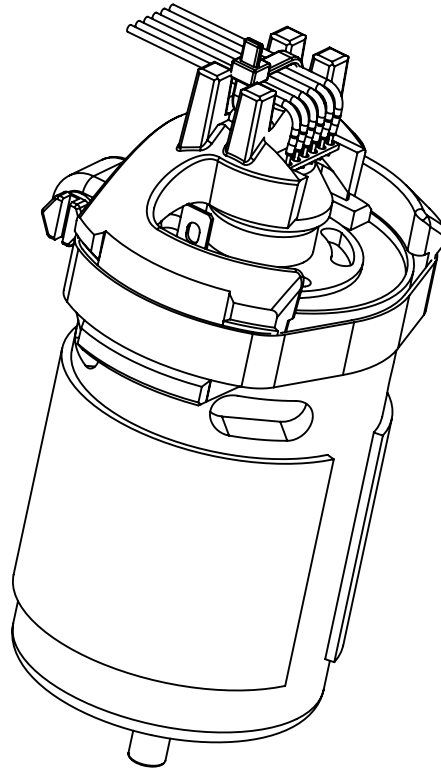
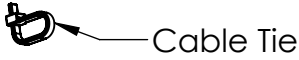


ARMABOT

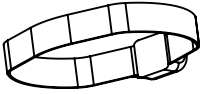
RS7 Encoder, P/N A0031, RevA Installation Instructions



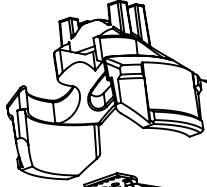
RS7 Encoder kit includes:



Cable Tie



Worm-Drive Clamp



Encoder Housing



Encoder Board



Mounting Screw



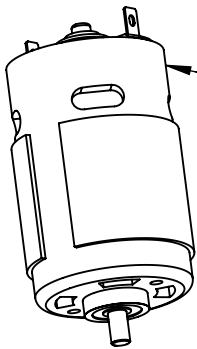
Encoder Magnet



Magnet Housing



Press Nut



775pro motor
(not included)

1

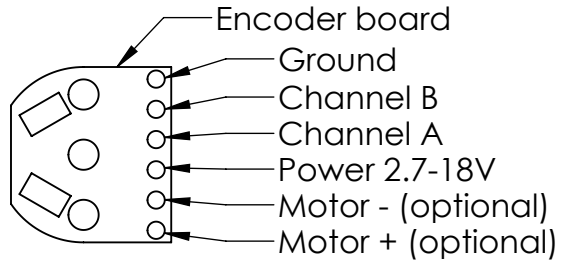
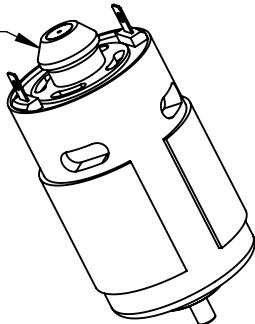
Use vice or arbor press to install encoder magnet into magnet housing into location shown.

2

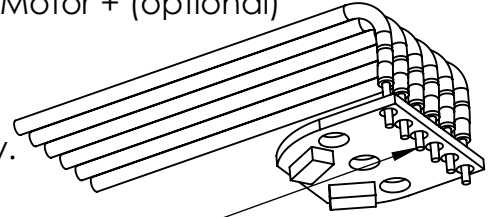
Use hex socket with an outside diameter of 0.47 to 0.53 inches or equivalent tool to press push nut into location shown. Depth of push nut from plastic surface approx. 0.04 inches.

Magnet assembly

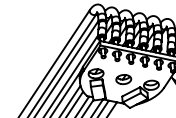
Use thumb or tool to carefully press on magnet assembly. It will make a small click sound. The wheel should spin true, adjust if necessary.



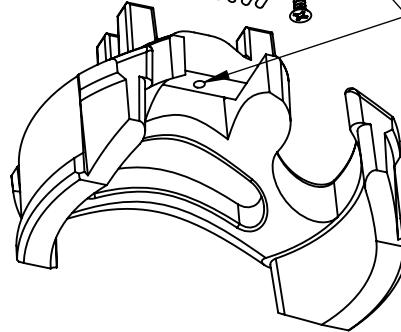
Solder wires as shown. .05 inch max protrusion, trim as necessary. Optional 3.3nF connection to motor leads for noise reduction.



3



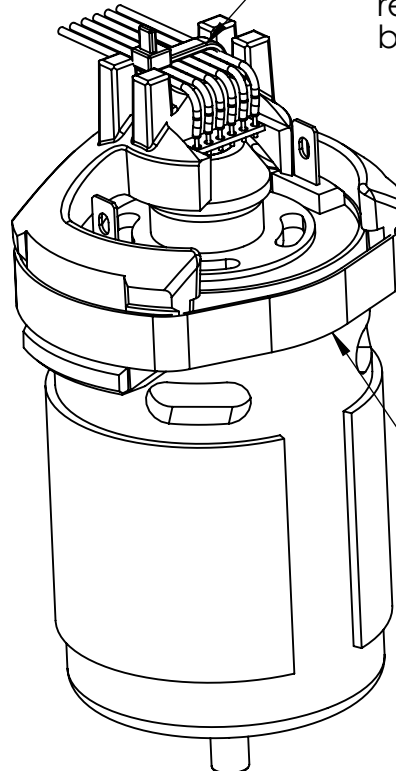
Slide encoder assembly into position and secure with mounting screw.



4

5

Strain relief wires with cable tie. Motor wires can also be strain relieved in the same bundle.



Secure final assembly with worm-drive clamp.