



Instructions for Removal of Rotor and Stator

1. Loosen the two setscrews on the resolver rotor that hold it to the motor shaft. The Stator part of the resolver can be left in place.
2. Put on the puller with the machined slot toward the outside and tighten ALL the setscrews on the puller onto the metal ring of the rotor hub.
3. Use a three-jaw puller to pull the rotor. This can be obtained from any auto parts store if you don't have one.

4. An alternate method that *MAY* work is two large screwdrivers or levers applied 180 degrees from each other, levering the rotor off using the motor end bell as the fulcrum. What ever is used must fit into the machined slot. The advantage of leaving the stator in place is that possible accidental damage to the very fine wire windings on the resolver is prevented when the stator is in place since the windings are not visible.
5. If the rotor will not move, it may be corroded in place. Lightly spray some fine oil around the shaft fit and lightly tap the surface of the rotor facing you (so as to move the rotor further into the motor. Don't move it far, but just enough to break the bond of the corrosion. This may help in the removal in bad cases.
6. If it appears necessary to remove the stator, this can be done, since either part can be removed independently (by removing the two hold-down screws). Just be *VERY* careful of the windings both on the rotor and the stator.