1981 FLT models have an improved front chain oiling system. The crankcase vent line is now routed to the bottom rear section of the inner primary housing where an oil mist is fed to the chain from three outlets incorporated into the chain tensioner support bracket. See Figure 1.

Some early 1981 FLT's were manufactured before this design change was implemented. Dealers who received these motorcycles were sent CHAIN OILER KIT(s), Part No. 93348, to update the chain oiling system to the current design.

Making this change involves relocating the crankcase vent hose and installing a new tensioner support bracket. Instructions are included with each kit.