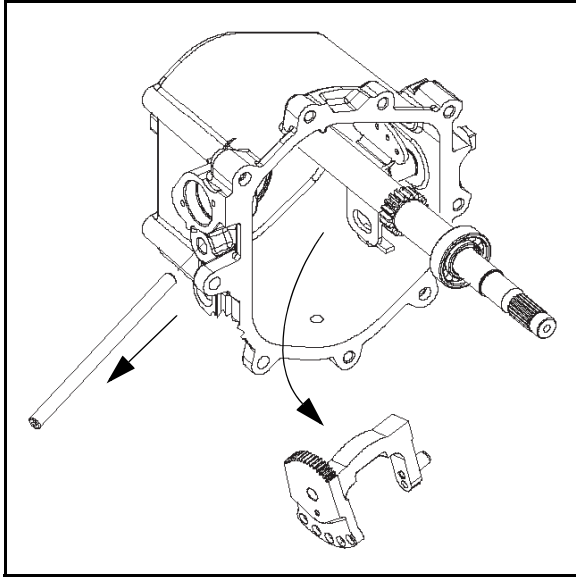
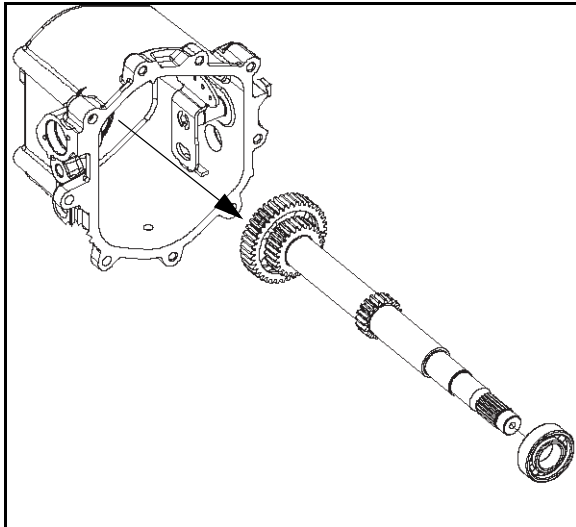


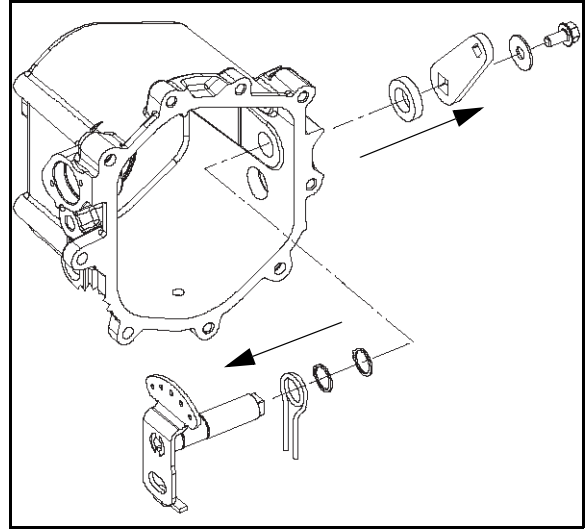
20. Remove the clutch yoke from the gear selector shaft and spring.



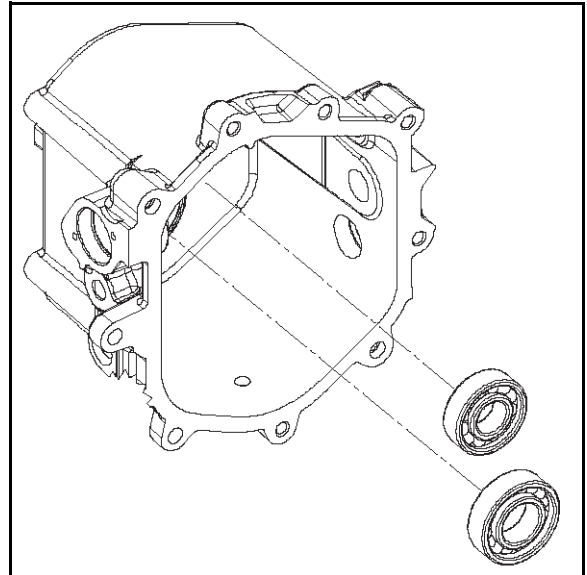
21. Remove the transmission input shaft from the housing. Inspect the shaft bearing and replace if required using a shop press. Inspect the gears for damage and/or wear. Replace the shaft if required.



22. Remove the screw from the end of the gear selector shaft assembly and remove the assembly from the housing. Note the clips, spring and plate orientation.



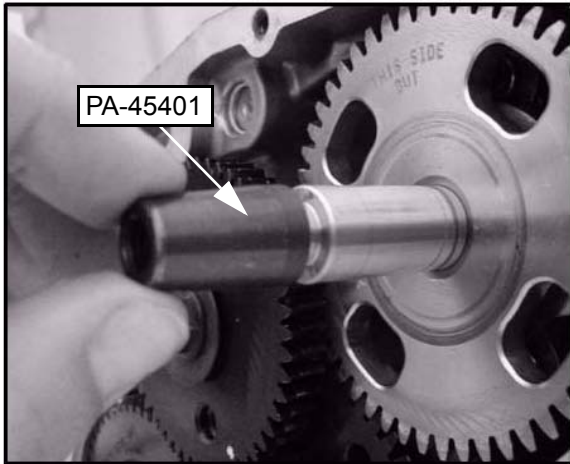
23. Inspect the gear selector shaft and housing for excessive wear or damage. Replace components as required.
24. Inspect and replace the case bearings if required.



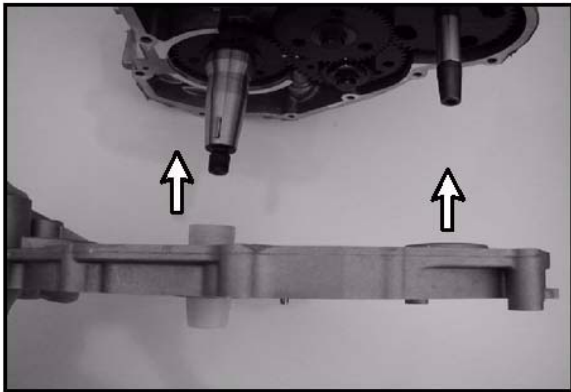
NOTE: Do not pull bearings from case for inspection, as the removal process damages the bearing.

ENGINE

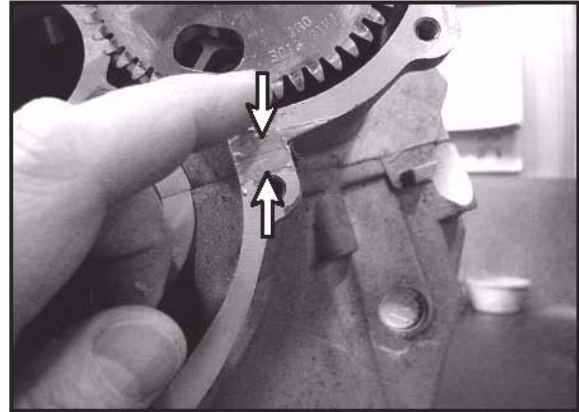
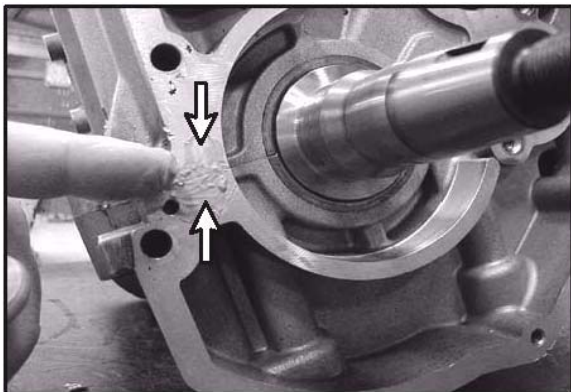
32. Before installing the gear/stator housing cover, install the Water Pump Seal Saver (**PA-45401**) onto the water pump shaft.



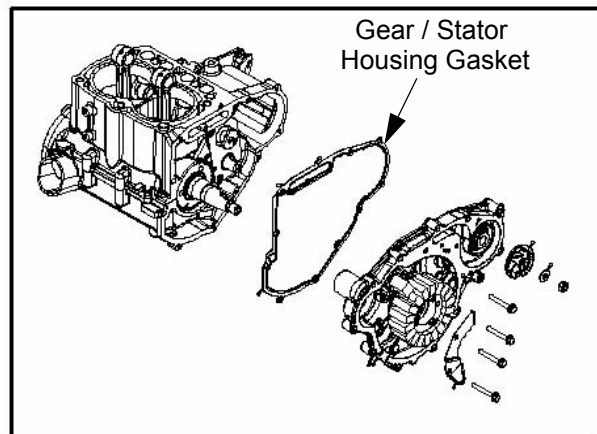
33. Install a NEW gasket to the gear/stator housing cover and crankcase. With the tools installed, carefully place the gear/stator housing cover over the protection tools.



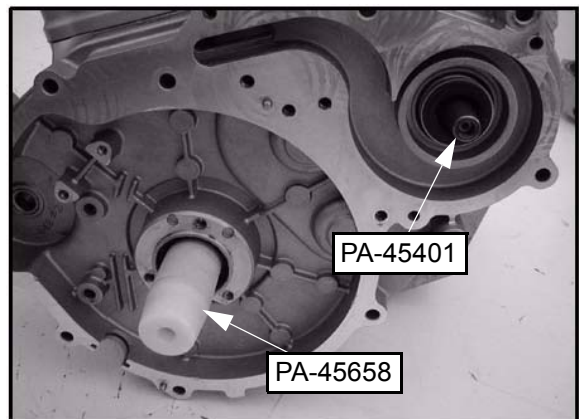
34. Apply Crankcase Sealant (**PN 287 1557**) to the outside edges of the crankcase halves (see arrows), where the crankcases mate (see the following photos). This helps to prevent coolant leakage.



35. Install the gear/stator housing gasket onto the crankcase.



36. Secure the gear/stator housing cover to the crankcase with the cover bolts. Torque bolts in proper sequence to specification. Remove seal protectors from the shaft ends once the cover is secure.



Gear/Stator Housing Bolt Torque:
96 ± 3 in. lbs. (10.85 ± 0.35 Nm)
 *Torque in proper sequence