



SB-10043764-4950

Date 2.2012 Group **258** No. **013** Release **02** Page 1(3)

This Bulletin replaces PV729-FSB 258-013_M, "Combustion Air Valve and Piping Arrangement (USA39481)" dated 01.2010.

Combustion Air Valve and Piping Arrangement

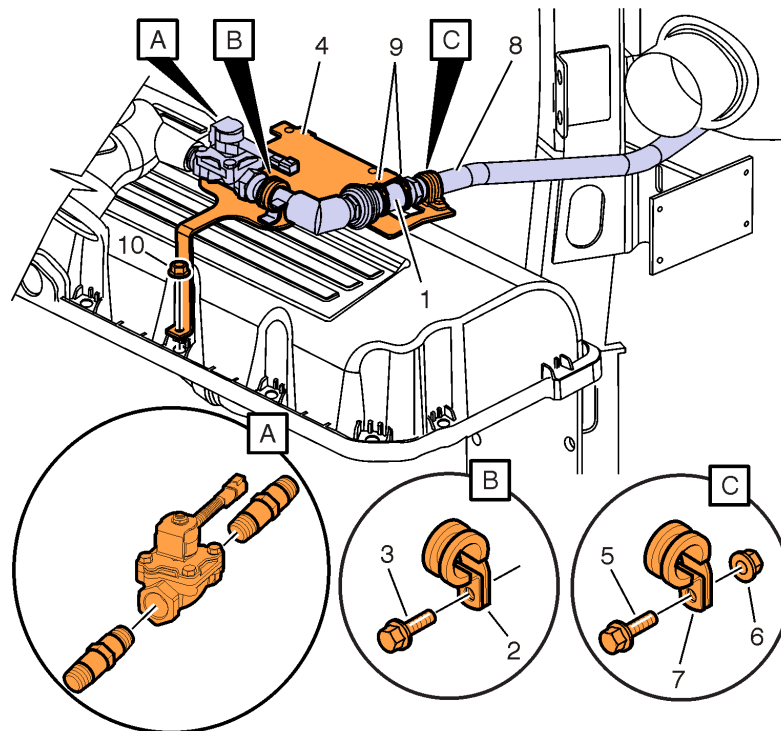
LEU, MRU
MP7
US07

FSB 258-013, Combustion Air Valve and Piping Arrangement

February 2012

On the LEU and MRU model vehicles it has been determined that there was insufficient support of the combustion air valve and piping. Piping threads, are thus being stripped. A new clamp and mounting bracket has been designed and implemented in production in January 2009. The parts listed in this bulletin can be used to retrofit the EMCON valve support on older models to the current production level.

Note: This bulletin does not apply to MACK Trucks Australia.



W2071783

Required Parts

Combustion Air Valve and Piping Arrangement			
Item	QTY	Part Number	Description
1	1	85111052	Hose
2	1	25095595	P-Clamp
3	1	995451	Screw
4	1	21257163	Bracket
5	1	946544	Screw

Combustion Air Valve and Piping Arrangement (Continued)			
6	1	20706309	Nut
7	1	25091511	P-Clamp
8	1	21272511	Hose
9	2	25017363	Hose Clamp
10	3	N/A	Existing Hardware

Procedure

You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

- 1 Disconnect all cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components.
- 2 Raise cab.
- 3 Using coolant extractor/injector 85112740, drain coolant from cooling system.
- 4 Disconnect combustion air valve, remove Charge Air Cooling (CAC) outlet pipe, remove elbow from mixer.
- 5 Remove the fresh air inlet pipe between turbo and air filter housing.
- 6 Disconnect coolant lines from the transmission oil cooler pipe.
- 7 Remove clamps securing transmission oil cooler pipe to stand off bracket.
- 8 Remove hose clamp from lower end of cooler pipe that runs over the valve cover and move pipe to the side.
- 9 Remove the existing stand-off bracket mounted over the valve cover.
- 10 Install the new stand-off bracket (21257163) over the valve cover.
- 11 Position the auxiliary cooling pipe bracket.
- 12 Install transmission coolant pipe.
- 13 Secure pipe to stand off bracket.
- 14 Connect coolant lines to the transmission coolant pipe.
- 15 Install CAC pipe, connect combustion air valve hose.
- 16 Install fresh air pipe.
- 17 Using coolant extractor/injector 85112740, fill cooling system.
- 18 Lower Cab.
- 19 Reconnect all previously removed cables to the negative (ground) battery terminals.
- 20 Start engine and check for leaks.

Reimbursement

This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	W
Labor Code	
Primary Labor Code	2352G-19-80 1.2 hrs.
Causal Part	21257163

MACK Trucks Inc. engages in a continuous program of testing and evaluating to provide the best possible product. MACK Trucks Inc., however, is not committed to, or liable for updating existing chassis.