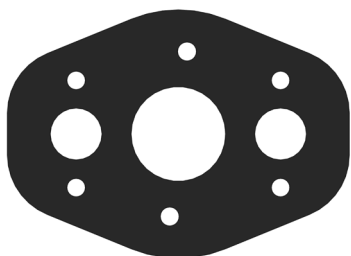
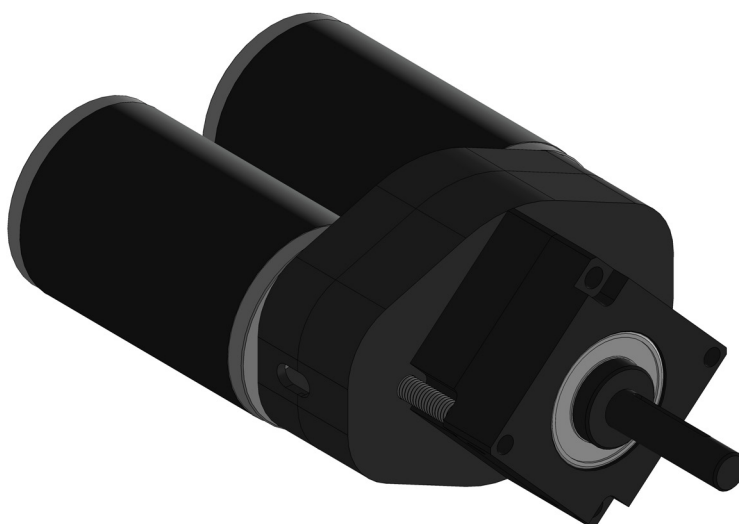


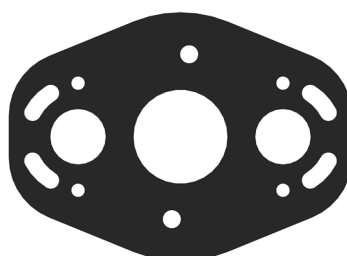
VEXpro VersaPlanetary

Dual Input

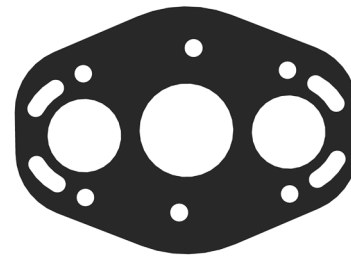
Assembly Instructions



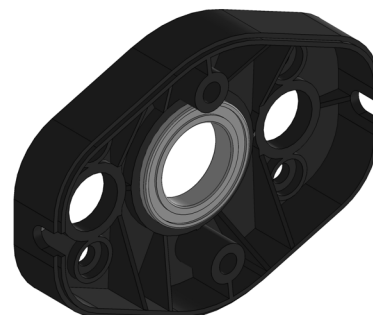
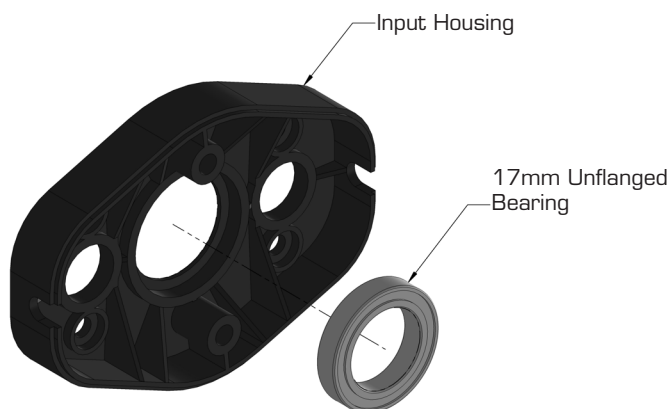
BAG Motor Input Housing



RS-550 Motor Input Housing

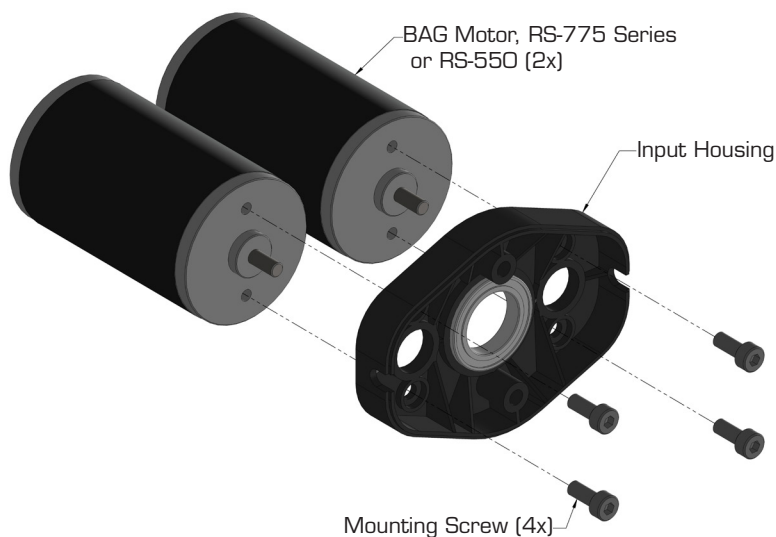


RS-775 Series
Motor Input Housing



Step 1:

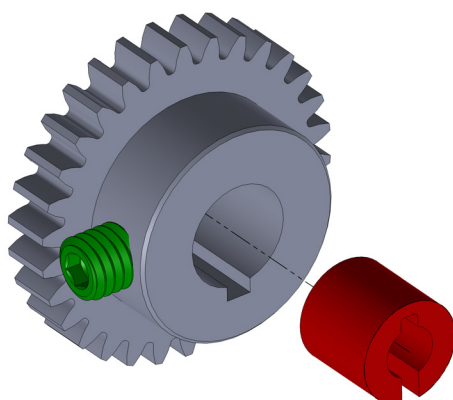
Select the appropriate input housing for your motors. Then insert a 17mm unflanged bearing into the housing as shown.






Step 2:

Mount each motor with the appropriate mounting screws.

Motor	Screws
BAG Motor	M4 x 10mm
RS-550	M3 x 8mm
RS-775	M4 x 10mm



-  BAG Motor Collar (1x)
-  RS-550 Motor Collar (1x)
-  RS-775 Series Motor Collar (1x)

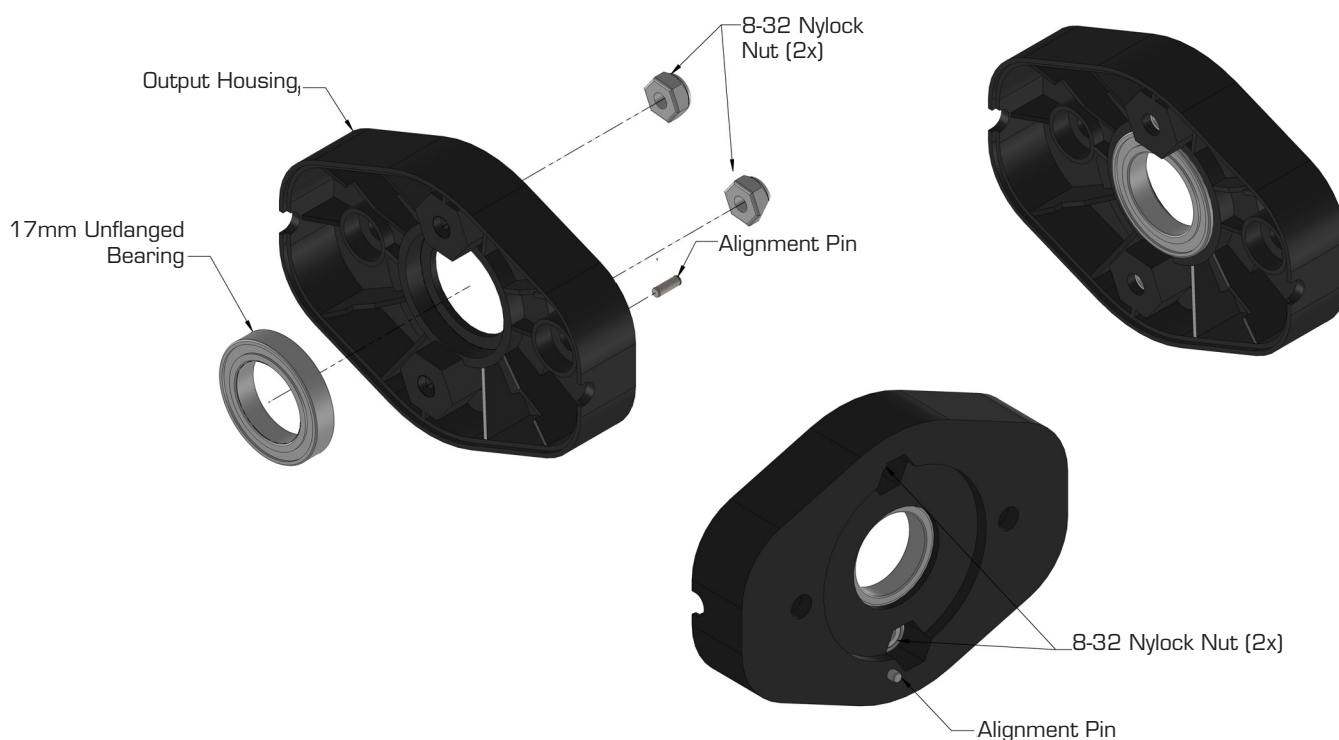
Step 3:

Insert the appropriate clamping collar into the input coupler as shown. Take note of the orientation of the collar (highlighted red). The "split" in the collar should align with the notch in the input coupler as shown.



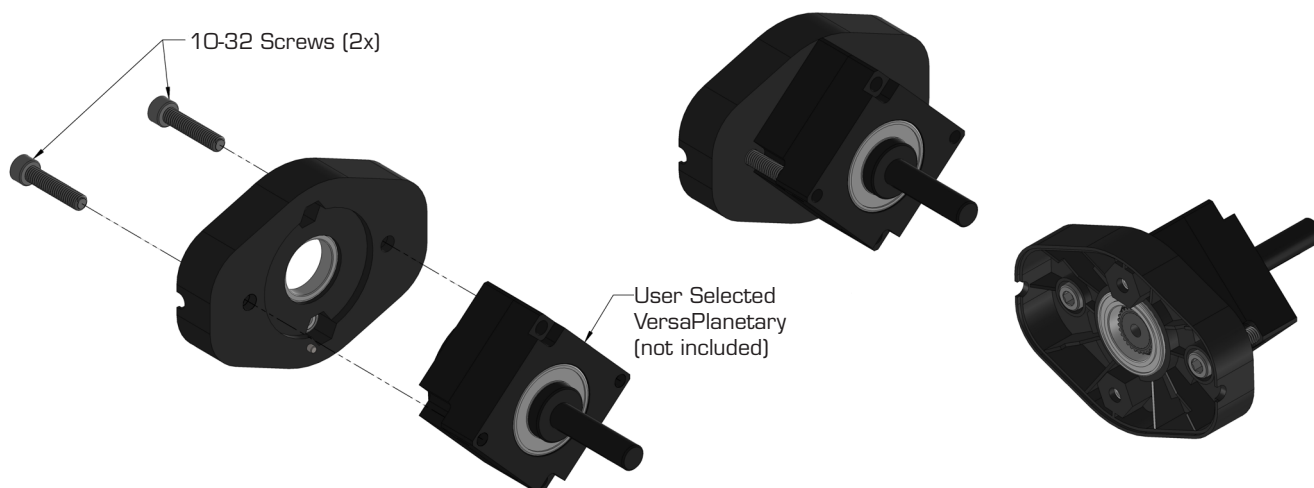
Step 4:

Slide the input coupler over the motor output shaft until gear cannot slide further. Take care to align the set screw (highlighted green) with the clearance hole before tightening. Repeat for both motors.



Step 5:

Press the alignment pin into the Output Housing. Insert the 17mm unflanged bearing and (2X) 8-32 Nylock nuts as shown.



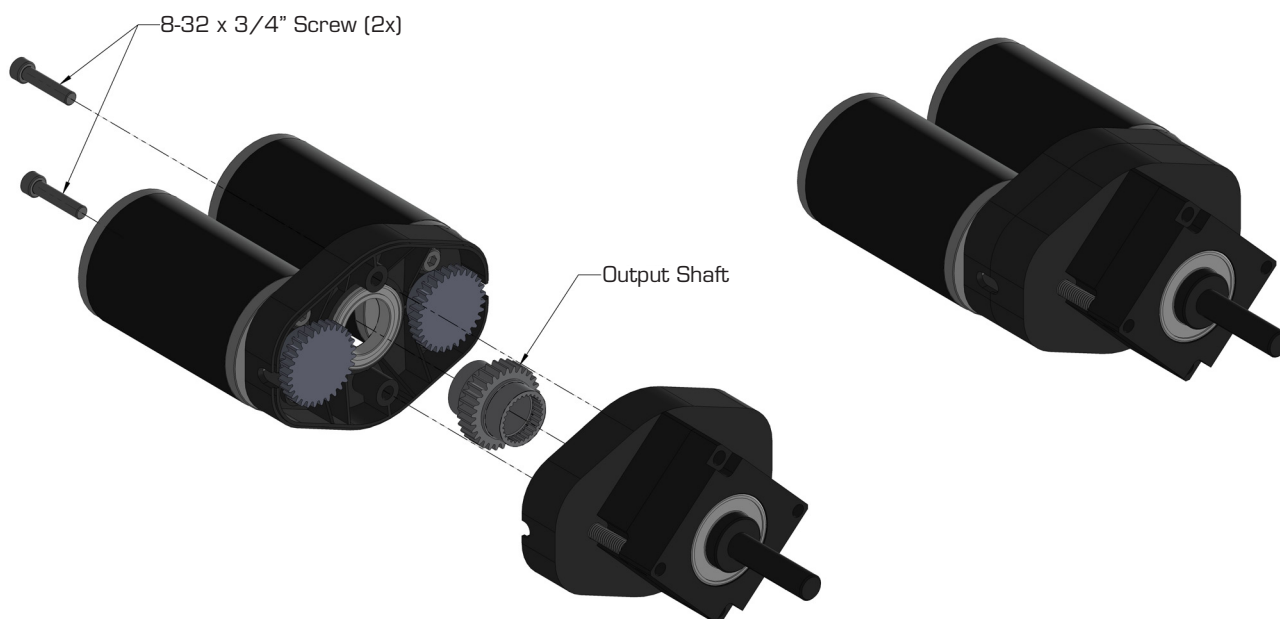
Step 6:

Assemble and attach the user selected VersaPlanetary (not included) using (2x) 10-32 screws of a length appropriate for your VersaPlanetary.

Number of Stages	Screw
Output Only	10-32 x 3/8"
1	10-32 x 7/8"
2	10-32 x 1-3/8"
3	10-32 x 1-7/8"

Note: The Dual Input replaces the input slice of the VersaPlanetary. Use of Loctite is recommended with all screws. Ensure your VersaPlanetary spins freely before installation.

VEXpro VersaPlanetary Gearboxes are not designed for use without grease. Users should add a coating of white lithium grease on all gears before use.



Step 7:

Insert the output shaft. **At this point, a liberal application of white lithium grease is required on all gears.** Connect the input and output housings using (2X) 8-32 x 3/4" screws and the (2X) 8/32 Nylock nuts inserted in Step 5. Use of Loctite is not recommended with Nylock nuts.