

February 15, 2024

Version 2

Squeaking or Cracking from Front of Vehicle Going over Bumps

Supersedes 20-025, dated June 19, 2020, to revise the information highlighted in **yellow**.

AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2019	RDX	ALL	ALL
2020		2WD	5J8TC1...LL000001 thru 5J8TC1...LL017952
		AWD	5J8TC2...LL000001 thru 5J8TC2...LL035514

REVISION SUMMARY

Under PARTS INFORMATION, part numbers were updated.

SYMPTOM

There is a squeaking or creaking from the front suspension area when going over bumps or rough roads.

POSSIBLE CAUSE

The rubber in the right or left lower control arm bushing is contacting the front subframe.

CORRECTIVE ACTION

Replace the lower control arm.

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
Arm, R Front (Lower)	51350-TJB-A10	1
Arm, L Front (Lower)	51360-TJB-A10	1
Bolt, Flange (16 x 94)	90118-TJB-A04	1
Nut, Self-Lock (12 mm)	90370-SJA-000	3
Bolt-Washer (14 x 105)	90396-TLA-A01	2
Bolt, Flange (14 x 50)	90181-TLA-A00	1
Nut, Spindle	90305-S3V-A11	1
Bolt, Flange (10 x 35)	90182-TLA-A00	2
Nut, Flange (10 mm)	90002-S10-000	1

WARRANTY CLAIM INFORMATION

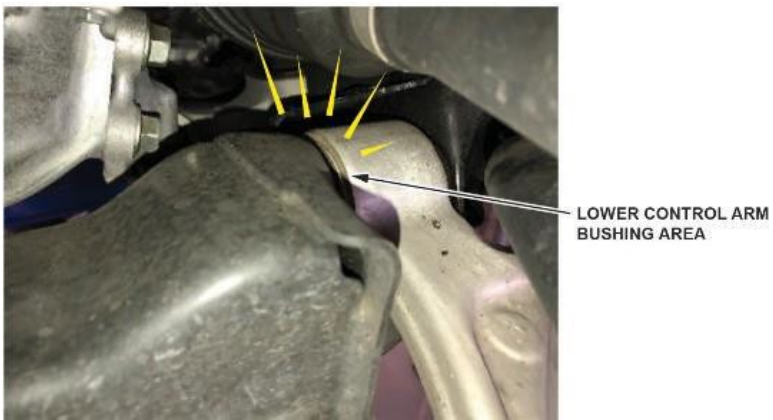
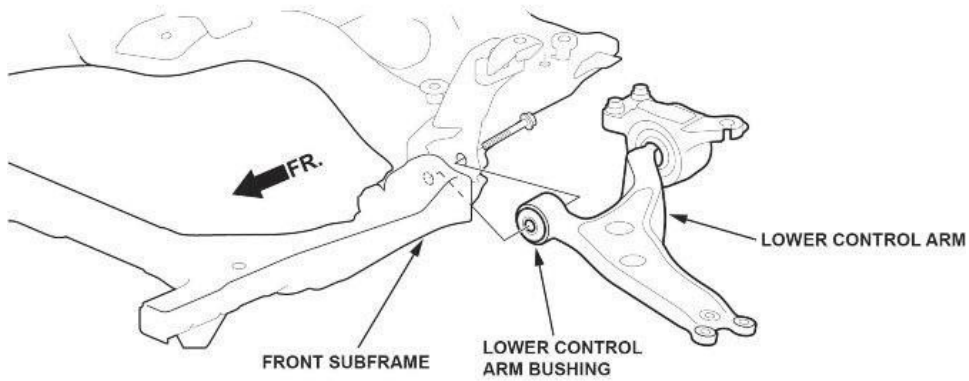
The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
416118	Replace the left lower control arm.	1.0 hr	03214	04201	B20025A	51360-TJB-A04
B	Alignment - add	0.4 hr				
416119	Replace the right lower control arm.	1.0 hr	03214	04201	B20025B	51350-TJB-A04
B	Alignment - add	0.4 hr				
416117	Replace the left and right lower control arms.	1.8 hr	03214	04201	B20025C	51360-TJB-A04
B	Alignment - add	0.4 hr				

Skill Level: Repair Technician

INSPECTION PROCEDURE

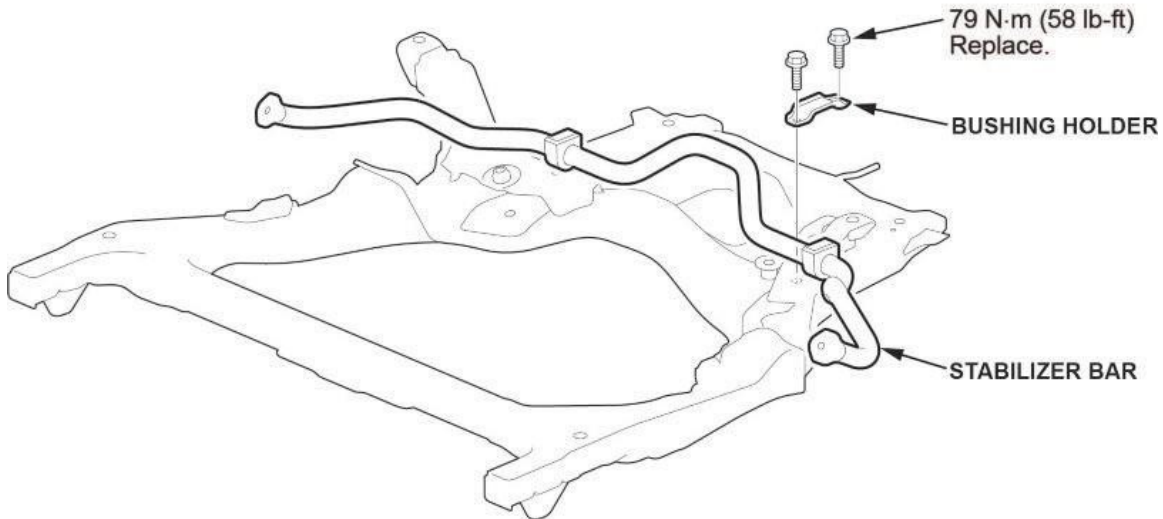
Using a ChasisEar, make sure the noise is coming from the lower control arm bushing. Isolate the noise to either the left, right, or both control arms, then replace the affected parts.



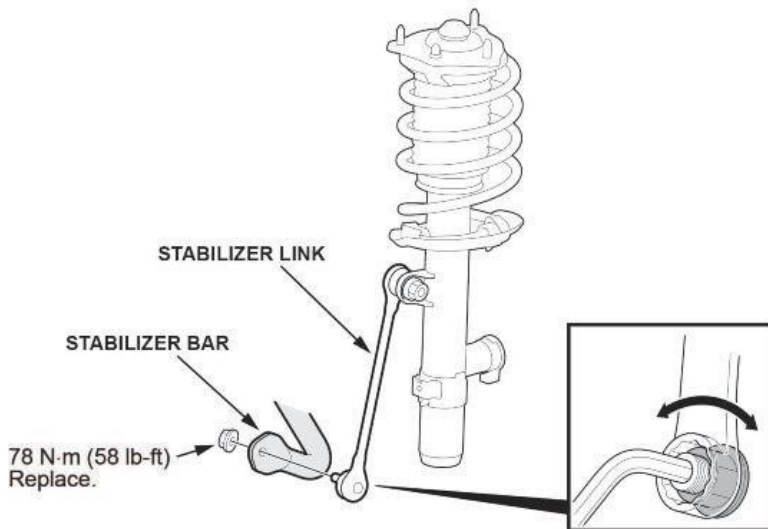
REPAIR PROCEDURE

NOTE: The images in this repair procedure show the left side of this vehicle. Repair to the right side will be done the same way.

1. Remove the front wheel.
2. Remove the engine under cover. Refer to the service information.
3. On AWD models, remove the rear engine under cover. Refer to the service information.
4. Remove the stabilizer bar bushing holder.

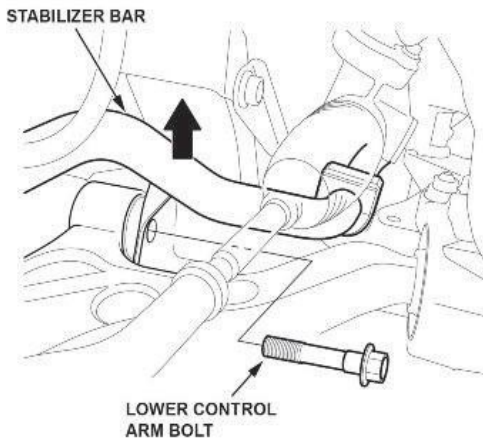


5. Disconnect the stabilizer bar link from the stabilizer bar.



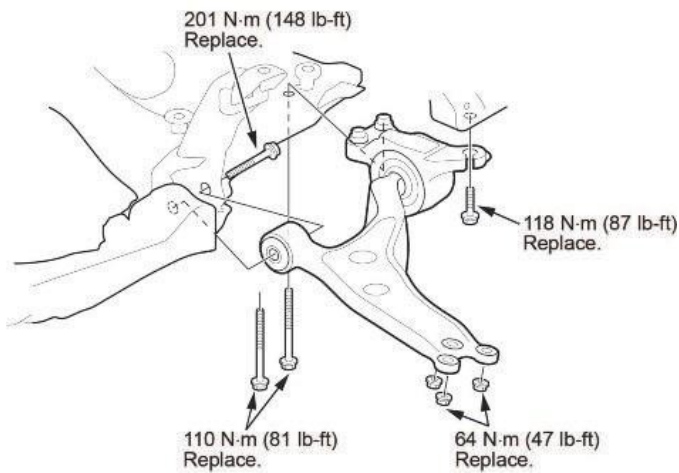
6. Disconnect the front driveshaft outboard joint. Refer to the service information.

7. Move the stabilizer bar upwards to gain access to the lower control arm bolt.

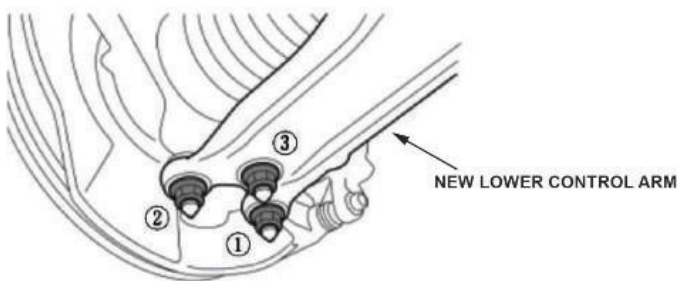


8. Replace the lower control arm.

NOTE: Loosely install the bushing bolts, then tighten them to the specified torque with the suspension loaded with the vehicle's weight.



Tighten the front lower ball joint nuts in the sequence as shown:



9. Install all of the remaining parts in the reverse order of removal, then torque all of the fasteners to specification. Refer to the service information.
10. Do an alignment check, and make adjustments as needed.
11. Do the VSA Neutral Position Memorization procedure. Refer to the service information.
12. Make sure the noise from the lower control arm is gone.