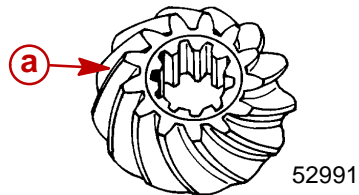




## Pinion Gear

1. Inspect pinion gear teeth for breakage, rust, chipping or excessive wear.
2. If pinion gear teeth are damaged, inspect FORWARD and REVERSE gear for damage.
3. Replace gears as required.

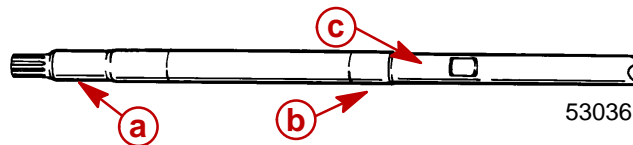


**a**-Pinion Gear

## Driveshaft

**IMPORTANT: If upper drive shaft bushing or lower drive shaft needle bearing race appear to be spinning in their respective bores, the gear housing should be replaced.**

1. Replace drive shaft if the following exist:
  - Splines are twisted or worn.
  - Oil seal surface is grooved.
  - Bearing/Bushing journal surfaces are pitted or worn. Replace corresponding bearing as well.



**a**-Bearing/Bushing Surface  
**b**-Bearing/Bushing Surface  
**c**-Seal Surface