DAMPER REPLACEMENT

EXPLODED VIEW

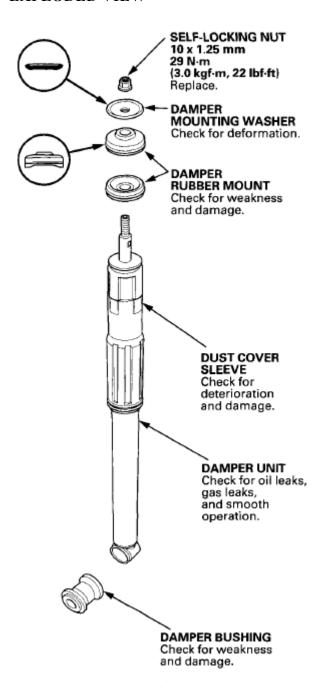


Fig. 10: Exploded View Of Damper With Torque Specifications Courtesy of AMERICAN HONDA MOTOR CO., INC.

REMOVAL

2012 Honda Insight

2012 SUSPENSION Rear Suspension - Insight

- 1. Raise and support the vehicle (see **LIFT AND SUPPORT POINTS**).
- 2. Remove the rear wheels.
- 3. Remove the wheel speed sensor clip (A) and the wire guide rubber (B) from both sides of the axle beam.

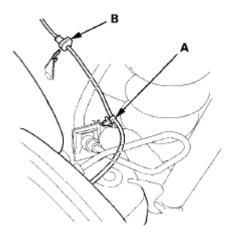


Fig. 11: Identifying Wheel Speed Sensor Clip And Wire Guide Rubber Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Position a floor jack under lower spring seat (A) on both sides of the axle beam (B). Raise the floor jack until the suspension begins to compress.

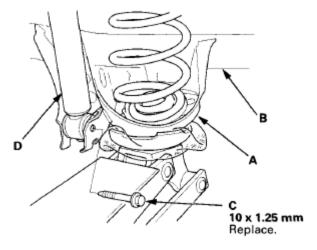


Fig. 12: Identifying Floor Jack Under Lower Spring Seat, Axle Beam, Damper Mounting Bolt And Damper
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 5. Remove the damper mounting bolt (C) that connects the axle beam and the damper (D) from both sides.
- 6. Remove the access panel (A) on the cargo area side trim.

Left side:

2012 Honda Insight

2012 SUSPENSION Rear Suspension - Insight

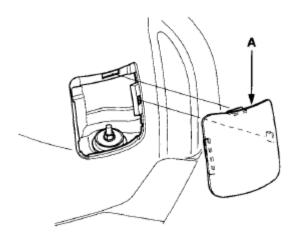


Fig. 13: Identifying Access Panel On Cargo Area Side Trim - Left Side Courtesy of AMERICAN HONDA MOTOR CO., INC.

Right side:

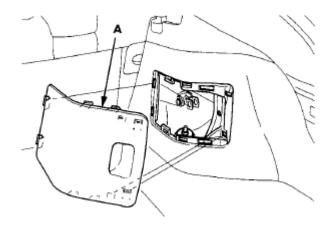


Fig. 14: Identifying Access Panel On Cargo Area Side Trim - Right Side Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Remove the self-locking nut (A) while holding the damper shaft (B) with a hex wrench (C).

2012 Honda Insight

2012 SUSPENSION Rear Suspension - Insight

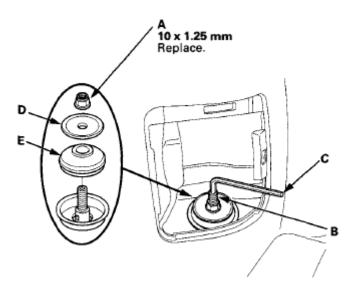


Fig. 15: Removing Self-Locking Nut While Holding Damper Shaft With Hex Wrench Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 8. Remove the damper mounting washer (D) and the damper rubber mount (E) from the top of the damper.
- 9. Compress the damper assembly (A) by hand, and remove it from the vehicle.

NOTE: Be careful not to damage the body.

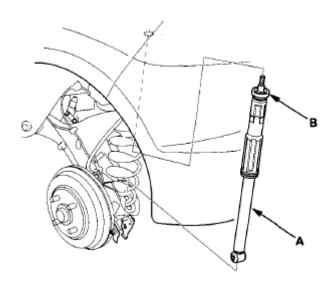


Fig. 16: Identifying Damper Assembly And Damper Rubber Mount Courtesy of AMERICAN HONDA MOTOR CO., INC.

10. Remove the damper rubber mount (B).

INSPECTION