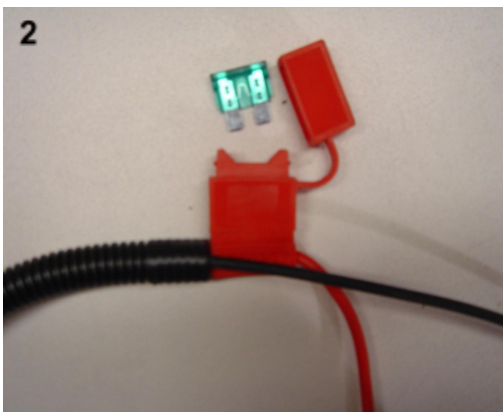


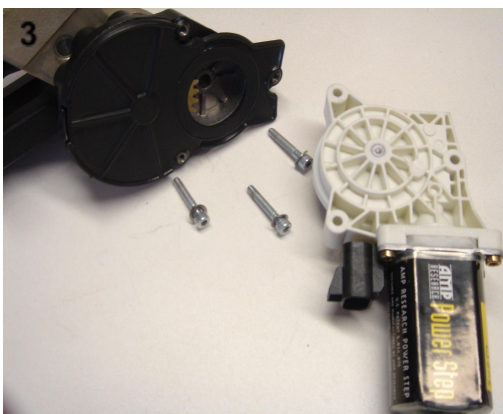
Subject: Replacement of clutch-gear assembly or drive shaft



Open door to deploy step and place foot on board. At the same time with foot holding pressure downward on board close door. This will keep step in deployed position.



Remove fuse from the AMP wire harness. Fuse is located 6-8 inches from positive battery terminal.



Unplug motor and remove (3) socket cap screws with motor shown or (2) bolts with inline Bosch motor and remove entire motor/gear box assembly from linkage.

4

Unscrew 1/4-20x7/8" Socket head or Hex cap screw located at the top of the **rear** linkage arm 3 to 4 turns and strike head of bolt with a hammer lightly to push wedge loose of linkage. The *front* linkage arm has the AMP Research logo attached.
Remove bolt.

5

Remove aluminum wedge.
Make note of the threaded hole orientation.
Threaded hole **is not** in the center of the wedge.
Flat side of wedge faces ground.



Slide out **clutch-gear assembly shown** if using (3) bolt motor or remove the **Drive shaft** if using a (2) bolt inline motor.



Install New Clutch-Gear assembly or Drive shaft thru bushings in the upper mount.
Do Not grease shaft, silicone spray may be used as a lubricant for shaft and for step linkage pivot points.

8

Slide in wedge through the back of the linkage aligning it with milled

9

Use **only medium strength** thread locker on threads and replace ¼ -20 X 7/8" Socket Cap Screw or Hex Head bolt into wedge to hold in place and torque to **12 ft. lbs. max.**



Move board by hand so motor/gear box assembly drive gear will engage with shaft and bolt holes will align. Install motor/gearbox bolts and torque (3) bolts to 3 ft. lbs or (2) bolts to 8 ft. lbs. **DO NOT** over torque. Install motor power plug and reinstall fuse that was removed in step2.