3.9

REMOVAL

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

ALC: THE

Dispose of oil in accordance with local regulations.

- See <u>Figure 3-11</u>. 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.
- Remove screws (1) securing the oil cooler (3) to the frame.
- Slide clamps (5) down the oil hoses (6, 7). Disconnect hoses from the oil cooler adapter (8).
- Remove the oil cooler.
- Inspect oil cooler for dirt, debris and damage.
- 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	

- See Figure 3-11. If replacing the hoses, place new hose clamps (2) on the oil cooler end of the hoses.
- Push the hoses onto the oil cooler fittings.
- Align the hoses and tighten the hose clamps using HOSE CLAMP PLIERS (Part No. HD-97087-658).
- Secure cooler to frame with screws (1). Tighten to 20-22 ft-lbs (27, 1-29.8 Nm).
- Place clamps (5) on hoses. Install the hoses into the fittings of the oil cooler adapter. Secure clamps on hoses.

- 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.
- Check oil level and add oil as required.
- After running engine, inspect oil cooler hose fittings for leaks.

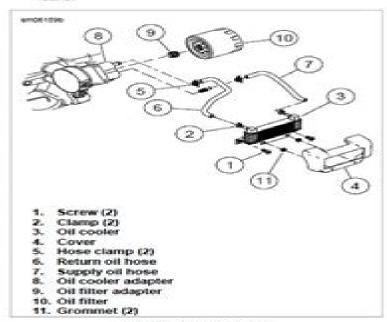


Figure 3-11. Oil Cooler

Harley 2013 Ultra Classic Service Manual

Harley-Davidson Motor Company

Harley 2013 Ultra Classic Service Manual:

Harley-Davidson FLH/FLT Touring Series 2010-2013 Editors of Clymer Manuals, 2016-03-01 FLHTC Electra Glide Classic 2010 2013 FLHTCU Ultra Classic Electra Glide 2010 2013 FLHTK Electra Glide Ultra Limited 2010 2013 FLHR Road King 2010 2013 FLHRC Road King Classic 2010 2013 FLTRX Road Glide Custom 2010 2013 FLTRU Road Glide Ultra 2011 2013 FLHX Street Glide 2010 2013 FLHTCUSE5 CVO Ultra Classic Electra Glide 2010 FLHTCUSE6 CVO Ultra Classic Electra Glide 2011 FLHTCUSE7 CVO Ultra Classic Electra Glide 2012 FLHTCUSE8 CVO Ultra Classic Electra Glide 2013 FLHXSE CVO Street Glide 2010 FLHXSE2 CVO Street Glide 2011 FLHXSE3 CVO Street Glide 2012 FLTRUSE CVO Road Glide Ultra 2011 2013 FLTRXSE CVO Road Glide Custom 2012 FLTRXSE2 CVO Road Glide Custom 2013 FLHRSE5 CVO Road King Custom 2013 TROUBLESHOOTING LUBRICATION MAINTENANCE AND TUNE UP ENGINE TOP END ENGINE LOWER END CLUTCH AND EXTERNAL SHIFT MECHANISM TRANSMISSION AND INTERNAL SHIFT MECHANISM FUEL EMISSION CONTROL AND EXHAUST SYSTEMS ELECTRICAL SYSTEM COOLING SYSTEM WHEELS TIRES AND DRIVE CHAIN FRONT SUSPENSION AND STEERING REAR SUSPENSION BRAKES BODY AND FRAME COLOR WIRING Harley-Davidson FLH/FLT Touring Series 2006-2009 Clymer Publications, 2000-05-24 Complete coverage for DIAGRAMS your Harley Davidson Shovelhead and Evolution Big Twins for 1970 thru 1999 covering FL FX FLT FLH FXR Dyna and Softail with 1200 and 1340cc engines Routine Maintenance and servicing Tune up procedures Engine clutch and transmission repair Cooling system Fuel and exhaust Ignition and electrical systems Brakes wheels and tires Steering suspension and final drive Frame and bodywork Wiring diagrams Reference Section With a Clymer manual you can do it yourself from simple maintenance to basic repairs Clymer writes every book based on a complete teardown of the motorcycle We learn the best ways to do a job and that makes it guicker easier and cheaper for you Our books have clear instructions and hundreds of photographs that show each step Whether you re a beginner or a pro you can save big with Clymer Step by step procedures Easy to follow photos Complete troubleshooting section Valuable short cuts Model history and pre ride checks in color Color spark plug diagnosis and wiring diagrams Tools and workshop tips section in color Models covered include FLHT Electra Glide Standard 2006 2009 FLHTI Electra Glide Standard 2006 FLHTC Electra Glide Classic 2007 2009 FLHTCI Electra Glide Standard 2006 FLHTCU Ultra Classic Electra Glide 2007 2009 FLHTCUI Ultra Classic Electra Glide 2006 FLHTCU

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