



Mack Models

Mack Model

LEU , LR , MRU - TerraPro , TE - TerraPro , AN - Anthem , CHU - Pinnacle, Axle back , CXU - Pinnacle, Axle front , GR - Granite , GU - Granite , PI - Pinnacle , TD - Titan

Volvo Models

Volvo Model

VNL , VNM , VNR , VNX , VAH

** SOLUTION **

Title Fault Code SPN 1056 FMI 2, Bendix Blink (Flash) Code 20-12 Trailer PMV Hold Function; ABS And TCS Lights Illuminated

Cause A vehicle may present with ABS and TCS lights illuminated and SPN 1056 FMI 2 logged on a DTC Readout. Bendix Blink Code 20-12 will accompany this fault.

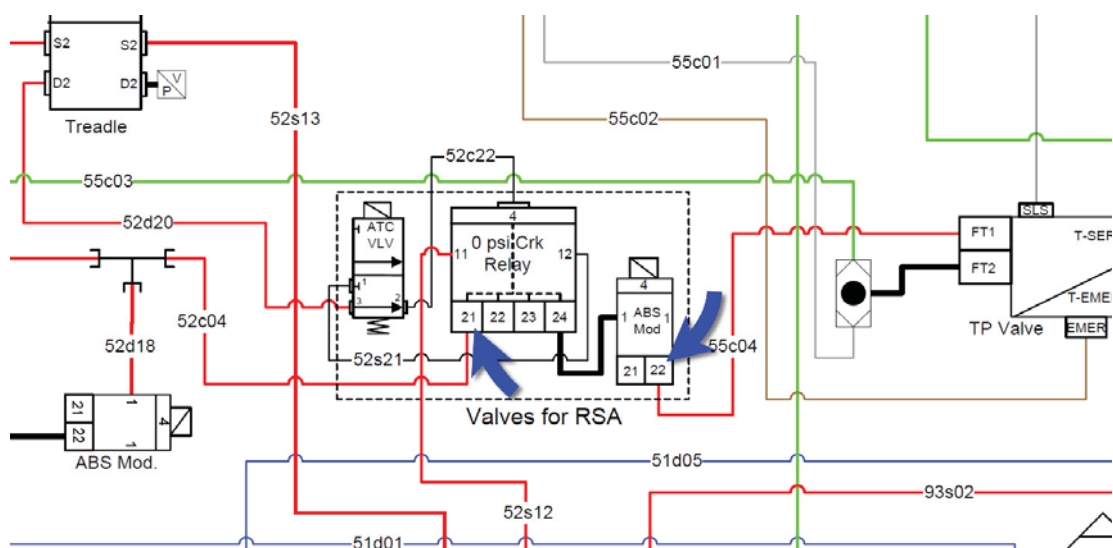
It has been found that this condition can be caused by two reversed air lines at the trailer ABS module.

Solution

Diagnosis

With a gauge connected inline at port FT1 of the TPV, full air pressure and a flutter between the TPV deactivation and Trailer PMV activation will be observed. On a proper functioning unit, about 35psi of steady air pressure was recorded (no flutter).

The TPV air line should be coming from port 22 of the ABS trailer module as shown in the diagram below. It was found to be routed to port 21 on units with this symptom. The blue arrows show the two ports that may be reversed.



In the cases described above, the TPV air line was found to be connected to port 21.

Repair

Swap the air lines between ports 21 and 22. Recheck the function.

Internal comments (BO)	Refer to SR # 1-8821303991 for more details.
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Solution visibility	Dealer distribution
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Function(s)/component(s) affected

Function affected	braking/auxiliary pneumatic circuits
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Function Group

Function Group	5 brake
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Customer effect

Main customer effect	fault code/display
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Fault code(s)

US10 Fault Codes	SPN 1056 FMI 2
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Administration

Author	RU3011V
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Dealer ID	RU4469V
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Last modified by	RU4469V
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Creation date	02-10-2018 17:10
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Date of last update	14-02-2019 18:02
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Status	Published
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