

July 16, 2014

BTB 51864 (1407)

MID Reads “12 Volt Battery Charging System Problem”

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2014	MDX	2WD	5FRYD3H..EB000001 thru 5FRYD3H..EB016054
2014	MDX	SH-AWD	5FRYD4H..EB000001 thru 5FRYD3H..EB032792

SYMPTOM

The MID reads “**12 Volt Battery Charging System Problem**”. In addition, DTC P16E3 (PGM-FI battery sensor LIN communication error) may be stored.

POSSIBLE CAUSES

The LIN communication buss may have experienced a communication problem.

CORRECTIVE ACTION

Update the gauge control module software.

SOFTWARE INFORMATION

NOTE: Unnecessary or incorrect repairs resulting from a failure to update the HDS or MVCI are not covered under warranty.

MVCI Control Module (CM) Update:

Application Version 3.01.40 **or later**

Database update 25-APR-2014 **or later**

HDS Software Version:

3.014.009 **or later**

Before beginning the repair, make sure that both the HDS and MVCI are updated as listed above.

Do only the update listed in this service bulletin.

Check that the MVCI indicates the applicable program ID listed below (or a later program ID) as the **Recommended Update** when the update begins.

If the MVCI displays **This vehicle does not need an update at this time** during the update, the software for this service bulletin is already installed.

For more information about updating the HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

CLIENT INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

Year/Model	Program ID (or later)	Program P/N (or later)
2014 MDX 2WD	Z5A020	78109-TZ5-A02
2014 MDX SH-AWD	A6A020	78109-TZ6-A02
2014 MDX 2WD with TECH, TECH-ENT	Z5A120	78109-TZ5-A12
2014 MDX SH-AWD TECH, TECH-ENT	Z6A120	78109-TZ6-A12
2014 MDX 2WD Advance	Z5A220	78109-TZ5-A22
2014 MDX SH-AWD Advance	Z6A220	78109-TZ6-A22

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
7165A0	Update the control module software.	0.4 hr	14-026N	78100-TZ6-A11

Defect Code: 03217

Symptom Code: 03215

Skill Level: Repair Technician

REPAIR PROCEDURE

1. Make sure the vehicle is in the LOCK mode.
2. With the parking brake set, press the ENGINE START/STOP button to select the ON mode (the daytime running lights should be off).
3. Turn the headlight switch off.
4. Update the gauge control module (meter) software. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.