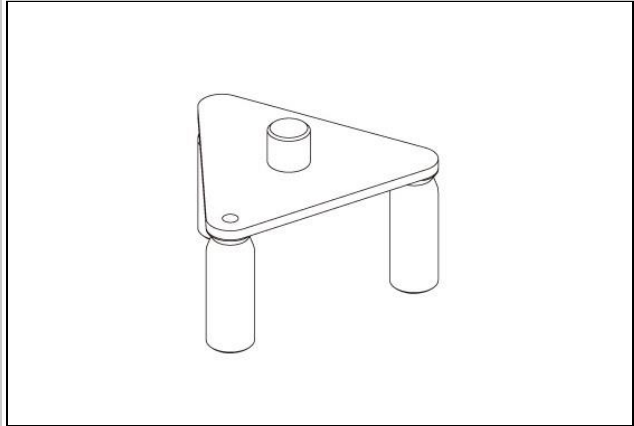
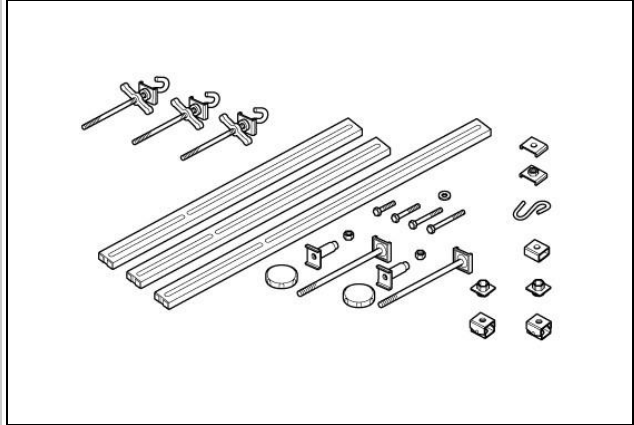
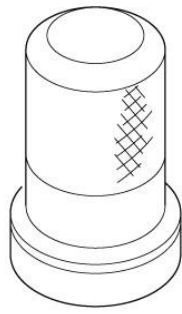


REMOVAL & INSTALLATION > ENGINE OIL PUMP REMOVAL AND INSTALLATION (2016-18)

*: Available through the Acura Tool and Equipment Program 888-424-6857.

Special Tools Required

Image	Description/Tool Number
 <p data-bbox="168 877 472 905">Courtesy of HONDA, U.S.A., INC.</p>	Engine Hanger Adapter Set VSB02C000037*
 <p data-bbox="168 1440 472 1467">Courtesy of HONDA, U.S.A., INC.</p>	Engine Support Hanger, A and Reds AAR-T1256*
	Oil Seal Driver, 64 mm 07OAD-RCAA100

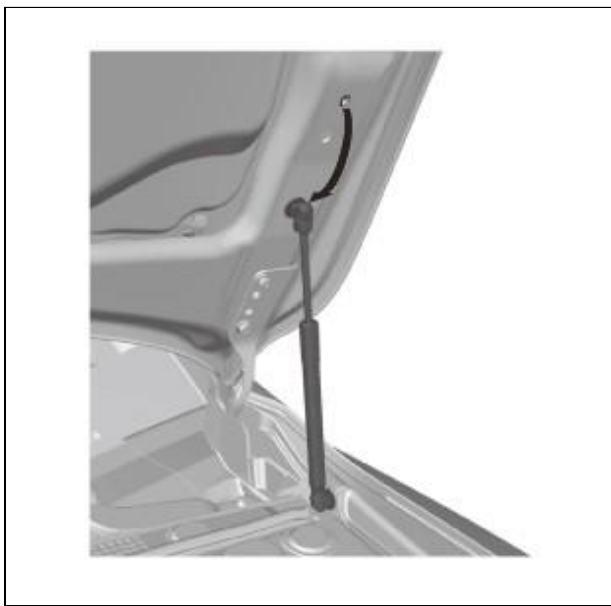


Courtesy of HONDA, U.S.A., INC.

*: Available through the Acura Tool and Equipment Program 888-424-6857.

REMOVAL & INSTALLATION > ENGINE OIL PUMP REMOVAL AND INSTALLATION (2016-18) > REMOVAL

1. Hood - Wide-Open



Courtesy of HONDA, U.S.A., INC.

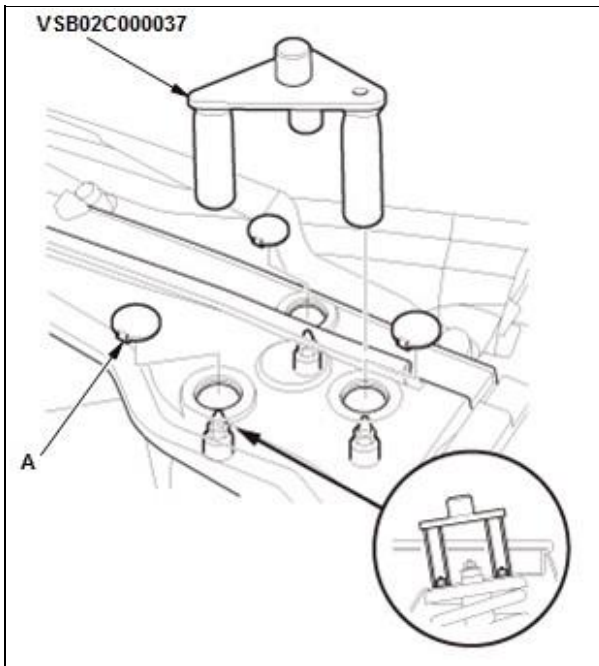
1. Disconnect the support struts from both sides of the pivot ball (bolted to the hood). Secure the hood in a vertical position. Install the left side pivot ball into the lower threaded hole. **NOTE:** Do not attempt to close the hood with the support strut in the vertical position, as it will damage the support strut and hood.

2. Engine Oil - Drain

3. Front Grille Cover - Remove

4. Horn Bracket - Remove

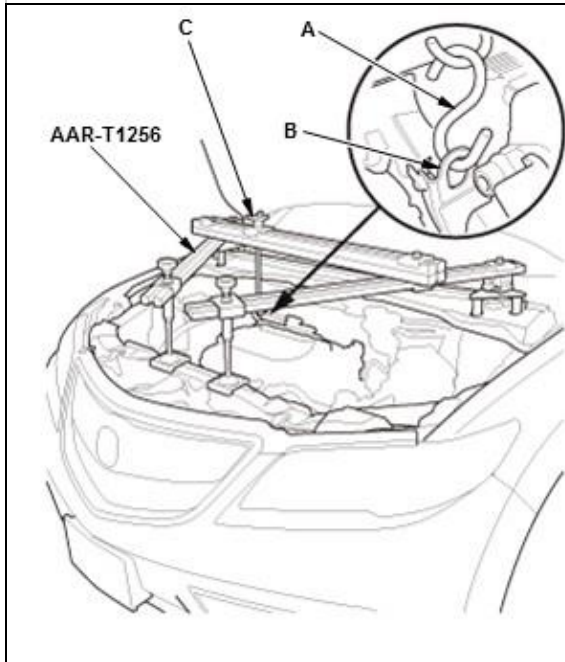
5. Engine Hanger Adapter Set - Install



1. Remove the service caps (A) 2. Install the engine hanger adapters (VSB02C000037) as shown.

Courtesy of HONDA, U.S.A., INC.

6. Engine Support Hanger - Install



Courtesy of HONDA, U.S.A., INC.

1. Install the engine support hanger (AAR-T1256) onto the vehicle as shown, and attach the hook (A) to the engine hook (B). Tighten the wing nut (C) by hand, and lift and support the engine/transmission.

NOTE:

1. Be careful when working around the windshield.
2. Be careful not to damage the hood opener cable when installing the engine support hanger at the front bulkhead.
3. AAR-T1256 two sets required for stacking additional cross section bar.

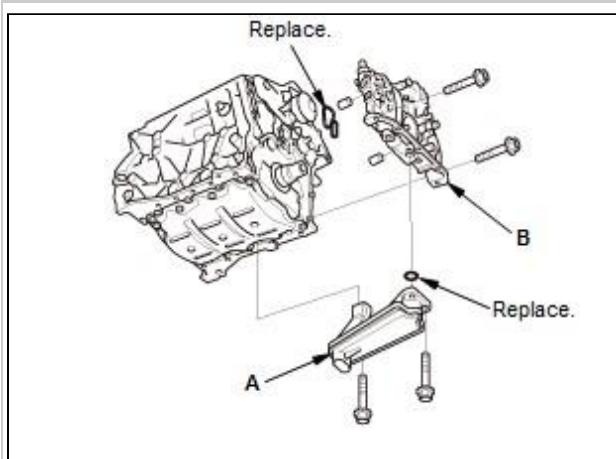
7. Timing Belt - Remove

8. Timing Belt Drive Pulley - Remove

9. Oil Filter Base/Oil Filter Assembly - Remove

10. Oil Pan - Remove

11. Oil Pump - Remove

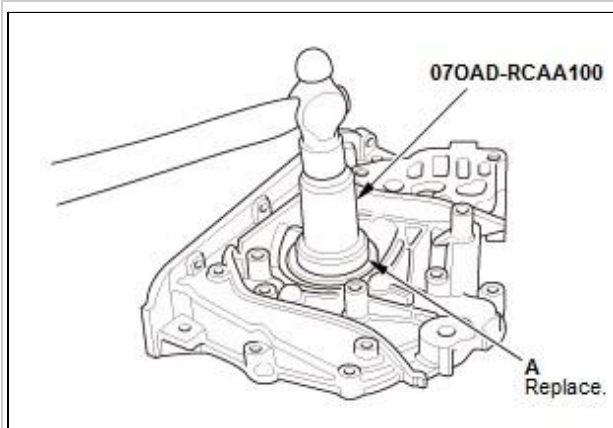


Courtesy of HONDA, U.S.A., INC.

1. Remove the oil strainer (A)
2. Remove the oil pump (B).

REMOVAL & INSTALLATION > ENGINE OIL PUMP REMOVAL AND INSTALLATION (2016-18) > INSTALLATION

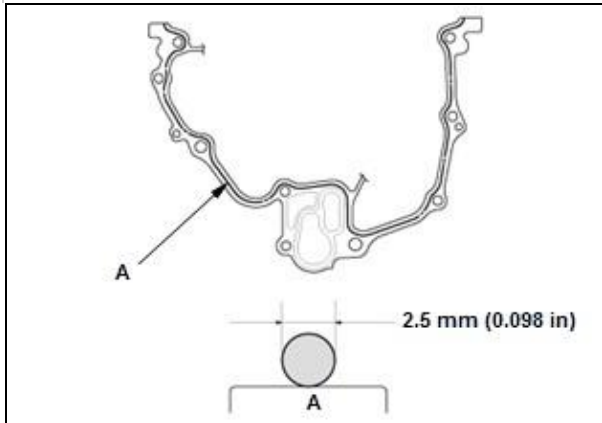
1. Crankshaft Oil Seal - Install



Courtesy of HONDA, U.S.A., INC.

1. Remove the old oil seal from the oil pump
2. Clean and dry the crankshaft oil seal housing
3. Using the oil seal driver, 64 mm, drive in the new crankshaft oil seal (A) until the oil seal driver bottoms on the pump
4. Remove all of the old liquid gasket from the oil pump mating surfaces, the bolts, and the bolt holes
5. Clean and dry the oil pump mating surfaces.

2. Oil Pump - Install



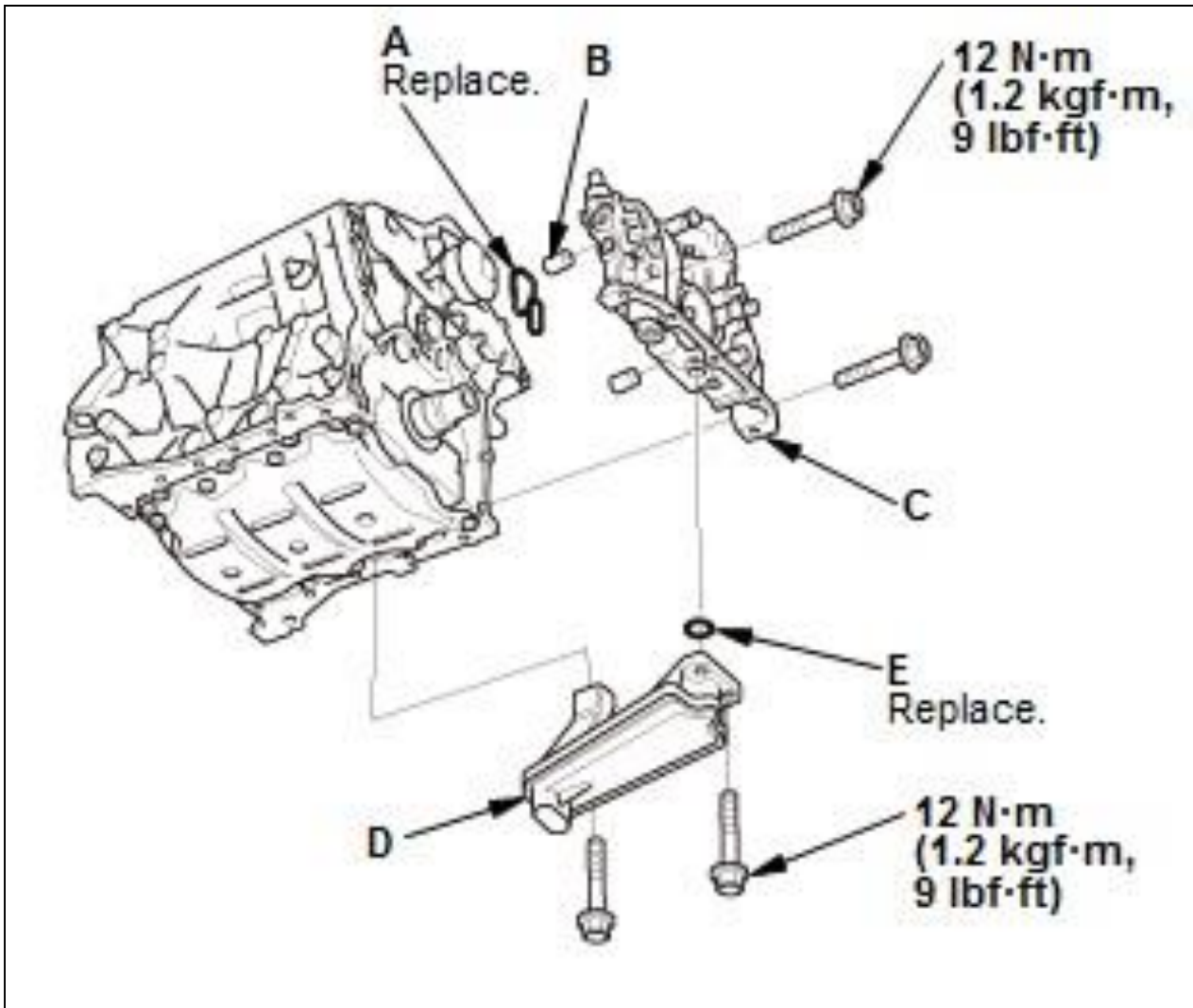
Courtesy of HONDA, U.S.A., INC.

1. Apply liquid gasket (P/N 08717-0004, 087180003, 08718-0004, or 08718-0009) to the engine block mating surface of the oil pump and to the inside edge of the threaded bolt holes. Install the component within 5 minutes of applying the liquid gasket.

NOTE:

1. Apply a 2.5 mm (0.098 in) diameter bead of liquid gasket along the broken line (A).
2. If you apply liquid gasket P/N 08718-0012, the component must be installed within 4 minutes.
3. If too much time has passed after applying the liquid gasket, remove the old liquid gasket and residue, then reapply the new liquid gasket.

Fig 1: Oil Pump And Strainer With Torque Specifications



Courtesy of HONDA, U.S.A., INC.

2. Apply a light coat of new engine oil to the lip of the crankshaft oil seal, and to the new O-ring (A)
3. Install the dowel pins (B), then align the inner rotor with the crankshaft, and install the oil pump (C).

NOTE:

1. Wait at least 30 minutes before filling the engine with oil.
2. Do not run the engine for at least 3 hours after installing the oil pump.

).

- | | |
|--|--|
| | <ol style="list-style-type: none">Clean the excess oil off the crank and check that the oil seal lip is not distorted.Install the oil strainer (D) with a ring (E). |
|--|--|

3. Oil Pan - Install

4. Oil Filter Base/Oil Filter Assembly - Install

5. Timing Belt Drive Pulley - Install

6. Engine Jack - Support

- | | |
|--|--|
| | <ol style="list-style-type: none">Support the engine with a jack and a wood block under the oil pan. |
|--|--|

7. Engine Support Hanger and Engine Hanger Adapter Set - Remove

- | | |
|--|---|
| | <ol style="list-style-type: none">Remove the engine support hanger and the engine hanger adapter set. |
|--|---|

8. Timing Belt - Install

9. Engine Oil - Refill

10. Horn Bracket - Install

11. Front Grille Cover - Install

12. Hood Support Strut Normal Position - Return