

PART NUMBER

74400-68A

Orig. 12-80

INSTRUCTIONS**OIL PRESSURE GAUGE KIT****AMF** | HARLEY-DAVIDSON**GENUINE PARTS
AND ACCESSORIES**

This oil pressure gauge kit includes the following parts:

QTY.	DESCRIPTION
1	Oil pressure gauge assembly
2	Strap
2	Screw, #10-24 X 3/4 in. Pozidrive
1	Terminal, #10 ring type
1	Bracket clamp
1	Wire connector
1	Tee connector (small) used with FL/FX models
1	Commoning tab
1	Tee connector (large) used with XL model
1	Socket terminal
1	Hose union
1	Female spade terminal

Locate proper instructions before beginning installation.

WARNING

To avoid accidental start-up of vehicle and possible personal injury, disconnect the battery cables, (negative cable first) before performing any of the following procedures.

MOUNTING OIL PRESSURE GAUGE-ALL MODELS

1. Mount the gauge to the handlebar in desired position, securing with the #10-24 X 3/4 in. screws and clamp. Tighten to 22 in-lbs torque.
2. Route the wiring and oil hose along handlebar, securing with straps.
3. Route the wiring to the headlamp assembly and see applicable wiring instruction following.
4. Carefully route the oil hose down the right front frame tube, secure with hose straps.

CAUTION

When routing oil hose keep it away from hot or moving parts. Do not allow any sharp bends or kinks in the hose. The front wheel must be free to move to both limits without creating stress, pinching or bending the oil hose.

5. Route hose to the oil pump; see applicable installation instructions following.

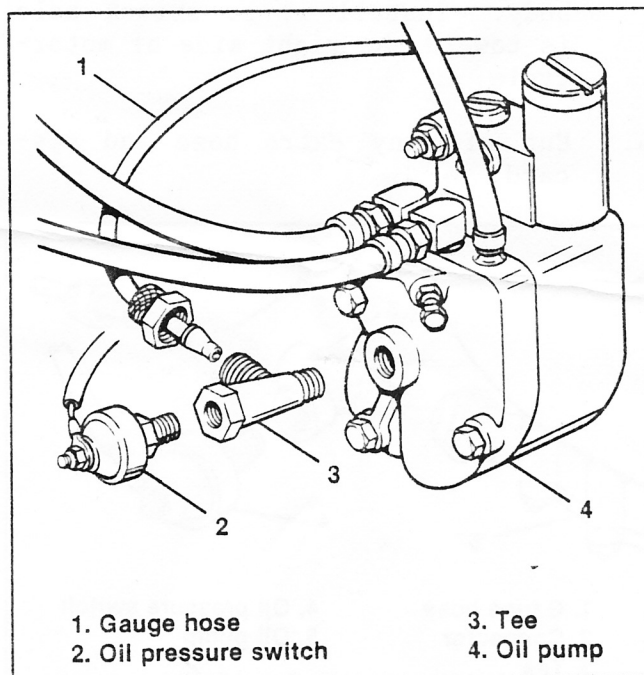
INSTALLATION - FL/FX

1. Route oil hose behind two front cylinder push rods, between rear cylinder push rods and timer and then under oil pump lines.

CAUTION

Do not allow hose to contact hot engine components such as cylinder head, cylinder or exhaust pipe.

2. Remove any equipment that may interfere with installation of oil hose.

**Figure 1. Installation FL/FX**

3. See Figure 1. Loosen terminal nut on oil pressure switch and remove switch.
4. Thread small tee into pump cover switch hole.
5. Cut off any extra hose and discard.
6. Install hose through nut/bushing combination, thread into tee fitting.
7. Thread pressure switch into tee and secure terminal.
8. Install any equipment removed in Step 2.

INSTALLATION-XL

CAUTION

Do not allow hose to contact hot engine components such as cylinder head, cylinder or exhaust pipe.

1. Remove any equipment that may interfere with installation of oil hose.
2. See Figure 2. Loosen terminal nut on oil pressure switch and remove switch.
3. Thread large tee into the oil pump body. Install it so switch hole is toward the right side of motorcycle.
4. Cut off any extra hose and discard.

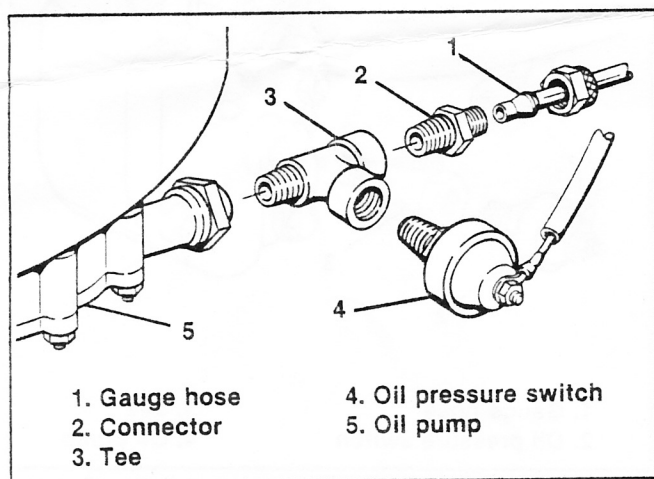


Figure 2. Installation

5. Install hose through nut and bushing, thread into tee fitting.
6. Thread pressure switch into tee and secure terminal.
7. Install any equipment removed in Step 1.

WIRING - FL/FLH 1969 & EARLIER

1. Remove necessary headlamp hardware to gain access to front terminal board.
2. Route gauge wire through headlamp housing.
3. Strip approximately 3/16 in. insulation from gauge wire and crimp on small ring connector furnished.
4. Connect gauge wire to terminal #20 on front terminal board.

WIRING - FL/FLH 1970 TO 1972

1. Remove necessary headlamp hardware to gain access to front terminal board.
2. Route gauge wire through headlamp housing.
3. Strip approximately 3/16 in. insulation from gauge wire and crimp on female spade connector furnished.
4. Push female spade connector onto any available male end terminal #4 on front terminal board.

WIRING - FL/FLH 1973 & LATER

1. Remove necessary headlamp hardware to gain access to front terminal board.
2. Route gauge wire through headlamp housing.
3. Strip approximately 3/16 in. insulation from gauge wire and crimp on female spade connector furnished.
4. Push female spade connector onto any available male terminal #3 on the front terminal board.

WIRING - FX/XL 1974 & EARLIER

1. Remove necessary headlamp hardware to gain access to the front terminal board.
2. Route gauge wire through headlamp housing.
3. Strip approximately 3/16 in. insulation from gauge wire and crimp on small ring connector furnished.
4. Connect ring connector to ignition terminal on front terminal board.

WIRING - FX/XL 1975 & LATER

1. Remove necessary headlamp hardware to gain access to socket-plug combination.
2. Strip approximately 3/16 in. insulation from gauge wire and crimp on pin connector furnished.
3. Push a small nail through rubber boot in any open position next to an existing orange wire. Insert new pin through hole and into plug.

NOTE

Unless an open slot is available with a commoning tab present; use commoning

tab furnished to join newly installed pin with an existing (orange wire) pin.

4. Push two halves of the socket/plug combination together, making sure they lock.

Assembling socket/plug combination will seat the new commoning tab, if used.

After assembly recheck new pin to be sure it is fully seated.

WIRING ALL MODELS

Wire connector supplied in kit can be used as an alternate wiring method.

Use wire connector to join gauge wire to any orange wire leading from terminal board or socket/plug combination; as referenced in the applicable instructions above.

NOTE

After completing installation and wiring, reconnect battery cables, positive first.

CAUTION

After completion of installation check for leaks at all oil fittings.