

XLH/XLS SERVICE INFORMATION

Transmission Vent Hose Routing — 1981 Models

The transmission vent hose routing on the 1981 XLH/XLS models was recently changed to reduce excessive oil leakage from the transmission. Early 1981 models can be changed to the new routing.

See Figure 1. The transmission vent hose should be routed under the starter, over all the oil lines and the rear brake line, then down between the pivot bolt and swing arm.

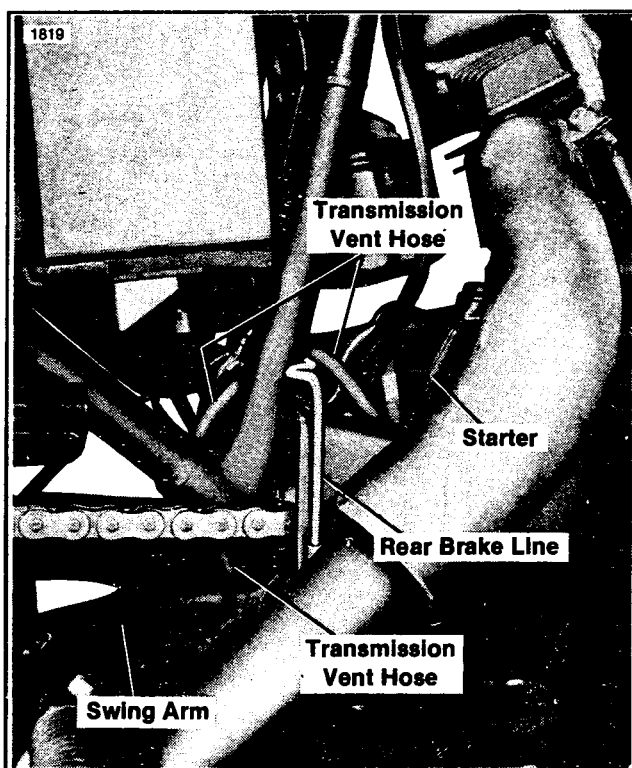


Figure 1. Routing Transmission Vent Hose

Piston Rings

All piston ring sets for 1972 through 1981 1000cc engines with packaging date codes of 4-80 and 5-80

should be checked for correct size of oil control rings. There is a possibility that the oil control rings are the wrong size. Dealers are asked to check the end gap to be sure it is between .012 and .025 in. If the rings are mispackaged and have not been used, they may be returned for credit to Parts and Accessories on an "E" Form. Ring sets that should be checked are:

22355-72	std.	22360-73	.040" O.S.
22357-72	.010" O.S.	22361-73	.050" O.S.
22358-72	.020" O.S.	22362-73	.060" O.S.
22359-72	.030" O.S.	22363-73	.070" O.S.

Only those sets with date codes 4-80 and 5-80 are affected.

Rear Brake Line — 1980 & 1981 Models

WARNING

Avoid bending metal brake lines, when necessary use extreme care. Never kink the line as this may result in brake fluid leakage causing loss of rear brake.

CAUTION

Caution should be exercised whenever working around the rear brake line. An improperly routed or incorrectly bent brake line could contact the solenoid positive terminal causing an electrical short.

WARNING

Care should be taken to ensure that the rear exhaust pipe and/or heat shield does not rub on the brake line. If not corrected, such a condition could wear a hole in the brake line causing the loss of fluid to operate the brake. Also make sure all applicable brake line clips are properly installed.

Accessory Battery Covers

Some aftermarket metal battery covers, Harley-Davidson Part No. 66342-80 and competitors, are available for 1980 and 1981 XL models. If not properly in-

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									

stalled, these covers could contact the battery positive terminal and cause an electrical short through the battery carrier and rear brake line. Always check that these covers do not contact the battery positive terminal.

Rocker Arms

It has been brought to our attention that the torque value, given in the XL Service Manual, for the rocker arm acorn nuts is incorrect.

The correct torque value should be 15-20 ft-lbs.