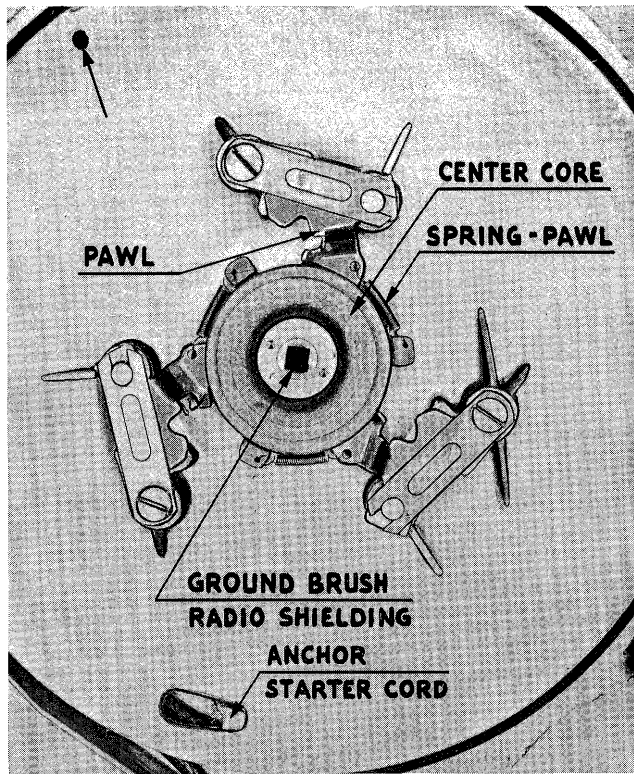
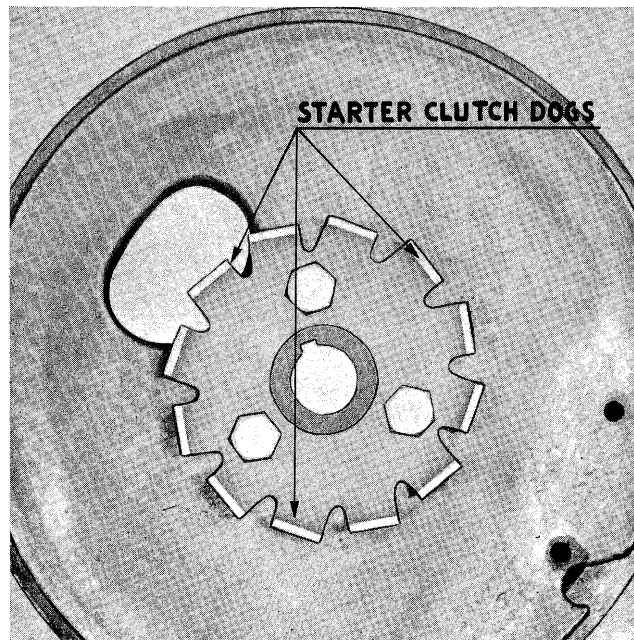




THE READY PULL STARTER—MODEL RD



Starter Engaging Mechanism—Starter Head.

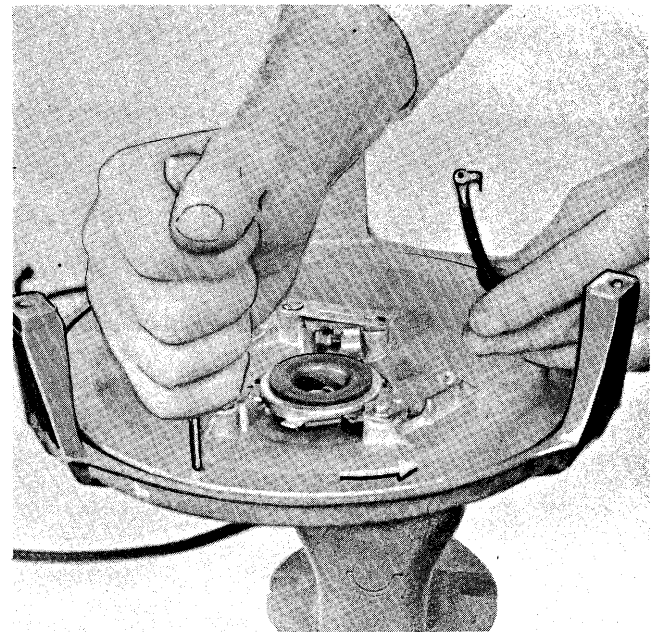


Starter Clutch "Dog" Bracket Attached to Flywheel.

The ready pull starter consists of a starting cord and grip, a rewind spring, an arrangement of pawls and corresponding clutch "dogs" and a housing required to contain the complete assembly. When pulling on the starter cord grip, the pawls automatically engage the clutch "dogs" attached to the

flywheel to accomplish cranking for starting purposes.

1. To install starter cord: remove starter assembly from the motor; detach grip from starter cord (remove screws and small plate—end of the grip); pull cord out to extreme limit; grasp starter pulley with hand to hold it fast; pull on anchor end of the cord to remove; gradually release tension of rewind spring; place starter assembly in vise to hold; insert straight punch in hole in the starter pulley provided for this purpose; "wind" spring up to full limit, then back off or "unwind" approximately one turn; thread new cord through slot in the pulley; attach opposite end to starter cord grip; gradually release spring tension to take up all of the starter cord; attach starter assembly to motor.

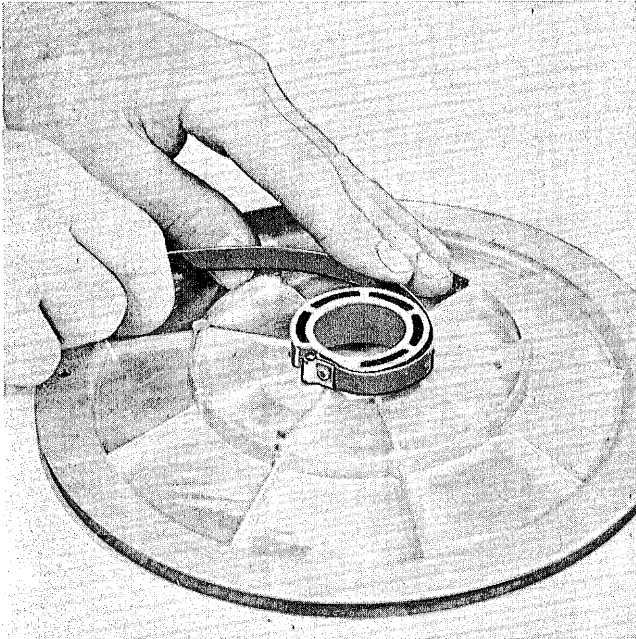


Winding Starter Spring and Inserting Cord.

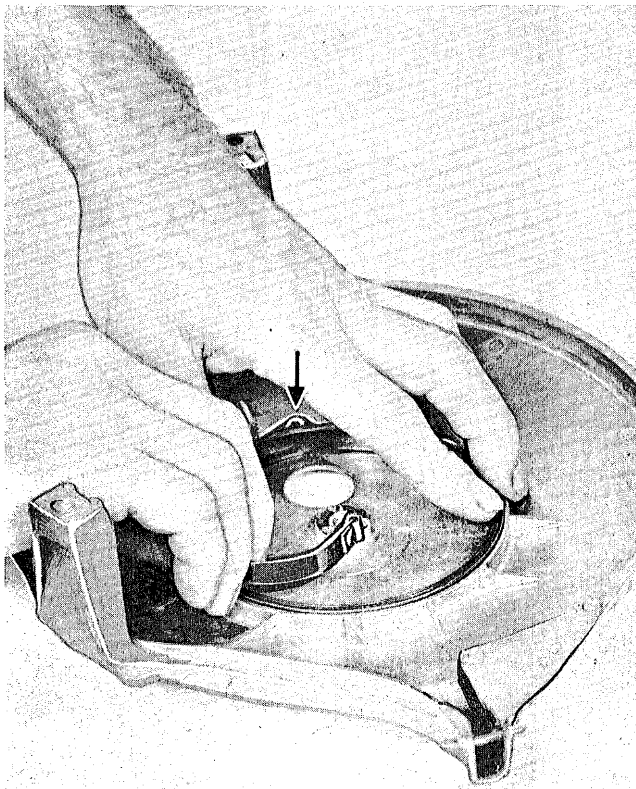
2. To replace the rewind spring: remove starter cord as instructed above; detach the starter pawl springs; remove pulley from starter housing by removing center core bolt; lift center "core" from assembly, then the pulley; form a loop over pin in the pulley and by bending around boss as shown, then place loop on opposite end of the spring over pin in starter housing; "coil" spring into starter housing (counter-clockwise looking down on assembly); bend "looped" free end of coiled spring up or outward to permit slipping loop over corresponding pin in the pulley on final assembly; smear grease liberally over spring coils with small brush or finger; assemble pulley and housing (with coiled spring installed) as shown—being sure loop of free end of the spring is properly guided to "fit" over corresponding pin on the pulley; carefully replace center core with small spring correctly installed—wrapped clockwise looking down—avoid possibility of one loop riding on top of the other



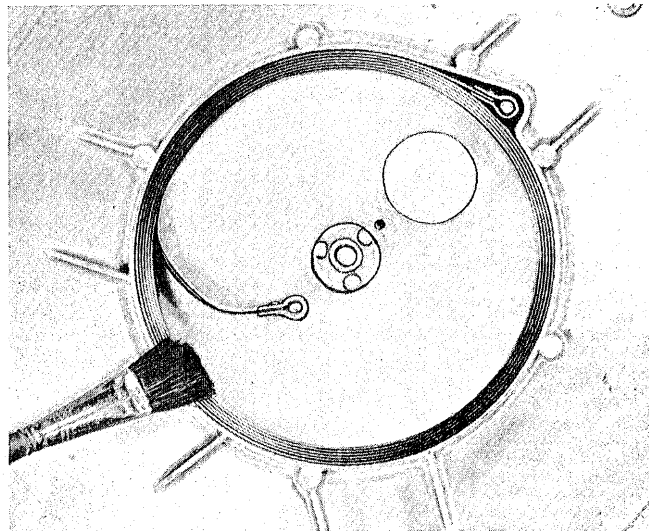
—note small hole in starter housing adjacent to boss and corresponding pin like boss on end of the center core—boss or pin must engage this hole to accomplish correct assembly in this respect; replace and secure center core; replace starter pawl springs; install starter cord as described above.



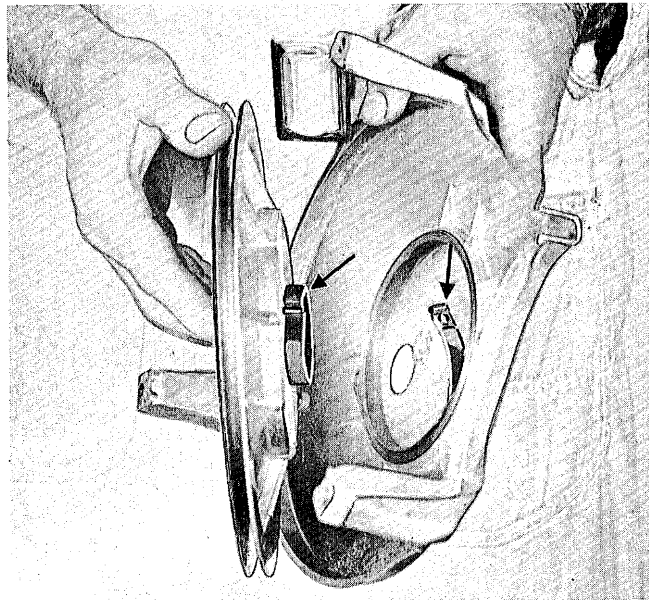
Forming Loop or "Hook" on End of Starter Spring.



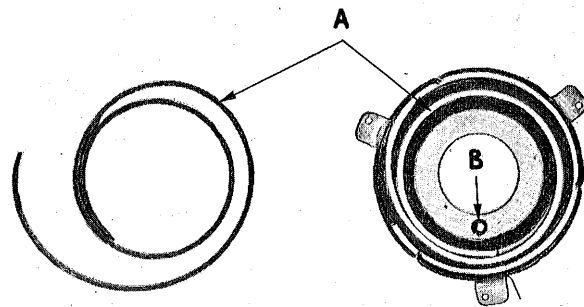
Coiling Spring into Starter Housing—One End Attached to Pin in Housing—Free End Bent Upward to Facilitate Final Assembly.



Showing Starter Spring Coiled into Housing—One End Anchored to Pin—Free End Attached to Pin in Starter Pulley—Applying Grease to Coils of Spring with Brush.



Assembling Starter Head and Pulley—"Loop" on End of Spring to Engage "Pin" in Pulley.



Showing Spring "A" Properly Installed in Starter Center Core—Also Pilot Boss "B" to Locate in Corresponding Hole in the Starter Housing.