

1980 & 1981 FLT SERVICE INFORMATION

TRANSMISSION BREATHER VENT — 1980 ONLY

The 1981 FLT transmissions have been modified to prevent oil leakage at the breather vent. Dealers may wish to make this change on 1980 models if fluid leakage is a problem.

1. Disconnect the negative lead from the battery to avoid accidental start-up.
2. Remove the starter solenoid and the transmission top cover. See the 1981 FLT Service Manual for detailed removal and installation procedures.
3. Depress the crown of the breather vent, Part No. 24634-77, until it bottoms on the rubber disc. This can be done with a light tap with a hammer and will deactivate the breather.

Clean the breather with a suitable cleaner and seal it with silicone seal to avoid future leakage.

4. See Figure 1. Remove the rearmost clutch cable bracket bolt (1/4-20 x 5/8 in.). See Figure 2. Drill through the bolt head with a 1/16 in. dia. drill. Drill a second 1/16 in. dia. hole lengthwise from the bottom of the bolt to meet the cross hole in the head. Do not drill this hole completely through the head

of the bolt. Clean the bolt with compressed air to remove all shavings. A drilled 1/4-20 x 5/8 bolt can be ordered under Part No. 3751.

5. See Figure 3. Drill a 1/16 in. dia. hole at a slight angle through the side of the boss located on the underside of the transmission cover into the rearmost clutch cable bracket bolt hole. Clean all metal shavings from the hole with compressed air.
6. Install the drilled bolt in its original location and install the cover and starter solenoid as described in the 1981 FLT Service Manual.

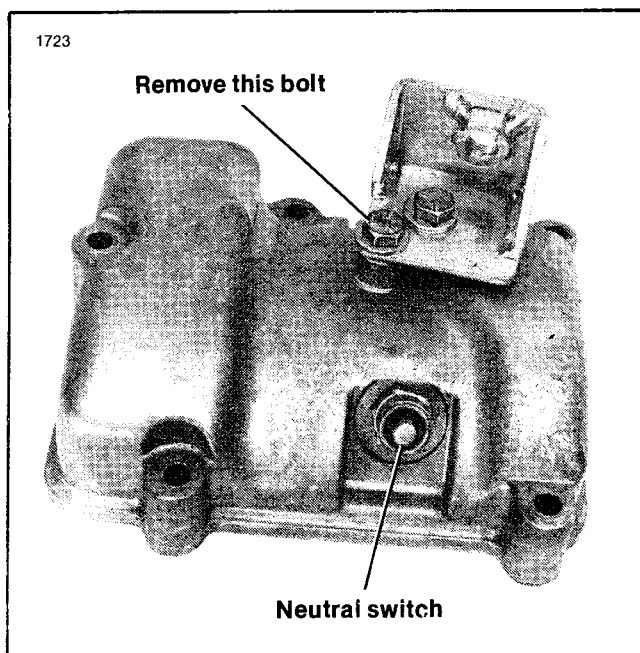


Figure 1. Rear Clutch Cable Bracket Bolt

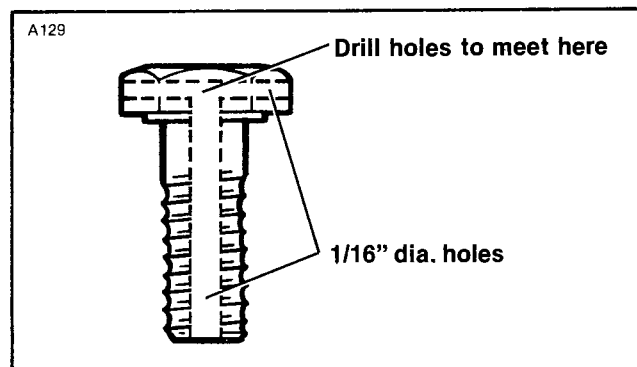


Figure 2. Clutch Cable Bracket Bolt Part No. 3751

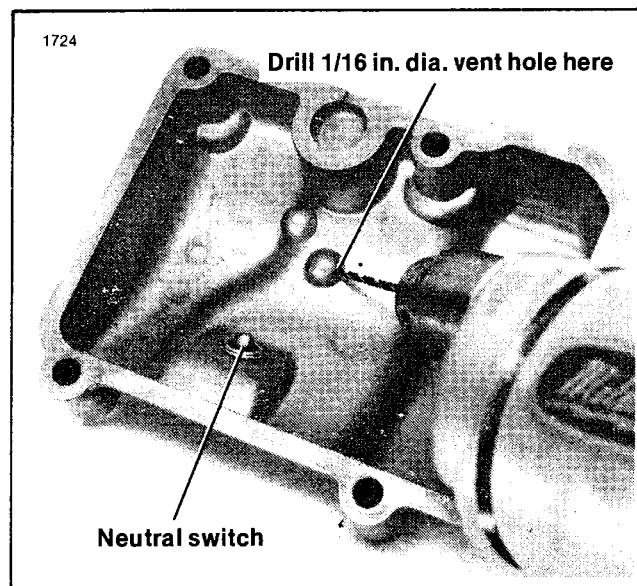


Figure 3. Drilling Vent Hole in Transmission Cover

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
INITIAL HERE									

SHOCK ABSORBER RUBBER BUSHINGS

The life of FLT REAR SHOCK ABSORBER RUBBER BUSHINGS, Part No. 54628-80, can be extended by adding a FLAT WASHER, Part No. 6653, to each side of the bushing. Be sure to install the washers over the metal

spacer so they contact the face of the bushing. See the 1981 FLT Service Manual for detailed removal and installation instructions.

STEEL CLUTCH PLATES — 1981 MODELS

The STEEL CLUTCH PLATES, Part No. 37975—41, were changed in August, 1980. The three CLUTCH DISC BUFFERS, Part No. 38025-41, and their mounting holes have been eliminated starting with VIN 1HD1BAK14BY011984. These new style plates are directly interchangeable

with the old style plates without modification.

Refer to the 1981 FLT Service Manual for clutch service information.

THROTTLE CABLES — 1980 MODELS

Late 1980 FLT's were equipped with a longer (45-3/8") THROTTLE CABLE, Part No. 56316-80. If the throttle cable should need replacement, we recommend using

this longer cable.

See the 1981 FLT Service Manual for installation procedures.

CRANKCASE BREATHER TUBE

There is a possibility that after extended use the metal breather tube welded to the exhaust pipe may become partially clogged. If this pipe becomes clogged, engine

oil leaks could develop as a result of pressurization. Inspection and cleaning is recommended every 10,000 miles.

HARLEY-DAVIDSON MOTOR CO., INC.