



INSTRUCTIONS

-J06354

2016-08-22

OIL COOLER FAN COOLED

GENERAL

Kit Number

62700204

Models

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

NOTE

Functionality of this kit will require a **verification** that oil cooler fan control has been set to "ENABLED" in the vehicle's electronic control module (ECM). This verification can **ONLY** be performed by a factory-trained technician at a Harley-Davidson dealer, using the most recent version of the DIGITAL TECHNICIAN II computer-based diagnostic software package.

▲ WARNING

The rider's safety depends 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. (00333a)

NOTE

This instruction sheet references service manual information. A service manual for your model motorcycle is required for this installation. One is available from a Harley-Davidson dealer.

Kit Contents

See Table 1.

INSTALLATION

Remove Oil Cooler Cover

1. Cover the front fender to protect finish.
2. Remove oil cooler cover.
 - a. Pull forward at bottom to free posts from grommets.
 - b. Rotate up and lift off upper retainer.
3. Place a drain pan under oil cooler.

Remove Oil Cooler

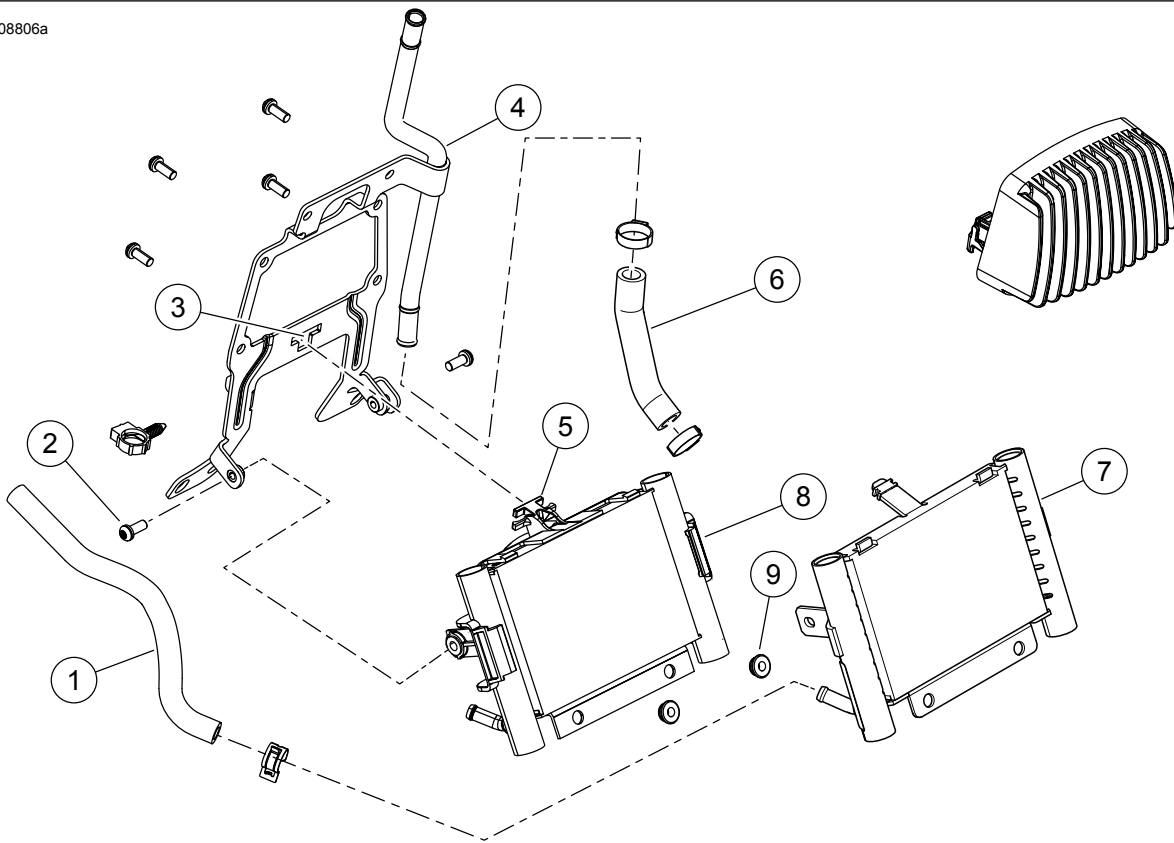
1. See Figure 1. Disconnect hoses (1, 6) from the oil cooler (7).

2. Remove screws (2).
3. Slide oil cooler assembly up to disengage retainer (5) from slot (3). Remove the oil cooler.
4. Remove protective cap from electrical connector for fan on vehicle.
5. Remove exhaust system to access clamp on oil cooler inlet hose (1). See service manual.
6. Remove oil cooler inlet hose (1) from engine.
7. Remove oil cooler outlet hose (6) from downtube.

Installation

1. See Table 1. Install new grommets (3) in fan assembly (4) with larger part of grommet facing front of vehicle.
2. Install oil cooler inlet hose (2) with new clamp (1) to engine. Do not completely tighten clamp at this time, leave loose.
3. Install oil cooler outlet hose (5) on downtube with new clamp (6). Do not completely tighten clamp at this time, leave loose.
4. See Figure 1. Install oil cooler assembly (8). Slide oil cooler assembly down to engage retainer (5) in slot (3).
5. Apply LOCTITE 243 MEDIUM STRENGTH THREADLOCKER AND SEALANT (BLUE) to screws (2). Install screws and tighten to 10.8–13.6 N·m (96–120 in-lbs)
6. See Table 1. Connect hoses to oil cooler using new clamps (1) and (6). Adjust hoses as needed.
7. Position all clamps 3.8 mm (0 in) from end of hose. Tighten to 0.9 N·m (8 in-lbs) .
8. Install exhaust system. See service manual.
9. Using DIGITAL TECHNICIAN II (PART NUMBER: hd-48650) verify the oil cooler fan has been set to "ENABLED".





- 1. Inlet hose, engine to oil cooler
- 2. Screw (2)
- 3. Slot
- 4. Downtube
- 5. Retainer

- 6. Outlet hose, oil cooler to downtube
- 7. Oil cooler, non-fan cooled
- 8. Oil cooler, with fan
- 9. Grommet (2)

Figure 1. Oil Cooling Components

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)

b. Rotate down and back to engage posts to grommets.

- 2. Check engine oil level. See service manual for check oil procedure.
- 3. Refer to DIGITAL TECHNICIAN or the electrical diagnostic manual to verify the fan control function on the vehicle ECM.

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.

Complete

- 1. Install oil cooler cover.
 - a. Engage upper retainer.

SERVICE PARTS

999547

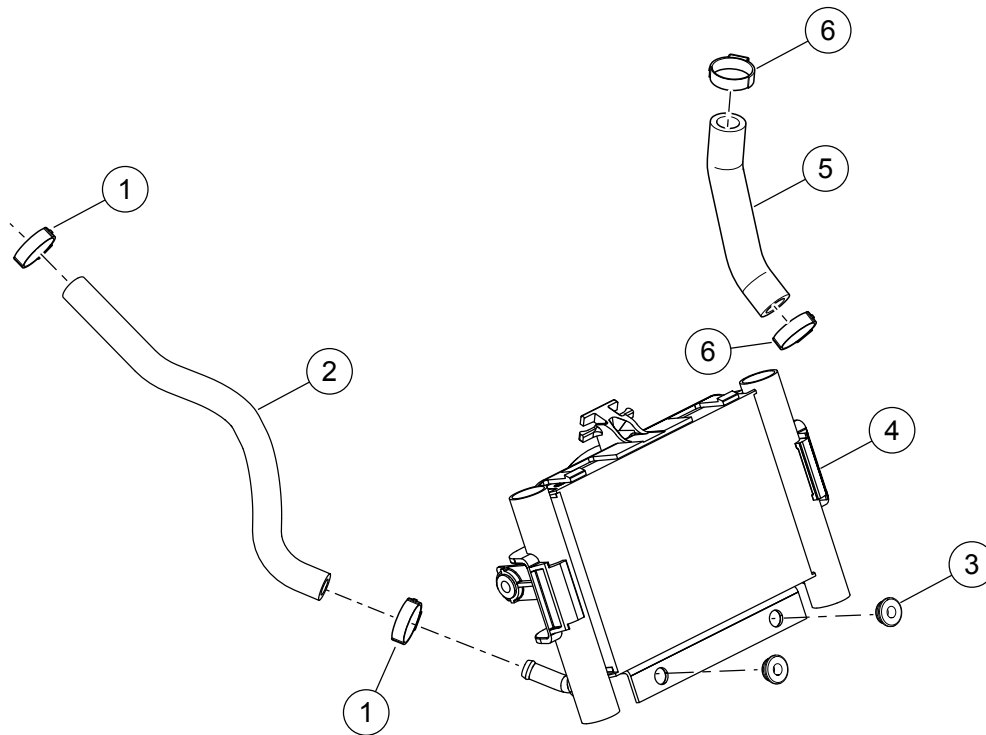


Figure 2. Service Parts: Oil Cooler

Table 1. Service Parts

| Item | Description (Quantity) | Part Number |
|------|-------------------------------------|---------------------|
| 1 | #4 Worm drive clamp, inlet hose | 9946 |
| 2 | Inlet hose, engine to oil cooler | 62700143 |
| 3 | Grommet (2) | 11692 |
| 4 | Oil cooler with fan assembly | Not sold separately |
| | Fan | 26800095 |
| | Oil cooler | 62700133 |
| 5 | Outlet hose, oil cooler to downtube | 62700144 |
| 6 | #8 Worm drive clamp, outlet hose | 9969 |