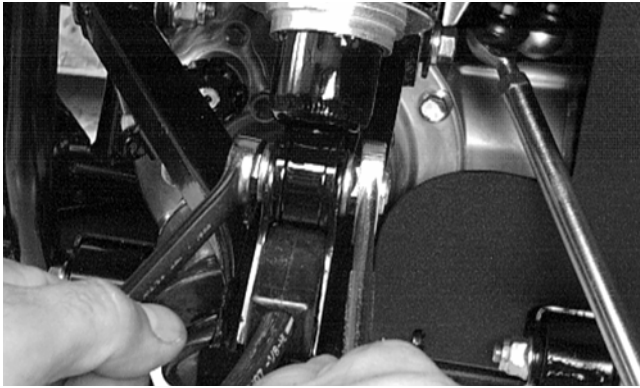




AF897D

9. Install the brake calipers. Secure with the cap screws tightened to specifications.
10. On the XT, install the differential lock cable support making sure to connect the cable end in the actuator plunger; then secure with two torx-head cap screws and tighten to specifications.



PR194B

11. Connect the front drive actuator connector to the main harness and the differential lock indicator connector to the differential; then secure the wires to the frame with nylon ties.
12. Apply a light coat of multi-purpose grease to the hub splines; then install the hubs and nuts. Tighten to specifications; then install new cotter pins.



AF894D

ghten to specifications.

14. Remove the vehicle from the support stand.

15. Install the belly panel.

Drive Axles

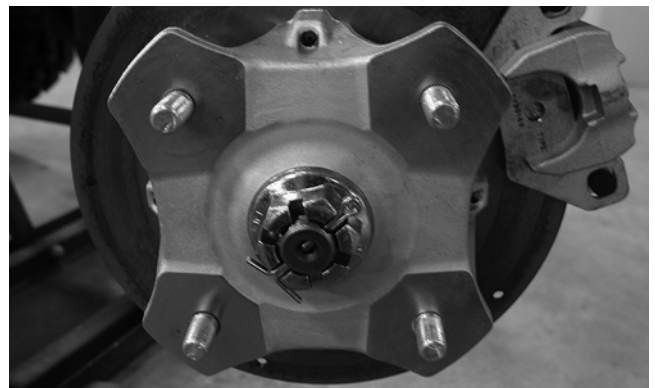
REMOVING REAR DRIVE AXLE

1. Secure the vehicle on a support stand to elevate the wheels.

WARNING

Make sure the vehicle is solidly supported on the support stand to avoid injury.

2. Set the parking brake; then remove the wheels.
3. Remove the cotter pins securing the hex nuts; then remove the hex nuts.



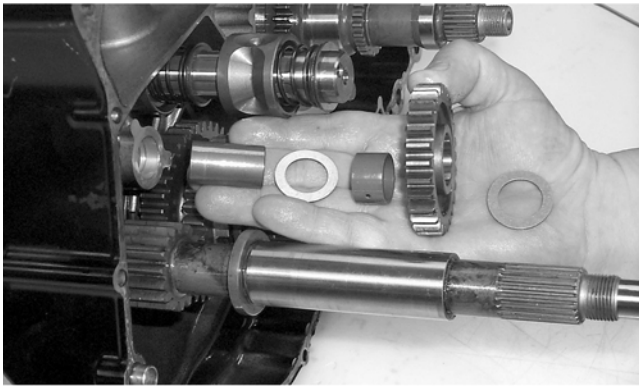
KX041

4. Slide the hub out of the knuckle and set aside.



PR221

5. Remove the cap screw and lock nut securing the knuckle to the upper A-arm. Discard the lock nut.



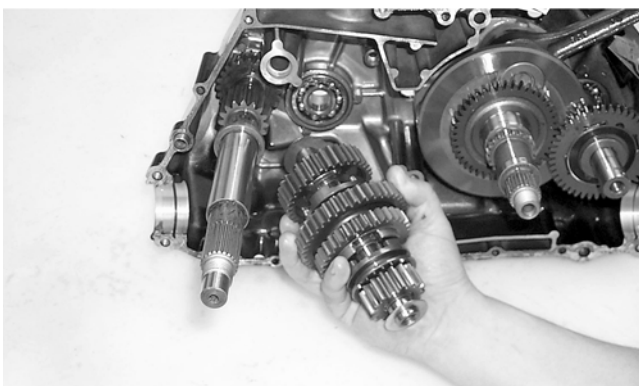
CC668

3. Remove the shift shaft (H); then remove the two forks taking note of the direction of the tabs on the forks for assembling purposes.
4. Remove the gear shift shaft (G) noting the location of the two holes on the end of the shaft. Account for two washers.



PR380A

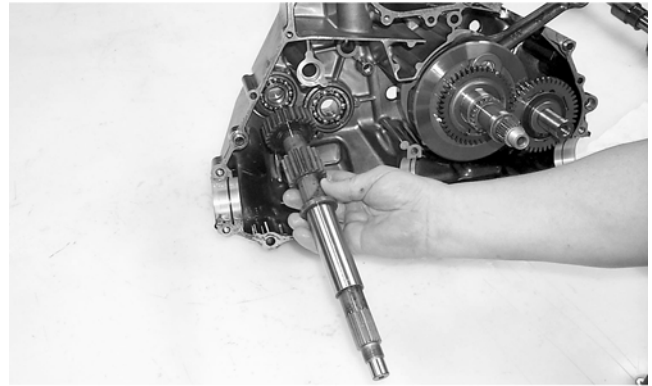
5. Remove the countershaft assembly (D). Account for a washer on each end of the countershaft.



CC674

■ **NOTE:** Do not disassemble the countershaft assembly unless necessary. If necessary, see Servicing Center Crankcase Components sub-section.

6. Using a rubber mallet, tap on the crankcase to remove the driveshaft (E).



CC675

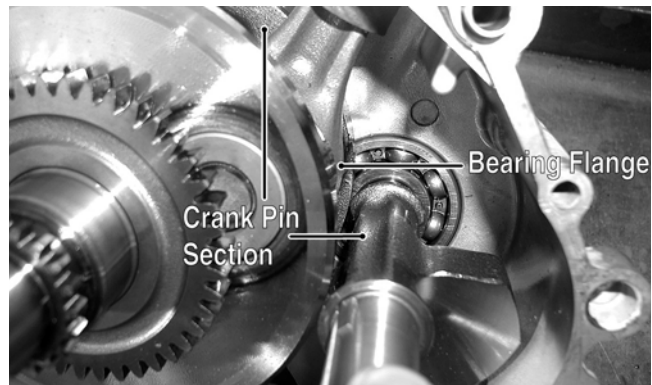
7. Note the timing marks on the crank balancer gear (B) and crankshaft gear (C) for assembling purposes; then slide the crank balancer gear off the crank balancer. Account for the key in the keyway.



CD826

8. Remove the crank balancer.

■ **NOTE:** There is a flat spot on the crank balancer bearing flange to allow clearance past the crankshaft.



CD832B

9. Remove the snap ring securing the water pump driven gear shaft.
10. Using a hydraulic press, remove the crankshaft assembly.

■ **NOTE:** Use a protective end cap to prevent damage to the crankshaft threads.