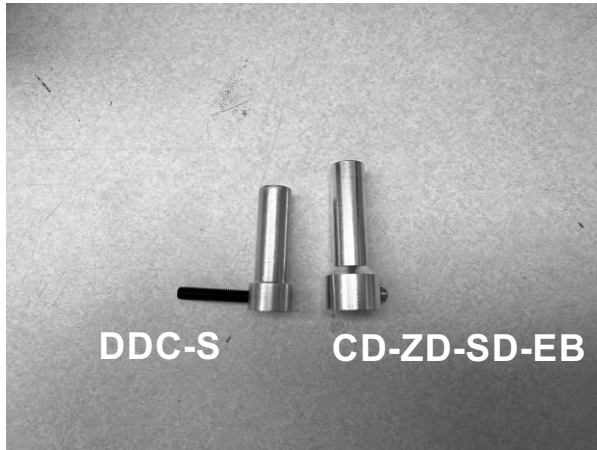


REPLACING A HD-MOTOR ON A ROUND D-XX ZONE DAMPER WITH THE HD-MOTOR-RR



1. Select the DDC-S 5/16" to 1/2" shaft adapter (left).



2. With the damper spring returned open (blade in open position), loosen the set screw on the actuator and minimum position collar. Remove actuator and collar.



3. Install the DDC-S 5/16" to 1/2" shaft adapter onto damper shaft. Align set screw with desired minimum position setpoint and tighten it down.

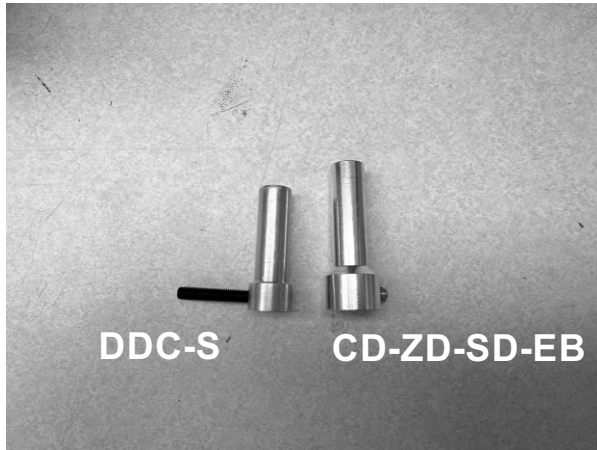


4. Align anti-rotation pin and install the HD-MOTOR-RR onto the damper shaft. With damper blade in open position, tighten down set screw.

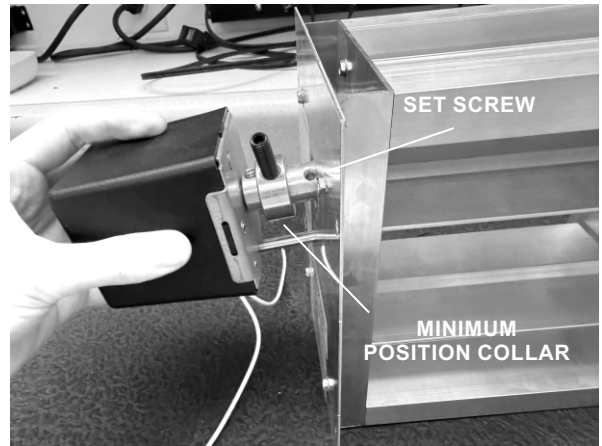
NOTE:

D-XX series dampers made after Jan 1, 2024 have a 1/2" round shaft, and do not need the DDC-S shaft adapter. The HD-MOTOR-RR can be installed directly in place of the old motor in this case.

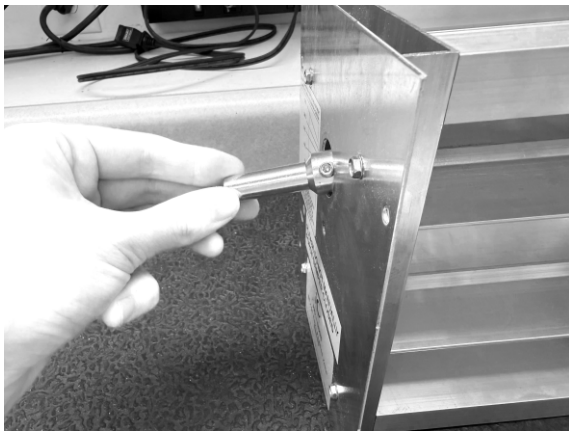
REPLACING A HD-MOTOR ON A RECTANGULAR HD-XXXX ZONE DAMPER WITH THE HD-MOTOR-RR



1. Select the CD-ZD-SD-EB 3/8" square to 1/2" round shaft adapter (right).



2. With the damper in the spring return open position, loosen the set screw for the shaft adapter. Remove actuator assembly. Set aside minimum position collar.



3. Install the CD-ZD-SD-EB shaft adapter and tighten down set screw.



4. Install minimum position collar onto the damper shaft. Tighten down set screw in desired position.



5. Align anti-rotation pin and install the HD-MOTOR-RR onto the damper shaft. With damper blade in open position, tighten down set screw.

NOTE:

HD-XXXX series dampers made after Jan 1, 2024 come with the CD-ZD-SD-EB shaft adapter already installed. The HD-MOTOR-RR can be installed directly in place of the old motor in this case.