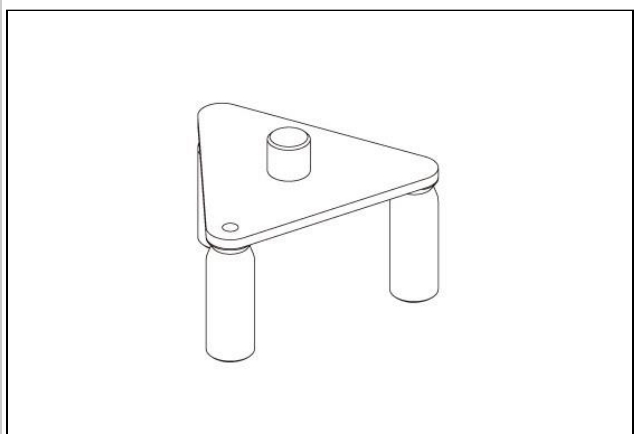
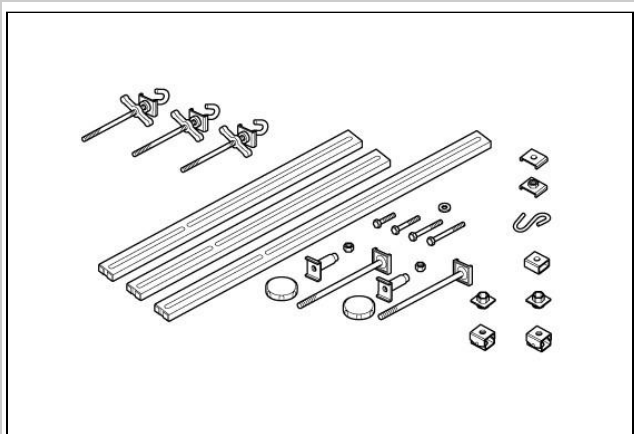
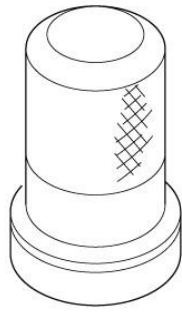


REMOVAL & INSTALLATION > ENGINE OIL PUMP REMOVAL AND INSTALLATION (2013-15)

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

Special Tools Required

Image	Description/Tool Number
 <p data-bbox="168 842 472 869">Courtesy of HONDA, U.S.A., INC.</p>	Engine Hanger Adapter Set VSB02C000037*
 <p data-bbox="168 1409 472 1436">Courtesy of HONDA, U.S.A., INC.</p>	Engine Support Hanger, A and Reds AAR-T1256*
	Oil Seal Driver, 64 mm 07OAD-RCAA100

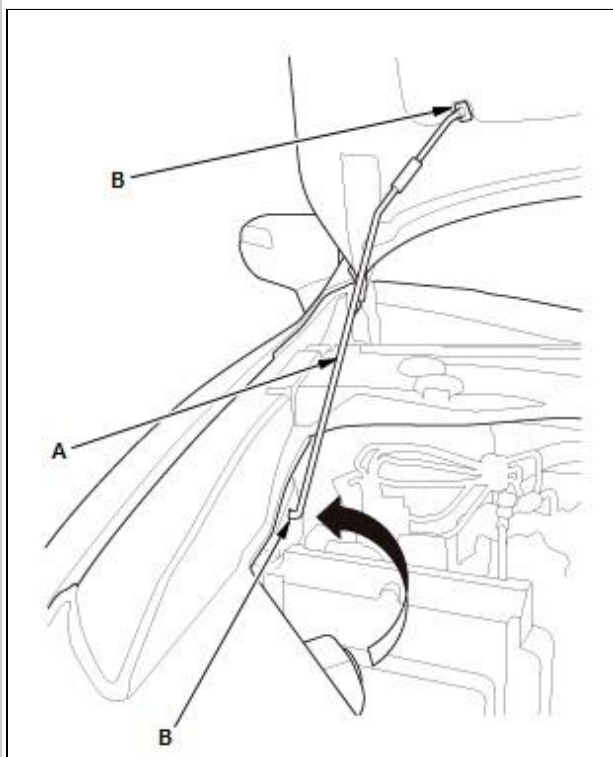


Courtesy of HONDA, U.S.A., INC.

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

REMOVAL & INSTALLATION > ENGINE OIL PUMP REMOVAL AND INSTALLATION (2013-15) > REMOVAL

1. Hood - Wide-Open



1. Open the hood, remove and relocate the hood support rod (A) to the wide-open positions (B) and secure the hood.

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

- 2. Vehicle - Lift
- 3. Engine Oil - Drain

1. Drain the engine oil .

4. Front Grille Cover - Remove

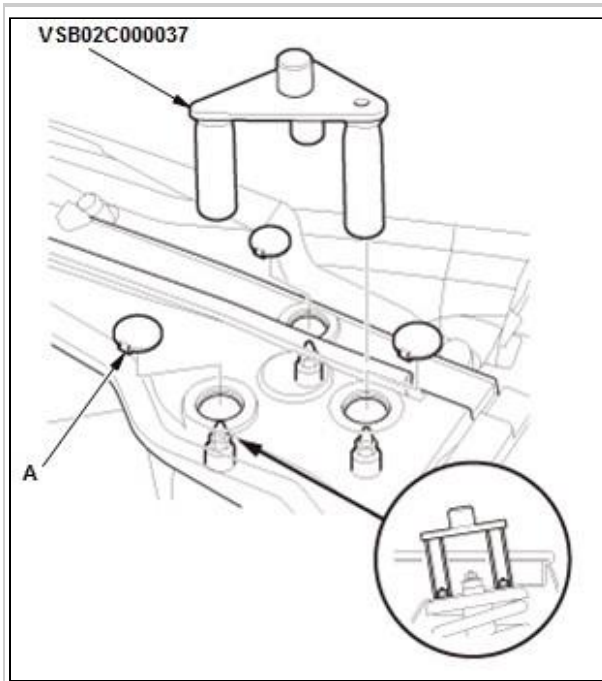
1. Remove the front grille cover .

5. Horn Bracket - Remove

1. Remove the horn bracket .

1. Raise and support the vehicle .

6. Engine Hanger Adapter Set - Install



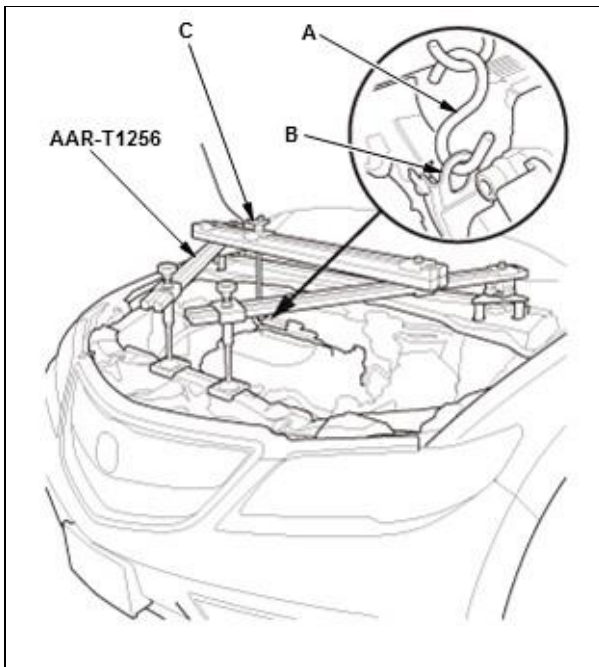
Courtesy of HONDA, U.S.A., INC.

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

7. Engine Support Hanger - Install

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.

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.



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

8. Timing Belt - Remove

--	--

1. Remove the timing belt .

9. Timing Belt Drive Pulley - Remove

--	--

1. Remove the timing belt drive pulley .

10. Oil Filter Base/Oil Filter Assembly - Remove

--	--

1. Remove the oil filter base/oil filter assembly .

11. Oil Pan - Remove

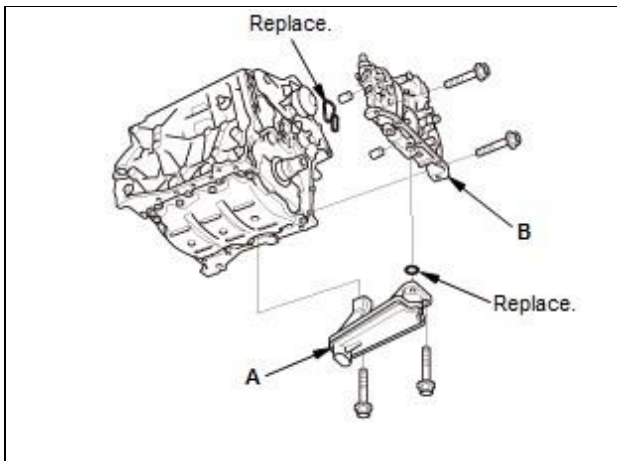
--	--

1. Remove the oil pan .

12. Oil Pump - Remove

--	--

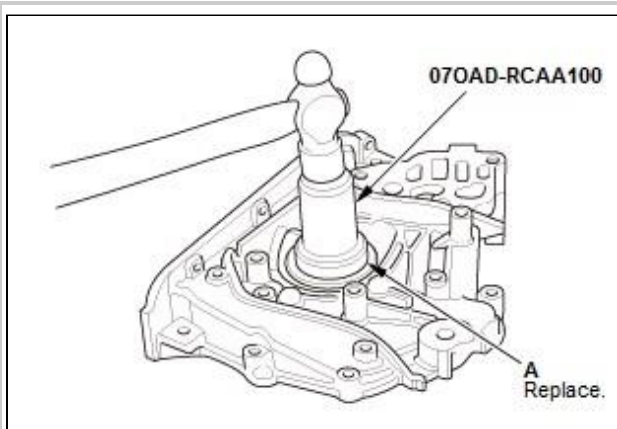
1. Remove the oil strainer (A)
2. Remove the oil pump (B).



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

REMOVAL & INSTALLATION > ENGINE OIL PUMP REMOVAL AND INSTALLATION (2013-15) > 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.

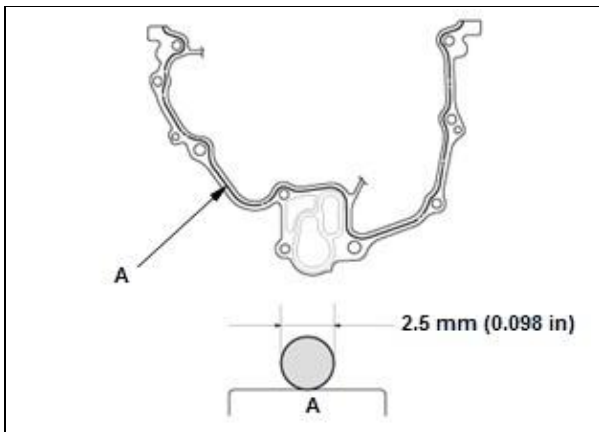
2. Oil Pump - Install

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

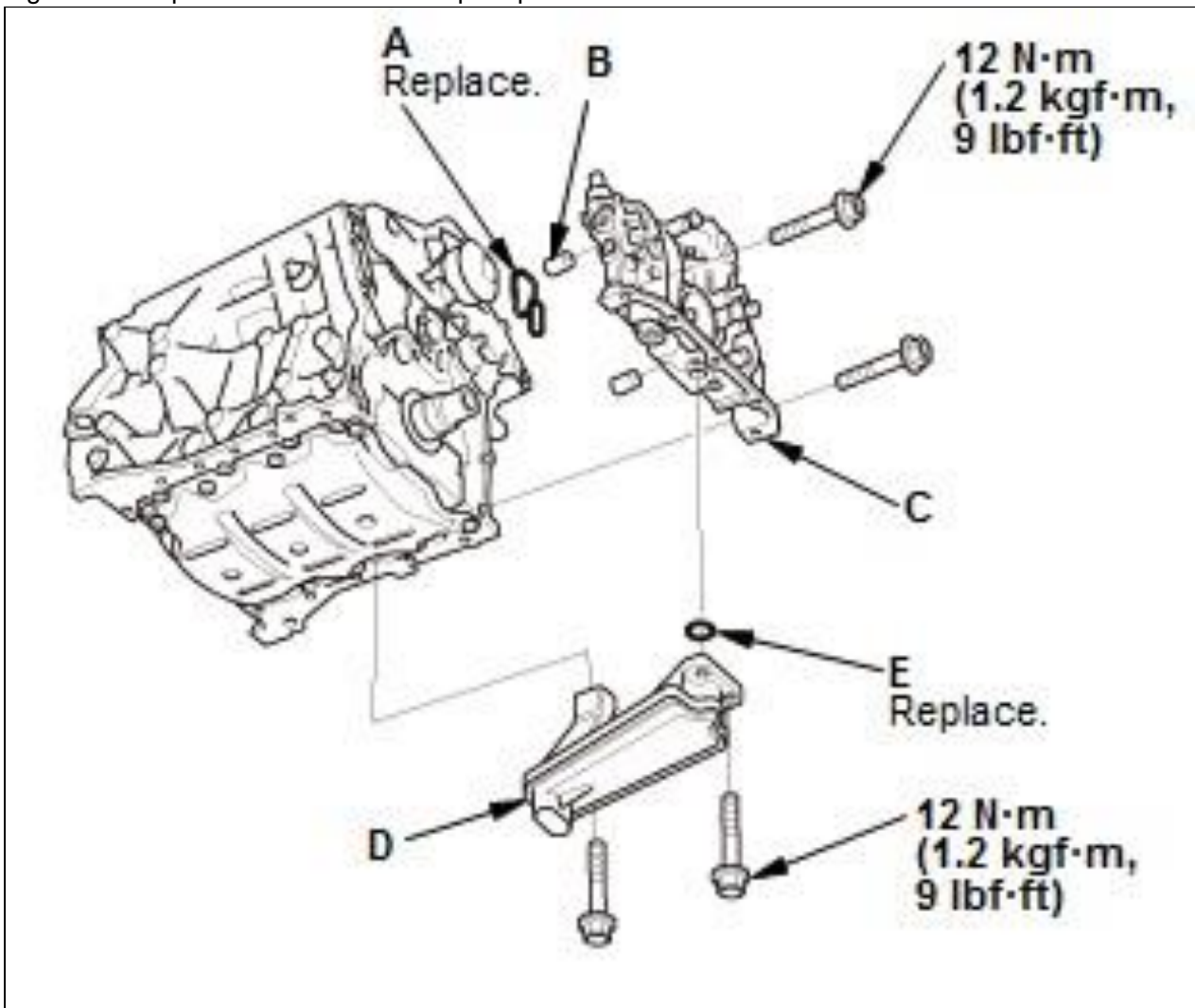
f q



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

- 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.

4. Clean the excess oil off the crank and check that the oil seal lip is not distorted.
5. Install the oil strainer (D) with a ring (E).

3. Oil Pan - Install

1. Install the oil pan .

4. Oil Filter Base/Oil Filter Assembly - Install

1. Install the oil filter base/oil filter assembly with a new O-ring .

5. Timing Belt Drive Pulley - Install

1. Install the timing belt drive pulley .

6. Engine Jack - Support

	1. Support the engine with a jack and a wood block under the oil pan.
--	---

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

	1. Remove the engine support hanger and the engine hanger adapter set.
--	--

8. Timing Belt - Install

	1. Install the timing belt .
--	------------------------------

9. Engine Oil - Refill

	1. Refill the engine with engine oil .
--	--

10. Horn Bracket - Install

11. Front Grille Cover - Install

	1. Install the front grille cover .
--	-------------------------------------

12. Hood Support Rod Normal Position - Return

	1. Return the hood support rod to its normal position.
--	--

	1. Install the horn bracket .
--	-------------------------------