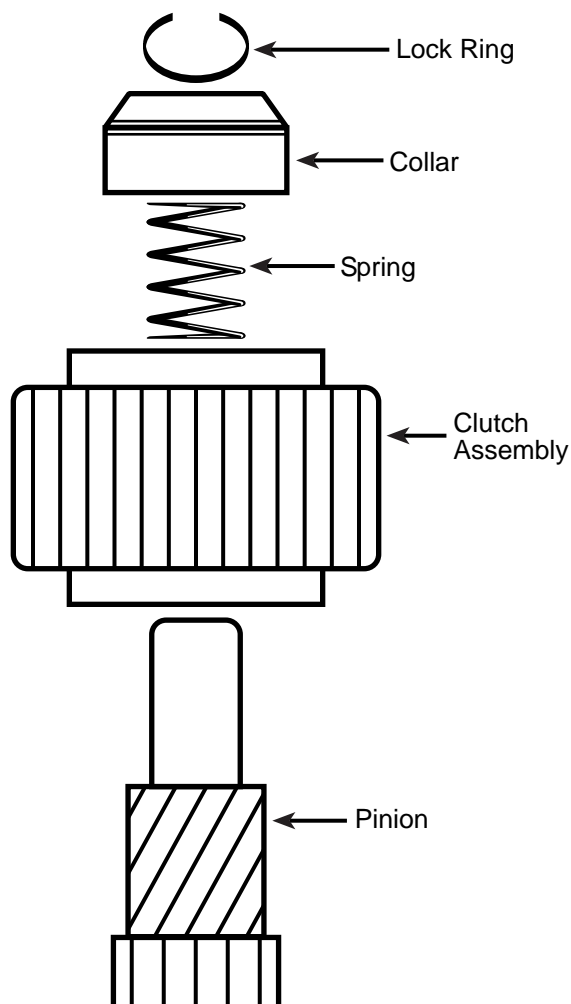


Part #603 Chevy Racing Starter Pinion



1. Remove the three bolts holding the front block on the starter. (Note: On some starters the third bolt may be accessible only from inside the field housing. Changing a pinion on this type of starter can be done with ordinary tools but it is difficult and recommended for trained technicians only.)
2. Pull the pinion assembly out of the starter.
3. Stand the assembly up on its pinion with the collar in the air.
4. Using a small hammer, tap the collar down to expose the lock ring.
5. Using pliers or preferably a pair of side cutters, pull the lock ring off of the shaft.
6. Pull the old pinion out and replace it with the new one.
7. Slightly stretch the new lock ring and work it down the shaft into the groove. Pinch the lock ring tightly on the shaft with pliers.
8. Snap the collar back over the lock ring. Use two pairs of pliers for this, snapping the collar up from both sides at the same time.
9. Put the pinion assembly back in the starter.
10. Replace the front block.

Part #601 Chevy Racing Starter Solenoid

1. Remove starter motor wire from solenoid.
2. Remove the two bolts holding the solenoid housing.
3. Remove solenoid. Take care to leave the coil spring and plunger in the starter housing. This makes the job much easier.
4. Install the new solenoid and shims. Note the two small holes on the solenoid that the spring engages into.
5. Replace bolts and starter motor wire.