

## BR-LE-GAS-10MMD

---

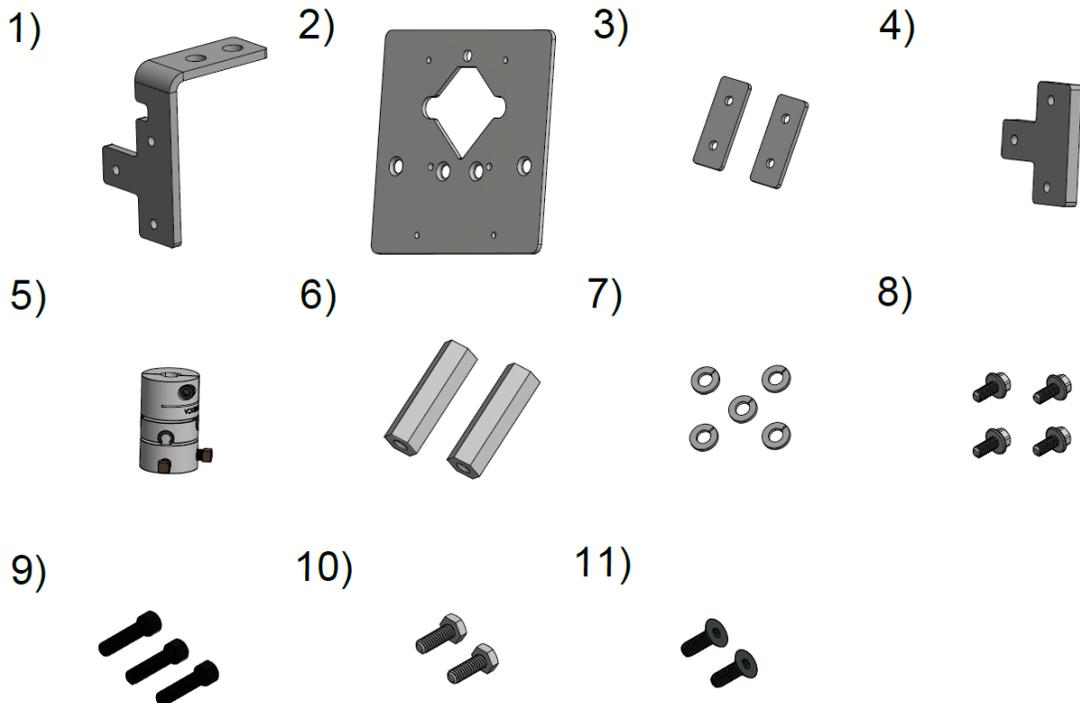
### Product Description

A BR-LE-GAS-10MMD bracket and coupling kit reliably mounts a Siemens SQM33/41/45... actuator to the gas control valve of an OVENPAK® LE burner sizes 5-25.

---

### Components Supplied

Figure 1 shows the components supplied with a BR-LE-GAS-10MMD bracket kit:



**Figure 1: Pieces Supplied with a BR-LE-GAS-10MMD Bracket Kit**

- |                        |  |
|------------------------|--|
| 1. Mounting Bracket    | 7. (5) 1/4" Lock Washers                       |
| 2. Actuator Bracket    | 8. (4) M5 x 12mm Thread-Forming Screws         |
| 3. (2) Bracket Spacers | 9. (3) 1/4"-20 x 1" Socket Head Screws         |
| 4. Mounting Spacer     | 10. (2) 1/4"-20 x 1" Hex Head Screws           |
| 5. Coupling            | 11. (2) 1/4"-20 x 3/4" Flat Socket Head Screws |
| 6. (2) Standoffs       |  |

---

## Recommended Installation Tools

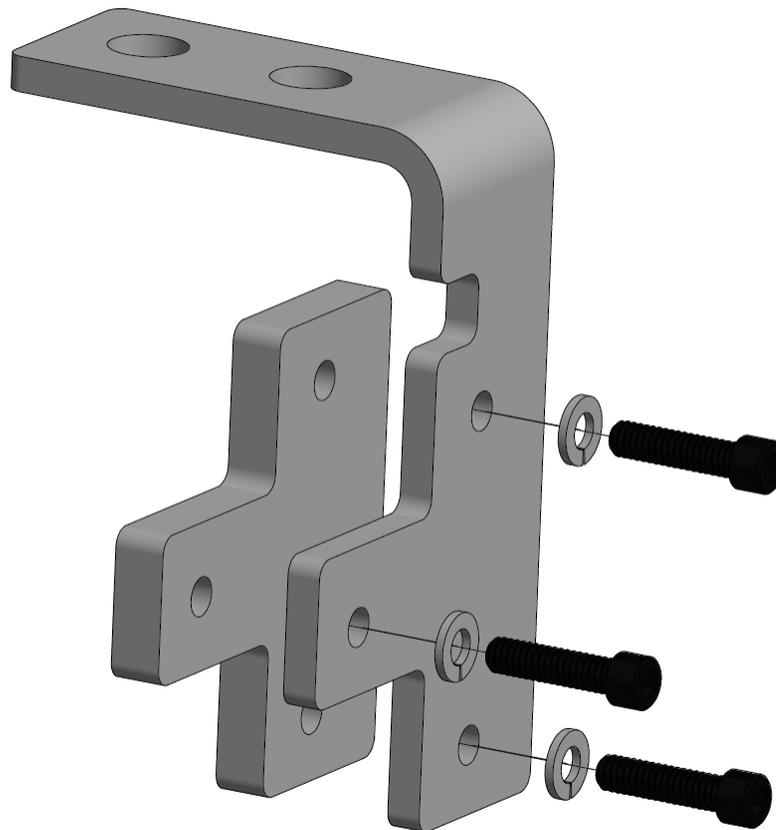
The following tools are recommended for installing a BR-LE-GAS-10MMD bracket kit:

- 5/32" hex key
- Crescent wrench
- 8mm socket with ratchet and extension

---

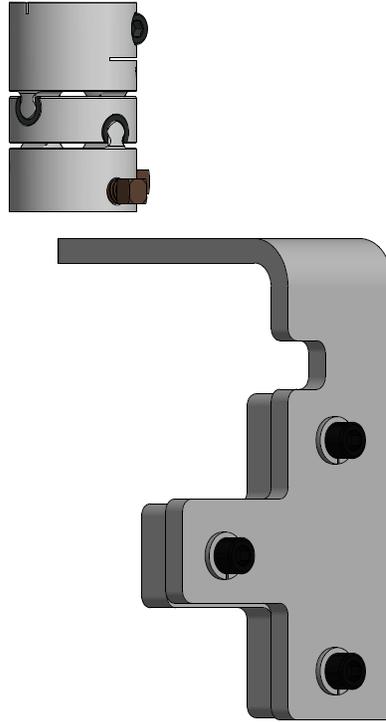
## Installation Procedure

1. Fasten the mounting bracket to the burner using the 5/32" hex key, the mounting spacer, the (3) 1/4"-20 x 1" socket head screws, and (3) 1/4" lock washers.



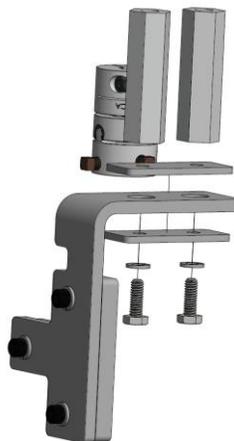
**Figure 2: Mounting Bracket to Burner**

- Slide the coupling over the exposed valve shaft. Do not tighten the coupling at this time.



**Figure 3: Coupling Installation**

- Use the (2)  $\frac{1}{4}$ "-20 x 1" hex head screws, (2)  $\frac{1}{4}$ " lock washers, and (2) bracket spacers to attach the (2) standoffs to the mounting bracket. The holes in the mounting bracket are designed to allow the actuator to move somewhat to properly align the actuator shaft with the valve shaft. During this step only tighten the hex head screws so they are finger tight.



**Figure 4: Attaching Standoffs**

4. Fasten the actuator bracket to the standoffs using the (2)  $\frac{1}{4}$ "-20 x  $\frac{3}{4}$ " flat socket head screws and a  $\frac{5}{32}$ " hex key.



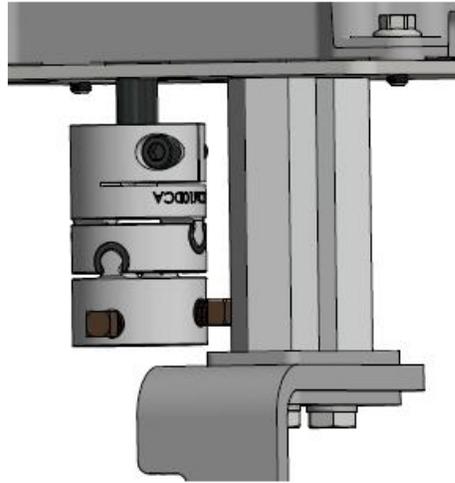
**Figure 5: Attach Actuator Bracket**

5. Fasten the actuator to the mounting bracket using the 8mm socket with ratchet and extension and the (4) M5 x 12mm thread-forming screws. For SQM33... and SQM45... actuators, the actuators will need to be programmed for a clockwise rotation.



**Figure 6: Mount Actuator**

- Adjust the coupling vertically to ensure proper shaft engagement on the actuator and valve shaft. Using the 5/32" hex key, tighten the clamp screw of the coupling. Using a crescent wrench, tighten the set screws onto the valve shaft. Then using the crescent wrench tighten the hex head screws connected to the standoffs.



**Figure 7: Tighten Clamp Screw and Set Screws**

Information in this publication is based on current specifications. The company reserves the right to make changes in specifications and models as design improvements are introduced. Product or company names mentioned herein may be the trademarks of their respective owners. © 2021 SCC Inc.