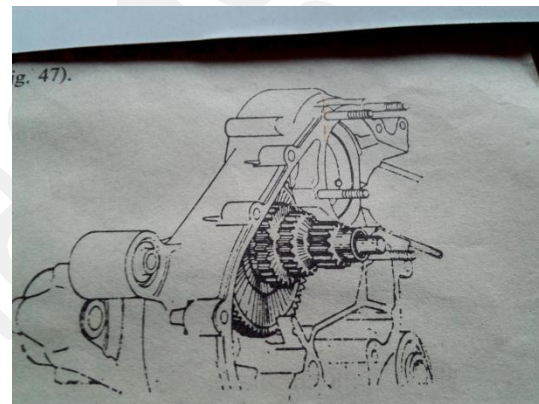
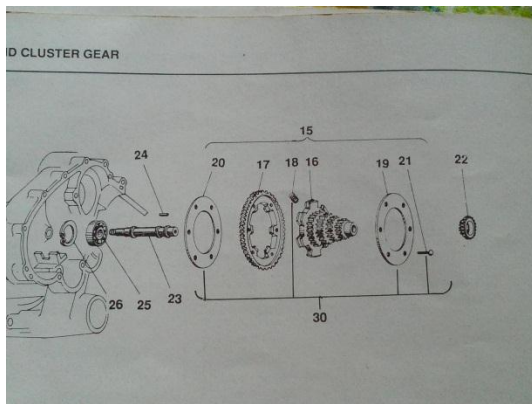




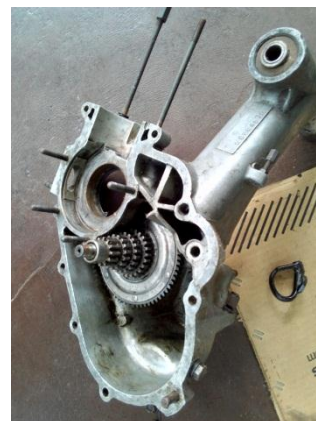
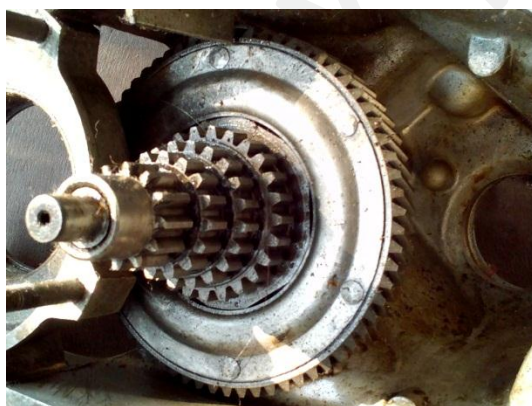
(1)

Do-It-Yourself- # 11. Multiple Gear Assembly.

The overhaul of this assembly becomes necessary when the springs which absorb the shock between the engine (crank) and final drive the helical-driving gear or the cluster gear require replacement. The large primary gear is not connected directly to the multiple gears. But it is set on springs which can compress as power is applied. If you have been through your clutch & your bike is still snatching then the multiple gears is the final area to be inspected.



Multiple Gear assembly

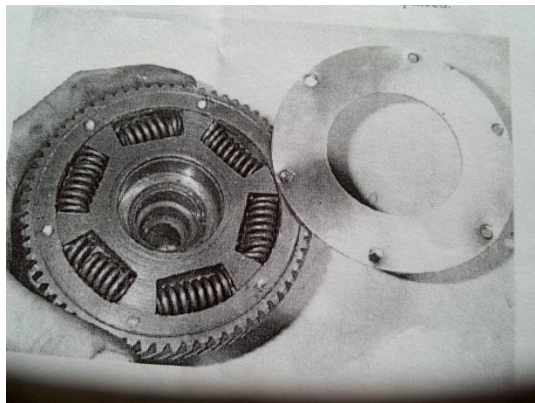


The multiple gear assembly of a Vespa 150 cc Sprint

Grind off the heads of the rivets securing the side plates & punch out them.



(2)



(a) Springs



(b) broken springs

Once you open it you have access to the six springs. Remove old springs. Fit new springs & either gear if necessary (on some models there are inner & outer springs). Reassemble plates & rivet carefully.

Alex Ranasinghe