# Service Part 4966 Flex Link Replacement Instructions

## **ROUND DAMPER**

#### FLEX LINK REPLACEMENT INSTRUCTIONS (SEE FIGURE 1)

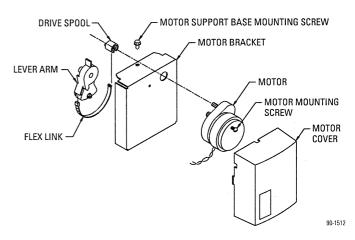
- 1. Remove plastic motor cover.
- 2. Remove screw(s) that attach motor to assembly.
- 3. Remove motor and let it hang by the power wires.
- 4. Remove the screw(s) that attach the motor bracket to the assembly.
- 5. Disconnect the Flex Link from the black drive spool and the lever arm. Use care to prevent the lever arm from disengaging from the metal shaft.
- 6. Install the small cog of the new Flex Link into the drive spool and the large cog into the lever arm.
- 7. Re-install the motor support base to the assembly and secure with the original screw(s).
- 8. Align the flat on the motor drive shaft with the flat in the drive spool and insert the shaft into the spool.
- 9. Rotate the motor as required to line up the motor mounting hole(s) with the support base and secure with the original screw(s).
- 10. Re-install the plastic motor cover.

# OLD RECTANGULAR DAMPER

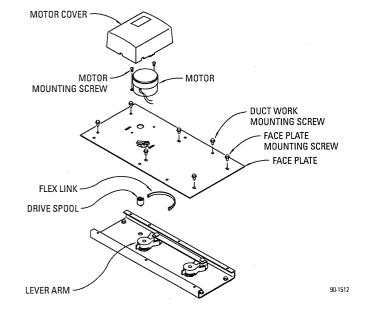
#### FLEX LINK REPLACEMENT INSTRUCTIONS (SEE FIGURE 2)

- 1. Remove plastic motor cover.
- 2. Remove screw(s) that attach motor to assembly with a Phillips screwdriver.
- 3. Remove motor and let it hang by the power wires.
- 4. Remove screws mounted to the duct work.
- 5. Remove the screw(s) that attach the face plate to the assembly.
- Disconnect the Flex Link from the black drive spool and the lever arm. Use care to prevent the lever arm from disengaging from the bearing.
- 7. Re-install drive spool into location hole in assembly.
- 8. Install the small cog of the new Flex Link into the drive spool and the large cog into the lever arm.
- 9. Re-install the face plate to the assembly and secure with the original screw(s).
- 10. Align the flats on the motor drive shaft with the flats in the drive spool and insert the shaft into the spool.
- 11. Rotate the motor as required to line up the motor mounting hole(s) with the face plate and secure with the original screw(s).
- 12. Re-install the plastic motor cover.

#### FIGURE 1 - Round Damper







# **NEW RECTANGULAR DAMPER**

#### FLEX LINK REPLACEMENT INSTRUCTIONS (SEE FIGURE 3)

- 1. Remove plastic motor cover and pull off open closed indicator.
- 2. Remove screws that attach motor to assembly and one screw next to motor with a Phillips screwdriver.
- 3. Remove motor and let it hang by the power wires.
- 4. Remove screws mounted to the duct work.
- 5. Remove the screws that attach the face plate to the assembly.
- Disconnect the Flex Link from the drive spool and the lever arm. Use care to prevent the lever arm from disengaging from the bearing.
- 7. Re-install drive spool into location hole in assembly.
- 8. Install the small cog of the new Flex Link into the drive spool and the large cog into the lever arm.
- 9. Re-install the face plate to the assembly and secure with the original screw(s).
- 10. Align the flats on the motor drive shaft with the flats in the drive spool and insert the shaft into the spool.
- 11. Rotate the motor as required to line up the motor mounting hole(s) with the face plate and secure with the original screw(s).
- 12. Re-install the plastic motor cover and open closed indicator.

## FIGURE 3 – New Rectangular Damper

