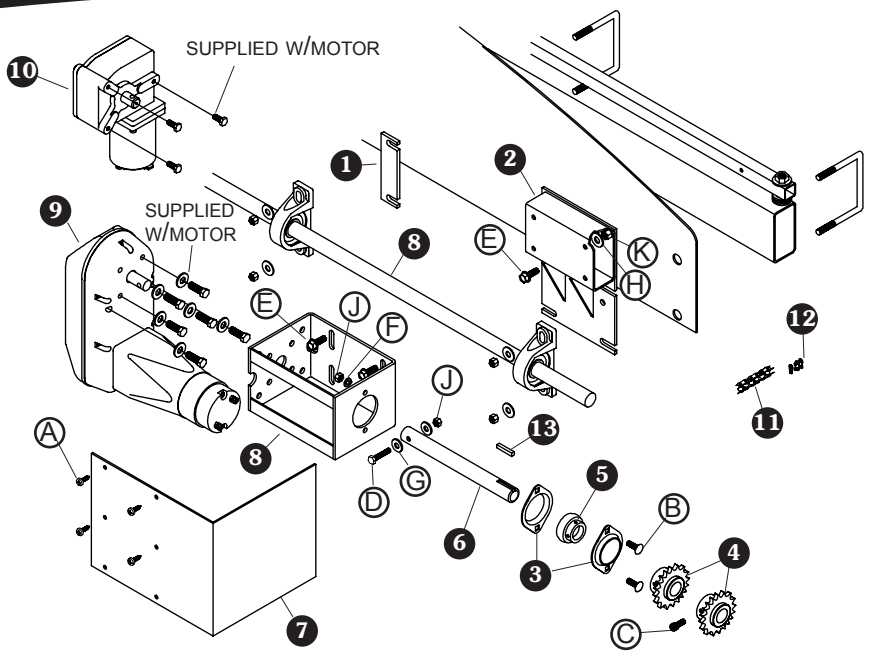
Installation Instructions - Cover-Pro II® Electric Motor

P/N 1111956 Rev. G

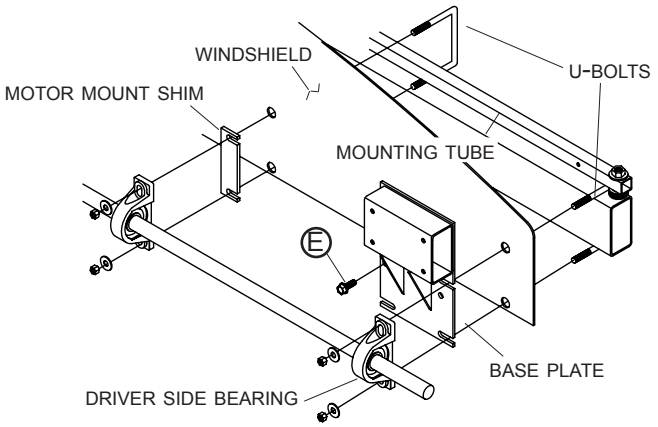
Item	Part #	Description
1.	1109444	Motor Mount Shim
2.	1109449	Motor Mount Base Plate
3.	1701054	Bearing Flange
4.	1106619	Sprocket - 18 Tooth
5.	1702594	Ball Bearing - 1”
6.	1109445	Motor Mount Shaft
7.	1109443	Motor Mount Cover Plate
8.	1109452	Motor Mount
9.	1701498	Super Duty Electric Motor
10.	1703378	Shur-Torque 75 Electric Motor
11.	1109456	Roller Chain & Link - 22 3/4”
12.	1701057	Connector Link
13.	1701056	Square Key
A.	1700398	Self-Drilling Screw - 1/4” x 3/4”
B.	1701522	Carriage Bolt - 5/16” x 1”
C.	1701493	Socket Hd Cap Screw - 5/16” x 1 1/2”
D.	1701468	Cap Screw - 5/16” x 1 3/4”
E.	1700400	Self-Tapping Screw - 3/8” x 1”
F.	1700433	Lock Washer - 5/16”
G.	1700428	Flat Washer - 5/16”
H.	1700429	Flat Washer - 3/8”
J.	1700411	Hex Nut - 5/16”
K.	1700407	Hex Nut - 3/8”



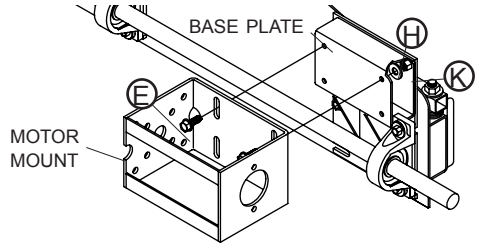
STEP 1: Loosen driver’s side bearing on front drive assembly. Slide base plate behind bearing. Square up mount and retighten bearing.

STEP 2: Install screw Ⓔ through hole in base plate.

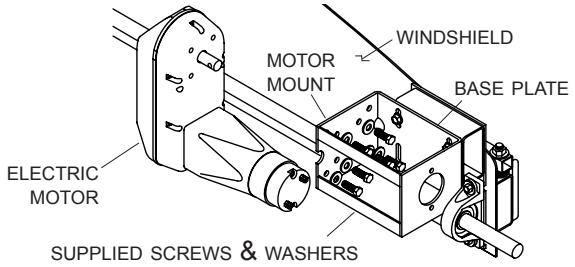
STEP 3: Install and secure motor mount shims behind center and passenger’s side bearings.



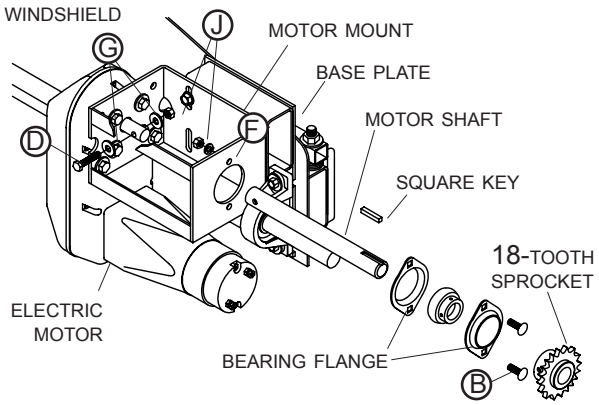
STEP 4: Fasten motor mount to base plate with screws Ⓔ, washers Ⓗ and nuts Ⓚ. Finger tighten.



STEP 5: Fasten electric motor to motor mount with supplied screws and washers.



STEP 6: Install motor shaft with cap screw Ⓓ, nut Ⓙ and washers Ⓖ.



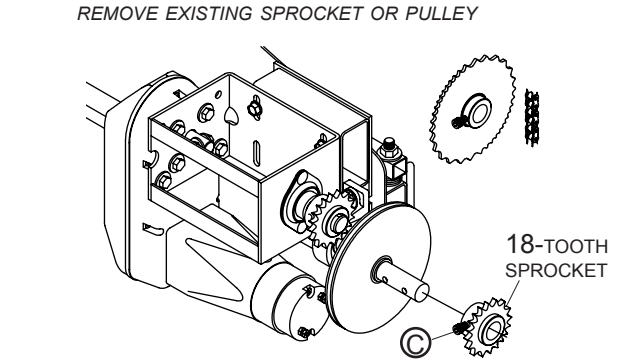
STEP 7: Install bearing and bearing flanges with screws Ⓑ, nuts Ⓙ and washers Ⓕ.

STEP 8: Slide 18-tooth sprocket over drive shaft. Do not tighten set screw until Step 10.

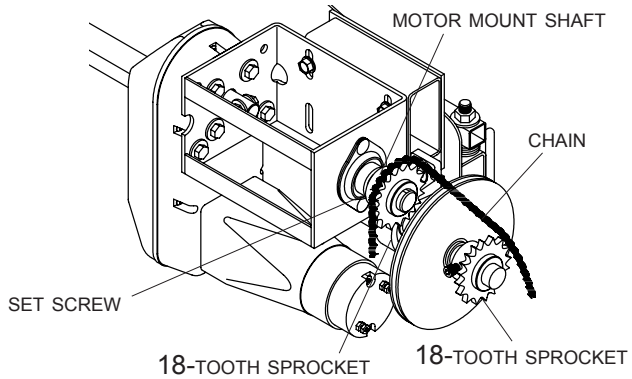
PO BOX 713 ▪ 2309 SHUR-LOK STREET
YANKTON, SOUTH DAKOTA 57078-0713
PH. 1-800-474-8756 ▪ FAX 605-665-0501

SHUR-CO.® HELP LINE
CALL: 1-866-748-7435
www.shurco.com

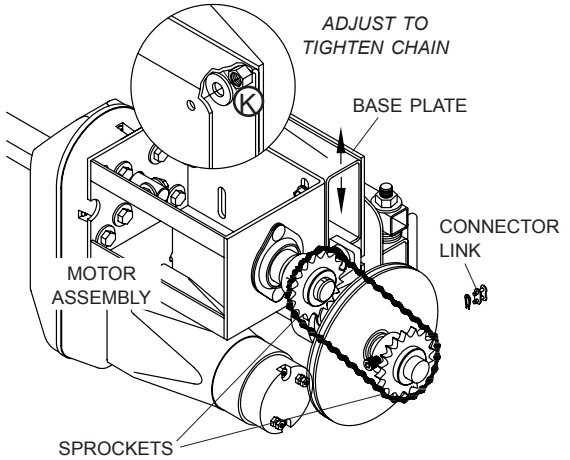
STEP 9: Remove existing sprocket or pulley. Replace with 18-tooth sprocket. Fasten with screw Ⓒ.



STEP 10: Lay chain over top of sprockets and adjust sprocket on motor mount shaft so chain runs straight. Tighten set screw on sprocket against flat on motor shaft.

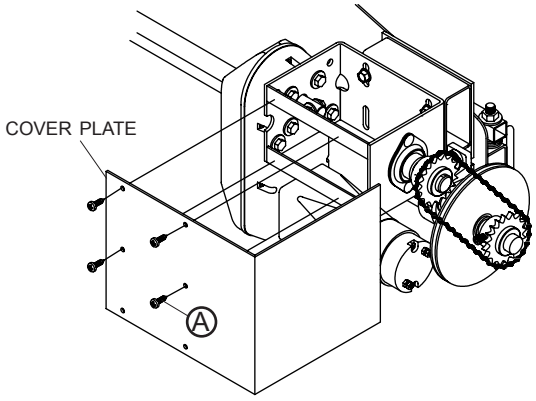


STEP 11: Wrap chain around sprockets. Connect with connector link. Create tension on chain by pulling motor assembly upwards. Square assembly with base plate and remove slack in chain. Tighten nuts Ⓚ.



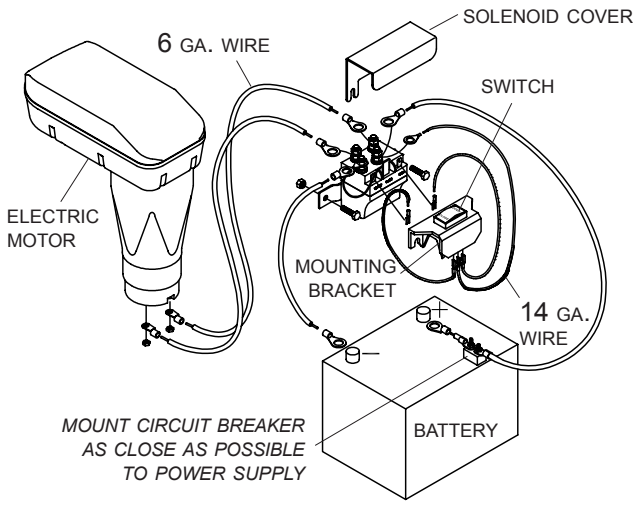
NOTE: *Sprockets must remain parallel so chain will run straight.*

STEP 12: Install cover plate with screws Ⓐ.

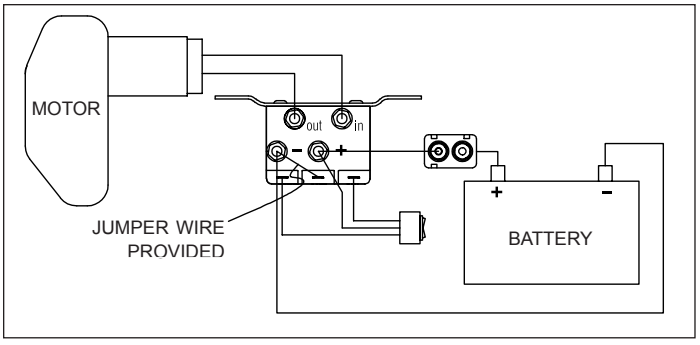


Electric Motor Wiring

STEP 13: Run 6 ga. wire from motor to solenoid and from power supply to solenoid as shown in diagram. Run 14 ga. wires from solenoid to switch. Locate switch in a convenient operating location.



NOTE: *System can only be grounded through switch. Running wires to motor will reverse continuity.*



PO BOX 713 ▪ 2309 SHUR-LOK STREET
YANKTON, SOUTH DAKOTA 57078-0713
PH. 1-800-474-8756 ▪ FAX 605-665-0501

SHUR-CO.® HELP LINE
CALL: 1-866-748-7435
www.shurco.com