

OIL COOLER

3.9

REMOVAL

1. Cover the front fender to protect finish.
2. Place a container under the motorcycle to catch excess oil.

NOTE

Dispose of oil in accordance with local regulations.

3. See [Figure 3-11](#). Pull out on the bottom of the oil cooler cover (4) to disengage the lower retaining pins, then pull up and remove cover from oil cooler.
4. Remove screws (1) securing the oil cooler (3) to the frame.
5. Slide clamps (5) down the oil hoses (6, 7). Disconnect hoses from the oil cooler adapter (8).
6. Remove the oil cooler.
7. Inspect oil cooler for dirt, debris and damage.
8. To remove hoses from the oil cooler, cut clamps (2) using side cutters.

INSTALLATION

PART NUMBER	TOOL NAME
HD-97087-65B	HOSE CLAMP PLIERS

FASTENER	TORQUE VALUE	
Oil cooler mounting screws	20-22 ft-lbs	27.1-29.8 Nm

1. See [Figure 3-11](#). If replacing the hoses, place new hose clamps (2) on the oil cooler end of the hoses.
2. Push the hoses onto the oil cooler fittings.
3. Align the hoses and tighten the hose clamps using HOSE CLAMP PLIERS (Part No. HD-97087-65B).
4. Secure cooler to frame with screws (1). Tighten to 20-22 ft-lbs (27.1-29.8 Nm).
5. Place clamps (5) on hoses. Install the hoses into the fittings of the oil cooler adapter. Secure clamps on hoses.

6. Check the condition of grommets (11) and replace as necessary. Install cover (4), upper latches first, then push down and back to engage lower pins into grommets.
7. Check oil level and add oil as required.
8. After running engine, inspect oil cooler hose fittings for leaks.

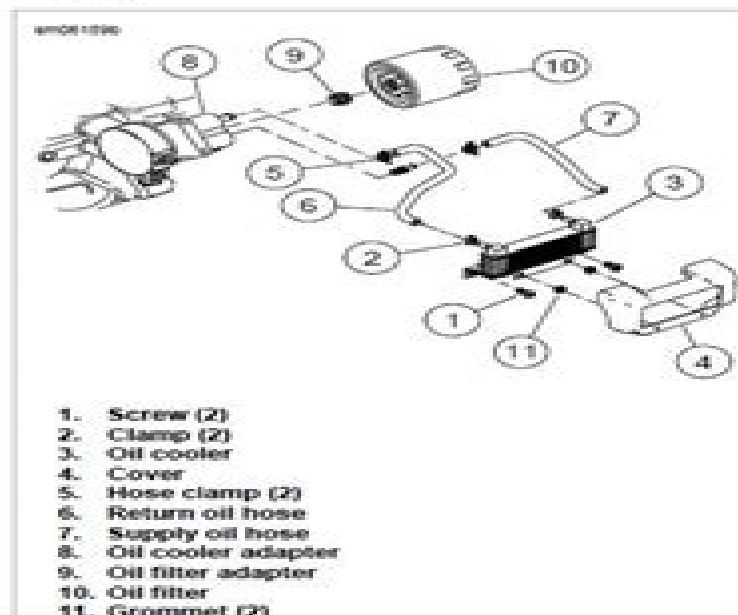


Figure 3-11. Oil Cooler

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David Kirk



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