

210035 U-Bolt Coupling Kit FOR ML4195, ML6195, ML6295, ML7295, AND ML8195 SPRING RETURN DIRECT COUPLED ACTUATORS

INSTALLATION INSTRUCTIONS

APPLICATION

This shaft adapter will attach to a 1.06 in. (27 mm) diameter damper shaft. It is for use with ML4195, ML6195, ML6295, ML7295, and ML8195 Spring Return Direct Coupled Actuators (DCA). It can be used for coupling to slightly oversized 1 in. jackshafts.

INSTALLATION

When Installing this Product...

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings given in the instructions and on the product to make sure the product is suitable for your application.
3. Installer must be a trained, experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.

⚠ CAUTION

Electrical Shock or Equipment Damage Hazard.
Can shock individuals or short equipment circuitry.
Disconnect power supply before installation.

Tools Required

- 10 mm open-end or hex-socket wrench.

Remove Original Shaft Adapter

1. Ensure the actuator is in the fully closed position.
2. Note the existing shaft adapter position.
3. Remove and set aside the locking clip (see Fig. 1).
4. Remove and discard the shaft adapter.
5. Remove and set aside the position indicator.

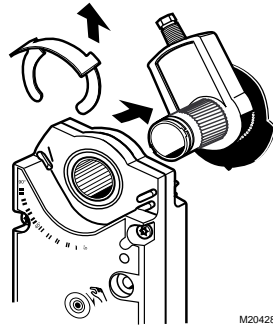


Fig. 1. Remove the locking clip and shaft adapter.

Measure shaft length

If the shaft is less than three inches in length, the shaft coupling must be located between the damper/valve and actuator housing (see Fig. 2). If the shaft length is more than three inches, the shaft coupling may be located on either side of the actuator housing (see Fig. 3).

Mounting U-Bolt Coupling

1. Keeping the alignment mark visible, insert the U-bolt coupling next to the mark.
2. Attach coupling with locking clip.
3. If the shaft coupling is not located between the actuator housing and damper/valve, simply attach the position indicator and skip to step 6.
4. If the shaft coupling is located between the actuator housing and damper/valve, the position indicator holder must be attached to the other side of the actuator. Slide the position indicator holder onto the shaft coupling near the retainer clip and rotate it until it snaps into place.
5. Place the position indicator on the holder.
6. Adjust the middle screw so that the shaft is in the center of the shaft adapter opening.



Mounting the Actuator

1. See actuator instructions (63-2537) for attaching the mounting bracket.

IMPORTANT

Keep the shaft centered in the shaft adapter opening.

2. Tighten the coupling hex screws (see Fig. 4) to 88 lb-in. (10 Nm).

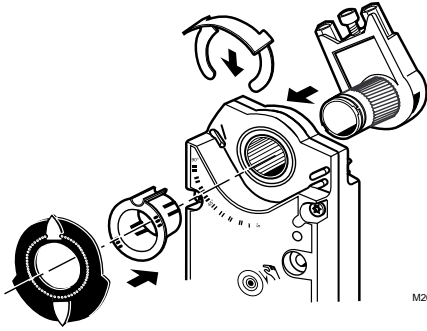


Fig. 2. Mounting shaft adapter between actuator housing and damper.

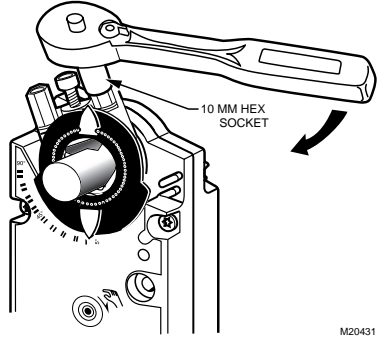


Fig. 4. Tighten the coupling hex screws.

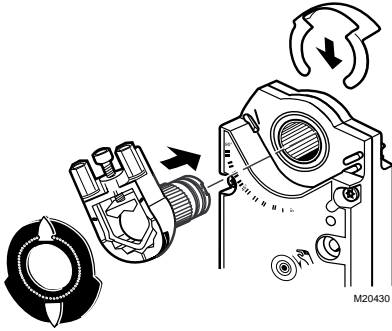


Fig. 3. Mounting shaft adapter away from damper.

Honeywell

Automation and Control Solutions

Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422

Honeywell Limited-Honeywell Limitée
35 Dynamic Drive
Scarborough, Ontario
M1V 4Z9

