

January 22, 2016

03013 Version 1

Remote Engine Start System Poor Range Performance

AFFECTED VEHICLES

Year	Model	Trim	VIN range
2014–15	MDX	ALL	ALL

BACKGROUND

Both remote transmitters (or FOBs) may have poor range performance and/or intermittent remote engine starting operation due to radio frequency interference (RFI).

CORRECTIVE ACTION

Replace both remote transmitters and the transceiver unit.

PARTS INFORMATION

Part Name	Part Number	Quantity
Remote Engine Start Kit (Base and Technology)	38015-TZ5-A30	1
Transceiver Unit (Advance)	38370-TZ3-A01	1
Entry Key FOB assembly, Driver 1 (Advance)	72147-TZ6-A71	1
Entry Key FOB assembly, Driver 2 (Advance)	72147-TZ6-A81	1

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
0501E5	Replace both remote transmitters and the transceiver unit. Includes reprogramming the remote transmitters. (Base and Technology models)	0.6 hr	07403	09001	16-001N	38320-TZ6-A51
0501E5	Replace both remote transmitters and the transceiver unit. Includes reprogramming the remote transmitters. (Advance models)	0.6 hr	07403	09001	16-001P	38320-TZ6-A51

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.

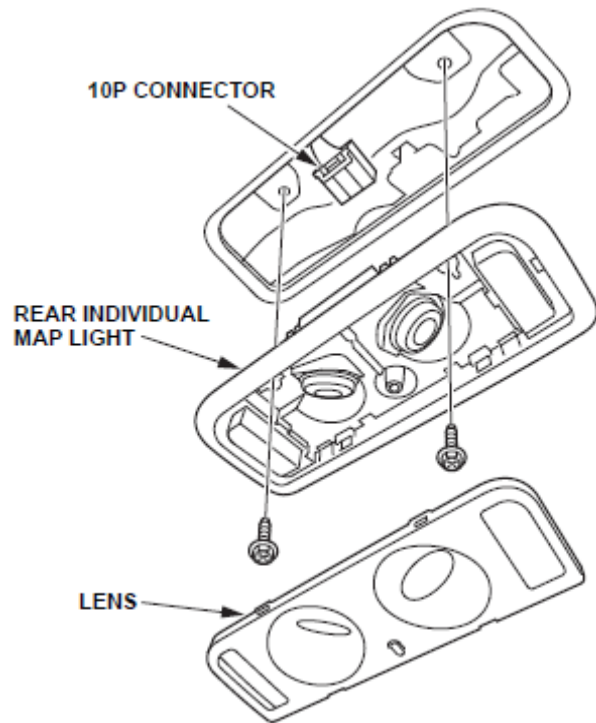
DIAGNOSIS

Check the batteries in the remote transmitters and do the normal keyless access troubleshooting. If one remote transmitter operates properly and the other does not, the most probable cause is an individual remote transmitter problem, and this service bulletin does not apply.

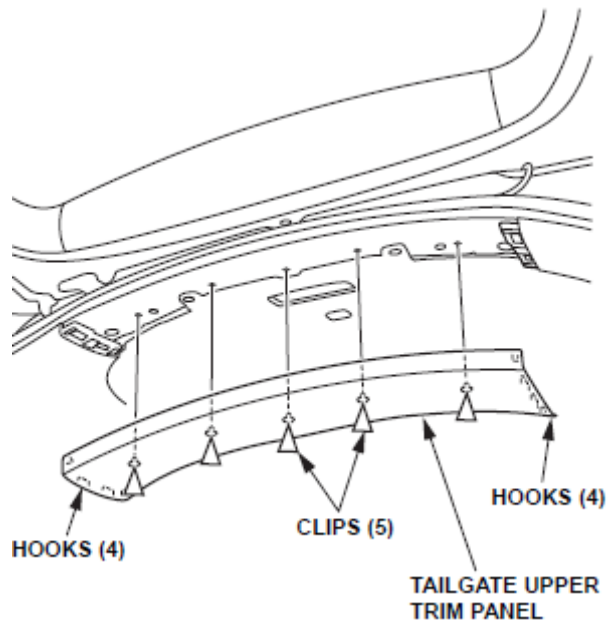
REPAIR PROCEDURE

NOTE: Be careful to not damage the headliner.

1. Remove the rear individual map light.

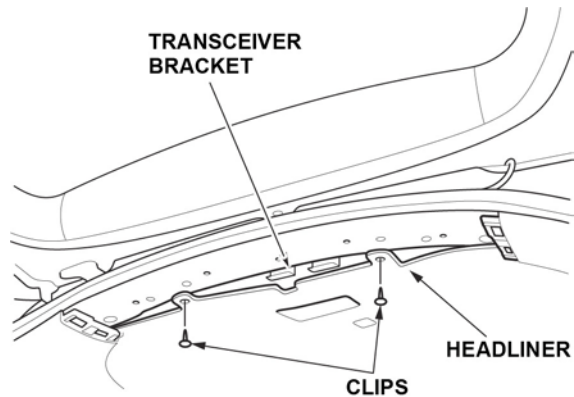


2. Remove the tailgate upper trim panel.

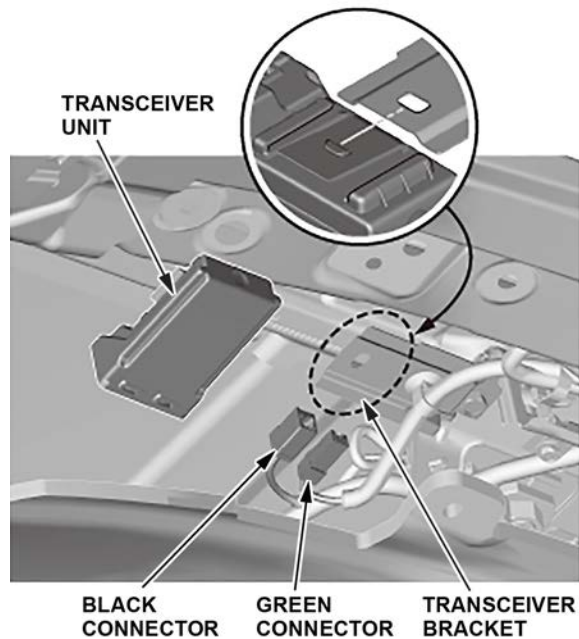


3. Remove the two clips from the headliner as shown. Carefully pull the headliner down to access the transceiver bracket.

NOTE: Be careful not to bend or crease the headliner.



4. Disconnect the green and black connectors and slide the transceiver unit off of the bracket.



5. Install the new transceiver unit by sliding it back onto the bracket.
6. Reconnect the connectors.
7. Reinstall the headliner.
8. Reinstall the tailgate upper trim panel.
9. Reinstall the rear individual map light and torque the bolt to **2.9 N·m (2.1 lb-ft)**.
10. Transfer the emergency keys from the original fobs to the new fobs then reprogram all remote transmitters using the ENGINE REMOTE START SYSTEM REGISTRATION procedure.

REMOTE ENGINE START SYSTEM REGISTRATION

1. Connect the HDS to the data link connector (DLC).
2. From the **System Selection Menu**, select **ONE-PUSH START**, then go to **Registration**.
3. Select **KEYLESS ACCESS Remotes**, then go to **All KEYLESS ACCESS Remotes Lost (WILL NEED PCM CODE – FOUND IN iN)**.
4. Remove the original remote transmitters from the vehicle and have the new remote transmitters in the vehicle, then follow the screen prompts.
5. After registration, verify all remote-related systems work normally with all remotes.

NOTE: Old/new remote transmitters and transceivers are not cross compatible. Trying to pair a remote transmitter to the wrong transceiver will fail. For example: remote transmitter p/n 72147-TZ6-A71/A81 will only work with the p/n 38370-TZ3-A01 transceiver (new system – refer to parts information). Remote transmitter p/n 72147-TZ6-A51/A61 will only work with the p/n 38370-TZ6-A01 transceiver (old system). For future remote transmitter replacements, you will need to check the inside of the FOB to ensure the correct replacement part is ordered. If both FOBs are missing, you will need to get the number off the transceiver to determine which FOBs to order.

