

Freightliner Action Bulletin

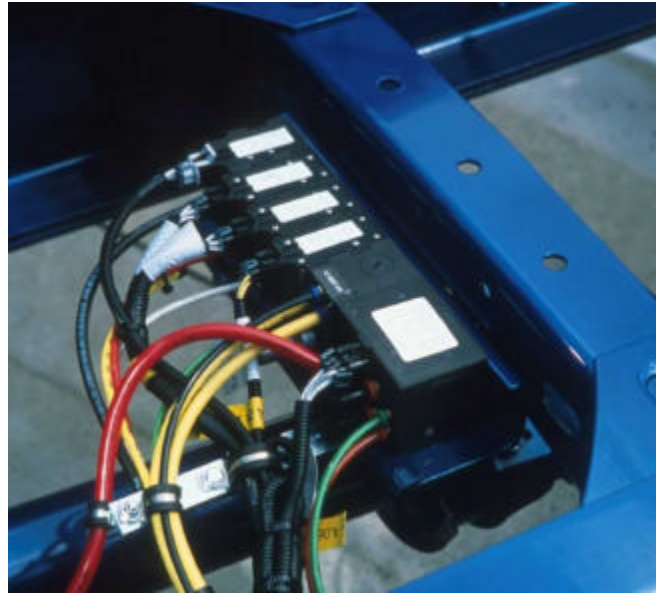
FAB018

02/14/03

Air Management Unit (AMU)

The Air Management Unit (AMU) is an assembly of pressure switches, and other valves located in a chassis cross-member, designed to control the pneumatic accessory functions of a truck using the multiplex electrical system. It was introduced with the launch of the Business Class M2 and is completely new to the industry.

The AMU allows many of the air lines to be removed from the dash of the vehicle. It greatly reduces the amount of air lines, fittings and potential leak points in the chassis and dash. With all valves, pressure switches, and solenoids together as modules of the AMU, adding new air options becomes very easy. The AMU is designed to be a single point interface for dealers, customers, and body builders.



Air Management Unit (top view)

The AMU controls inter-axle and differential traction locks, fifth-wheel slide, pressure protection, air suspension dump, PTOs, engine fan, engine brakes, brake lights, and park brake indicator lamps, just to name a few.

Benefits

- Improved vehicle quality, eliminating many potential leakage points
- Improved vehicle-to-vehicle plumbing consistency or similarity within a fleet.
- Reduces bulky air lines and valves in the dash
- Increased ease of serviceability with all valves and solenoids centrally located and accessible, and easy to assembly and disassemble.
- AMU modules can be purchased separately for easy aftermarket addition of air accessories.

Availability Included equipment on any Business Class M2 with air brakes or air related options

Further Information Business Class M2 Resource CD
Freightliner Sales Engineering