

November 5, 2014

BTB 00316 (1411)

## i-MID Reads “12 Volt Battery Charging System Problem” with DTC P154A

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2014	RLX	ALL	ALL
2015	RLX	ALL	JH4KC1...FC000001 thru JH4KC1...FC000811

### SYMPTOM

The i-MID displays reads **12 Volt Battery Charging System Problem** and DTC P154A (battery sensor internal failure) may be stored.

NOTE: If there is no DTC stored, or DTC P16E3 is stored, refer to S/B 14-028, *i-MID Reads “12 Volt Battery Charging System Problem” with DTC P16E3.*

### POSSIBLE CAUSE

The battery sensor has an internal malfunction.

### CORRECTIVE ACTION

Replace the battery sensor.

### PARTS INFORMATION

Part Name	Part Number	Quantity
Battery Sensor	38920-TY2-A01	1

### WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
7101B1	Check for DTC P154A, and replace the battery sensor.	0.4 hr (Includes DTC Check)	14-034N	38920-T2A-A02

Defect Code: 03217

Symptom Code: 03215

Skill Level: Repair Technician

**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.

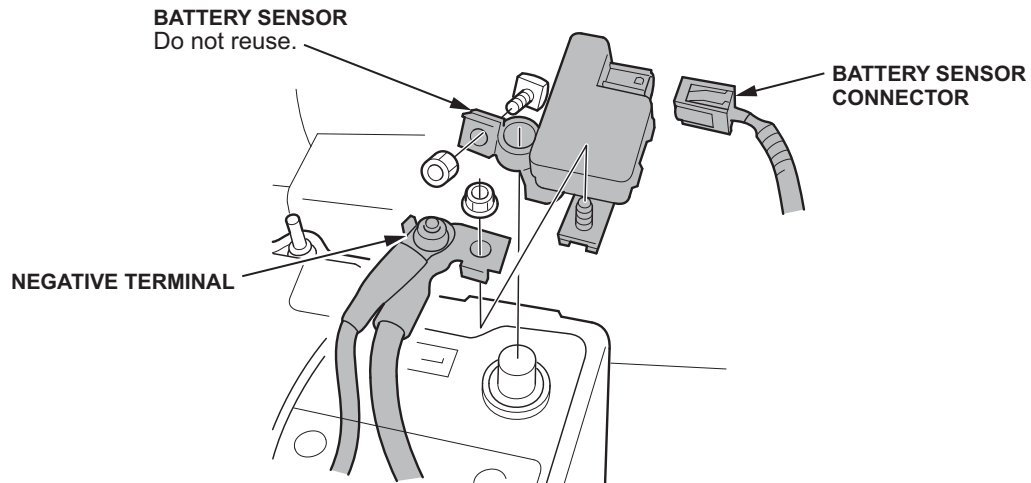
## DIAGNOSIS

Check for DTCs.

- If DTC P154A is stored, clear all DTCs and go to REPAIR PROCEDURE.
- If DTC P16E3 is stored or if there is no DTC present, go to Service Bulletin 14-028, *i-MID Reads "12 Volt Battery Charging System Problem" With DTC P16E3*.

## REPAIR PROCEDURE

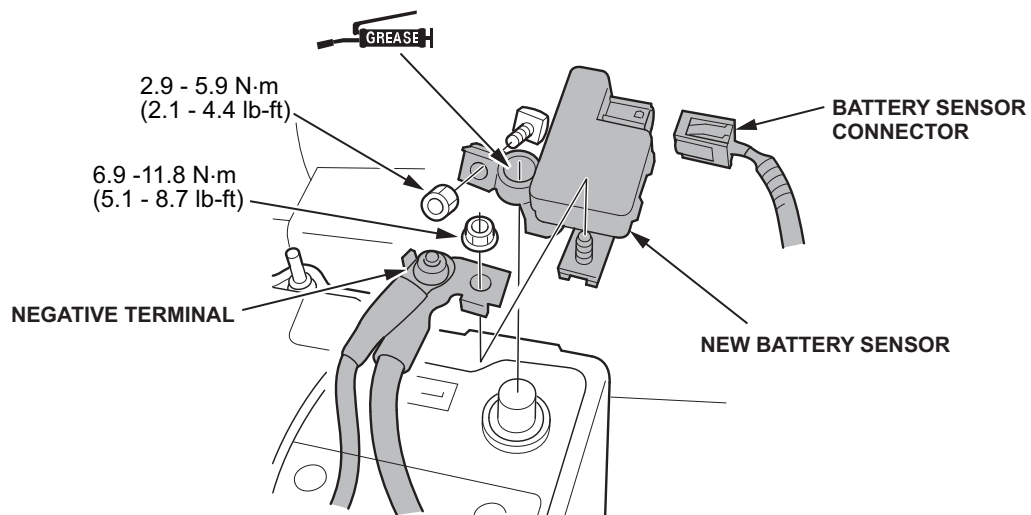
1. Make sure the power mode is set to OFF.
2. Disconnect the battery sensor connector from the battery.



3. Remove the battery sensor from the battery.
4. Disconnect the negative terminal from the battery sensor, then remove the battery sensor.

NOTE: Make sure the areas between the negative terminal and the battery sensor are clean. To protect the battery sensor connector from any damage, do not hold it when installing the negative terminal.

5. Install the new battery sensor onto the battery and torque the mounting nuts to **2.9–5.9 N·m (2.1–5.1 lb-ft)**
6. Install the negative terminal onto the battery sensor and torque the mounting nuts to **6.9–11.8 N·m (5.1–8.7 lb-ft)**.



7. Connect the battery sensor connector.
8. Apply multipurpose grease to the terminal to prevent corrosion.
9. Reset the clock to the correct time (non-navigation vehicles only).

END