Meridian Front Loader 78  
**Model Year:** All model years for Meridian 78  
**Units Affected:** Units with work brakes

**Purpose:**

Currently, trucks with work brakes do not cut out the throttle advance when the work brake is released. The driver must wait for the function to complete and throttle to drop below 900 RPMs, allowing the transmission to go into gear, or they must stop the function to get the transmission to go into gear. With this update, the throttle will be cut out without stopping the function and allow the transmission to go into gear for a more efficient operation of the unit.

**Notice:**

- This bulletin should be read and understood in its entirety before performing this procedure.
- All procedures outlined in the bulletin must be performed by skilled service personnel. Refer to the product service manual for descriptions of maintenance procedures.

**SAFETY NOTICE**

**Perform your company's Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate.**

**SAFETY NOTICE**

**Use appropriate Personal Protective Equipment (PPE) as required by your company.**

**Tools and Equipment Required:**

Customer to supply:

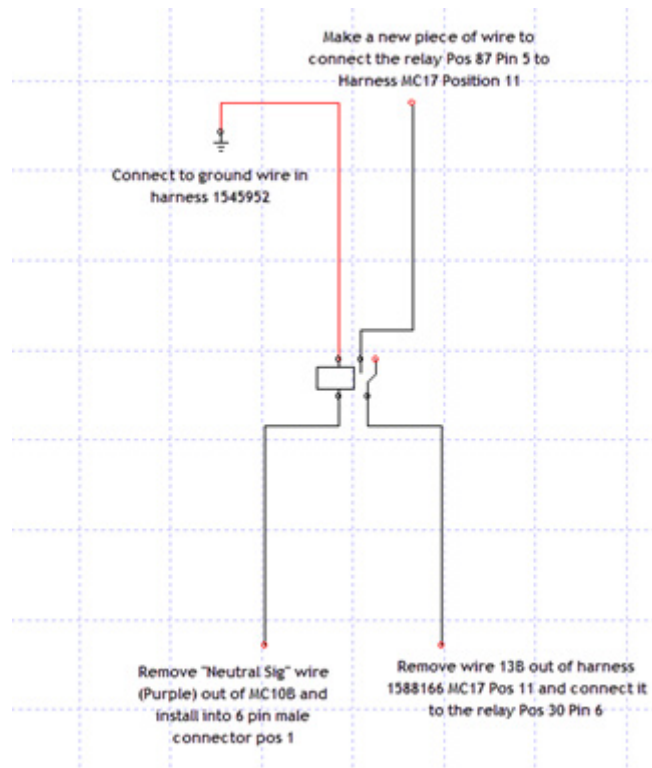
- Standard wrench set
- Deutsch crimper

**Parts Required:**

Item	PN	Description	Qty.
1	1478985	Relay	1
2	1183143	6 pin Deutsch connector	1
3	1183142	Wedge lock	1
4	1100713	Deutsch sockets	4
5	0128782	Deutsch Pins	3

## Procedure:

1. Perform your company's Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate. Block truck wheels and engage parking brake.
2. Open the dash covers in the cab. Retain all hardware and parts.
3. Locate the RP170 and the cab harness connections.
4. On MC10B, remove the "neutral sig" wire (purple).
  - a. Cut off the male pin and crimp a new socket on.
  - b. Install into 6-pin male connector for relay position 1.
5. Located available ground wire in harness PN 1545952 and crimp a new socket on.
  - a. Install into 6-pin male connector for relay position 3.
6. Remove the throttle advance wire #14 from MC17 position 11.
  - a. Install into 6-pin male connector for relay position 6.
7. Cut 12" long piece of 18 gauge wire.
  - a. Crimp sockets on both ends.
  - b. Install end 1 into MC17 position 11.
  - c. Install end 2 into 6-pin male connector for relay position 5.
8. Reinstall the dash covers in the cab using the retained hardware and parts.
9. Remove your company's Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate. Remove truck wheel chocks and disengage parking brake. Return truck to service.



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