

AGA93.7

Product Description

AGA93.7 is a bracket kit for mounting any VKG... butterfly valve to a Rotex ECv2-40... actuator.

Components Supplied

Figure 1 shows the components supplied with the AGA93.7 bracket kit:

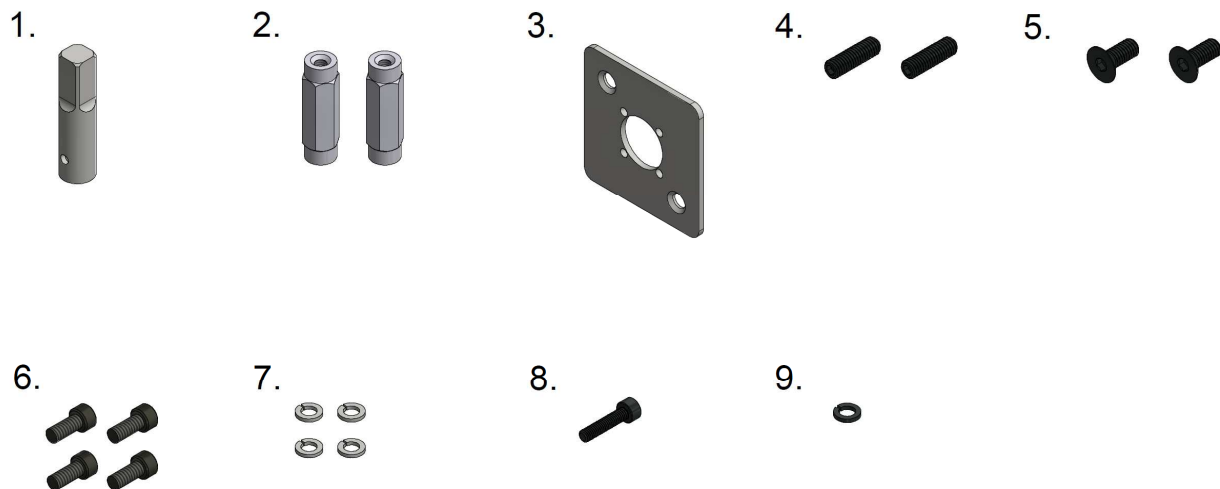


Figure 1: Pieces Supplied with the AGA93.7 Bracket Kit

- | | |
|--|--|
| 1. Coupling | 6. (4) #10-24 x 7/16" socket head cap screws |
| 2. (2) hex standoffs | 7. (4) #10 split lock washers |
| 3. Mounting bracket | 8. M4 x 18mm socket head screw |
| 4. (2) M6 x 22mm socket set screws | 9. M4 split lock washer |
| 5. (2) M6 x 14mm flat socket head screws | |

Recommended Installation Tools

The following tools are recommended for installing the AGA93.7 bracket kit:

- 5/32" hex key
- 3mm hex key
- 4mm hex key
- 1/2" open end wrench (or crescent wrench)
- Red Loctite
- Purple Loctite

Installation Procedure

1. Slide the coupling over the VKG... valve shaft and line up the hole in the coupling with the threaded hole in the valve shaft. Using a 3mm hex key, the M4 split lock washer, and the M4 x 18mm socket cap screw, fasten the coupling to the valve shaft as shown in Figure 2 below.

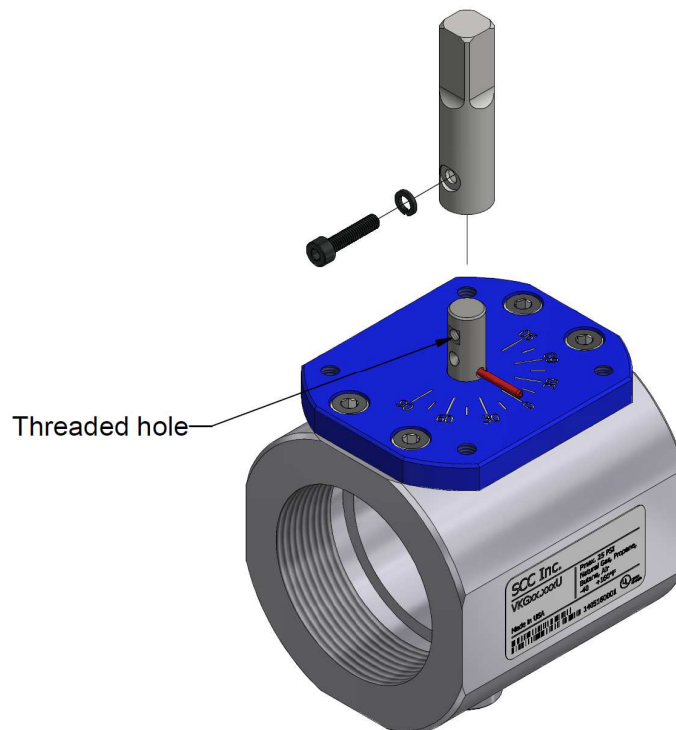


Figure 2: Coupling Installation

2. Place a small amount of red Loctite on the end of each of the (2) M6 x 22mm socket set screws. Using a 3mm hex key, fasten each socket set screw into one end of a hex standoff until the screw bottoms out. By hand, thread the standoffs into a pair of opposite M6 threaded holes on the top of the blue dial of the VKG... valve as shown in Figure 3. Using the 1/2" open end wrench (or crescent wrench), tighten each standoff against the dial.

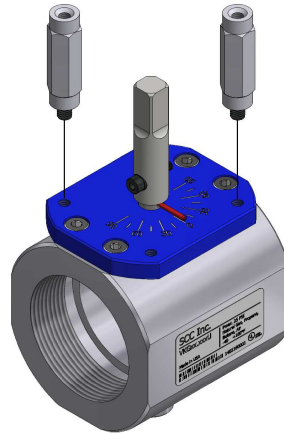


Figure 3: Standoff Installation

3. Place a small amount of purple Loctite on the end of each of the (2) M6 x 14mm flat socket head screws. Using a 4mm hex key, fasten the mounting bracket to the top of the standoffs as shown in Figure 4 below.

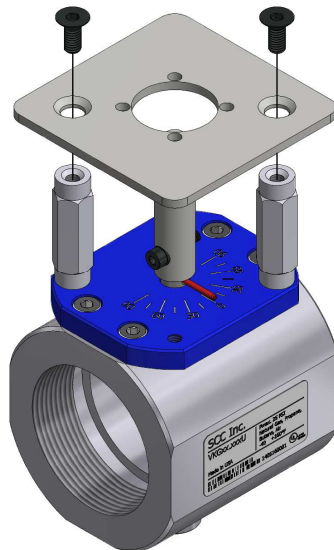


Figure 4: Mounting Bracket Installation

- Place the ECv2-40 actuator onto the mounting bracket so that the square part of the coupling slides into the square bore of the actuator. Using the 5/32" hex key, the (4) #10 split lock washers, and the (4) #10-24 x 7/16" socket head cap screws, secure the actuator to the mounting bracket as shown in Figure 5.



Figure 5: Actuator Installation

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