



November 15, 2014

BTB 00319 (1410)

## Power Steering Buzz or Grunt After Shifting From Reverse

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2014	MDX	ALL	ALL
2015	MDX	2WD	5FRYD3H4.FB000001 thru 5FRYD3H4.FB006937 5FRYD3H8.FB000001 thru 5FRYD3H8.FB007398
2015	MDX	SH-AWD	5FRYD4H4.FB000001 thru 5FRYD4H4.FB016167 5FRYD4H8.FB000001 thru 5FRYD4H8.FB016387

### SYMPTOM

After driving in reverse and steering, there is a buzz or grunt after shifting from Reverse to Drive and turning the steering wheel. For example, the client turns while backing out of a driveway, shifts to Drive, and then turns the wheels to drive off, may hear the buzz or grunt.

### POSSIBLE CAUSE

The software that manages the electric power steering (EPS) is designed to provide good steering 'feedback' in all vehicle operating conditions. To acquire the correct 'feel,' different settings are required in reverse and forward directions. The improved software is designed to prevent the buzz or grunt during the transition of rapidly changing from Reverse to Drive while turning the wheel to maneuver the vehicle.

### CORRECTIVE ACTION

Update the EPS control unit 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 20-OCT-2014 **or later**

HDS Software Version:

3.015.020 **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.

**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.

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

<b>Year/Model</b>	<b>Program ID (or later)</b>	<b>Program P/N (or later)</b>
2014–15 MDX 2WD Tech	Z5A01	39990-TZ5-A01
2014–15 MDX 2WD Advance	Z5A61	39990-TZ5-A61
2014–15 MDX SH-AWD Tech	Z6A01	39990-TZ6-A01
2014–15 MDX SH-AWD Advance	Z6A61	39990-TZ6-A61

### **WARRANTY CLAIM INFORMATION**

The normal warranty applies.

<b>Operation Number</b>	<b>Description</b>	<b>Flat Rate Time</b>	<b>Template ID</b>	<b>Failed Part Number</b>
5135A6	Update the EPS control unit software.	0.3 hr	14-045N	39980-TZ5-A01

Defect Code: 00504

Symptom Code: 04201

Skill Level: Repair Technician

### **REPAIR PROCEDURE**

Update the EPS control unit software. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

NOTE: The update cannot be done if the HDS is connected to the MVCI.