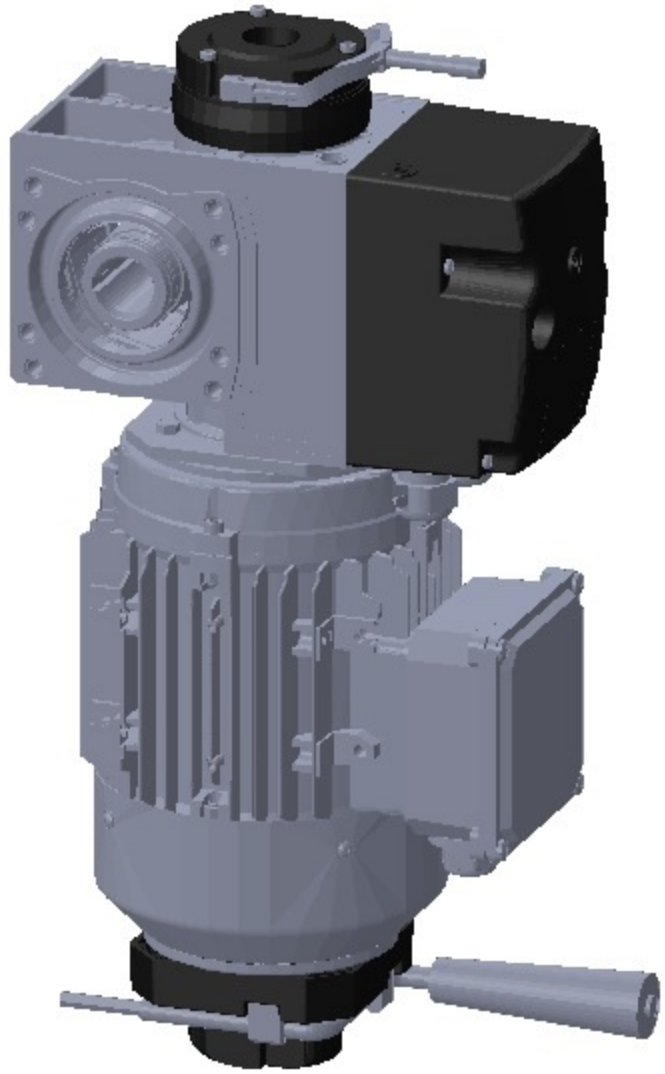
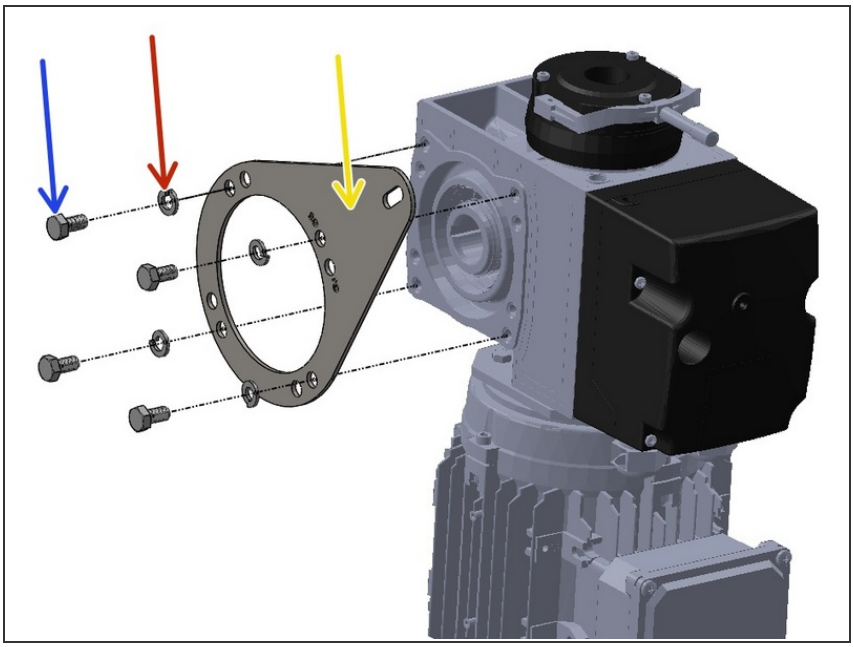
Manaras Direct-Drive Motor Installation

This Guide will walk you through how to Install the Manaras Direct-Drive Motor onto both G1 (Model 2000) and G2 (Wash Guard Plus) Platform doors.

Written By: Trent Borgardt

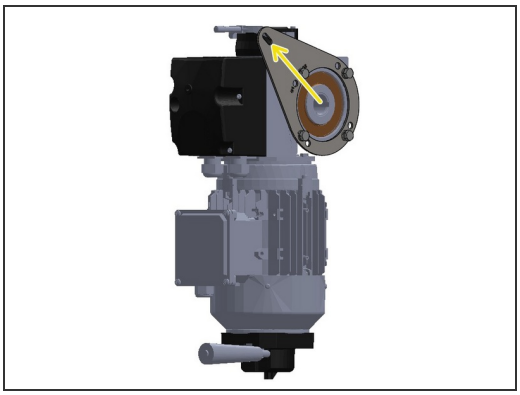


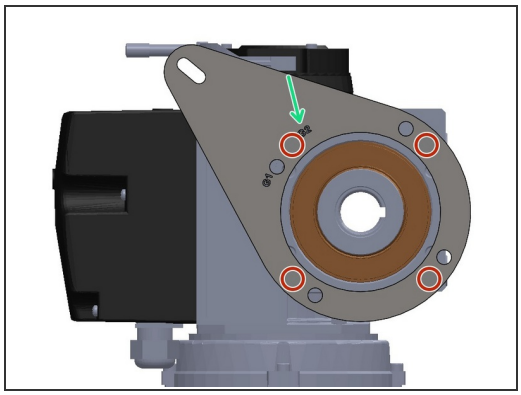
Step 1 — Components for Installing Mount Bracket to Motor

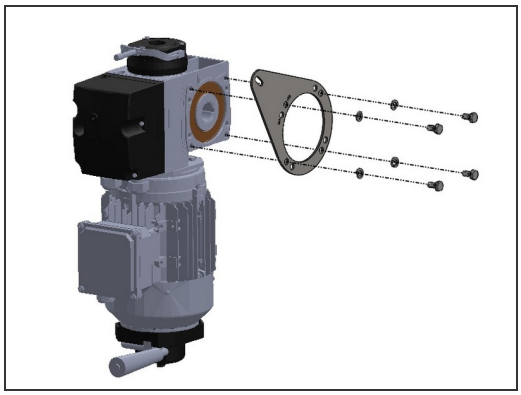


- (4) M8-1.25 x 16mm Hex Bolts
- (4) 5/16 Split-Lock Washers
- (1) Motor Mount Anti-Torque Bracket

Step 2 — Mounting Bracket onto Motor - LH Drive, G2 Door

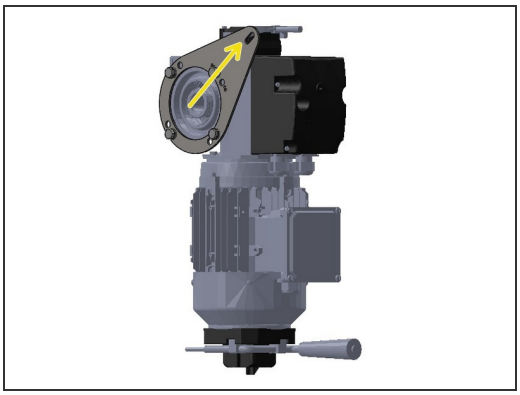


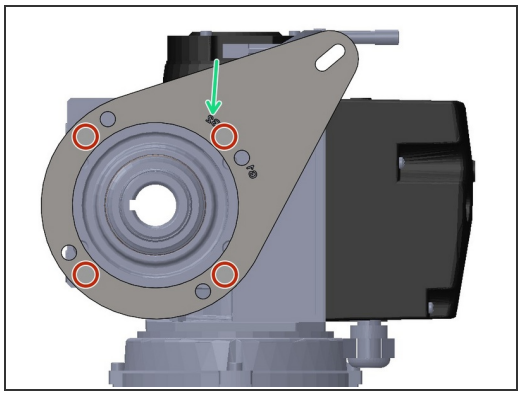


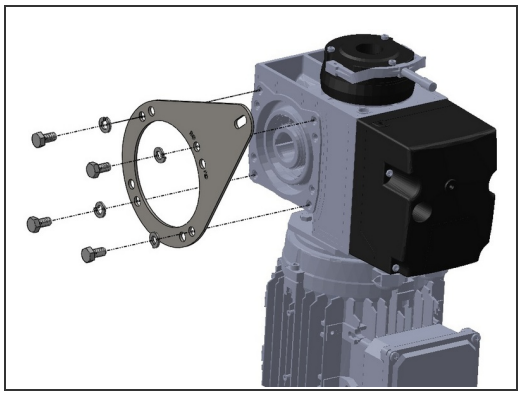


- Note the Orientation of the Bracket in Relation to the Motor.
- The Bracket has 2 Hole-Patterns Corresponding to G1 and G2 Doors. This ensures the proper Alignment when Installing the Motor Assembly onto a G1 or G2 Door.
- For a G2 or Wash Guard Plus Door, Use the G2 Hole Pattern, and for a G1 or Model 2000 Door, use the G1 Hole Pattern.
- On a LH Drive, G2 Door, the Letters will Read Normally/Forward when the Bracket is Mounted onto the Motor.
- Place the Bracket up on the Motor with the proper Hole Alignment.
- Place the Lock Washer onto the Screw and Fasten the Bracket onto the Motor.

Step 3 — Mounting Bracket onto Motor - RH Drive, G2 Door

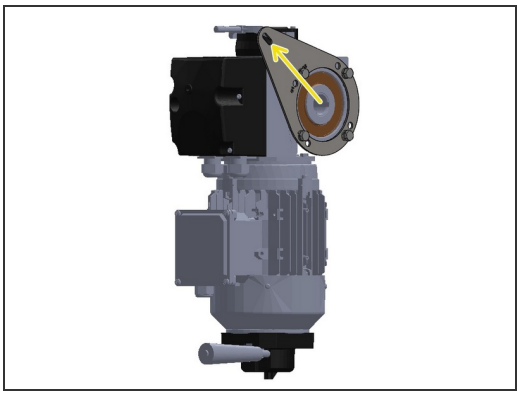


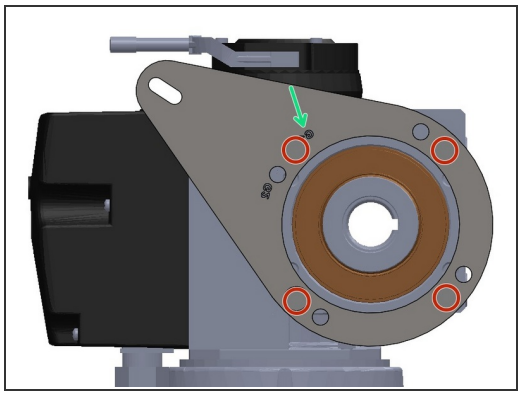


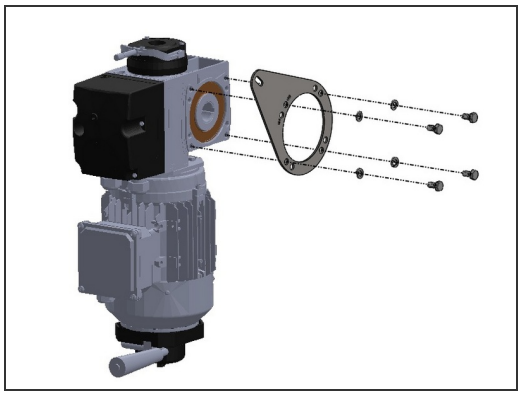


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- For a G2 or Wash Guard Plus Door, Use the G2 Hole Pattern, and for a G1 or Model 2000 Door, use the G1 Hole Pattern.
- On a RH Drive G2 Door, the Letters will Read Backwards when the Bracket is Mounted onto the Motor.
- Place the Bracket up on the Motor with the proper Hole Alignment.
- Place the Lock Washer onto the Screw and Fasten the Bracket onto the Motor.

Step 4 — Mounting Bracket onto Motor - LH Drive, G1 Door

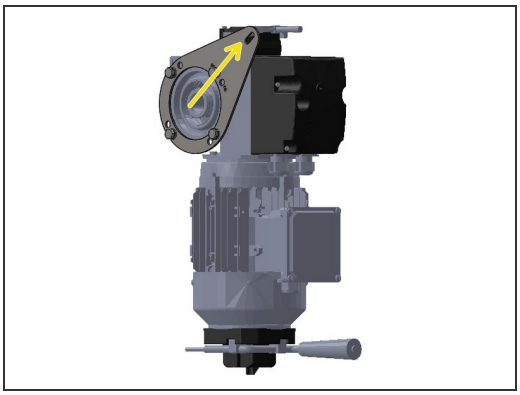


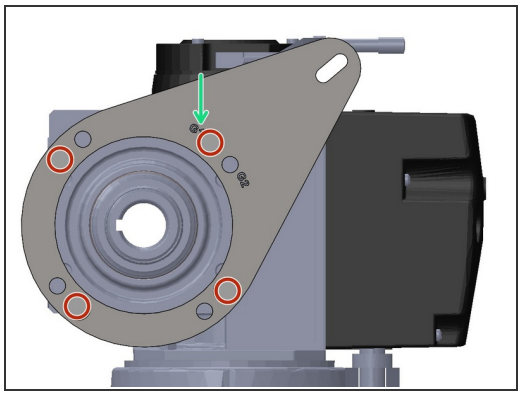


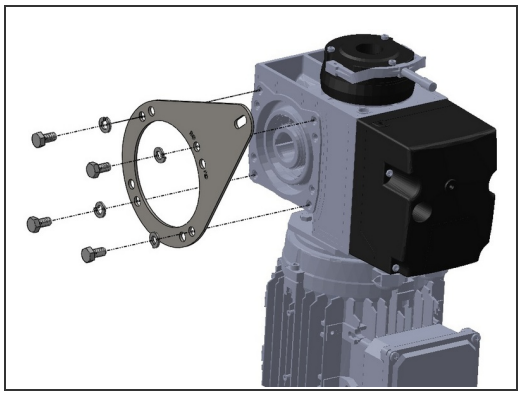


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- For a G2 or Wash Guard Plus Door, Use the G2 Hole Pattern, and for a G1 or Model 2000 Door, use the G1 Hole Pattern.
- On a LH Drive G1 Door, the Letters will Read Backwards when the Bracket is Mounted onto the Motor.
- Place the Bracket up on the Motor with the proper Hole Alignment.
- Place the Lock Washer onto the Screw and Fasten the Bracket onto the Motor.

Step 5 — Mounting Bracket onto Motor - RH Drive, G1 Door

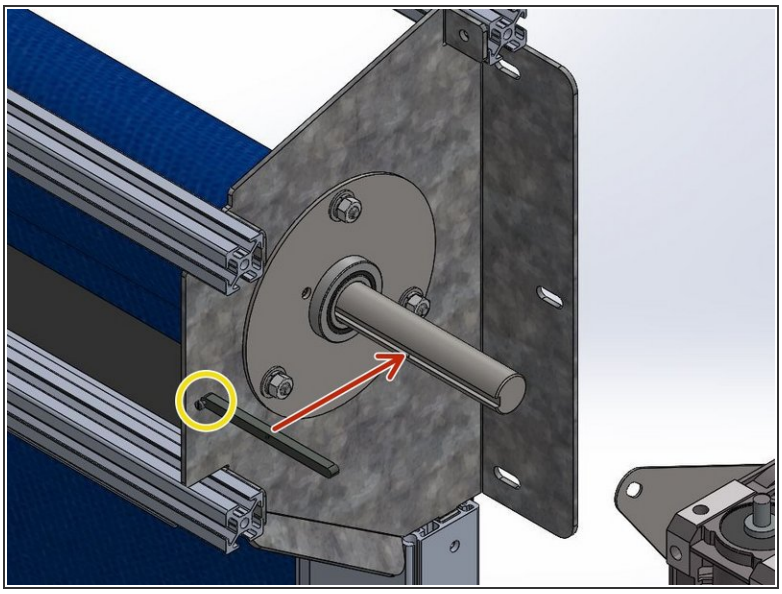


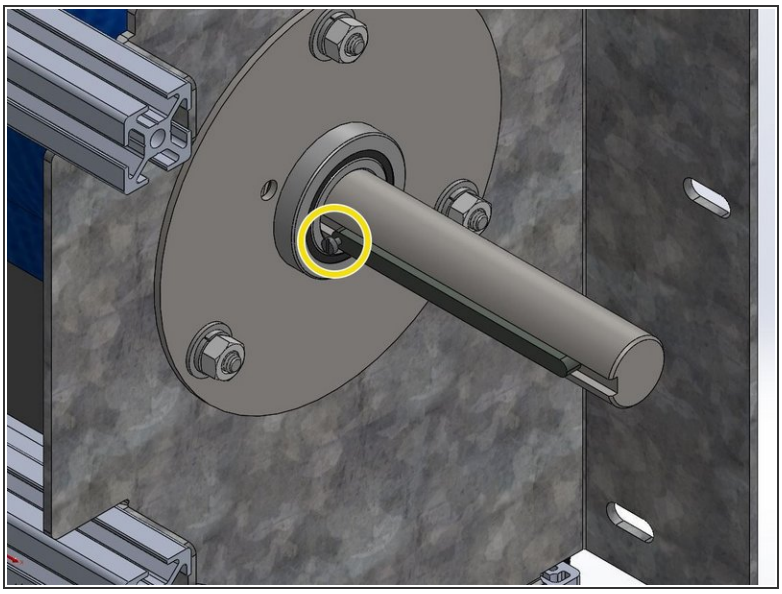




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- On a RH Drive G1 Door, the Letters will Read Normally/Forward when the Bracket is Mounted onto the Motor.
- Place the Bracket up on the Motor with the proper Hole Alignment.
- Place the Lock Washer onto the Screw and Fasten the Bracket onto the Motor.

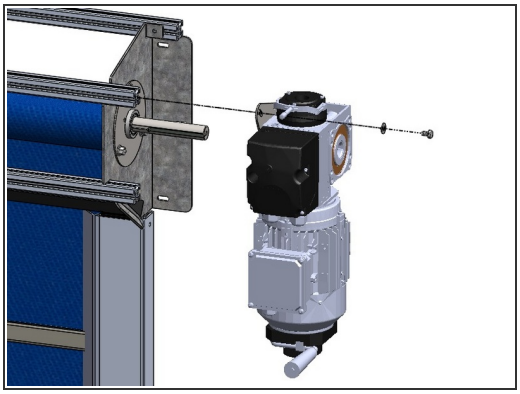
Step 6 — Installing the Machine Key

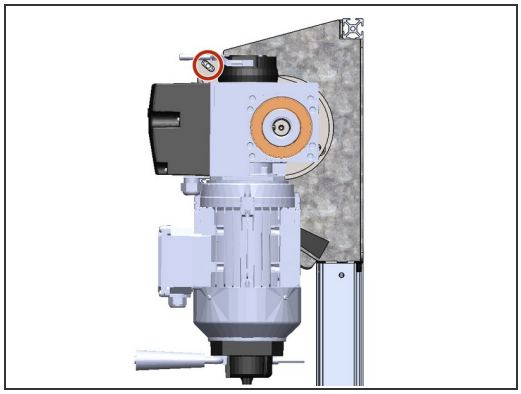


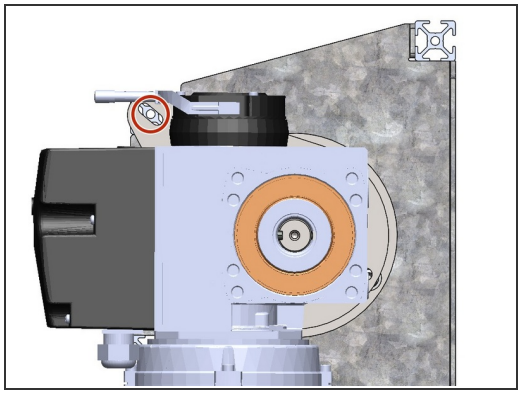


- Install the Machine Key onto the Drive Shaft with the Set Screw Oriented Towards the Header (Between Motor and Door).

Step 7 — Installing the Motor on the Shaft







- Slide the Motor onto the Shaft and Key.
- Tilt the Motor to Align the Hole in the Motor Mount Bracket with the Hole on the end of the Upper, Front Rail.
- This should result in the Motor being oriented Vertically and Plumb (See Image 2).

⚠ Place the 5/16 Flat Washer onto the 5/16-18 x 1/2in Hex Bolt and Fasten the Motor to the Door with a Ratchet or Impact Driver.

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