

Intermediate Shaft Removal and Installation

Removal

1. Vehicle - Lift

1. [Raise and support the vehicle.](#)

2. Remove exhaust pipe A - Remove

1. [Remove exhaust pipe A.](#)

3. Right Front Wheel - Remove

1. [Remove the right front wheel.](#)

4. Transmission Fluid - Drain

1. [Drain the transmission fluid, then reinstall the drain plug with a new sealing washer.](#)

5. Right Front Lower Arm Ball Joint - Disconnect

1. [Disconnect the front lower arm ball joint from the front lower arm.](#)

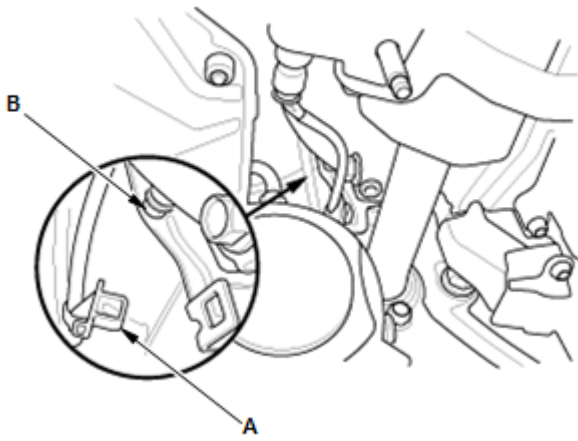
6. Right Front Inboard Joint - Disconnect

1. [Disconnect the right front inboard joint from the intermediate shaft.](#)

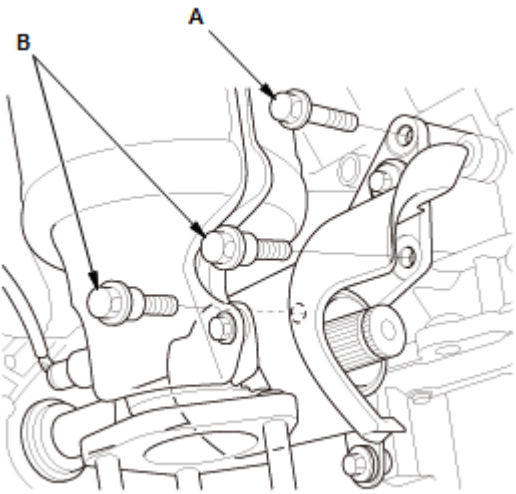
7. Intermediate Shaft - Remove

1. AWD: Remove the harness clip (A).

2. AWD: Loosen the sensor harness clamp bracket bolt (B).

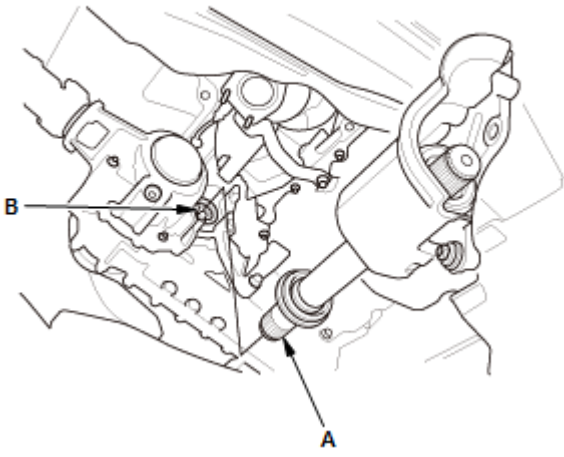


3. Remove the flange bolt (A) and the two dowel bolts (B).



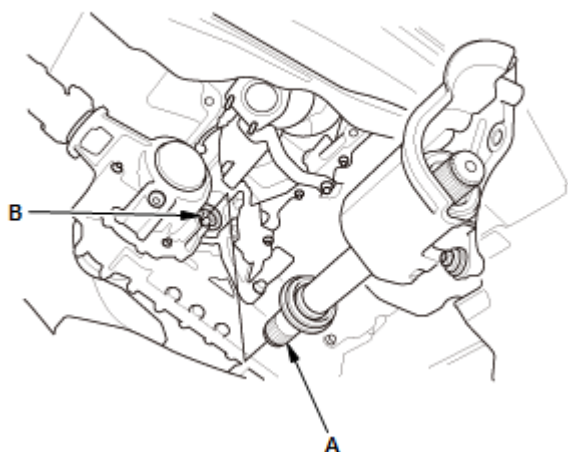
4. Remove the intermediate shaft (A).

NOTE: Hold the intermediate shaft horizontal until it is clear of the differential to prevent damaging the oil seal (B).



Installation

1. Intermediate Shaft - Install



1. Clean the areas where the intermediate shaft contacts the differential thoroughly with solvent.

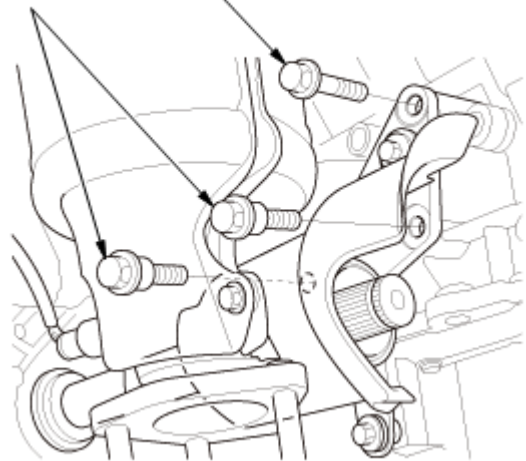
NOTE: Do not wash the rubber parts with solvent.

2. Dry the areas where the intermediate shaft contacts the differential thoroughly with compressed air.
3. Insert the intermediate shaft (A) into the differential correctly.

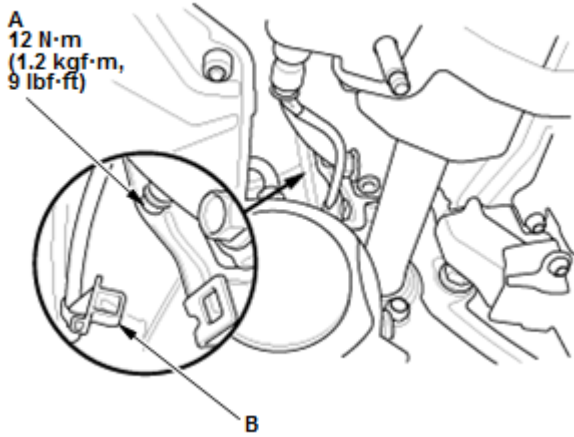
NOTE: Insert the intermediate shaft carefully to prevent damaging the oil seal (B).

B
39 N·m
(4.0 kgf·m, 29 lbf·ft)

A
39 N·m
(4.0 kgf·m, 29 lbf·ft)



4. Install the flange bolt (A) and the two dowel bolts (B).



5. AWD: Tighten the sensor harness clamp bracket bolt (A).

6. AWD: Install the harness clip (B).

2. Right Front Inboard Joint - Connect

1. [Connect the right front inboard joint to the intermediate shaft.](#)

3. Right Front Lower Arm Ball Joint - Connect

1. [Connect the front lower arm ball joint to the front lower arm.](#)

4. Right Front Wheel - Install

1. [Install the right front wheel.](#)

5. Intermediate Shaft - After Install Check

1. Turn the wheel by hand, and make sure there is no interference between the driveshaft and surrounding parts.

6. Remove exhaust pipe A - Install

1. [Install exhaust pipe A.](#)

7. Vehicle - Lift

1. Lower the vehicle.

8. Transmission Fluid - Refill

1. [Refill the transmission with the recommended transmission fluid.](#)

9. Maintenance Minder - Reset

1. After doing all procedures, [select the individual maintenance item you wish to reset with the HDS.](#)

10. Wheel Alignment - Check

1. [Check the wheel alignment, and adjust it if necessary.](#)

11. Test Drive - Check

1. Test-drive the vehicle.