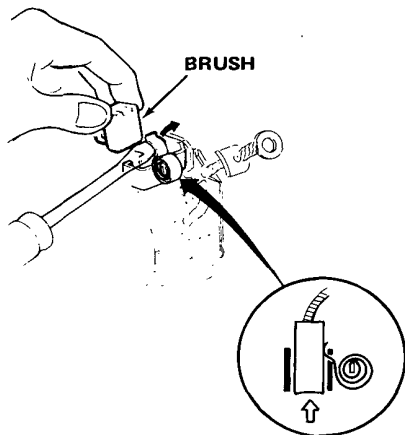


Starting

Starter Reassembly

Reassemble the starter in the reverse order of disassembly.

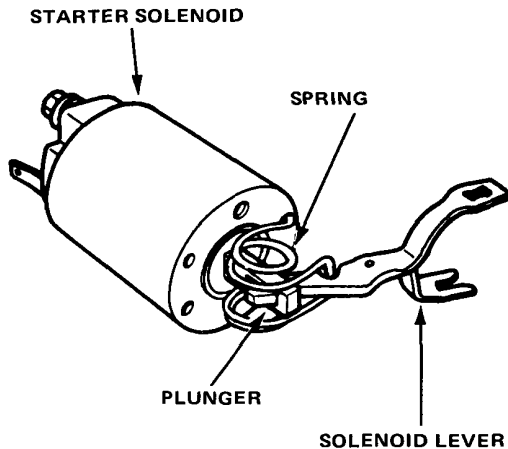
1. Pry back each brush spring with a screwdriver, then position the brush about halfway out of its holder, and release the spring to hold it there.



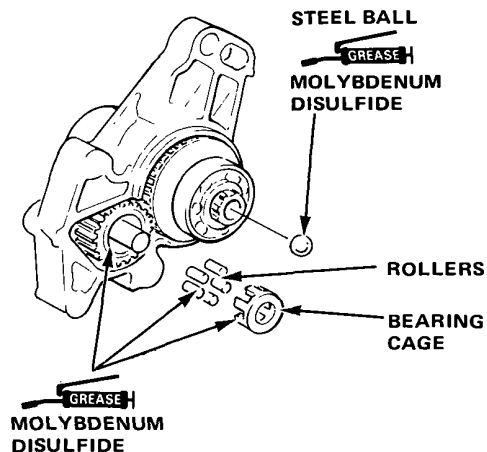
2. Install the armature in the motor housing. Next pry back each brush spring again and push the brush down until it seats against the commutator, then release the spring against the end of the brush.



3. For HITACHI (0.8 kw), install the spring as shown.

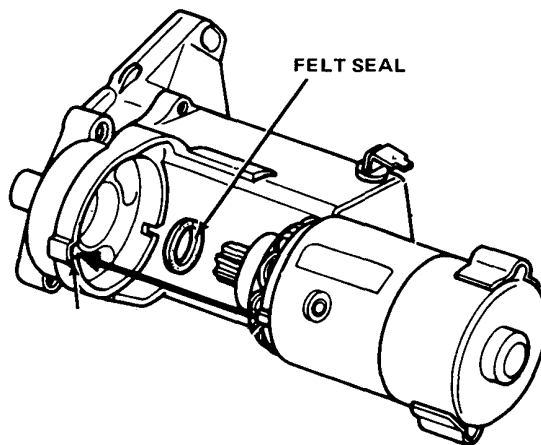


4. For NIPPONDENSO (1.0 kw and 1.4 kw), install the overrunning clutch and idler gear, then the rollers and cage.



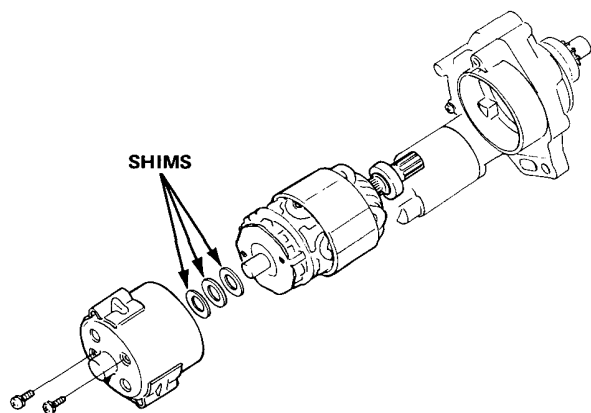
5. When you assemble the motor and solenoid, don't forget to install the felt seal (ND) or shims (MITSUBA).

NIPPONDENSO (1.0 kw):



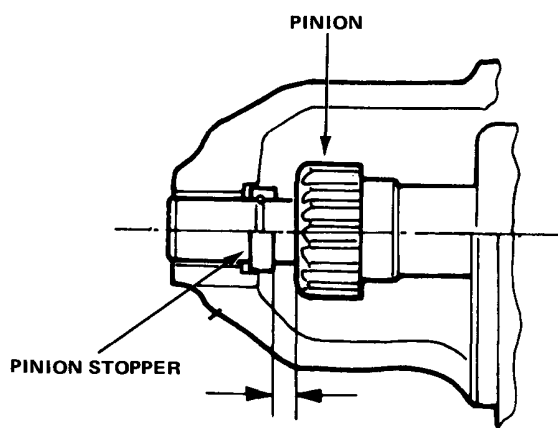


mitsuba (1.0 kw):



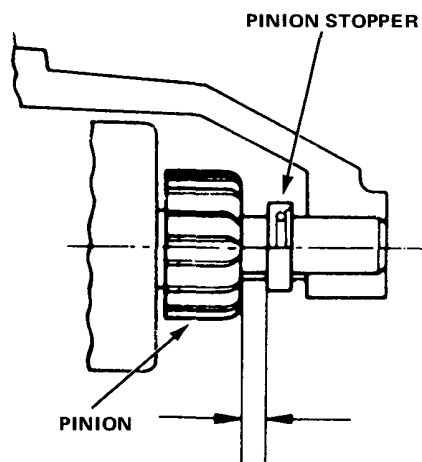
6. After assembling, measure clearance between pinion stopper and pinion with clutch pushed out by starter solenoid.

NIPPONDENSO (0.8 kw):



Specified Clearance: 0.1–4.0 mm (0.004–0.157 in.)

HITACHI (0.8 kw):



Specified Clearance: 0.3–2.5 mm (0.012–0.098 in.)

If out of specification, adjust by changing washer thickness.

