

Use this kit to replace the gearbox on a vDrive motor.

Step 1

On the existing vDrive motor, remove the 4 screws from the black vDrive Module (VDM) and then remove the VDM from the gearbox. You will re-use this VDM on the new gearbox. See figure 1 at right.

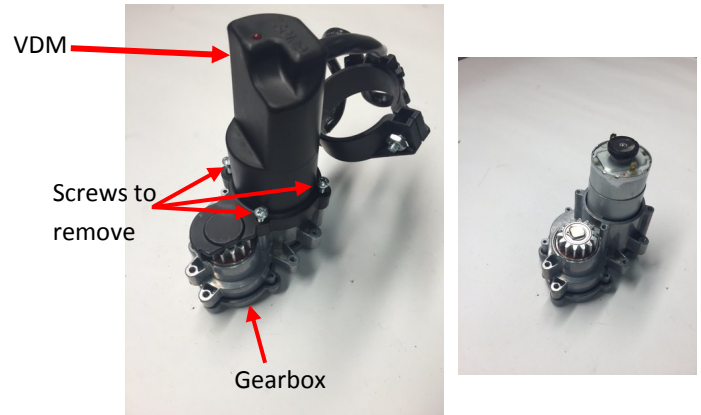


Figure 1

Step 2

On the new vDrive gearbox, remove the O-ring that is located around the black motor cover on the gearbox. Next, remove the 4 screws and discard the black cover on the gearbox.

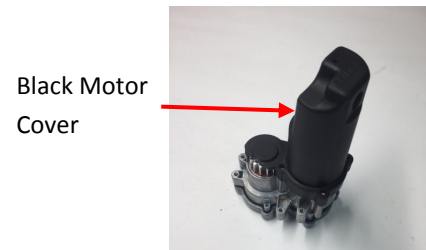


Figure 2

Step 3

Remove the O-ring from the VDM and clean out any dirt that may cause interference with the new O-ring. Install the new O-ring included in the vDrive service kit.



Figure 3

Step 4

Install the VDM with the new O-ring onto the new gearbox. Tighten the four screws down in a star-like pattern ensuring an even seal. Do not over torque the screws when tightening.

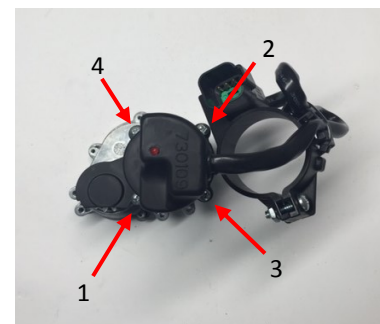


Figure 4

Note: Do not force the VDM onto the gearbox. This could bend the motor terminals causing poor connection.