

TECHNICAL SERVICE BULLETIN

Group:	O-GENERAL
Bulletin No:	SB-17-002
Issue Date:	1-13-2017
Reference:	HMM-170111-F1

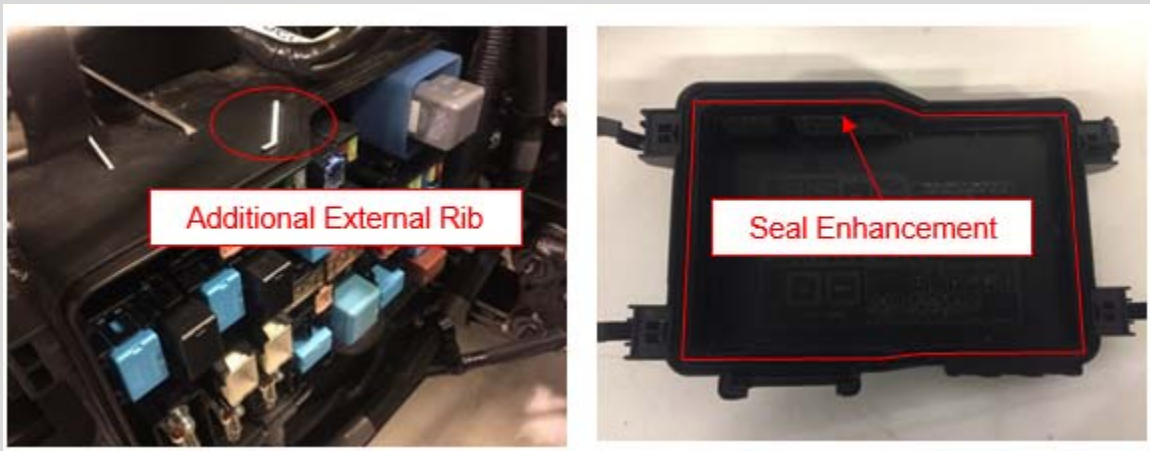
COE WATER INTRUSION INTO RELAY BOX

SUBJECT VEHICLES: 13MY-16MY COE Trucks equipped with a J05 engine.

Note: This service bulletin is provided as technical information and is not authorization for a warrantable repair.

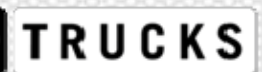
OVERVIEW:

In rare cases, a small volume of water may enter the relay box when high pressure water is sprayed directly at the relay box. An enhanced relay box and cover are available to provide improved sealing.



BEFORE YOU BEGIN:

- Read and understand all instructions and procedures before you begin the work.
- Read and follow all **WARNINGS** and **NOTICES** set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
- Park the vehicle on a level and solid surface and apply the parking brake.
- Place the gear shift lever in "Park" or "P".
- Confirm the engine is stopped, the ignition switch is in the off (LOCK) position, and the key is removed.
- Wear safety glasses to prevent eye injuries.
- Place the wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.
- Before repairing, the battery needs to be disconnected.



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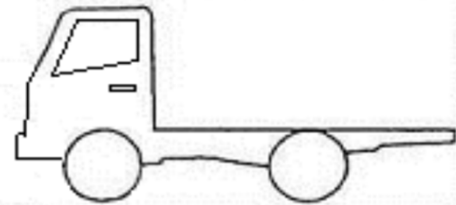
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PARTS:

PART NUMBER	PART DESCRIPTION	QUANTITY
8266237522	Relay Box Cover	1
8266337131	Relay Box	1

VEHICLE PREPARATION:

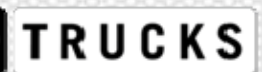
1. Park the vehicle on a level and solid surface.



2. Confirm the engine is stopped, the ignition switch is in the off (LOCK) position, and the key is removed.



3. Apply the parking brake.



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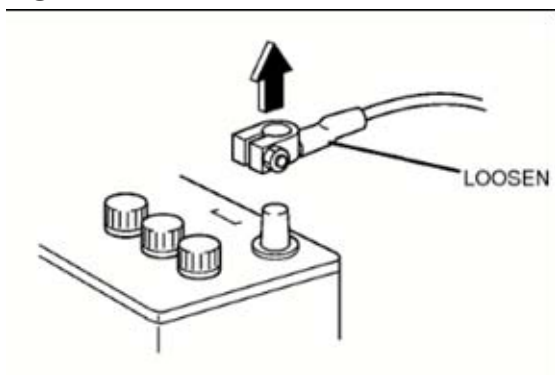
4. Chock all of the wheels.



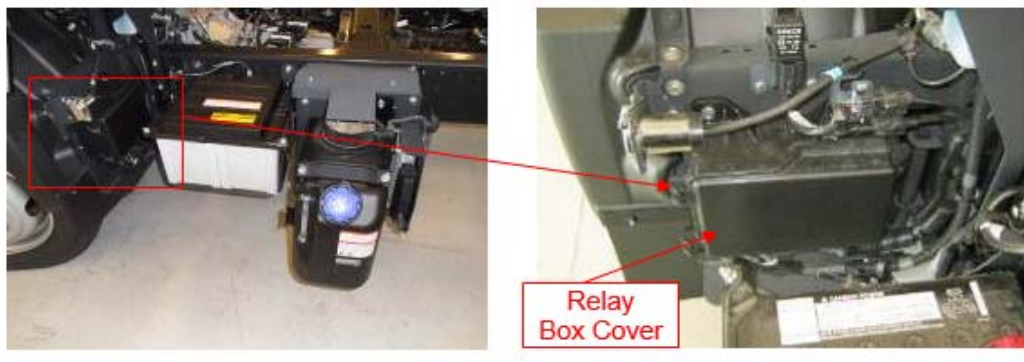
REPAIR PROCEDURE

WARNING! You must disconnect the cable to the negative terminal of the 12 volt battery before you begin the repair procedure. Failure to disconnect the negative terminal could result in damage to the vehicle and serious personal injury.

1. Disconnect the negative terminal of the 12 volt battery. **NEVER** proceed to Step 2 unless the cable to the negative terminal has been disconnected.



2. Remove and discard the relay box cover on the driver's side of the vehicle.

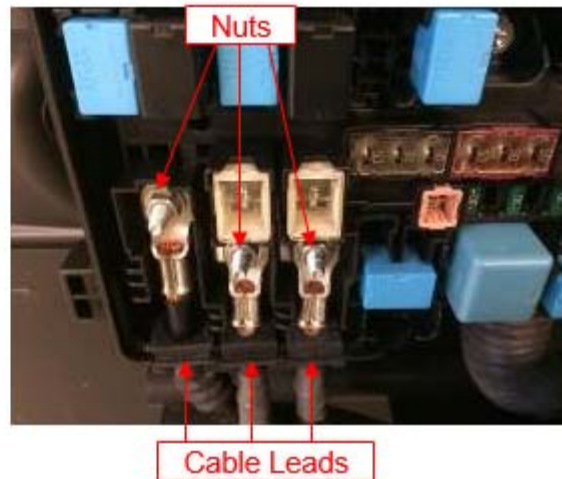
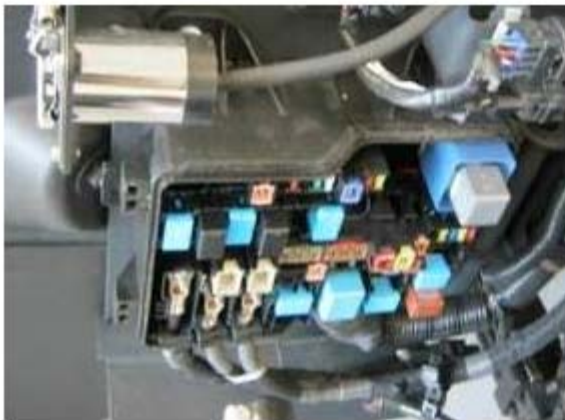


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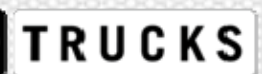
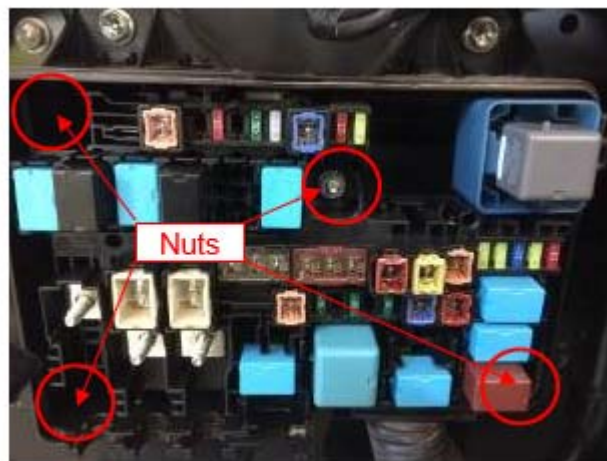
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3. Remove the 3 nuts from the battery cable leads and retain for reinstallation. Remove the 3 cable leads from the relay block.



4. Remove the 4 nuts that retain the relay block to the relay box and retain for reinstallation.



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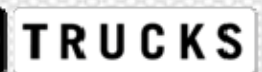
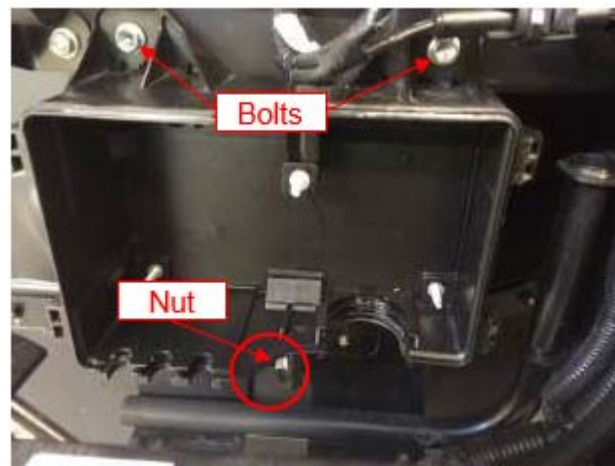
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5. Using a small flat blade screwdriver, release the locking tab at the bottom of the relay block. Remove the relay block and harness from the relay box.



6. Remove the 2 bolts and 1 nut securing the relay box to the vehicle and retain for reinstallation. Remove and discard the relay box.



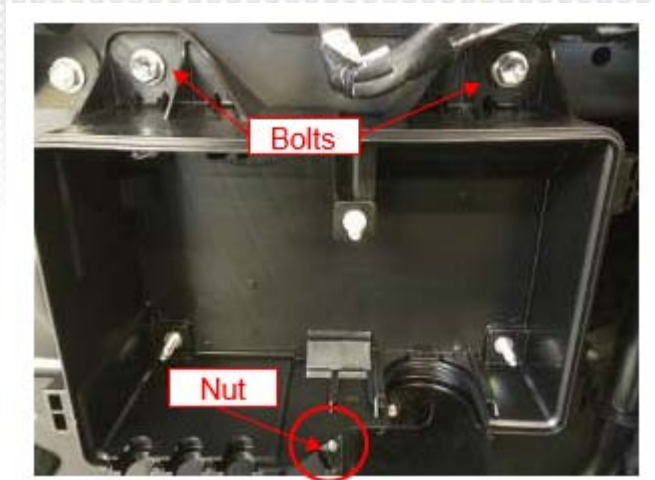
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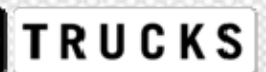
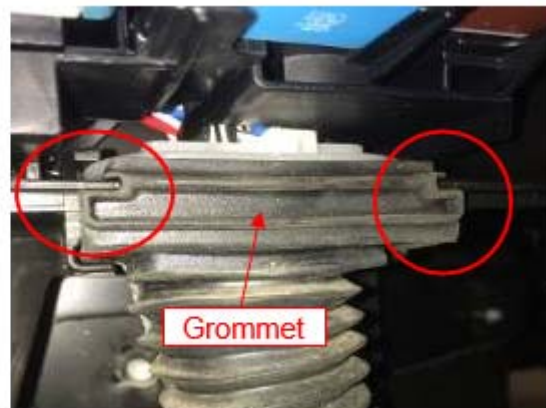
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7. Install the new relay box using the 2 bolts and 1 nut that retain the relay box to the vehicle. Tighten the fasteners to the specified torque.

Specified Torque: 13 lb-ft (18 Nm)



8. Reinstall the relay block and harness into the new relay box. Make certain that the harness grommet has been fully inserted into the relay box, and the grommet is flush with the sealing surface of the relay box.



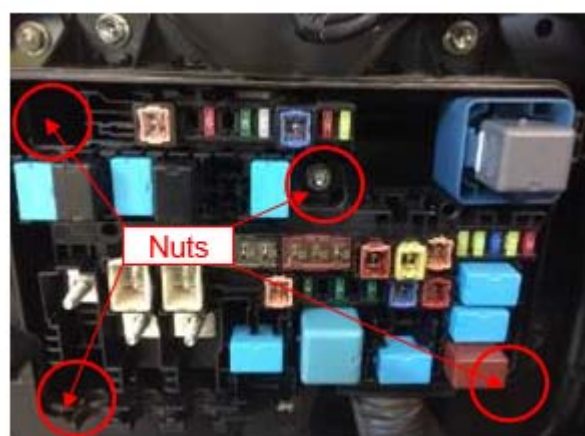
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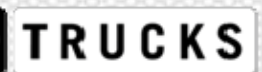
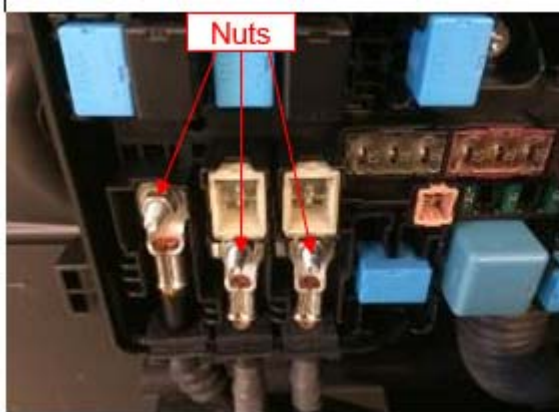
9. Install the 4 nuts that retain the relay block to the relay box. Tighten the nuts to the specified torque.

Specified Torque: 3.7 lb-ft (5.0 Nm)



10. Install the 3 battery cable leads to the relay block using the 3 retaining nuts. Tighten the nuts to the specified torque. Make certain the battery cable lead grommets are fully inserted and flush with the relay box sealing surface.

Specified Torque: 3.7 lb-ft (5.0 Nm)



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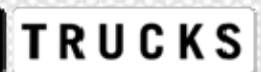
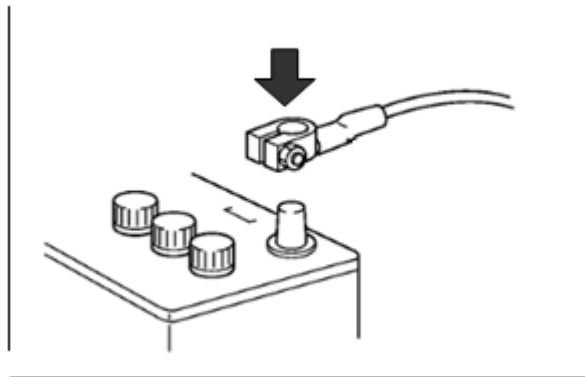
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11. Install the new relay box cover onto the relay box. Make certain the 4 retaining clips are fully engaged.



12. Reconnect the cable to the negative terminal of the 12 volt battery.



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FINAL INSPECTION

1. To complete this Technical Service Bulletin, review the bulletin and confirm the following:

- All nuts and bolts have been tightened to their specified torque.
- The relay box cover has been properly secured with all 4 retaining clips.

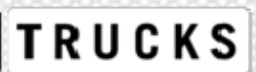
NOTE: This procedure is provided as technical information and is not an authorization for a warranty repair.

CLAIM APPLICATION:

** Reimbursable in accordance within the terms and policies of the Hino Truck limited warranties.*

Relay Box Replacement:

- a) Labor Charge: 0.5 hours
- b) Warranty Code: 82271
- c) Trouble Code: 22
- d) Operation Code: 82250AOT
- e) Part Number: 9999999999



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