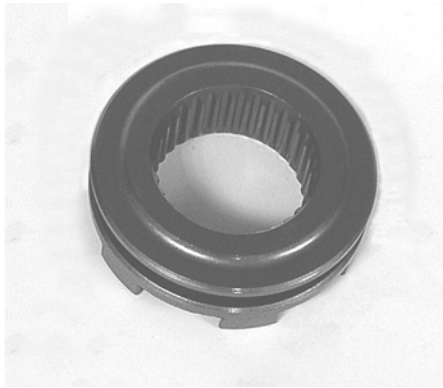
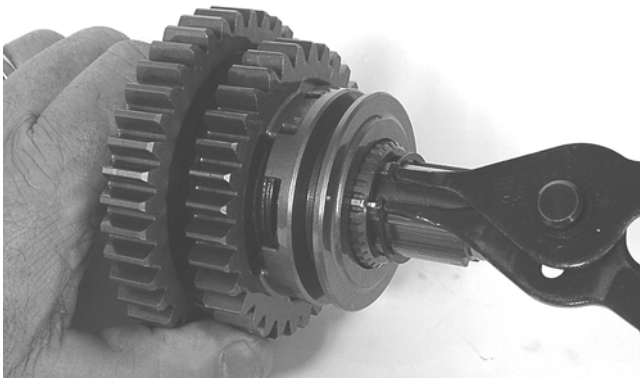


GZ314

5. Install the reverse driven gear dog onto the countershaft and secure with a snap ring.

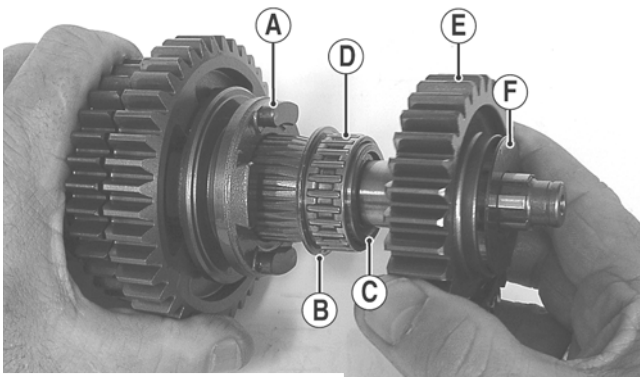


GZ313A



GZ312

6. From the opposite end of the countershaft, install the high/low driven gear dog (A), thrust washer (B), bushing (C), bearing (D), high/low driven gear (E), and spacer washer (F).

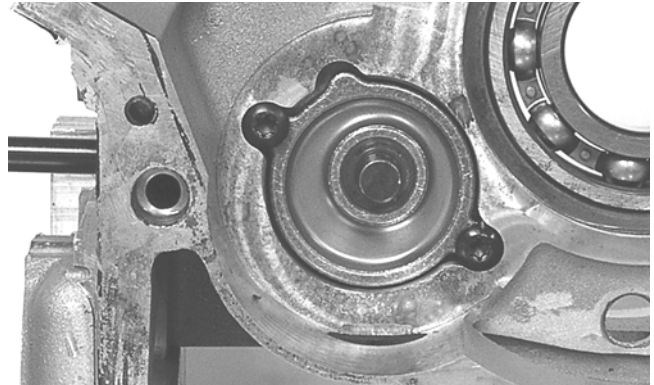


GZ283B

7. Install the two drive gear washers and the shift forks. The countershaft is now ready for installation.

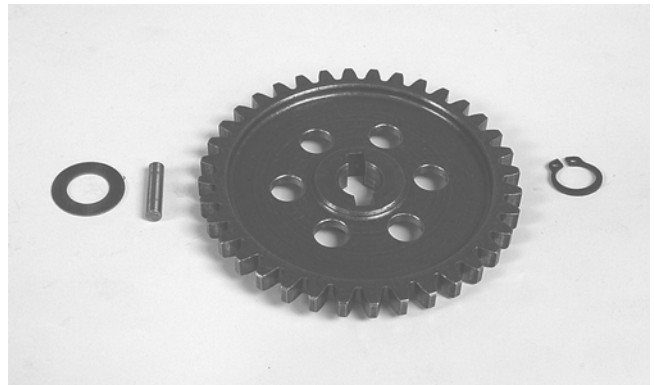
Assembling Crankcase Half

1. Install the oil pump gerotor assembly and oil pump cover in the crankcase and secure with two cap screws. Coat the threads with blue Loctite #243 and tighten securely to 8 ft-lb.



GZ305

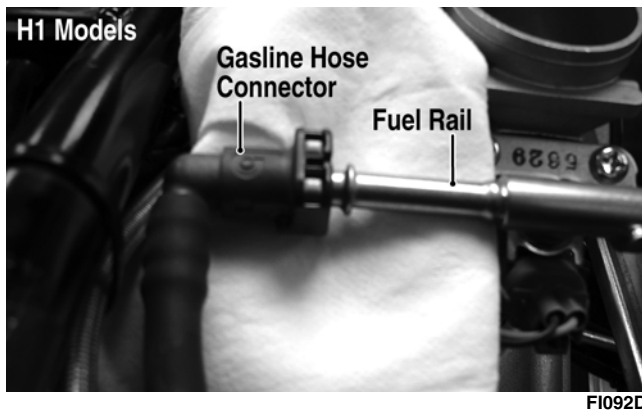
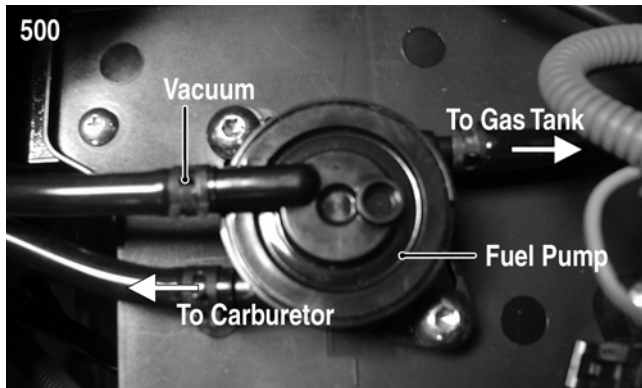
2. Install a flat washer, drive pin, and drive gear onto the oil pump shaft; then secure with a snap ring (flat-side away from the gear).



GZ347

3. Install the water pump drive gear, driveshaft, and drive pin; then install the countershaft into the crankcase and secure with a snap ring (flat-side away from the bearing).

8. Remove the vacuum hose and the fuel-pump-to-carburetor hose (500) or gasline hose connector from the fuel rail (H1 models).



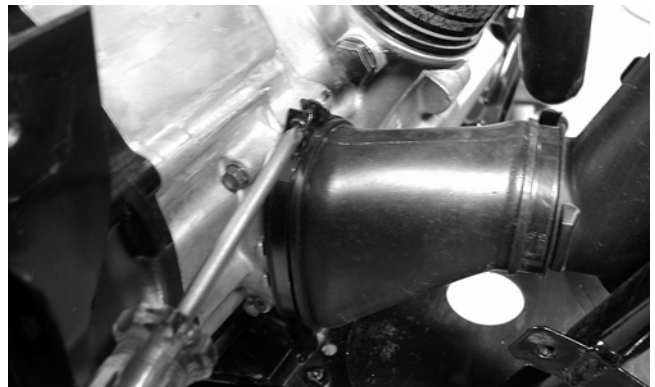
9. Loosen the clamp securing the air intake duct to the air filter housing.



10. Disconnect the crankcase vent hose from the air filter housing. Remove the clamp securing the carburetor intake duct to the air filter housing; then remove the air filter housing.



11. Remove the clamp securing the cooling duct boot to the V-belt housing; then remove the cooling duct boot from the V-belt housing outlet.



12. Remove the left-side foot peg and footwell (see Section 8).