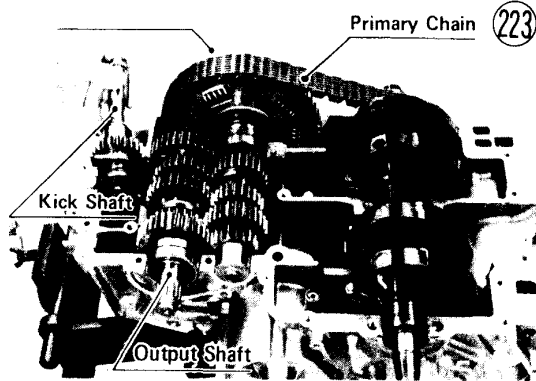


## 64 DISASSEMBLY

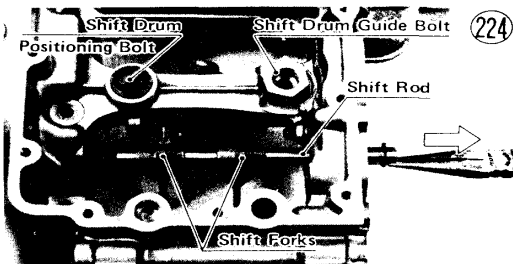
- Take out the kick shaft and output shaft assemblies.

clutch housing

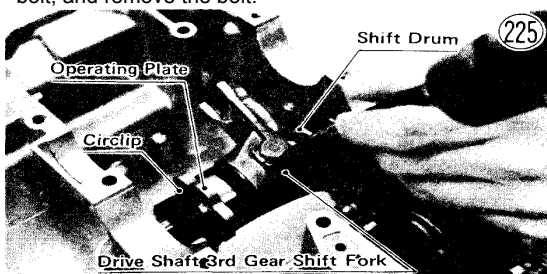


Slip out the clutch housing from the primary chain, and take out the clutch housing with the drive shaft assembly.

- Pull out the shift rod, and remove the two shift forks in the lower crankcase half.



- Remove the shift drum positioning bolt, spring, and pin.
- Straighten the side of the lock washer that is bent over the side of the shift drum guide bolt, and remove the bolt.
- Straighten the side of the lock washer that is bent over the side of the drive shaft 3rd gear shift fork guide bolt, and remove the bolt.



- Pull out the shift drum slightly, remove the operating plate circlip, the operating plate, and drive shaft 3rd

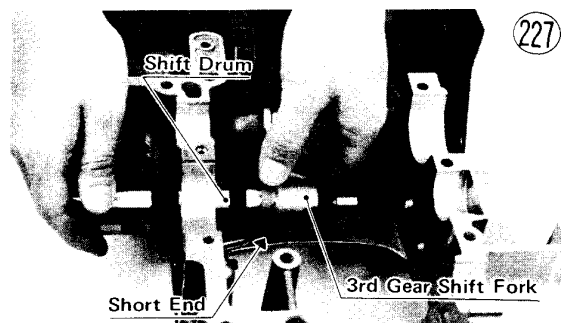
gear shift fork. Pull the shift drum free from the crankcase.

- Remove the blind cap stopper bolt and washer, and pull the blind cap.



### Installation Notes:

1. The upper crankcase half and the lower crankcase half are machined at the factory in the assembled state, so the crankcase halves must be replaced together as a set.
  2. When replacing new crankcase halves, to seat the bypass valve steel ball evenly in the bottom of the upper crankcase half, insert the soft steel rod and hammer lightly the
  3. The primary sprocket (on the crankshaft) and the clutch housing sprocket must align within the specified value (Pg. 139). If the crankcase halves, drive shaft ball bearing, clutch housing, or crankshaft are replaced; check the alignment of the sprockets as described in the Maintenance Section (Pg. 139).
- Insert the shift drum into the crankcase part way, replace the 3rd gear shift fork with the short end facing the neutral switch, i.e., the short end goes onto the drum first.



Check to see that the operating plate pin is in place, fit the operating plate onto the end of the shift drum, and install the circlip.