



Mack Trucks, Inc.
Greensboro, NC USA

Field Service Bulletin Trucks

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9.2013	561	023	03	1(1)

Air Compressor Coolant Hose GU7, GU8 MP8

FSB 561-023, Air Compressor Coolant Hose

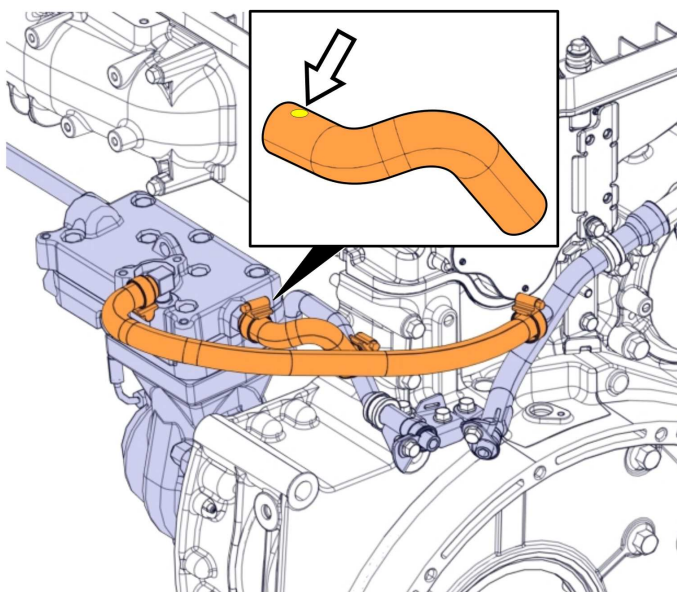
(September 2013)

On certain MACK GU8, and GU7 vehicles with MP8 engines built from March 11, 2009 to July 10, 2013 the production air compressor coolant return hoses have the same inside diameter on both ends of the hose. However, the fittings for the current air compressor coolant hoses are not the same size at both ends. The incompatibility of hose inside diameter and compressor fitting size has caused the compressor hoses to come loose or blow out from the air compressor fittings. Should a leak or blow out occur on one or both hoses, replace both hoses and the clamps.

The existing hose (part number 21324084) has been replaced by hose (part number 22053195) to prevent hose blow out. The new air compressor coolant hose is designed to accommodate a 12.3 mm (0.48 in) hose fitting at the air compressor and a 13.4 mm (0.57 in) fitting at the coolant supply pipe with an overall tolerance of ± 0.8 mm (.03 in). Additionally, a paint mark was added to the hose air compressor end to ensure correct installation. See image below for reference and correct air compressor coolant hose orientation.

The existing longer coolant supply hose (part number 21324019) has been replaced by a new hose (part number 21962870). The new hose has a similar inside diameter correction to accommodate the fitting size at the compressor end. The new longer hose does not have a mark to indicate orientation. It can only be installed in one direction.

For the correct installation, the existing hose clamp has been changed to clamp (part number 992082). The new hose clamp is torqued to 3.5 Nm (31.0 in-lb).



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