



SAFETY RECALL

CONVENTIONAL DOOR HINGE BOLT

CAMPAIGN NO: M0300

DATE: 8-7-2017

REFERENCE: QA-170804-N1

SUBJECT VEHICLES: 18MY Conventional Trucks equipped with a J08 engine

Note: *Refer to the appropriate Vehicle Identification Number (VIN) list to determine vehicle eligibility.*

OVERVIEW:

During the assembly process the door hinge bolts may not have received sufficient torque. If a low torque condition is present, the upper hinge may loosen, then the lower hinge may loosen, the door will then operate abnormally; if operation of the door is continued in this condition, the door may become disconnected from the hinge in the worst case. The following work procedure provides direction for confirming the door gap and re-torquing bolts to the specified torque.

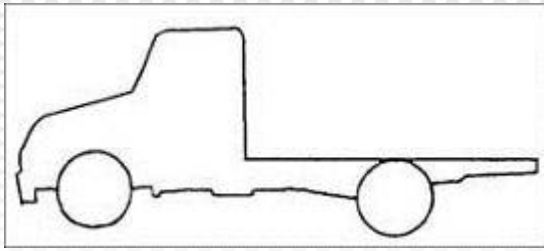
BEFORE YOU BEGIN:

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 flat, level and solid surface.
- Place the gear shift lever in "Neutral" or "Park".
- Apply the parking brake firmly and confirm parking brake activation.
- Turn off the engine and remove the key from the ignition switch.
- Always wear safety glasses or goggles to protect your eyes.
- Place wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.



1. Park the vehicle on a flat, 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.



4. Chock all of the wheels.



REPAIR PROCEDURE:

NOTICE: Only the left side of the vehicle is depicted throughout the repair procedure. This procedure **MUST** be performed on both doors.

1. Place masking tape over the door and cab surfaces in the locations shown in the photograph below. This will prevent damage to the painted surfaces during step 2.



2. Using a straight edge and a feeler gauge, measure and record the door to cab overlap at the locations marked with tape in step 1.



3. If the door to cab overlap measures less than 1.5mm, proceed to step 17. If the overlap measures 1.5mm-3.0mm, proceed to step 10. If the overlap measures greater than 3.0mm, continue to step 4.



4. Open the door and loosen the lower most door hinge bolt $\frac{1}{2}$ turn. Close the door.



5. Open the hood and loosen the upper three door hinge bolts, locations shown in the photograph below, $\frac{1}{2}$ turn.



6. Using a plastic pry tool to prevent damage to the paint, gently pry outwards on the door at the upper hinge. While holding pressure against the door, hand tighten the three door hinge bolts loosened in step 5.



NOTICE: DO NOT torque the hinge bolts with the pry tool in place. Failure to remove the pry tool may result in insufficient torque.

7. Remove the plastic pry tool and tighten the upper three door hinge bolts to the specified torque.

Specified Torque: 16.2 lb-ft (22Nm)



8. Open the door and tighten the lower most door hinge bolt to the specified torque.

Specified Torque: 16.2 lb-ft (22Nm)



9. Close the door and re-measure the door to cab overlap as shown in step 2. If the overlap now measures less than 1.5mm, proceed to step 17. If the overlap measures greater than 1.5mm, continue to step 10.



10. Open the door and loosen the upper door striker bolt ½ turn.



11. Carefully use a pry bar to move the upper door striker bolt towards the inside of the cab. Tighten the upper door striker bolt to the specified torque.

Specified Torque: 16.2 lb-ft (22Nm)



12. Loosen the lower door striker bolt ½ turn.



13. Carefully use a pry bar to move the lower door striker bolt towards the inside of the cab. Tighten the lower door striker bolt to the specified torque.

Specified Torque: 16.2 lb-ft (22Nm)



14. Check to make sure the door striker is square with the door frame and re-adjust if necessary.



15. Slowly close the door and make sure the door striker properly aligns with the center of the door latch. If necessary, adjust striker alignment with a rubber mallet. Ensure striker bolts are tightened to the specified torque.

Specified Torque: 16.2 lb-ft (22Nm)



16. Close the door and re-measure the door to cab overlap as shown in step 2. If the overlap now measures less than 1.5mm, proceed to step 17. If the overlap measures greater than 1.5mm, repeat steps 4 - 15.



17. Open the hood and re-torque the upper door hinge bolts to the specified torque. It is important to re-torque these fasteners even if these were tightened in step 7.

Specified Torque: 16.2 lb-ft (22Nm)



18. Use the straight edge and feeler gauge to confirm door to cab overlap is less than 1.5mm. If the overlap is not correct, perform steps **3 – 16**.



19. NOTICE: The repair procedure (steps 1-18) **MUST BE REPEATED** on the opposite sides of the vehicle. Once complete, proceed to the Final Inspection procedure, below.

FINAL INSPECTION:

1. To complete this recall campaign review and confirm the following:

- Both doors have been checked for proper alignment.
- Both door hinge and striker bolts have been properly torqued.
- The hood has been closed and both latches properly engaged.



CLAIM APPLICATION

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

Door Hinge Bolt Torque:

- a) Recall No: M0030
- b) Labor charge: 0.8 hours
- c) Warranty code: 71329
- d) Trouble code: 40
- e) Operation code: 71350AOT
- f) Original failed part: 9999999999

