INSTRUCTIONS

J05425 2015-08-10

DYNA OIL COOLER

GENERAL

Kit Number

62700017A

Models

For model fitment information, see the P&A retail catalog or the Parts and Accessories section of www.harley-davidson.com (English only).

⚠ WARNING

Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333b)

Installation Requirements

High Performance Sealant, Gray (Part No. 99650-02).

Kit Contents

See Figure 4 and Table 1.

INSTALLATION

Install Oil Cooler Cover

NOTE

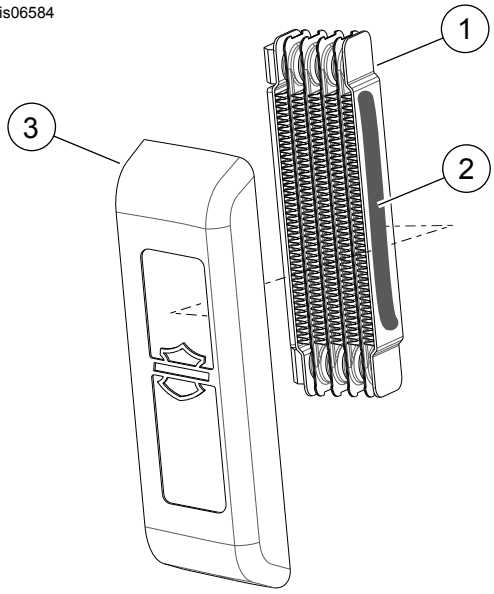
Rotate clutch cable clamp toward front of motorcycle if necessary to make room for oil cooler core.

1. Clean the oil cooler surface and cover with isopropyl alcohol. Allow to dry completely.

NOTE

- *Avoid getting sealant on the oil cooler cooling fins.*
- *Do not install for 24 hours to allow the sealant to cure fully.*

2. See Figure 1. Apply a thick bead of High Performance Sealant-Gray to the left side flat surface of the oil cooler. Install the oil cooler cover by pressing it into the sealant.



1. **Oil cooler**
2. **Sealant**
3. **Oil cooler cover**

Figure 1. Attaching Cover to Oil Cooler

Install Oil Cooler

1. See Figure 2. Get two clamps (2), two socket head screws (3), four washers (4) and two nuts (5) from the kit. Install the oil cooler (1) to the left side downtube. Align the clamps flat side outward. Position upper bracket no more than 31.8 mm (1.25 in) from bottom of engine mount bracket (7). Tighten screws to 10.2–13.5 N·m (96–120 **in-lbs**).

2. Remove the oil filter and oil filter adapter. Clean the oil filter area thoroughly. Discard filter and oil filter adapter.

3. See Figure 3. Install oil cooler adapter (2) with gasket (1) and oil filter adapter (3). Tighten oil filter adapter to 16.3–21.7 N·m (12–16 ft-lbs).

4. See Figure 4. Install upper hose (3) to barb of oil cooler. Tighten with hose clamp (7) to 0.9 N·m (8 **in-lbs**).

5. Install lower hose (2) to lower barb of oil cooler. Tighten with hose clamp (7) to 0.9 N·m (8 **in-lbs**)

6. Install hoses from oil cooler to oil cooler adapter. Tighten hose clamps to 0.9 N·m (8 **in-lbs**).

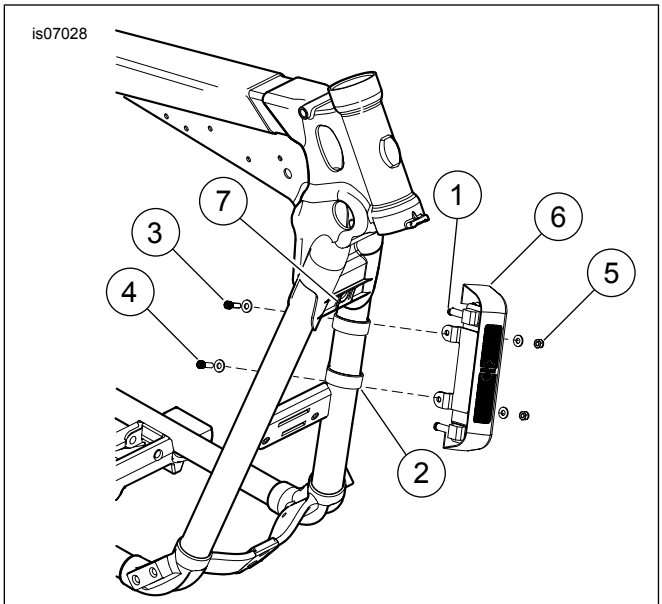
7. Verify that shift lever does not contact cooler core or hoses:

   a. Engage clutch.

b. Move shifter forward.

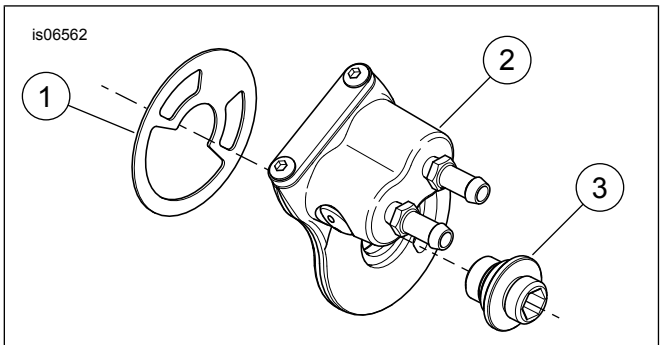
c. If contact is made, reposition hoses and/or cooler core until there is no contact.

8. Check to make sure that the hose routing is clear of the oil filter, any sharp edges and has proper clearance to engine. The hoses must be free of bends or kinks that could obstruct oil flow.



1. **Oil cooler**
2. **Clamp (2)**
3. **Screw (2)**
4. **Washer (4)**
5. **Nut (2)**
6. **Oil cooler cover**
7. **Engine mount bracket**

Figure 2. Mounting the Oil Cooler Assembly



1. **Gasket**
2. **Oil cooler adapter assembly**
3. **Oil filter adapter**

Figure 3. Install Oil Cooler Adapter Assembly

System Flow Test

NOTICE

Oil level cannot be accurately measured on a cold engine. For pre-ride inspection, with motorcycle leaning on jiffy stand on level ground, oil should register on dipstick between arrows when engine is cold. Do not add oil to bring the level to the FULL mark on a COLD engine. (00185a)

NOTICE

Do not operate the engine when the oil level is below the add mark on the dipstick at operating temperature. Engine damage will result. (00187b)

1. Apply motor oil to the ring of a new oil filter. Install filter.

NOTE

Add only enough oil to bring the level between the two arrows.

2. Start engine. Examine all hose connections for leaks. If there is no leakage, allow engine to warm up.

NOTE

Position the clamps to avoid interference with oil filter installation. Check that hose routing is clear of the oil filter and sharp edges. The hoses must be free of bends or kinks that could obstruct oil flow.

3. Verify that temperature of oil cooler increases when engine reaches normal operating temperatures. If the oil cooler remains cool after engine has warmed up, check for an oil obstruction. Turn off engine. Allow engine to cool. Check system for source of obstruction.

4. Verify that all hose clamps are tightened to 0.9 N·m (8 **in-lbs**).

5. Fill oil to FILL level on dipstick.

SERVICE PARTS

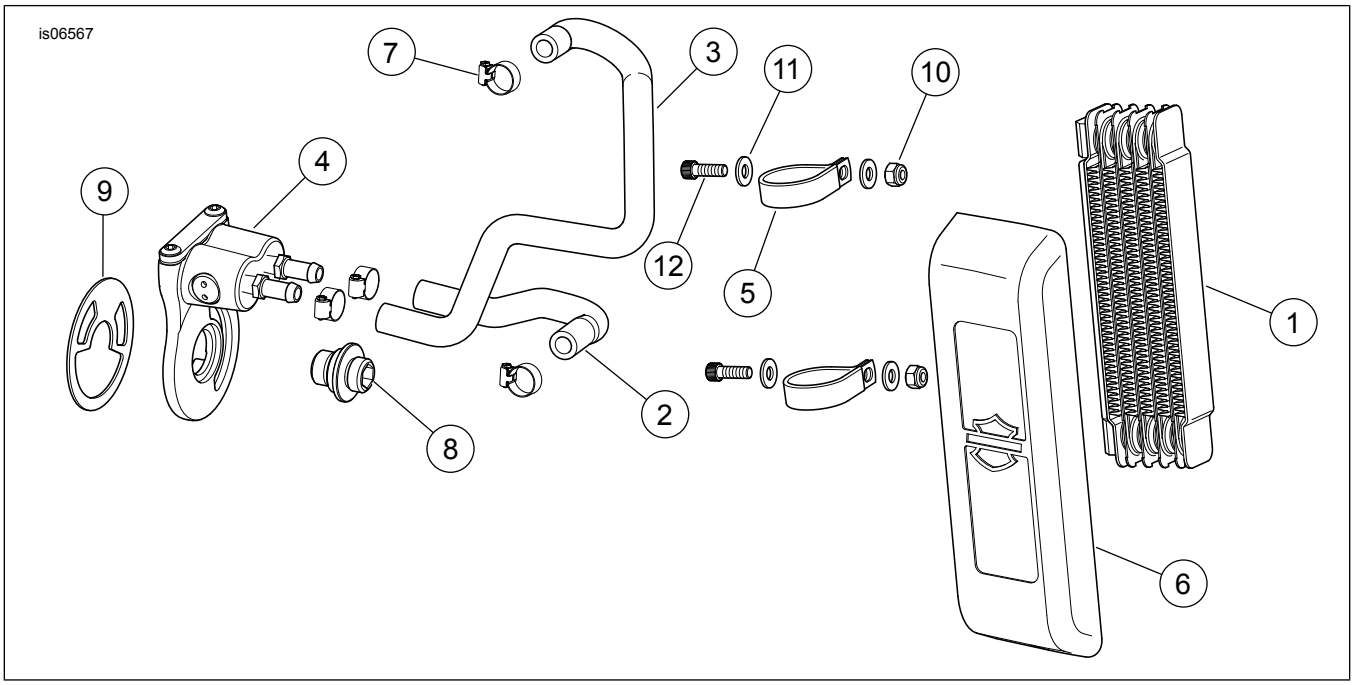


Figure 4. Service Parts: Dyna Oil Cooler

Table 1. Service Parts

Item	Description (Quantity)	Part Number
1	Oil cooler assembly	26158-11
2	Oil cooler left hose	62700018
3	Oil cooler right hose	62700019
4	Oil cooler adapter	26198-09
5	Clamp (2)	69336-03
6	Oil cooler cover	63104-11
7	Worm drive clamp, black, #4 (4)	9823
8	Oil filter adapter	26041-05A
9	Oil cooler adapter gasket	26115-05
10	Lock nut, nylon insert (2)	94026-92T
11	Flat washer, chrome (4)	94065-90T
12	Socket head cap screw (2)	94312-91T