SC0348, Brake Timing

(June 2011)

MACK Trucks has determined that a non-compliance may exist with Federal Motor Vehicle Safety Standard 121, "Air Brake Systems", on 2008-2011 GU model vehicles manufactured with front towing glad hands. The non- compliance is that the service brake timing, both actuation and release, exceeds the limits as prescribed by the federal standard.

Repair Procedures:

Procedure A: All

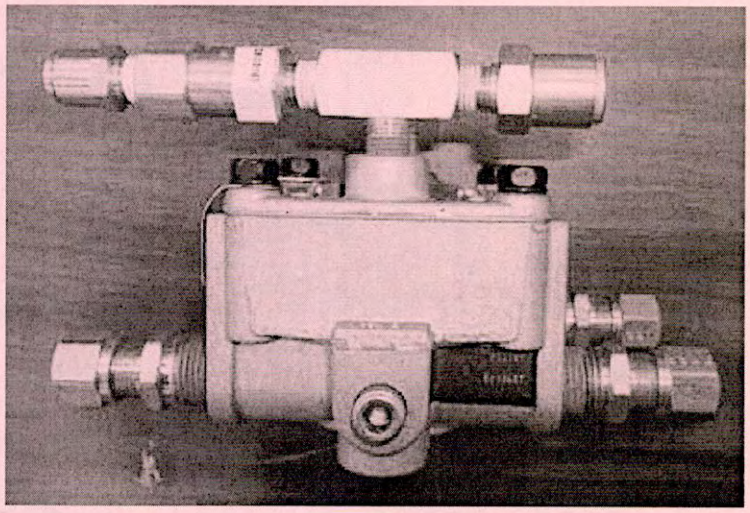
Required Part: 745-800333 (1 only)

1. Drain the air system.

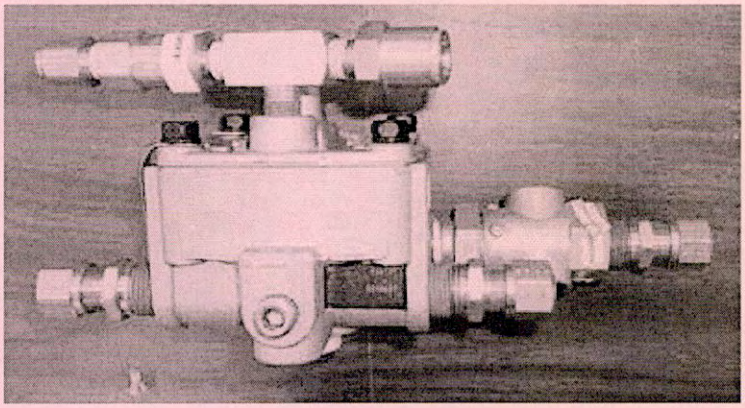
⚠ WARNING

In order to safely work on the pneumatic valves, the air system must be completely drained.

2. Remove the air line and fitting going to the delivery port of the valve shown as illustrated. (Valve is located on the left frame rail just behind the cab.)



3. Install the QR-L valve into the now vacant port.



4. Install the fitting and air line onto the QR-L valve.

5. Air up the vehicle and check brake operation and quick release valve leaks..

Procedure B: ABS 4S4M Only

Required Part (3 total): 745-800333

1. Drain the air system.

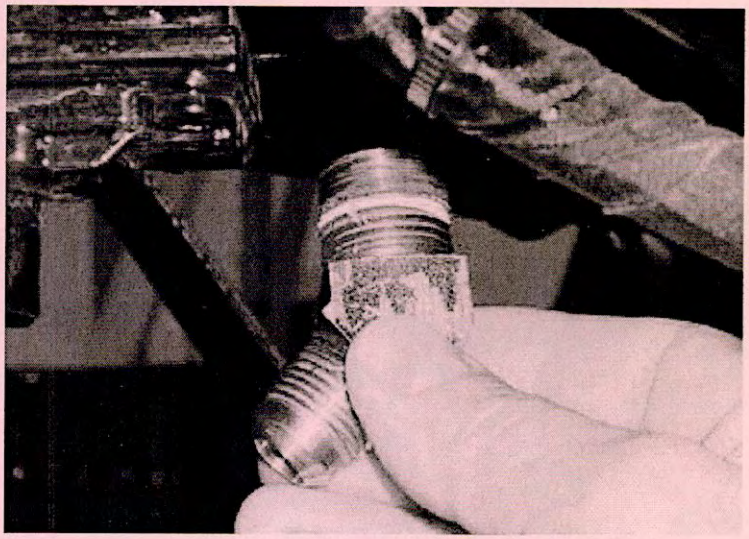
⚠ WARNING

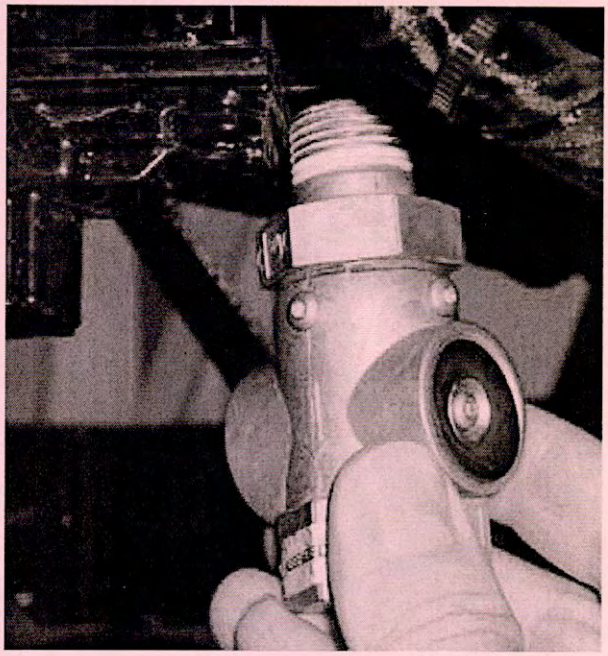
In order to safely work on the pneumatic valves, the air system must be completely drained.

2. Locate the valve assembly (Relay + ABS) on the front bogie cross member and perform the following steps as indicated in the illustration.

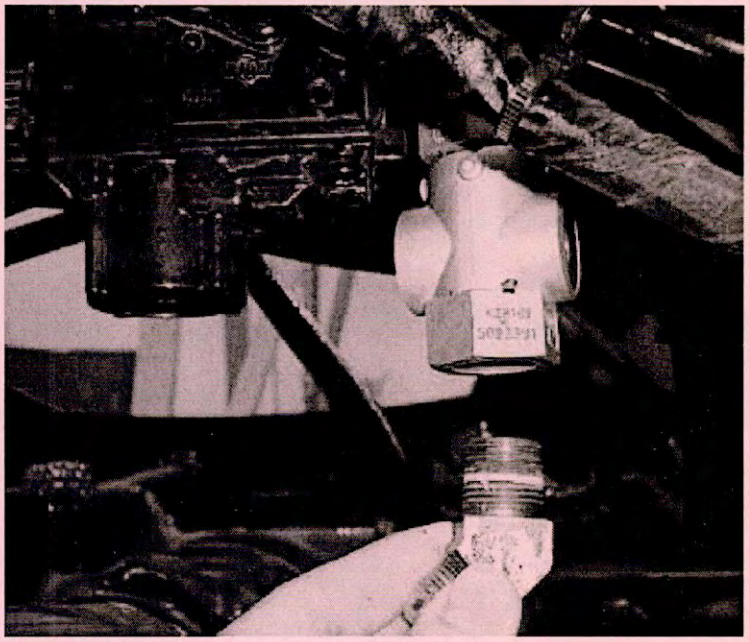
   A. Disconnect the brake hose coming from the front rear axle and going to the tee after the ABS modulator.

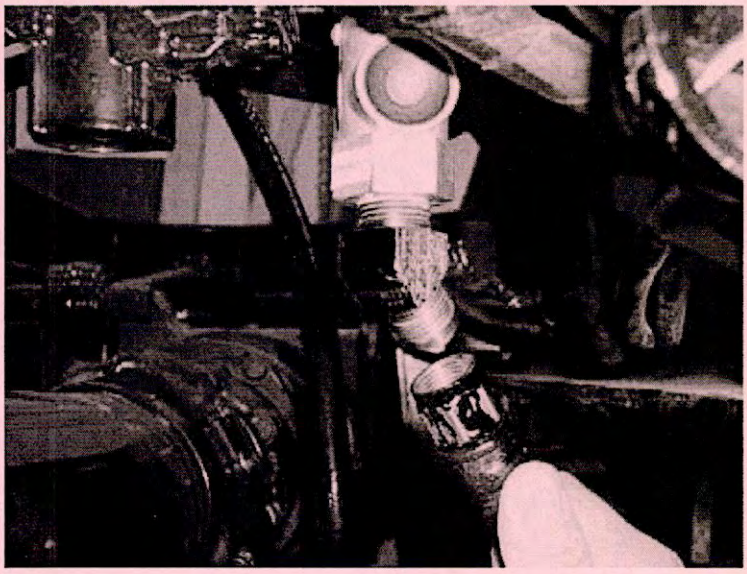
B. Remove the bottom fitting in the tee and install a QR-L into the tee.

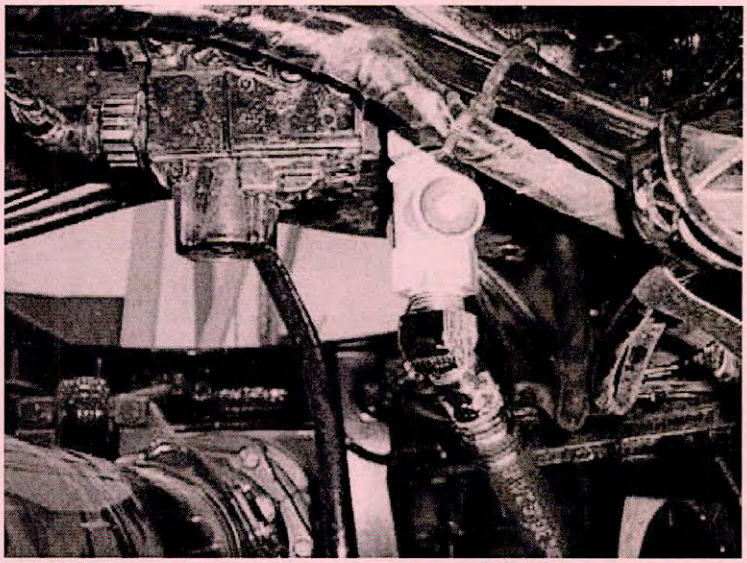




C. Install the fitting onto the QR-L and reinstall the brake hose.







3. Repeat procedure above for the same tee fitting on the other side of valve.

4. Air up the vehicle and check brake operation and quick release valve leaks.

Reimbursement

This repair is covered by an authorized Safety Recall campaign. Reimbursement is obtained through the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	40
Recall Status	
Vehicle inspected, repair not included	
Vehicle repaired per instructions	2-Modified per instructions
Labor Code	
Primary Labor Code	5301B-YL-95 GU 0.3
Time to take charge of vehicle and determine campaign status	101AA 0A 00— 0.3 hr.
Causal Part	20812943
Authorization No.	SC0348

Take-charge time is not included in the labor code for this operation. Take charge may be eligible, but can only be used once per vehicle repair visit. If the vehicle is having other warranty repairs performed, take-charge should be charged to the warranty repair, otherwise take-charge can be charged to this Safety Recall.

NOTE

Dealers are to perform Safety Recall Campaigns on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles are subject to a safety recall are brought to your dealership for

service, or taken into your dealership vehicle inventory, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is sold or released to the owner.