



Condition

ATTENTION:

**THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.
TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.**

Applicable Vehicles

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta	2019	All	All	All	All

Revision Table

Instance Number	Published Date	Version Number	Reason For Update
2055239/1	5/31/ 19	87-19-01	Original publication.

Technical Background

Air Conditioning is inoperative with Fault Code B10AE31: "High Pressure Sensor No Signal" stored in **-J255-** Climatronic Control Module or **-J301-** A/C Control Module (AW 08). Fuse S250 may be missing or installed in the incorrect location (Figures 1 and 2 below).

-G805- Refrigerant Circuit Pressure Sensor is power supplied via fuse S250, located on the ST1 fuse panel, position C or E depending on equipment. Fuse S250 may be missing or installed in the incorrect location.

Service

1. First, check for voltage at **-G805-** Refrigerant Circuit Pressure Sensor.
 - a. Note: Ensure the check is performed with ignition ON as **-G805-** Refrigerant Circuit Pressure Sensor is supplied voltage via terminal 15 power.
2. If voltage is present, this Tech Tip does not apply and diagnosis should be continued.
3. If no voltage is present at **-G805-** Refrigerant Circuit Pressure Sensor:
 - a. Check that fuse S250 is present and installed correctly in either position "C" or "E" on the ST1.
 - b. If the fuse is found missing, install a 5 amp fuse, recheck **-G805-** power feed, clear faults and then re-evaluate air condition system operation.



87-19-01TT Air Conditioning Inoperative with Fault Code B10AE31: High Pressure Sensor No Signal

Release date: 05/31/2019

Fuse location	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
A	Not used	-	-	-
B	Front passenger power seat adjustment circuit breaker 1 S48	15 A	Right front seat adjustment control head EX34 Right front seat backrest fan 1 V516 Right front seat cushion fan 1 V518	30
C ¹⁾	Remote start system fuse 1 S250 ¹⁾	5 A	Refrigerant circuit pressure sensor G805 Remote start system relay J471	15
E ¹⁾	Remote start system fuse 1 S250 ¹⁾	5 A	Refrigerant circuit pressure sensor G805 Remote start system relay J471	15
D	USB Charging Socket Fuse S356	7.5 A	USB charging socket 1 U37	15
F	Not used	-	-	-
G	Not used	-	-	-

¹⁾ Depending on equipment

Figure 1

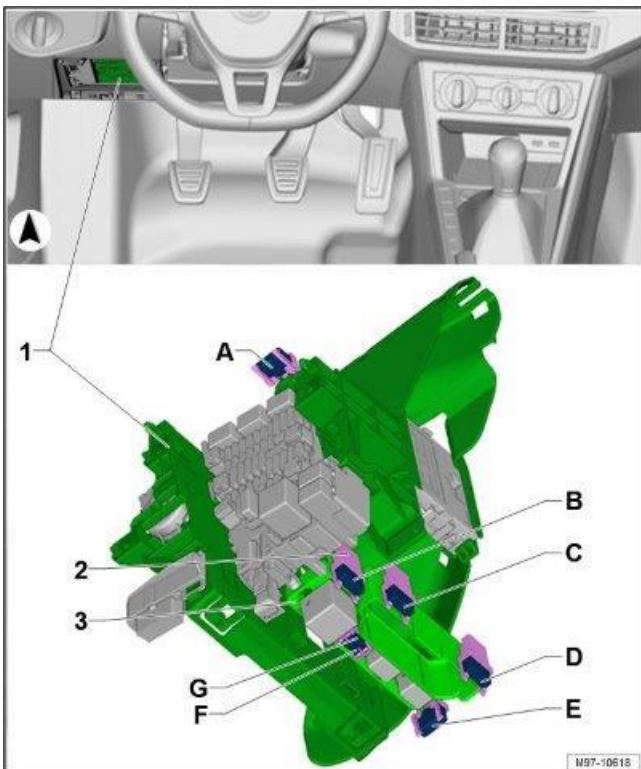


Figure 2

Additional Information

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