



HONDA INSTALLATION INSTRUCTIONS

Accessory
SPORTS SUSPENSION

Application
2018 FIT

Publications No.
VERSION 1
Issue Date
OCT 2017

PARTS LIST

Sports Suspension Kit
P/N 08W60-T5A-100
P/N 08W60-T5A-100A

Right front damper assembly



Left front damper assembly



2 Rear damper assemblies



2 Rear springs



2 Flange bolts, 10 x 73 mm



4 Flange bolts, 14 x 57.3 mm



2 Flange nuts, 10 mm



4 Flange nuts, 14 mm



Important Information



TOOLS AND SUPPLIES REQUIRED

Refer to the tools listed in the service information.

INSTALLATION

Customer Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

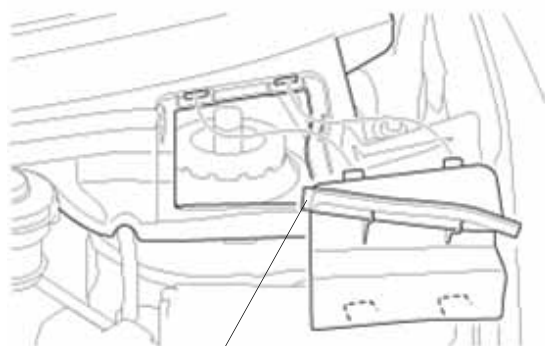
NOTE:

- Place the vehicle on a firm, level surface.
- Inflate the tires to the specified air pressures.
- Follow the procedure, safety notes, and precautions in the applicable information.
- Install the right and left dampers in the proper positions. The damper marked R goes on the right side; the damper marked L goes on the left side.
- These dampers are designed to be used exclusively with this model and should not be used with other models.

1. Disconnect the negative cable from the battery.

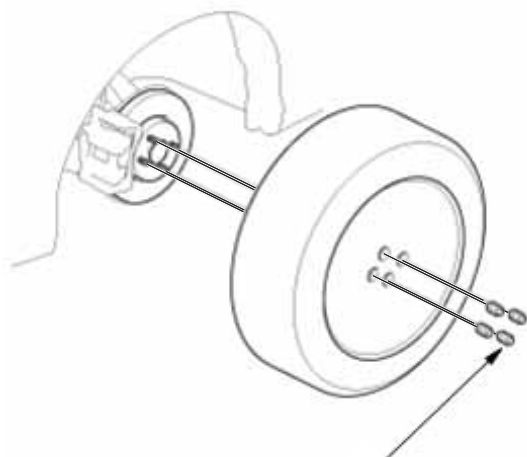
Installing the Sport Suspension

2. With the vehicle on a lift and not raised, remove the maintenance lid.



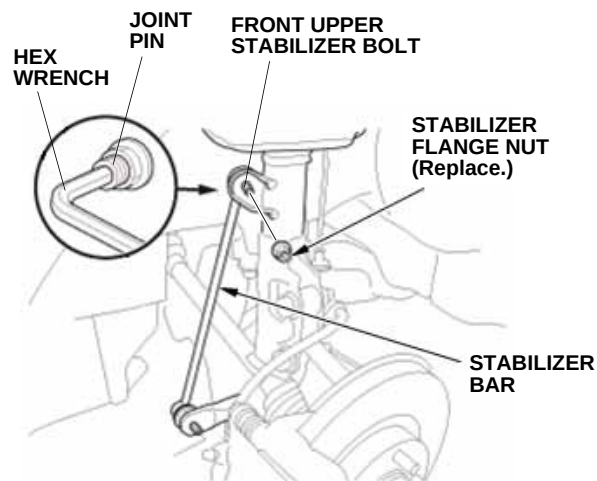
MAINTENANCE LID

3. Raise the vehicle, and remove the left front wheel.

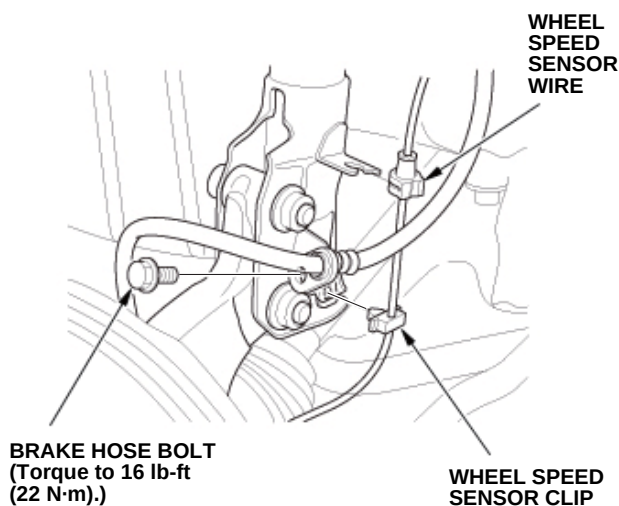


4 FRONT WHEEL NUTS
Reuse.
(Torque to 80 lb-ft
(108 N·m).)

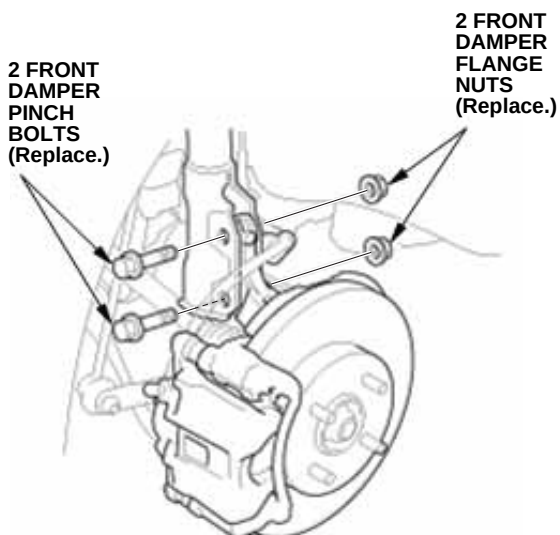
4. Release the front upper stabilizer bolt. Remove the stabilizer flange nut while holding the joint pin with a hex wrench.



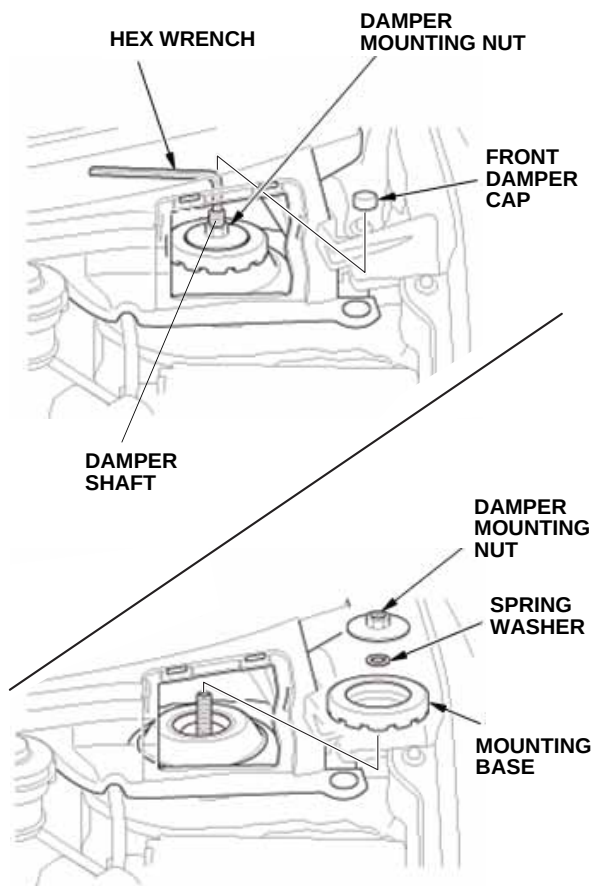
5. Remove the brake hose bolt, and release the wheel speed sensor wire and clip.



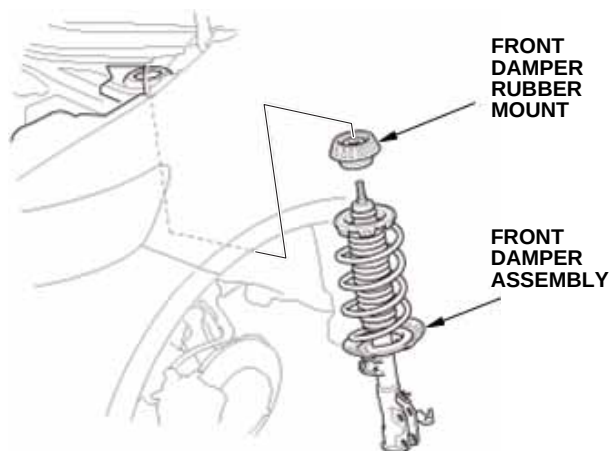
6. Remove the front damper pinch bolts and flange nuts.
NOTE: Do not allow the knuckle to rotate too far outward. This may allow the driveshaft inboard joint to come apart.



7. Remove the front damper cap, damper mounting nut, spring washer, and mounting base.
NOTE: Hold the damper shaft with a hex wrench, and loosen the damper mounting nut.



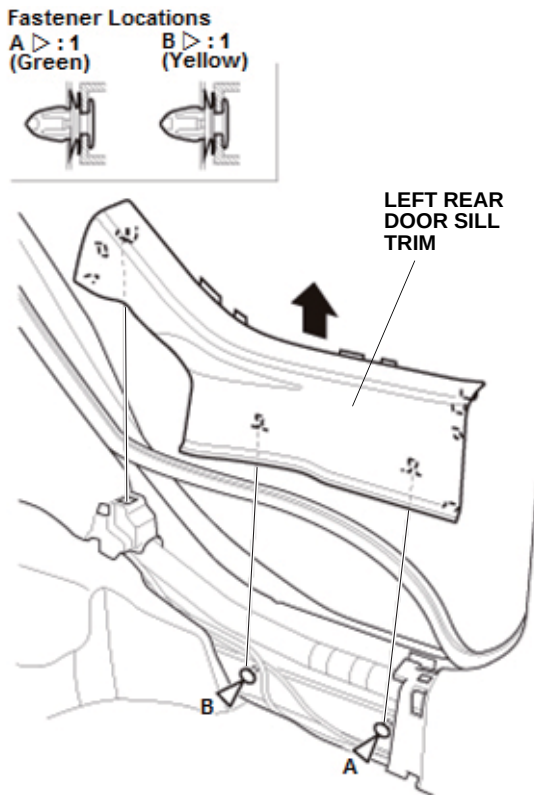
8. Remove the front damper assembly and the front damper rubber mount.



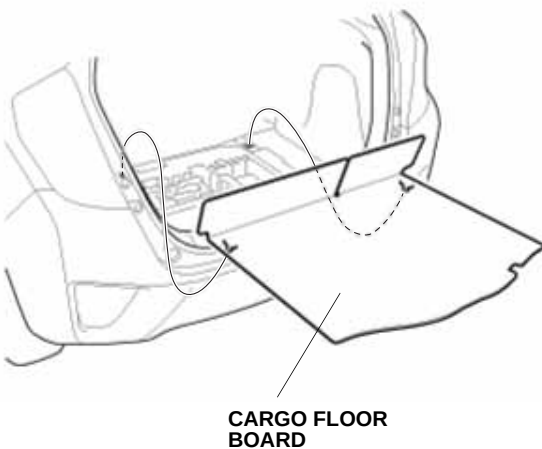
9. Install the new left front damper assembly.
NOTE: Do not fully tighten the bolts and nuts at this time.
- Install the upper part of damper into the tower, and loosely secure the damper mounting nut.
 - Install the lower part of damper into the knuckle, and loosely secure it with the new front damper pinch bolts and flange nuts.
 - Install the remaining parts in the reverse order of removal.
10. Repeat steps 2 through 9 on the other side.
11. Load the suspension with the vehicle weight, and torque as shown in step 38.
12. Repeat step 11 on the other side.

Installing the Rear Dampers

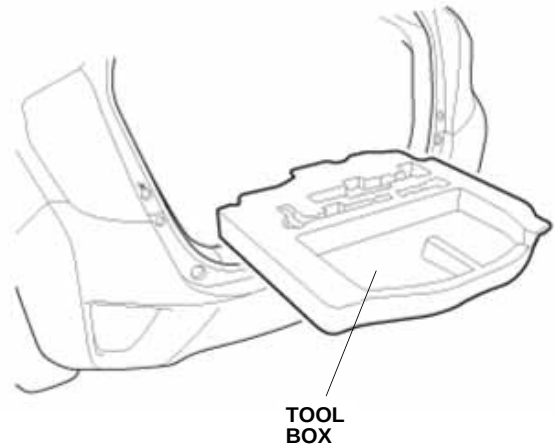
13. Remove the left rear door sill trim.



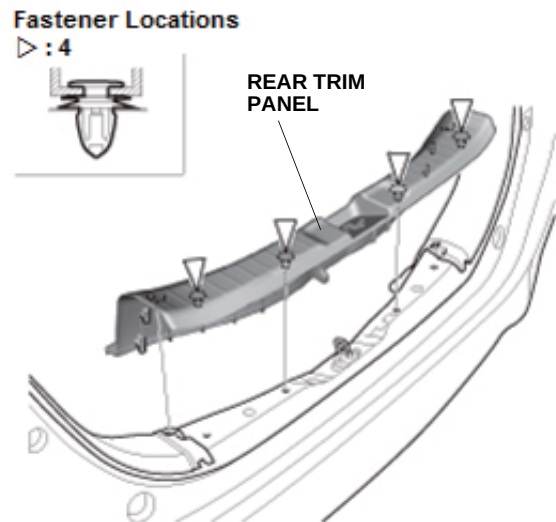
14. Repeat step 13 on the other side.
15. Remove the cargo floor board.



16. Remove the tool box.



17. Remove the rear trim panel.



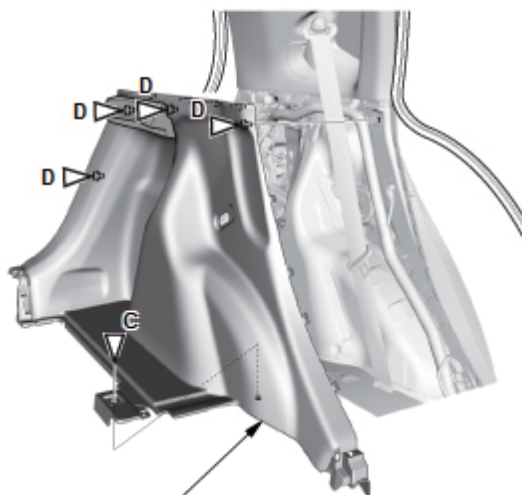
18. For some models: Remove the rear shelf.



REAR SHELF

19. Remove the left rear side trim panel.

Fastener Locations
C ▷ : 1 D ▷ : 4

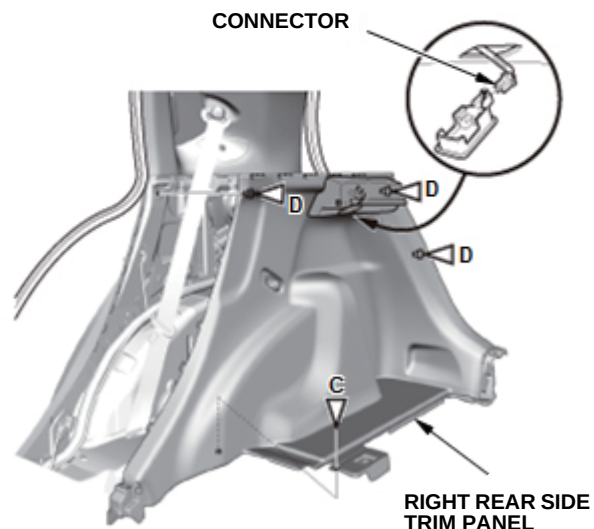
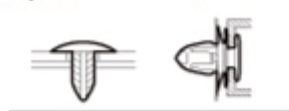


LEFT REAR SIDE
TRIM PANEL

20. For some models: Disconnect the connector.

Fastener Locations

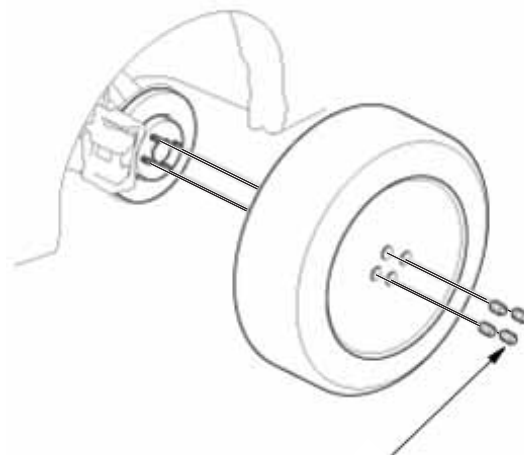
C ▷ : 1 D ▷ : 3



CONNECTOR

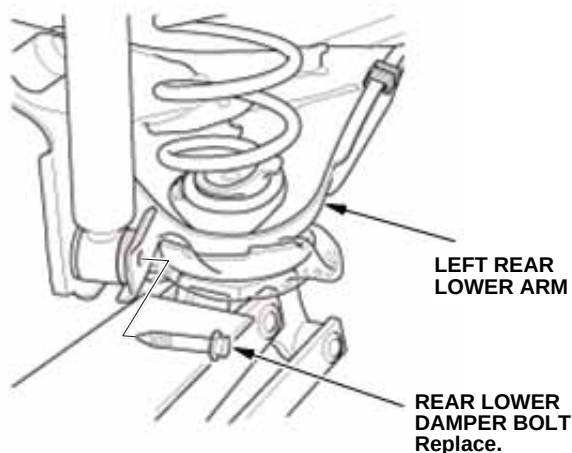
RIGHT REAR SIDE
TRIM PANEL

21. Remove the right rear side trim panel.
22. Remove the left rear wheel.

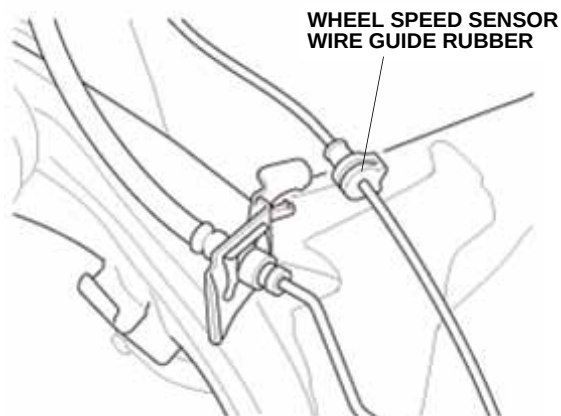


4 REAR WHEEL NUTS
(Reuse.)
(Torque to 80 lb-ft
(108 N·m).)

23. Position a floor jack under the left rear lower arm, and raise the floor jack until the suspension begins to compress. Then, remove the rear lower damper bolt.

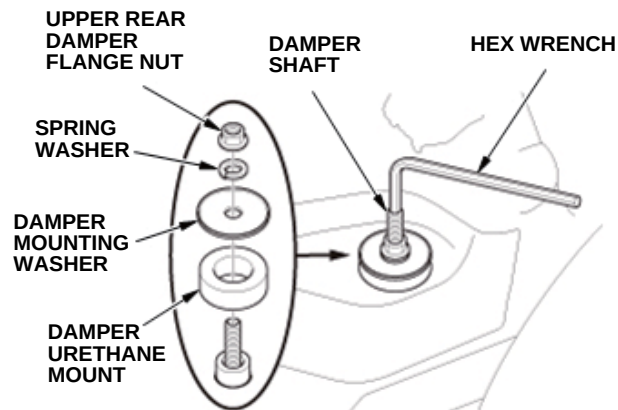


24. Remove the wheel speed sensor wire guide rubber.

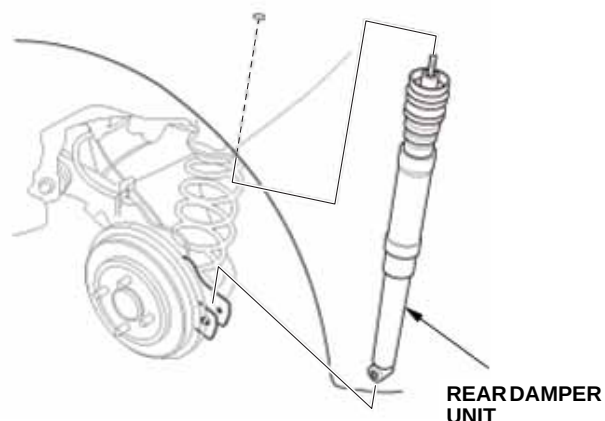


25. Remove the upper rear damper flange nut, spring washer, damper mounting washer, and damper urethane mount.

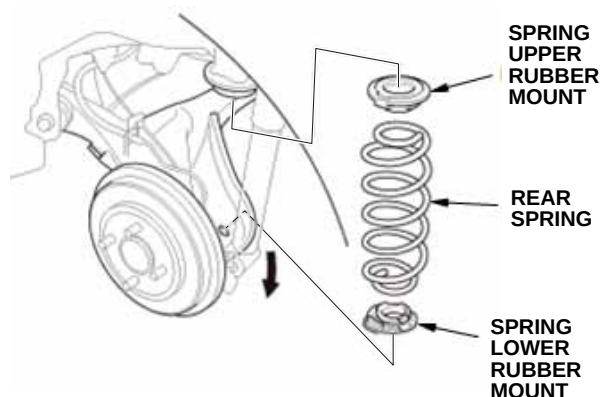
NOTE: Hold the damper shaft with a hex wrench, and loosen the left upper rear damper flange nut.



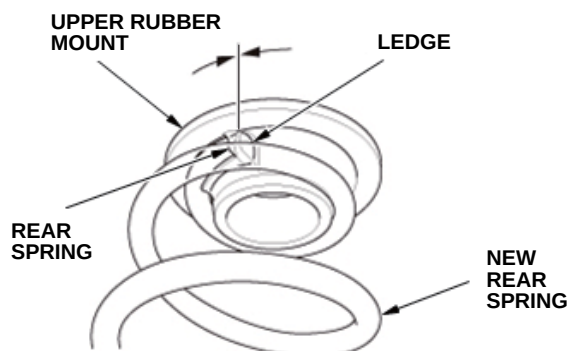
26. Remove the rear damper unit.



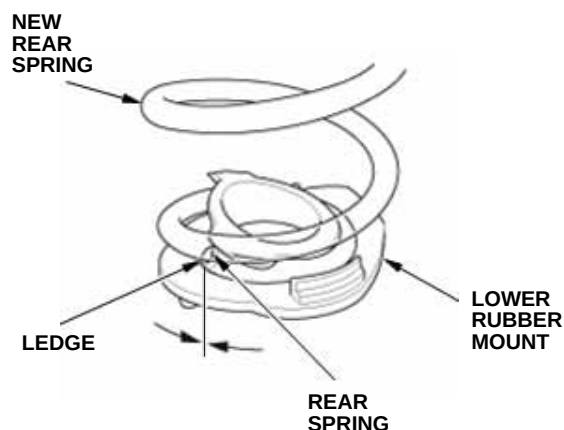
27. Gradually lower the floor jack, and remove the rear spring.



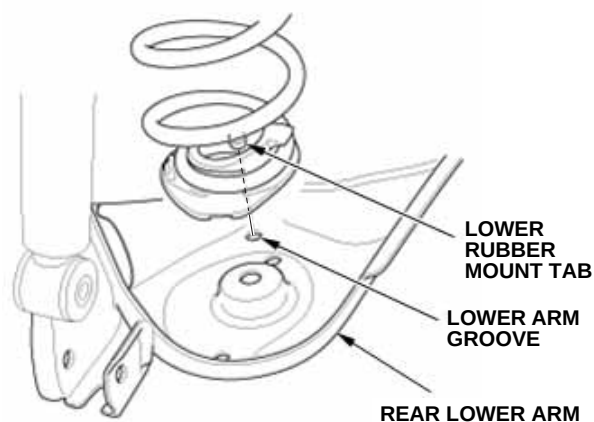
28. Remove the spring upper and lower rubber mounts.
29. Install the upper rubber mount on the rear spring, and line up the upper end of the rear spring with the ledge in the upper rubber mount.



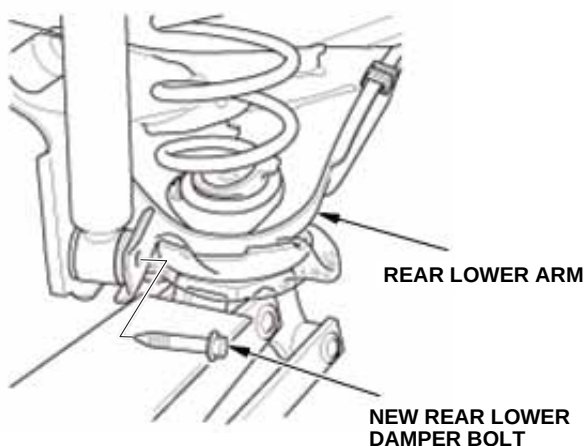
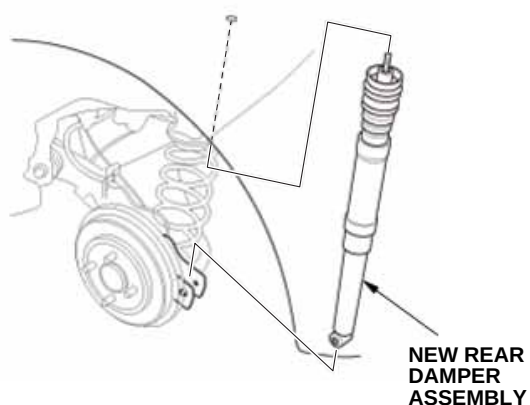
30. Install the lower rubber mount on the rear spring, and line up the lower end of the spring with the ledge in the lower rubber mount.



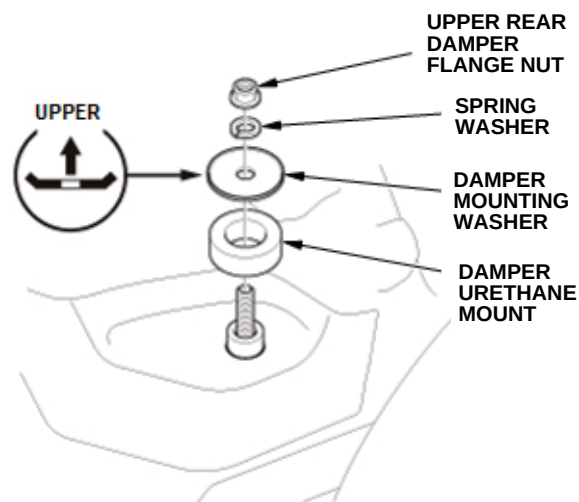
31. Install the lower rubber mount tab into the lower arm groove, and install the rear spring assembly.
NOTE: Make sure the lower rubber mount tab is properly installed on the rear lower arm.



32. Slowly raise the rear lower arm with the floor jack until the suspension begins to compress. Install the new rear damper assembly, and loosely secure the new rear lower damper bolt.



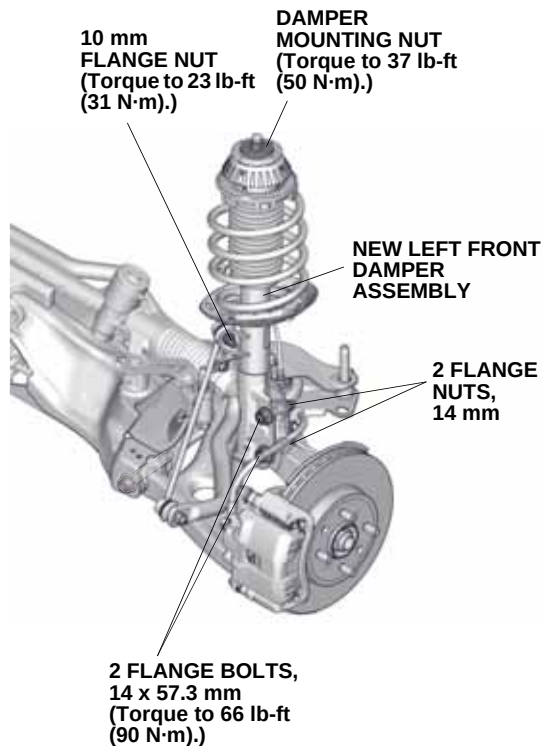
33. Loosely secure the upper rear damper flange nut, spring washer, damper mounting washer, and damper urethane mount.
NOTE: Hold the damper shaft with a hex wrench to tighten the damper flange nut.



34. Repeat steps 22 through 33 on the other side.
35. Load the suspension with the vehicle weight, and torque as shown in step 40.
36. Repeat step 35 on the other side.
37. Install the remaining parts in the reverse order of removal.

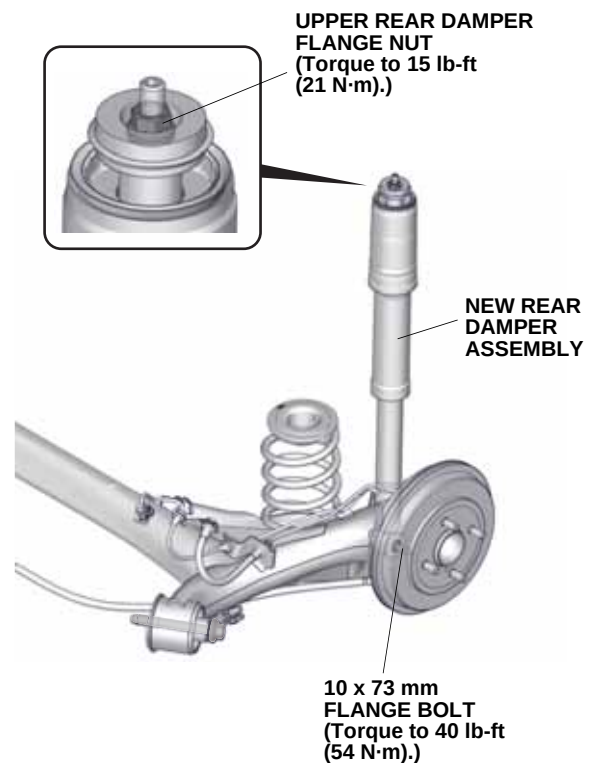
Tightening to the Specified Torque

38. With the bolts and nuts loosely tightened, raise the suspension to load it with the vehicle weight.



39. Tighten the bolts and nuts.
- If the bolts and nuts are tightened without application of the vehicle weight, the strain of the rubber bushings will not be relieved and it will cause uneven tire wear. Also, the vehicle may not be lowered to the specified vehicle height.

40. With the bolts and nuts loosely tightened, raise the suspension to load it with the vehicle weight.



41. Tighten the bolts and nuts.
- If the bolts and nuts are tightened without application of the vehicle weight, the strain of the rubber bushings will not be relieved and it will cause uneven tire wear. Also, the vehicle may not be lowered to the specified vehicle height.

42. Attach the Important Information page included in this kit to the owner's guide. To install this page to the owner's guide, refer to the to the Dealer label attached to the Important Information page. Make sure your customer is aware of this.
43. Check that all wire harnesses are routed properly and all connectors are plugged in.
44. Install all removed parts.
45. Connect the negative cable to the battery.
46. Press and hold the audio unit power button for 2 seconds to restore the audio and navi (if equipped) system functions.
47. Set the clock.
48. If necessary, restore the systems back to normal operation as described in the service information.

TOE ADJUSTMENT

	RIDE HEIGHT	CAMBER		TOE	
		(NEGATIVE)			
Front	-10 mm	0°06´	± 1°	0 mm	± 3 mm
Rear		1°31´48´´	± 1°	in 1.9 mm	+3.5 mm
					-2.5 mm

HEADLIGHT AIMING ADJUSTMENT

Adjust the headlight aim as described in the service information. Also, adjust the fog light aim (if equipped).

With Honda Sensing®

For vehicles equipped with Honda Sensing, adjust the multipurpose camera and aim the millimeter wave radar.