

Mack Chassis - Anthem (AN) And Pinnacle (PI) - ABS Modulator Wiring Rubbing Front Shock



Some Mack Anthem and Pinnacle trucks built between January 29, 2018 and September 13, 2020, with Hendrickson air ride front suspension may have the ABS modulator valve wiring contact and rub the front shock.



Wire contact and rubbing may result in open- or short-circuits and ABS fault codes. See images below.



Live UI

Control Unit ▲	DTC	Status	Count
Brakes - System Controller (SA 11)	SPN 796: Pressure Modulation Valve ABS Axle 1 Right, FMI 5: Current below normal or open circuit	Active	1
Brakes - System Controller (SA 11)	SPN 933: Brake System Hold Modulator Valve Solenoid Axle 1 Right, FMI 5: Current below normal or open circuit	Active	1
Information display (MID 140)	PSID 242: Data Link, MID248, FMI 9: Abnormal update rate	Active	1
Tire Pressure Controller (SA 51)	SPN 241: Tire Pressure, FMI 1: Data valid but below operational range	Active	127

A new pigtail connector is available to add clearance between the wiring and shock. Trucks built after September 13, 2020 have the modulator moved rearward away from the shock to prevent contact.

85130746 – Connector pigtail, 4 pin round, twist lock

21105899 – Butt splice for 18 GA/0.8 mm and 1.0 mm wire

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