

Heavy Commercial Vehicles

Information bulletin to be circulated to:	Service Manager	Warranty Manager	Parts Manager	Master Technician	Servicing Advisor	BMIS
	✓	✓	✓	✓	✓	✓

Subject	Battery Warning Lamp, BMOS Error
Model	H625 H566 H476
Summary	Following operations must be performed when the battery warning lamp is on in Ford Trucks Vehicles due to BMOS error.

Parts to be Used

Part No	Part Name	Pieces used
GC46 - 10C679 - AA	BMOS Sensor (2016MY- Legacy)	1
JC46 - 10C679 - AA	BMOS Sensor (F-Max)	1

Labour

Labour Code	Labour Name	Time
31C022 A	BMOS R/I	0,30

Service Procedure

If a Fmax or Legacy vehicle comes to the service due to battery warning lamp and if the following error codes are read in BCM module, then the following instructions must be performed:

- DTCs read from BCM module in Legacy vehicle over FODP-2 Lite;
 - 53F0F3 : Battery charger inequality
 - 77F0F3 : Alternator charging error
 - 4DF0F3 : Battery sensor connection error
- DTCs read from BCM module in FMAX vehicle over FODP-2 Lite;
 - B1FB4-92 : Voltage difference between batteries
 - B1FB9-92 : BMS communication error
 - B11087-88 : LIN1 communication line is offline
 - U1041-87 : BMS communication error
 - U1043-87 : BMS LIN communication error
 - U1044-87 : BMS communication error
- It must be controlled whether there is any opening problem on battery tray legs (**All 4 battery tray legs**) that are located in the battery stand and that hold the batteries, and whether the battery is fixed or not. If there is opening and the battery is not fixed, then all clips holding the battery must be replaced. Afterwards, warning lamp must be controlled by removing and installing BMOS sensor.



- When the vehicle is in-service, BMOS connector must be removed and installed, and if the warning lamp is off, BMOS sensor must not be replaced. If the error cannot be removed, this operation must be repeated for 3 times. If the battery warning lamp does not turn off after 3 attempts, in this case, 10C679 numbered BMOS sensor must be replaced.