

November 8, 2016

05320 Version 2

Warranty Extension: 2007–13 MDX and 2010–12 ZDX Front Active Damper

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2007–13	MDX	ALL with Active Damper System	Check the iN VIN status for eligibility
2010–12	ZDX	ALL with Active Damper System	Check the iN VIN status for eligibility

BACKGROUND

In cold areas, the front active dampers may be susceptible to leaking. Since these dampers are mounted in an inverted position, the leak is not visible on the exterior of the damper. If an excessive amount of damper oil has leaked, the active dampers may make a clunk or a bang when driving on rough roads or over speed bumps.

There are two bulletins that address front active damper noise:

- S/B 16-020, *Warranty Extension: 2007–10 MDX and 2010 ZDX Front Active Damper*, which covers some 2007–10 MDX and 2010 ZDX vehicles. The extended warranty covering these vehicles may have already expired, or will expire before November 8, 2016, **based on the original date of purchase**. To improve client confidence, vehicles covered under this bulletin will receive a grace period that covers the damper until May 8, 2017 (or 100,000 miles) to ensure that all clients receive at least 6 months of coverage. **This bulletin will expire May 8, 2017.**
- S/B 16-021, *Warranty Extension: 2007–13 MDX and 2010–12 ZDX Front Active Damper*. Vehicles covered under this bulletin will have the warranty on the front active dampers extended to 7 years from the original date of purchase or 100,000 miles, whichever comes first.

The following states are covered by the warranty extension: Alaska, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, Washington, West Virginia, Wisconsin, and Wyoming.

CLIENT NOTIFICATION

Owners of affected vehicles will be sent a notification of this campaign.

Do an iN VIN status inquiry to make sure the vehicle is shown as eligible.

CORRECTIVE ACTION

Do the inspection and, if necessary, replace both front active dampers.

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.

PARTS INFORMATION

Part Name	Part Number	Quantity
Front Right Damper Unit (2007–09 MDX)	51605-STX-365	1
Front Left Damper Unit (2007–09 MDX)	51606-STX-365	1
Front Right Damper Unit (2010–13 MDX and 2010–12 ZDX)	51605-STX-A59	1
Front Left Damper Unit (2010–13 MDX and 2010–12 ZDX)	51606-STX-A59	1
Flange Bolt (18 x 76 mm)	90119-SJC-A00	4
Nut (14 mm)	90213-STX-A51	2
Flange Nut (10 mm)	90307-STX-A01	6
Flange Nut (12 mm) (2010–13 MDX and 2010–12 ZDX)	90362-SZA-A00	2
Flange Nut (12 mm) (2007–09 MDX)	94050-12080	2
Flange Nut (18 mm)	90381-SJC-A00	4

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
4141E4	2007-09 MDX: Do the inspection and replace both front dampers (includes test-drive, damper force operation test. No alignment necessary).	2.5 hrs	6D100	JY900	16-021N	51605-STX-A58
4141E4	2010-13 MDX and 2010-12 ZDX: Do the inspection and replace both front dampers (includes test-drive, damper force operation test. No alignment necessary).	2.5 hrs	6D100	JY900	16-021P	51605-STX-A58

NOTE: If you are replacing the front and rear dampers at the same time, **you may only claim one alignment.**

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
4141E4	2007-09 MDX: Do the inspection and replace both front dampers (includes test-drive, damper force operation test, and alignment).	2.5 hrs	6D100	JY900	16-021Q	51605-STX-A58
A	Alignment- add	0.4 hr				
4141E4	2010-13 MDX and 2010-12 ZDX: Do the inspection and replace both front dampers (includes test-drive, damper force operation test, and alignment).	2.5 hrs	6D100	JY900	16-021R	51605-STX-A58
A	Alignment- add	0.4 hr				

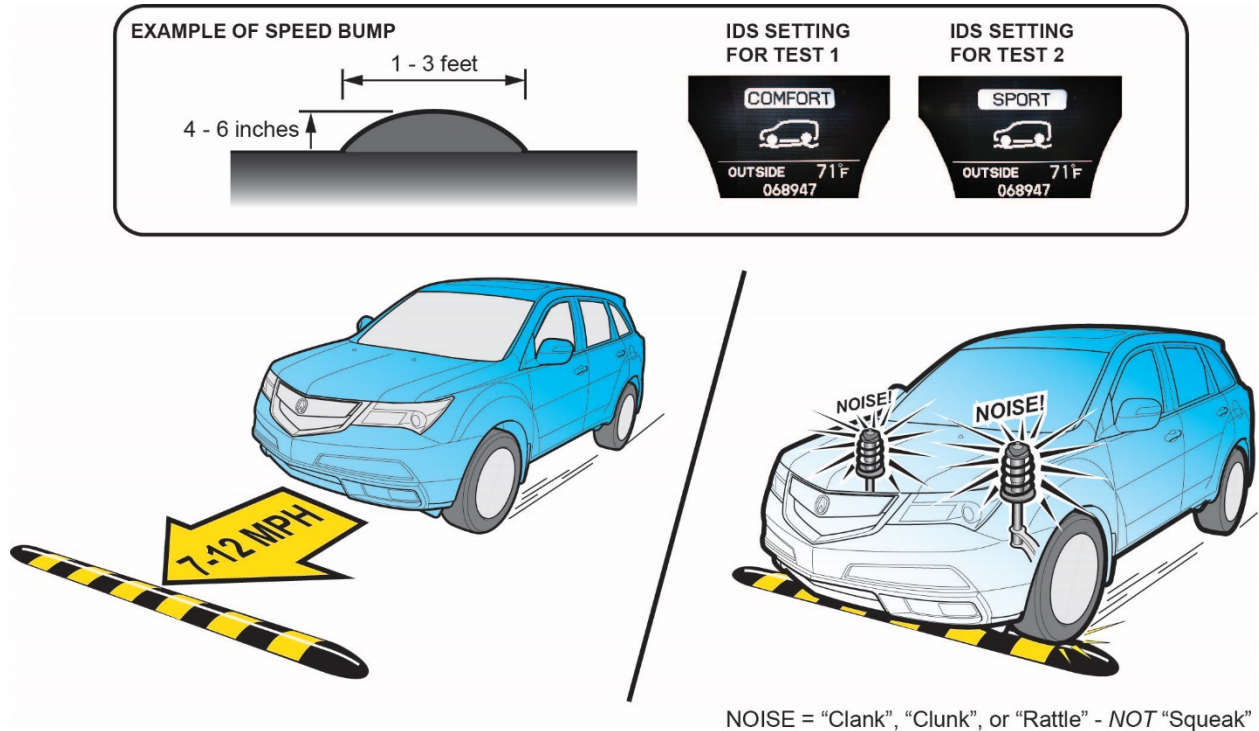
INSPECTION PROCEDURE

NOTE: The damper noise is a clank, clunk, or rattle. Other types of noises like squeaks are not caused by the damper and are not covered by this warranty extension.

1. Test-drive the vehicle in both Comfort and Sport modes while driving over a speed bump at about 7-12 mph.

NOTE: Make sure the speed bump is 4-6 inches (100-150 mm) high and 1-3 feet (30 -90 cm) long.

- **If there is a clank, clunk or rattle** coming from the front suspension area, go to step 2.
- **If there is no clank, clunk or rattle** coming from the front suspension area, this bulletin does not apply. Other types of noises like squeaks are not caused by the damper and **are not covered by this warranty extension**. Continue with normal troubleshooting.



NOISE = "Clank", "Clunk", or "Rattle" - *NOT* "Squeak"

2. Inspect the vehicle for loose components and suspension bolts. If you find any, tighten them, then recheck.
 - **If you did not find any loose components or suspension bolts**, go to REPAIR PROCEDURE.
 - **If you found any loose components or suspension bolts, and the noise went away** when you test-drove it, this bulletin does not apply.
 - **If you found any loose components or suspension bolts, but the noise did not go away** after you tightened them, go to REPAIR PROCEDURE.

REPAIR PROCEDURE

1. Replace both front damper units. Refer to the applicable service information.
2. Using the i-HDS, follow the on-screen instructions to do the Damper Force Operation Test.
3. Check and adjust the front wheel alignment.

END