

# Service Instructions for TENV/IP54 (Small Frame) Super-Mod® Parts Kits (Rev. A)

## Important

Please read these instructions carefully before installing, operating, or servicing your Stearns clutch, brake or clutch-brake. Failure to comply with these instructions could cause injury to personnel and/or damage to property if the unit is installed or operated incorrectly. For definition of limited warranty/liability, contact Rexnord Industries, Inc., Stearns Division, 5150 S. International Dr., Cudahy, Wisconsin 53110, (414) 272-1100.

OEM's and subsystem suppliers, please forward these instructions with your components to the final user.

## Caution

1. Servicing shall be in compliance with applicable local safety codes including Occupational Safety and Health Act (OSHA). All wiring and electrical connections must comply with the National Electric Code (NEC) and local electric codes in effect.
2. To prevent an electrical hazard, disconnect power source before working on the clutch, brake or clutch-brake. If power disconnect point is out of sight, lock disconnect in the *off* position and tag to prevent accidental application of power.
3. Be careful when touching the exterior of an operating unit. Allow sufficient time to cool before disassembly. Surface may be hot enough to be painful or cause injury.

## General Instructions

1. With power *off* remove conduit box cover, disconnect power leads from coil lead wires and remove conduit connection from conduit box.
2. Remove access plug from side of Super-Mod and loosen two set screws in drive hub.
3. Remove four tie bolts and remove Super-Mod from drive source.

## Clutch Assembly Kit

**Note 1:** Follow Steps 1 through 3 under *General Instructions* before proceeding.

1. Remove two machine screws from face plate of clutch assembly and slide assembly forward off the housing.
2. Remove wiring insulator plate from inside housing.
3. Feed lead wires from new clutch assembly through the access hole in housing and up into the conduit box.
4. Reinsert wiring insulator plate into housing.
5. Carefully align and insert new clutch assembly into housing while pulling excess lead wire into conduit box.

**Note 2:** Use care not to damage lead wires when reassembling unit.

6. With clutch assembly mounted flush against the housing, insert two flat head machine screws and tighten.
7. Follow installation instruction for your specific unit when reassembling unit to drive source.

## Conduit Box Kit

**Note:** Follow Step 1 under *General Instructions* before proceeding.

1. Remove two screws securing conduit box to Super-Mod housing and lift conduit box and gasket off the housing.
2. Position new conduit box and gasket using care not to pinch coil lead wires under conduit box. Insert two self-tapping screws and tighten conduit box to housing.
3. Reconnect power lead wires using wiring diagram provided.
4. Secure conduit box cover and gasket using four screws provided. Use care not to pinch lead wires between box and cover.