

February 8, 2018

Version 1

Flickering Lights, Multiple Indicators Coming On, Jerky Steering and/or Voltage-Related Fluctuations

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017	MDX	ALL	5FRYD....HB002036 TO 5FRYD....HB025970
2017	RDX	ALL	5J8TB....HL009715 TO 5J8TB....HL029414
2017	TLX	V6 Only	19UUB....HA000717 TO 19UUB....HA005357

SYMPTOM

While driving, the client may experience flickering interior/exterior lights, multiple indicators coming on, jerky steering and/or other voltage-related fluctuations.

POSSIBLE CAUSES

The B+ sensing screw on the alternator is not torqued properly.

CORRECTIVE ACTION

Remove the rear alternator cover, and torque the B+ sensing screw to the specified value.

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.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Year/Model	Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
2017 MDX	1180A8	Torque the B+ Sensing Screw.	0.5 hr	07405	09703	B18004A	31100-5J6-A01
2016-17 RDX	1180A8	Torque the B+ Sensing Screw.	0.6 hr	07405	09703	B18004B	31100-5G0-A02
2016-17 TLX V6	1180A8	Torque the B+ Sensing Screw.	0.5 hr	07405	09703	B18004C	31100-5X6-J01

Skill level: Repair Technician

REPAIR PROCEDURE

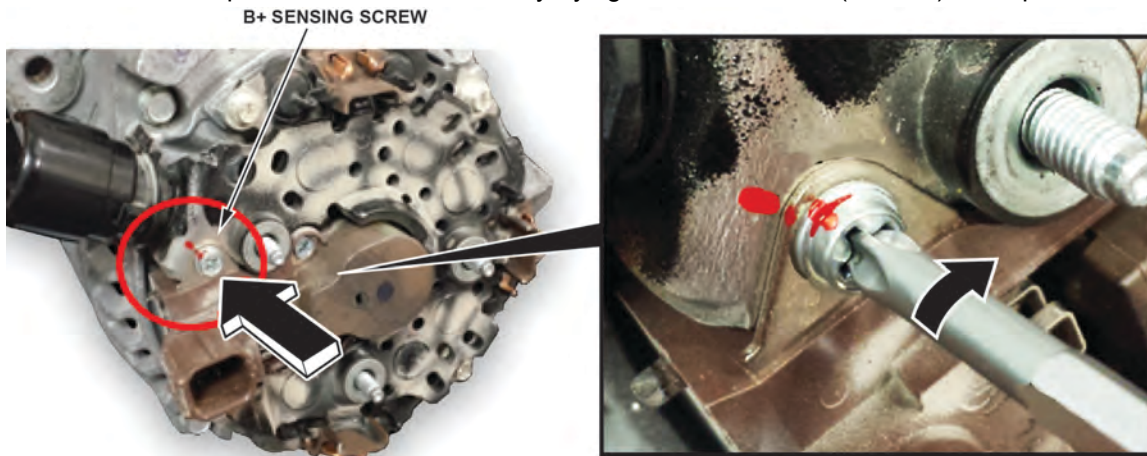
1. Disconnect and isolate the negative cable with the battery sensor from the battery. Refer to the service information.
2. Remove the #4 spark plug ignition coil to give you better access. Refer to the service information.
3. Disconnect the alternator connector.
4. Remove the three 8 mm nuts holding on the rear alternator cover, then remove the cover.



5. Torque the B+ sensing screw with a stubby Phillips #2 screwdriver to 2 N•m (1.5 lb-ft).

NOTE

Due to space limitations, technicians may need to torque with an extension and a 1/4 swivel with a #2 Philips head bit. Do not overtorque this screw. You are only trying to achieve 2 N•m (1.5 lb-ft) of torque.



6. Install the rear alternator cover to 4 N•m (3.3lb-ft).
7. Install all removed components. Refer to the service information.
8. Connect the negative cable and the battery sensor to the negative battery post. Refer to the service information.
9. Before returning the vehicle to the client, do an all DTC check and clear DTCs for all the systems. Refer to the service information.

END