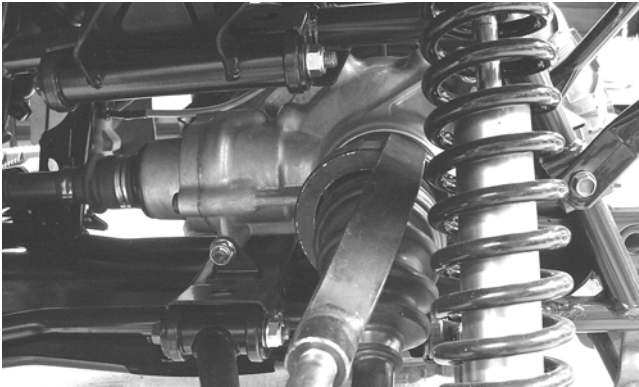


KC285

- Place a drain pan under the ATV to contain any oil leakage; then using a slide hammer, remove the drive axle.



KC286

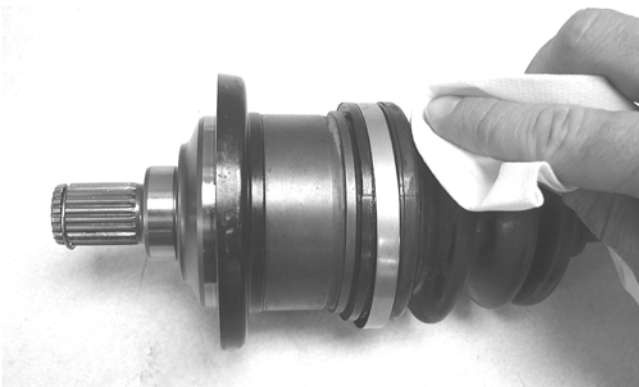
REMOVING FRONT DRIVE AXLE

■NOTE: For removing a front drive axle, see Front Differential in this section.

CLEANING AND INSPECTING

■NOTE: Always clean and inspect the drive axle components to determine if any service or replacement is necessary.

- Using a clean towel, wipe away any oil or grease from the axle components.



CD019

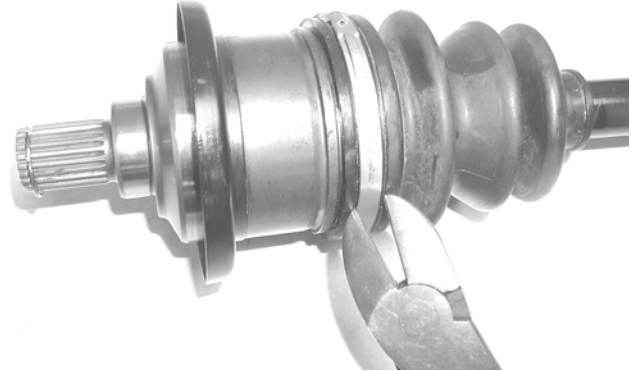
- Inspect boots for any tears, cracks, or deterioration.

■NOTE: If a boot is damaged in any way, it must be replaced with a boot kit.

- Inspect the gear case seals for nicks or damage.

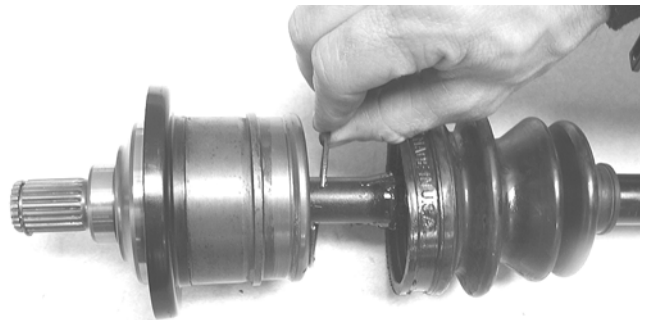
DISASSEMBLING AXLES

- Using a side-cutters (or suitable substitute), remove the large clamp from the boot.



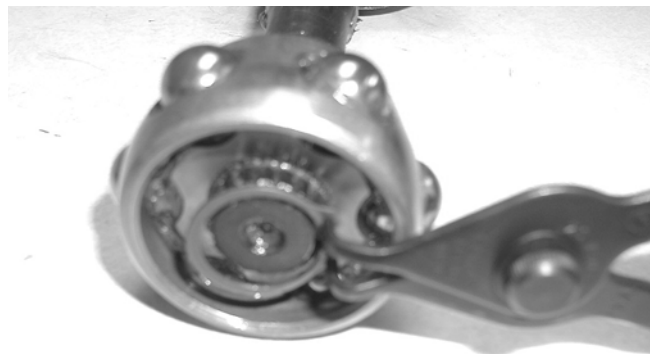
CD020

- Wipe away excess grease to access the retaining ring. Using an awl, remove the circlip.



CD021

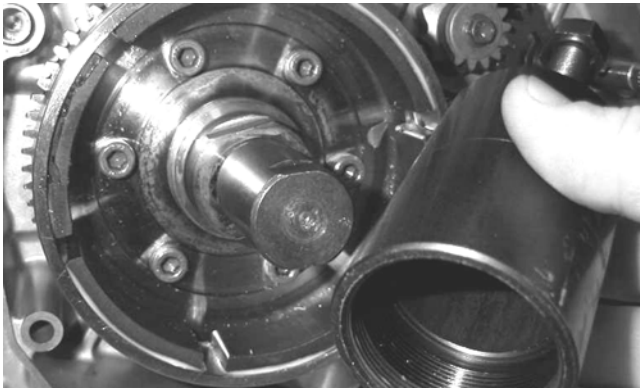
- Using a snap ring pliers, remove the snap ring securing the bearing ring to the shaft. Note the direction of the bearing for assembling purposes.



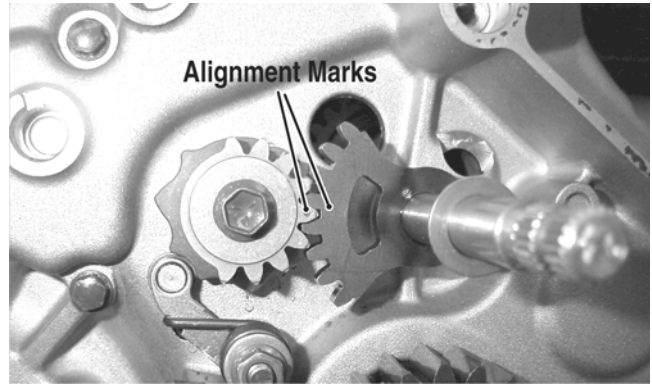
CD023

- Note the difference inside each bearing ring end for assembling purposes; then remove the bearing ring.

■NOTE: The recess of the bearing must face toward the housing.



MD1368



MD1239

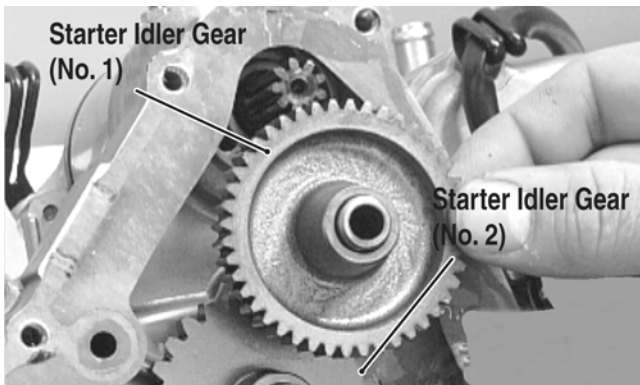


MD1369



MD1370

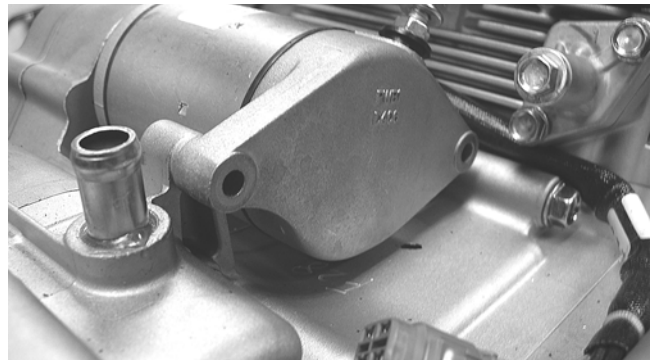
7. Remove the starter idler gear (No. 1) and starter idler gear (No. 2).



MD1305

8. Remove the gear shift shaft assembly and washer from the left-side crankcase. Note the positions of the alignment marks and washer for installing purm stopper spring tension.

9. Remove the shift detent cam.
10. Remove the cam stopper assembly.
11. Remove two starter motor cap screws.



KC217

12. Remove starter motor by tapping lightly with a mallet.

■ **NOTE:** The starter motor is a non-serviceable component and must be replaced as an assembly.

13. Using an impact screwdriver, remove the three Phillips-head screws holding the crankshaft bearing retainer. Remove the crankshaft bearing retainer.



MD1122