

FITS

1999-2005 FLHT, FXD, 2000-2017 FXST, 1999-2013 FLHR

Additional Parts Required

Loctite® 565 Thread Sealant (99818-97)

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 dealer perform the installation. Improper installation of this kit could result in death or serious injury.

INSTALLATION

NOTE

Use Loctite 565 Thread Sealant on all pipe threads.

1. See Figure 1. Assemble oil pressure gauge to mounting bracket using locknuts and retention plate as shown. Tighten locknuts just until bracket studs are flush with nylon inserts in locknuts. Thread female pipe fitting onto end of gauge. Hold square stem of gauge with wrench when tightening female fitting.
2. See Figure 2. Remove oil pressure switch (2) from crankcase and save switch for reassembly. It may be necessary to use a 15/16 inch open end crow foot (Snap-On FC30B) to remove the oil pressure switch. Remove the two rear right hand side rocker box screws (1). Place mounting bracket of oil pressure gauge assembly over holes in rear rocker box and reinstall rocker box screws to hold assembly in place. Tighten screws to 14–19 N·m (10–14 ft-lbs).
3. Install the tee fitting from kit into crankcase hole where oil pressure switch was removed making sure the 1/8 inch tapped hole in tee fitting side is positioned straight up when installed. Tighten to 10.9–16.2 N·m (96–144 in-lbs)
4. Install male fitting from kit into 1/8 inch tapped hole in tee fitting. Reinstall switch removed in step 2 into end of tee fitting.
5. Attach flex tubing to male fitting. Insert tubing through flare nut and seat on shoulder in fitting. Tighten flare nut 1 turn past finger tight.
6. Install vinyl tubing over flex tubing. Trim vinyl tubing about 1/2 inch shorter than flex tubing to allow seating on flare nut at gauge. Route tubing from male fitting on crankcase tee, below bottom of air cleaner (where it will be held in place with mounting base and cable strap in kit), and to female fitting on gauge. Install tubing to female fitting on gauge.
7. Affix mounting base on bottom of plastic air cleaner back. Use cable strap in kit to secure hose to mounting base.
8. Start engine and check for leaks.

SERVICE PARTS

Table 1. Service Parts Table

Item	Description	
1	Oil pressure gauge	
2	Mounting bracket	
3	Retention plate	
4	Locknuts (2)	
5	Female fitting	
6	Male fitting	Not Sold Separately
7	Tee fitting	Not Sold Separately
8	Vinyl tubing, reinforced	74443-99
9	Flexible nylon tubing	74444-99
10	Cable strap	10065
11	Cable strap mounting base	10170

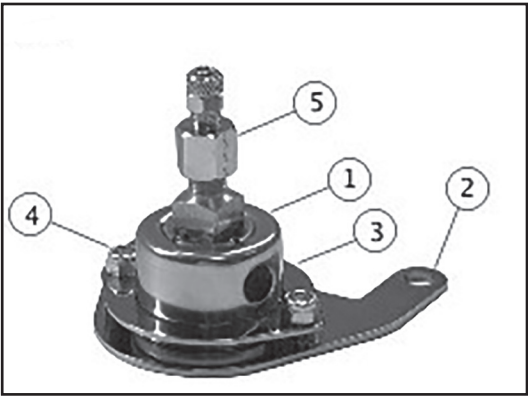


Figure 1. Oil Gauge and Bracket Assembly

- 1 Oil pressure gauge
- 2 Mounting bracket
- 3 Retention plate
- 4 Locknuts
- 5 Female fitting

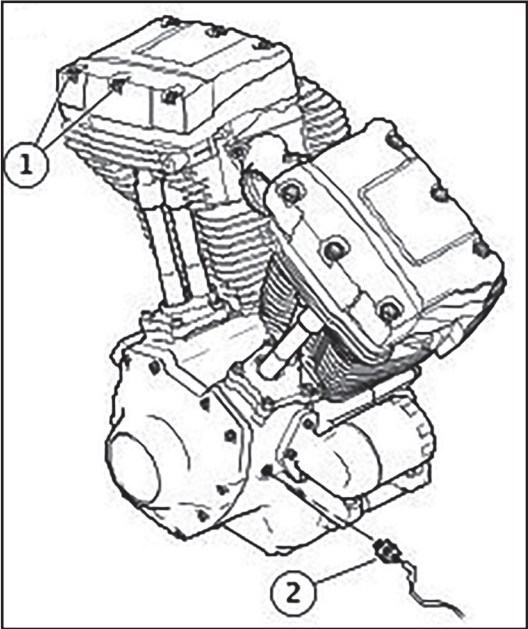


Figure 2. Gauge Mounting Location

- 1 Screws
- 2 Oil pressure switch