AFIT DMU not Connected Error Troubleshooting

(DMU is NOT Connected to (MCU) Main Control Unit)

AFIT SUPPORT BULLETIN

Click on page link

DMU is not connected to MCU 2

Connecting to battery and the DMU/MCU 2

DMU is not connected to battery 3

AFIT displays 0.00 volts—Connected Incorrectly 3

DMU is not connected to MCU

AFIT DMU is not connected to the AFIT Main Control Unit (MCU) Error Message Appears:



Connecting to battery and the DMU/MCU

1. Do not use the 120V A/C wall outlet adapter to power the MCU during testing. The Main Control Unit (MCU) must be powered using the 12V power cord from the vehicle's battery. The Drive and Measurement Unit (DMU) must also be powered from the same vehicle's battery. For a vehicle with a battery that is not easily accessible, the underhood jumper points can be used.

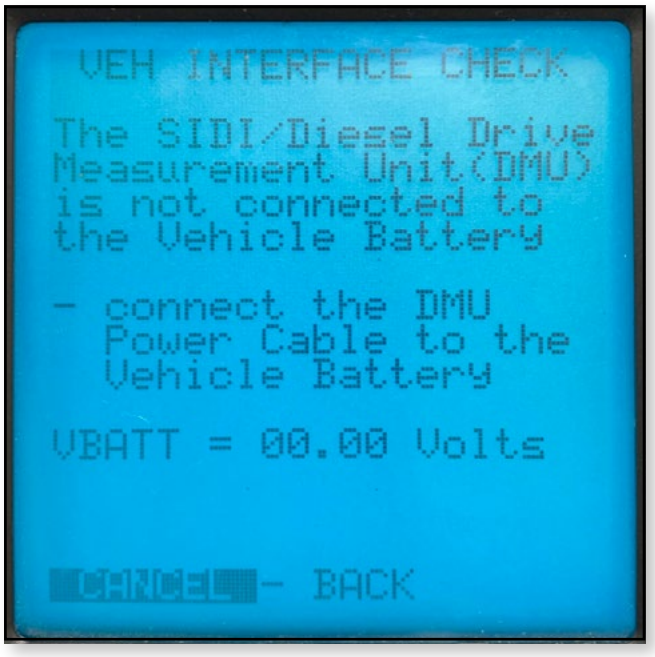
2. Verify that the battery clips of the DMU power cord are firmly attached to the battery source of the vehicle and the battery is fully charged.

3. Inspect that the DMU cable is connected to the MCU, and that the connector is fully engaged and locked in. It is possible to only lock one side of the connector and have a communication issue.

DMU is not connected to battery

INDEX PAGE

AFIT DMU is not connected to the battery Error Message Appears:



AFIT displays 0.00 volts — Connected Incorrectly

The OBDII serial cable must be connected to the MCU, not to the Program Port on the DMU. Connecting the vehicle's OBDII to the Program Port will cause the DMU to not communicate with the MCU.

Tip: *Tip: If the MCU displays VBATT 00.00 volts, the OBDII serial cable is connected to the DMU Program Port. Reconnect the OBDII serial cable to the MCU RS-232 port.*

(MCU) Main Control Unit	(DMU) Drive and Measurement Unit
OBDII Serial cable connection	Program Port for Updating software
 **RS-232 Port**	 **Program Port**