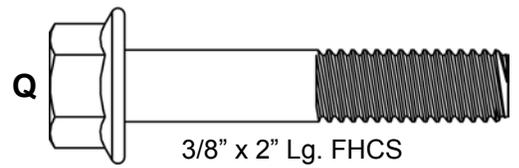
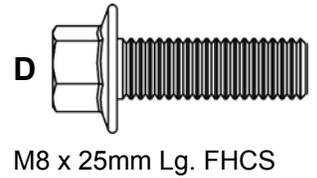
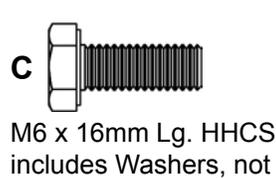
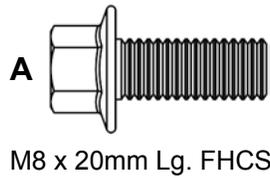


INSTALLATION INSTRUCTIONS

Polaris Sportsman Power Steering

Item	Description	Qty
A	M8-1.25 x 20mm Lg. FHCS	3
C	M6-1.0 x 16mm Lg. HHCS	2
D	M8-1.25 x 25mm Lg. FHCS	6
E	M8-1.25 Nylock Nuts	6
J	Control Module	1
K	Motor	1
L	Wiring Harness	1
Q	3/8"-24 x 2" Lg. HHCS	2



Power Steering will provide multiple improvements to your machine. After installation, it is highly recommend to take time and learn your machines new handling characteristics and feel.

Key Recommendations:

1. Power Steering Benefits will be noticed as soon as machine is moving.
2. Handlebar will have more noticeable deflection while at rest. As a result of speed sensitive operation, this is normal.
3. Check steering sensitivity at multiple speeds to best understand new handling characteristics and feel.
4. Without Throttle input, turning Handlebar back and forth unnecessarily is not recommended. This action is very hard on remaining stock steering components, Tie Rod Ends, and Power Steering unit.

Like all SuperATV products, Power Steering kits were designed with riders in mind.

(Kit contents continue on following page)

Read instructions and view illustrations before beginning.

Need help with your installation?

✉ sales@superatv.com 🖥 www.superatv.com

☎ 1-812-574-7777 🕒 8:00am - 9:00pm EST M-Th
8:00am - 7:00pm EST Friday
9:00am - 2:00pm EST Saturday

*Thank You
For Choosing*



Liability Statement

SuperATV's products are designed to best fit users ATV/UTV under stock conditions. Adding, modifying, or fabricating any factory, or aftermarket, parts will void any warranty provided by SuperATV and is not recommended. SuperATV's products could interfere with other aftermarket accessories. If user has aftermarket products on machine, contact SuperATV to verify that they will work together.

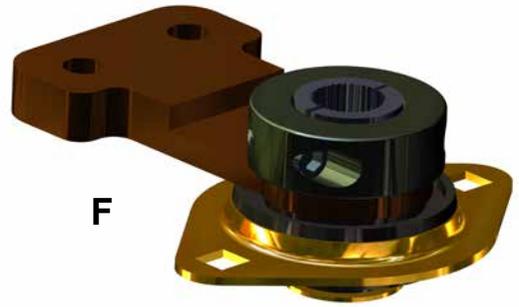
Although SuperATV has thousands of satisfied customers, user should be aware that installing lift kits, long travel, or suspension kits, tires, etc will change the ride of machine and may increase maintenance and part wear. Operating any off-road machine while, or after, consuming alcohol and/or drugs increases risk of bodily harm or death. No warranty or representation is made as to this product's ability to protect user from severe injury or death. SuperATV urges operators and occupants to wear a helmet and appropriate riding gear at all times.

By purchasing and installing SuperATV products, user agrees that should damages occur, SuperATV will not be held responsible for loss of time, use, labor fees, replacement parts, or freight charges. SuperATV, nor any 3rd party, will not be held responsible for any direct, indirect, incidental, special, or consequential damages that result from any product purchased from SuperATV. The total liability of seller to user for all damages, losses, and causes of action, if any, shall not exceed the total purchase price paid for the product that gave rise to the claim.

SuperATV will warranty only parts provided by SuperATV. Any damage or problems with OEM housings, bearings, seals, or other manufacturers products will not be covered by SuperATV. SuperATV parts and products are not warranted if item was not installed properly, misused, or modified.

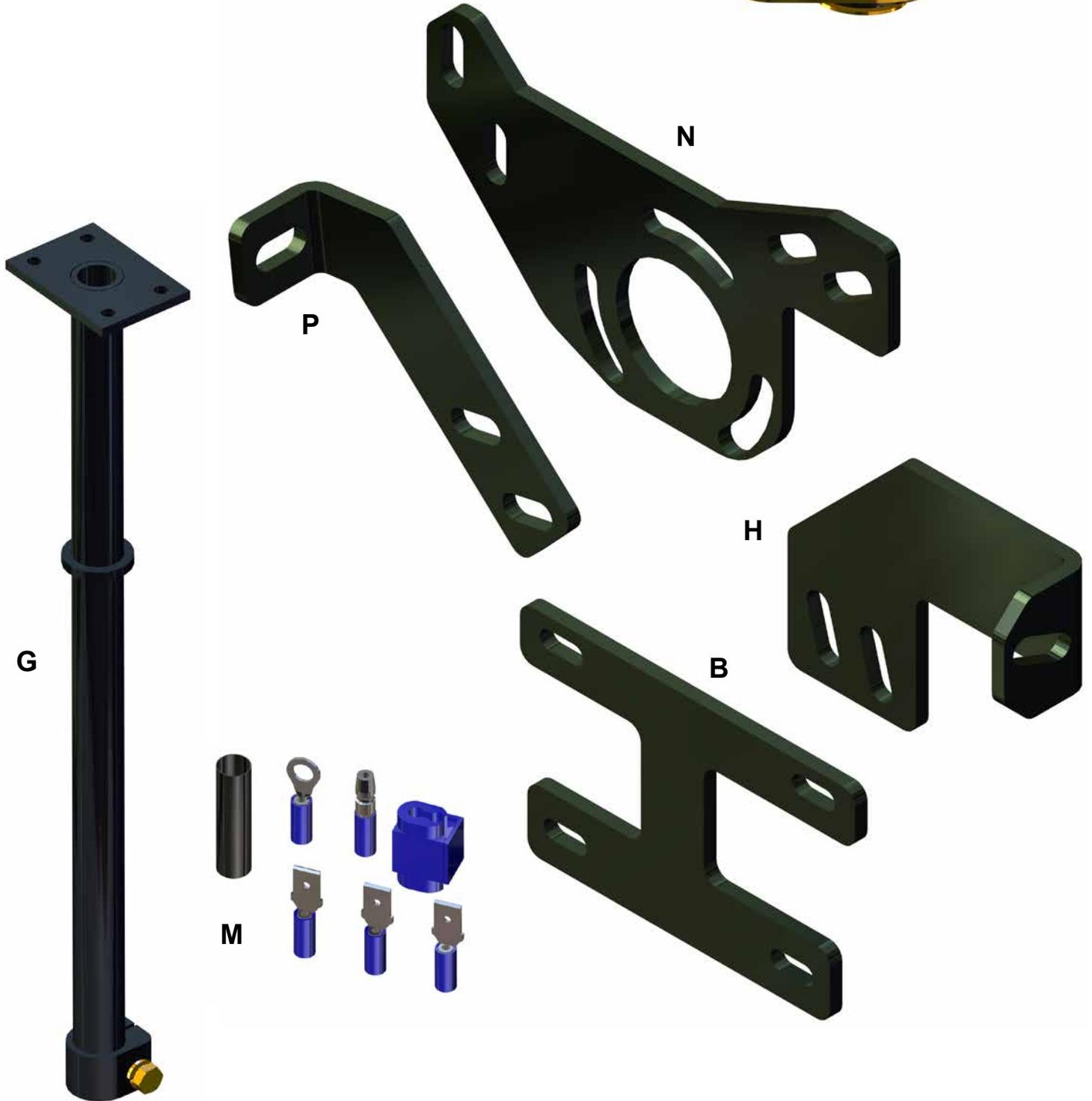
Item	Description	Qty
B	Control Module Mounting Bracket	1
F	Lower Shaft Assembly	1
G	Upper Shaft	1
H	Mounting Support - Right	1
M	Wiring Connectors Kit	1
N	Motor Mount	1
P	Mounting Support - Left	1

(Kit contents continued)



F

N



P

H

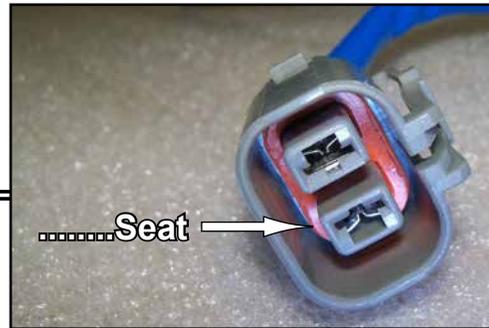
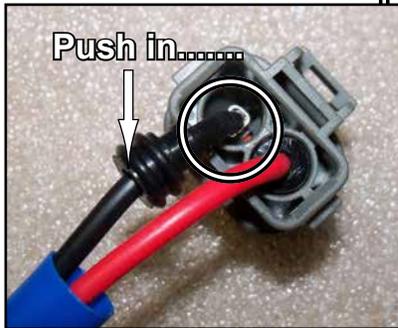
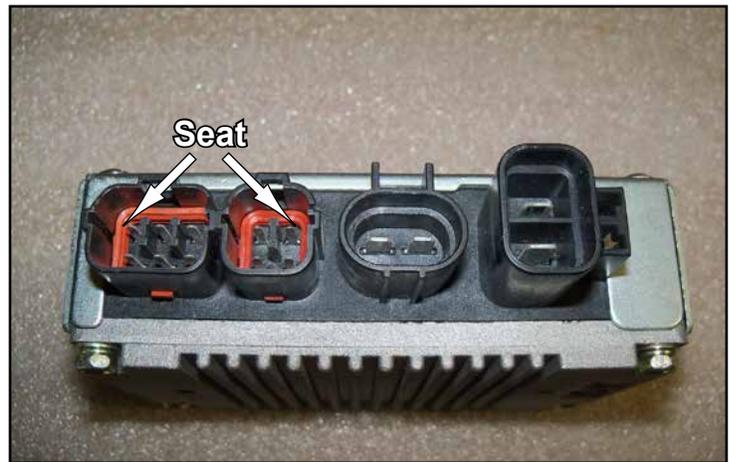
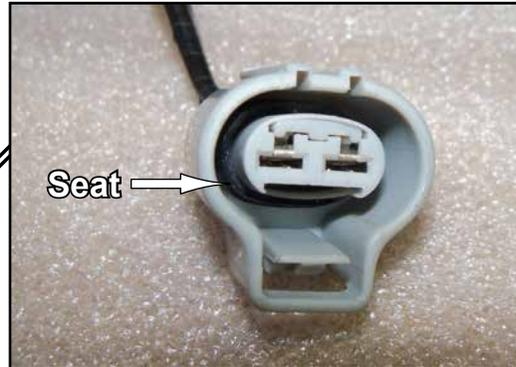
G

B

M

Connections

- Before installing, ensure that all waterproof connections are properly seated.
- If Gaskets are not seated, as shown, use a Flathead Screwdriver to seat.



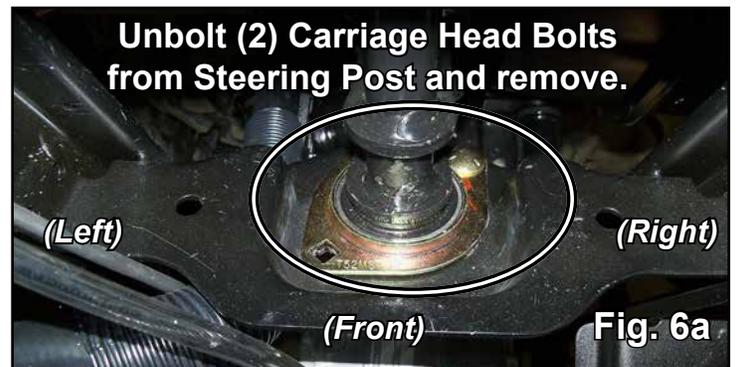
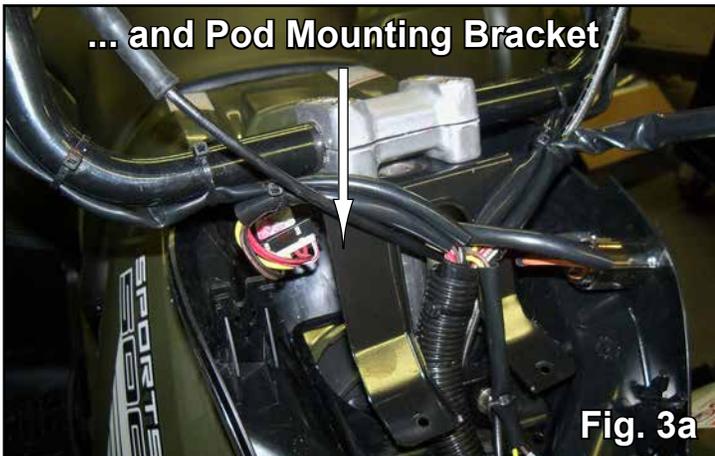
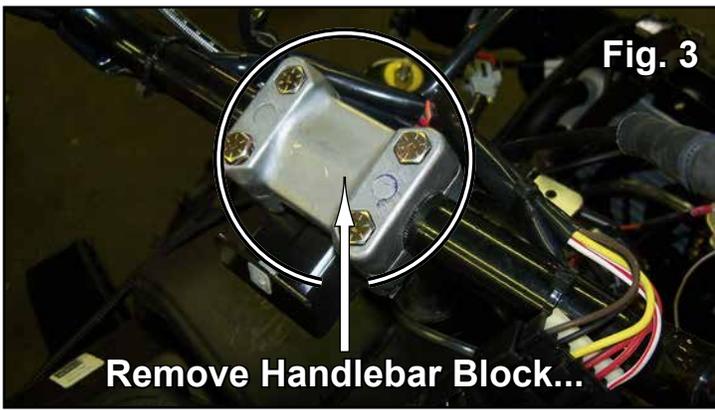
For reference, photographing of removal process is highly recommended due to amount of components being removed from machine.

Removal: Keep all stock hardware removed from machine.

1. Raise front of machine, secure with jack stands and remove Wheels and Seat.
2. Remove Front Storage Lid, Headlight Pod, Cover, and Side Panels. See Fig. 1.
3. Remove Front Cab. See Fig. 2.
4. Remove Handlebar Block and Pod Mounting Bracket. Lay Handlebar out of way. See Figs. 3 - 3a.
5. Remove Steering Bushing. See Fig. 4.
6. Remove hardware and move Oil Tank out of way. See Fig. 5.
7. Remove Tie Rods from Steering Post. See Fig. 6.
8. Unbolt stock Steering Post from machine and remove. See Fig. 6a.
9. Remove Gas Tank; unplug Wire Harness and Fitting shown. Use a rag to catch any spilled fuel. See Fig. 7.

(Removal illustrations on following page)

(Removal illustrations)

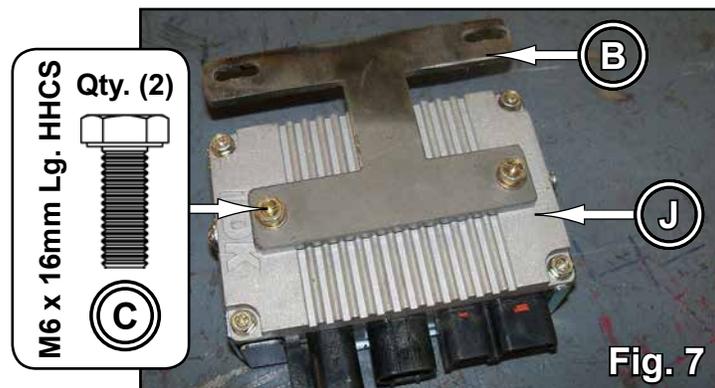


Installation: Do not tighten hardware unless noted.

1. Install Control Module (J) to Control Module Mounting Bracket (B) with M6-1.0 x 16mm Lg. HHCS (C). See Fig. 7.
2. Assemble Mounting Support - Left (P) to Motor Mount (N) with M8-1.25 x 25mm Lg. Hex Flange Bolts (D) and M8-1.25 Hex Flange Nylock Nuts (E). See Fig. 8.
3. Install Lower Shaft Assembly (F) to stock location with stock hardware. See Fig. 9.
4. Install Motor (K) onto Lower Shaft Assembly (F). Secure with provided hardware. See Motor Shafts Detail and Fig. 9a.
5. Reinstall Tie Rods to Lower Shaft Assembly (F) with 3/8"-24 x 2" Lg. Gd. 8 Hex Flange Bolts (Q) and stock Nuts. See Fig. 10.
6. Install Motor Mount (N) to Motor (K) with M8-1.25 x 20mm Lg. Hex Flange Bolts (A). See Fig. 12.
 - Secure Mounting Support - Left (P) to Frame with M8-1.25 x 25mm Lg. Hex Flange Bolt (D) and M8-1.25 Hex Flange Nylock Nut (E). See Figs. 11 - 11a.
7. Install Mounting Support - Right (H) to Motor Mount (N) with M8-1.25 x 25mm Lg. Hex Flange Bolts (D) and M8-1.25 Hex Flange Nylock Nuts (E). See Fig. 12.
 - Secure Mounting Support - Right (H) to Frame with M8-1.25 x 25mm Lg. Hex Flange Bolt (D) and M8-1.25 Hex Flange Nylock Nut (E). See Fig. 12a.
8. Install stock Steering Bushing to Upper Shaft (G). From top of machine, install Upper Shaft (G) to Motor (K) and secure with provided hardware. See Fig. 13.
9. Remove hardware from Right Side Splash Guard and install Control Module Mounting Bracket (B) with stock hardware. See Figs. 14 - 14a. Plug in Wire Harness (L) but do not wire.
10. Make wire connections. Use provided Wire Ties as needed. See Wiring Details pages 9 - 10.
11. Use stock hardware to reinstall Handlebar Block, Pod Mounting Bracket, and Handlebar to Upper Shaft (G).

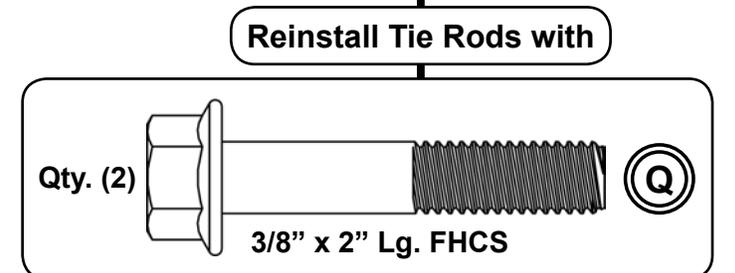
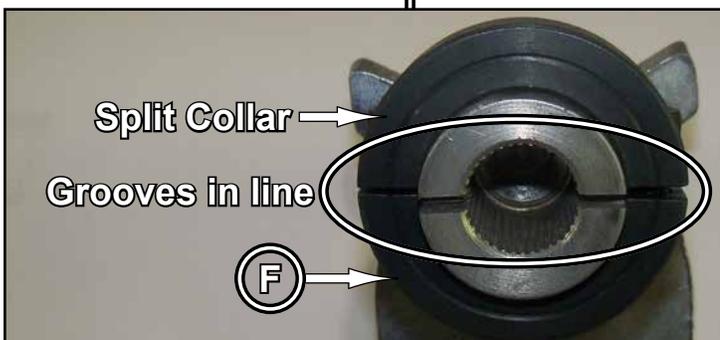
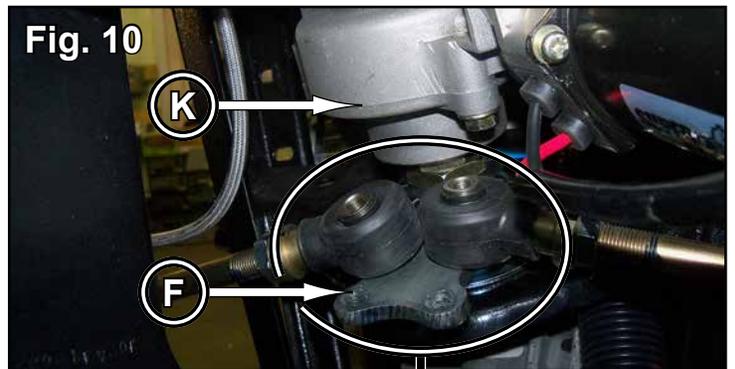
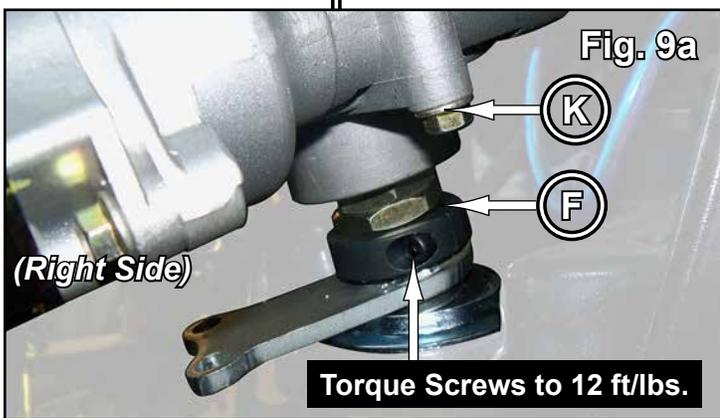
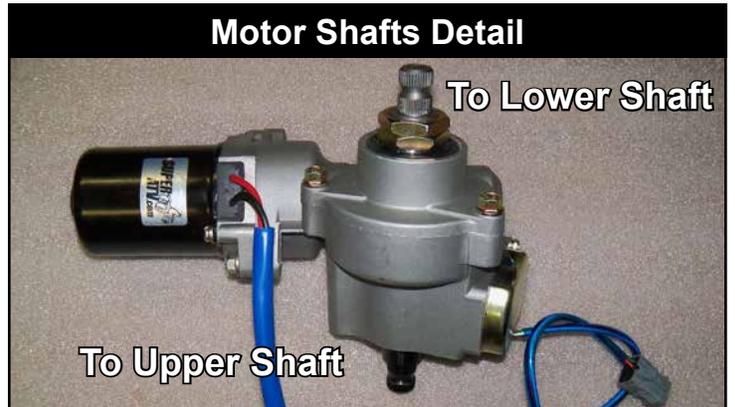
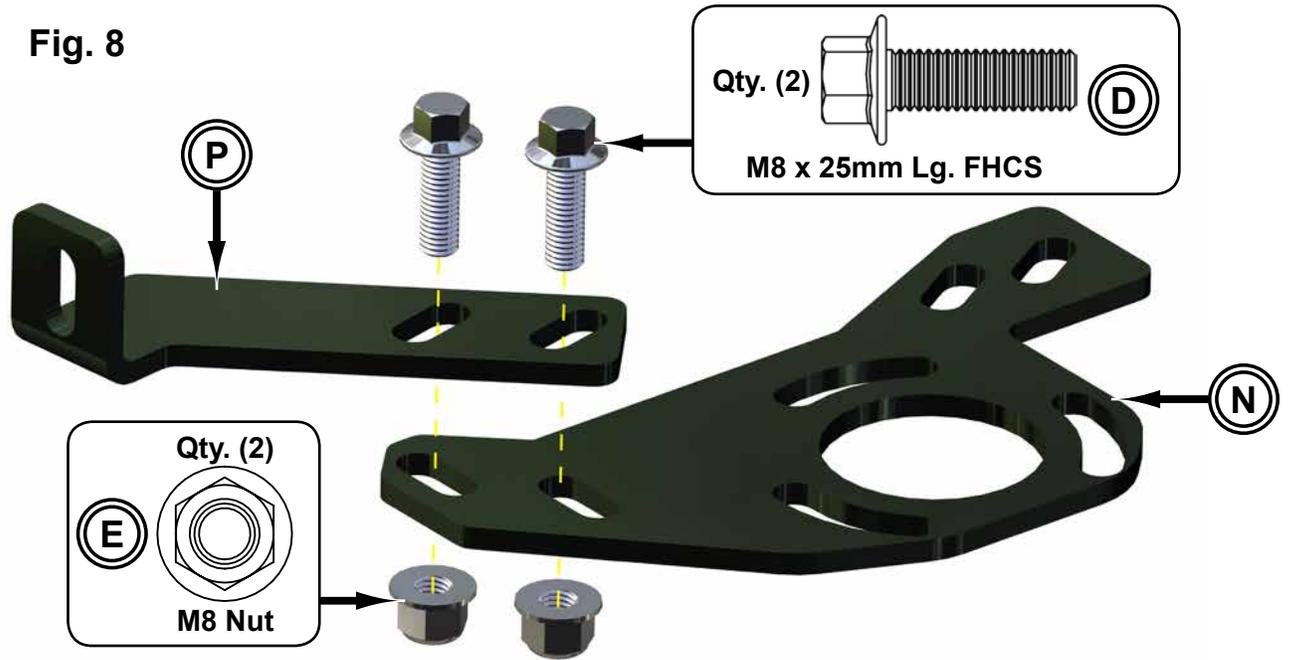
**Handlebar should be inline with Tie Rods before tightening hardware.
Lift Handlebar up and off of Motor (K) and realign if not.**

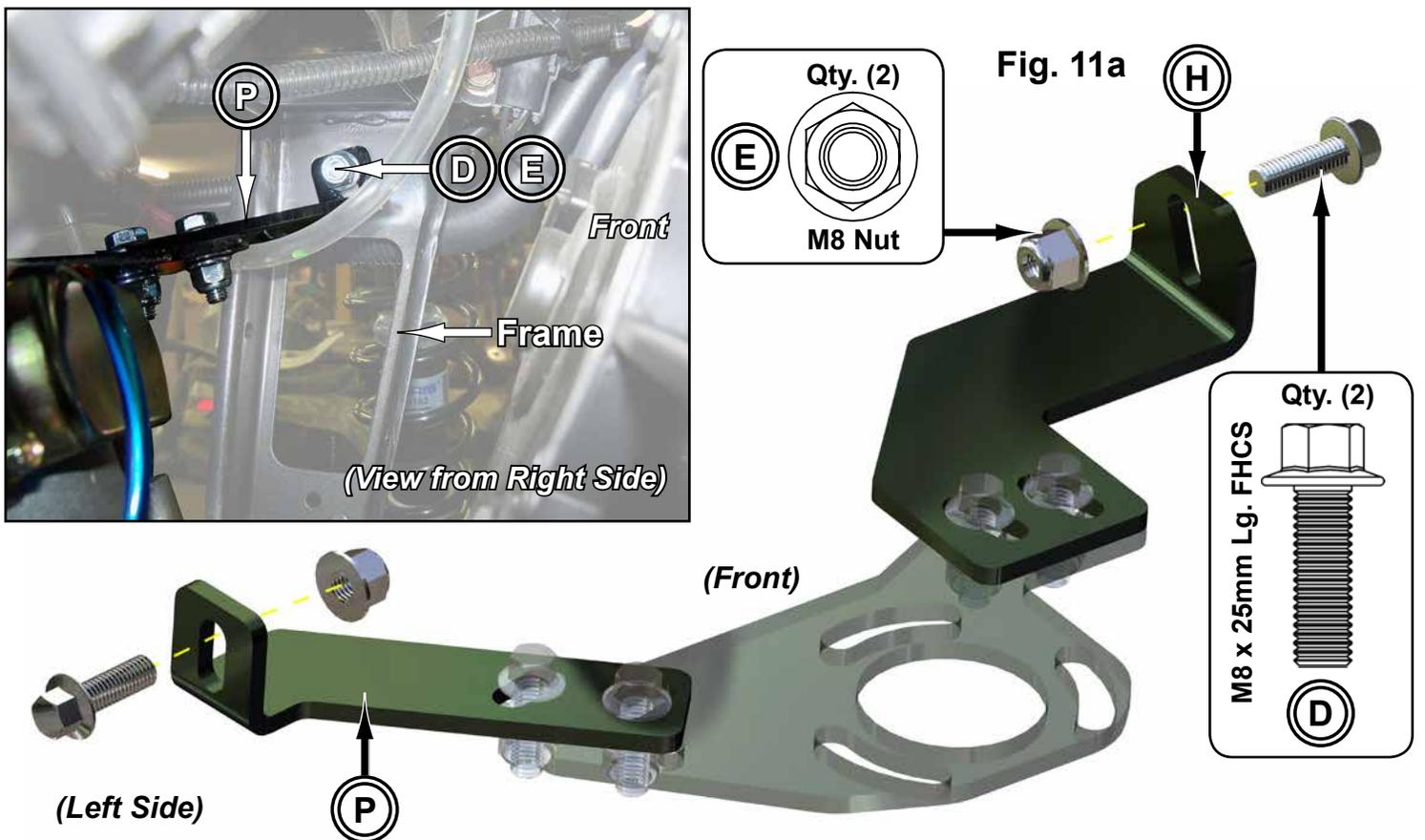
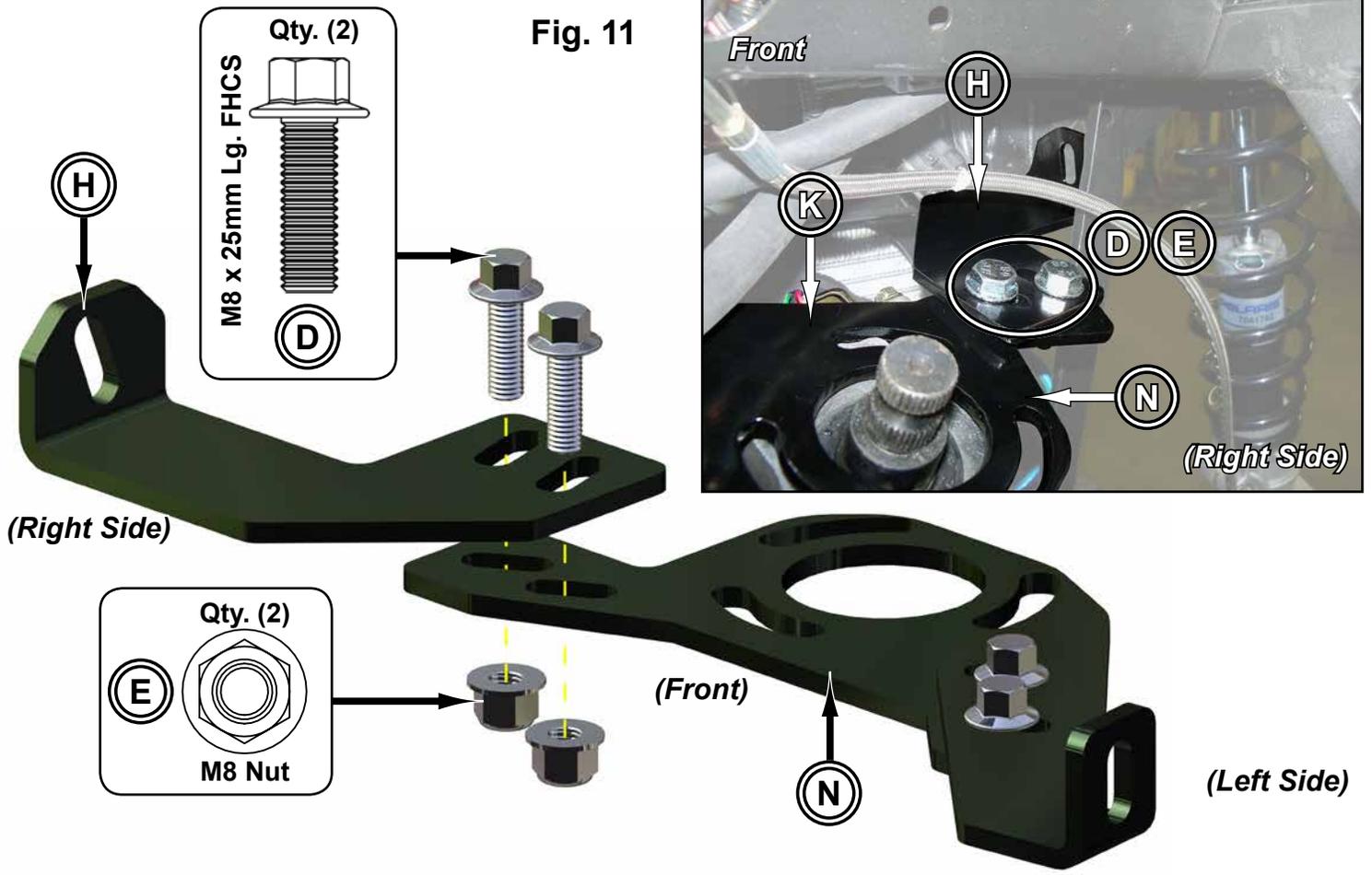
12. Tighten all hardware completely.
13. Reverse steps taken during "Removal" and reinstall necessary components.



(Installation illustrations continue on following pages)

Fig. 8

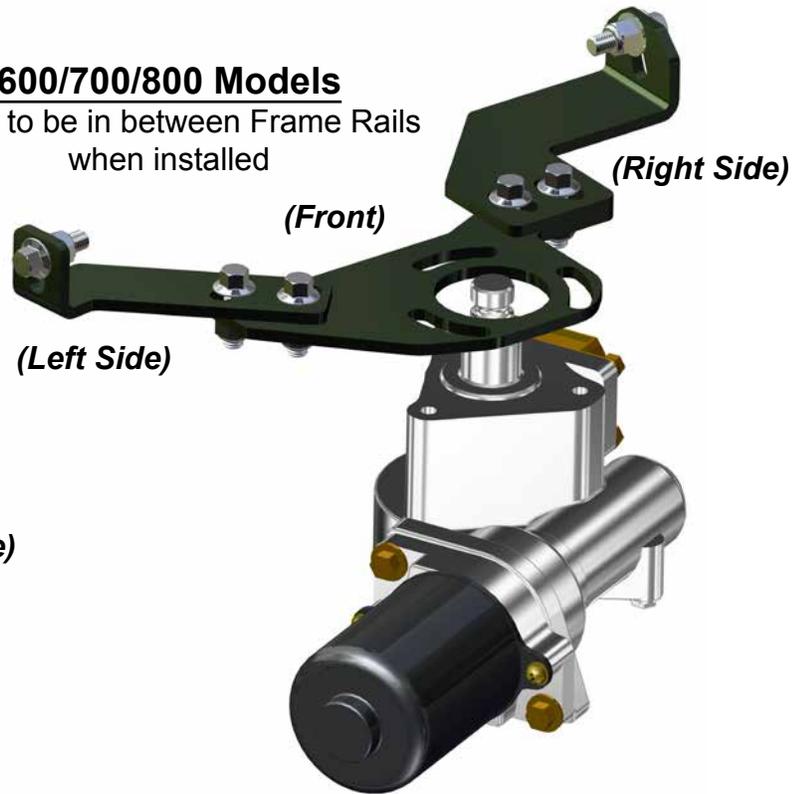




Motor Orientations

600/700/800 Models

Motor to be in between Frame Rails when installed



500 Models

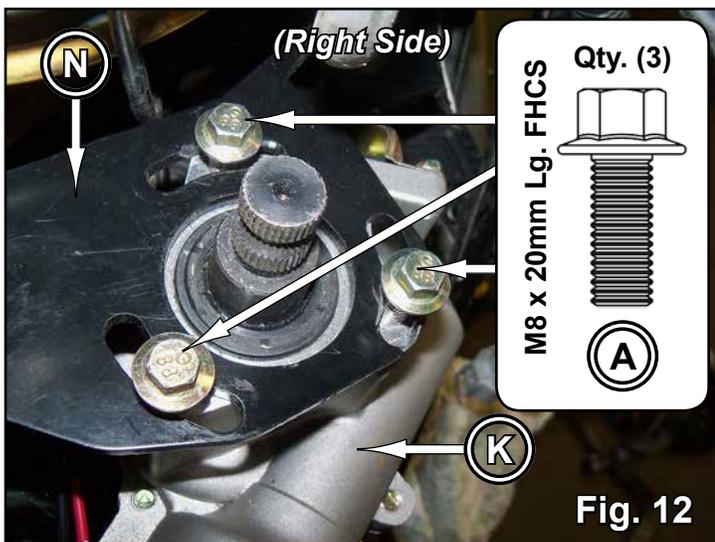
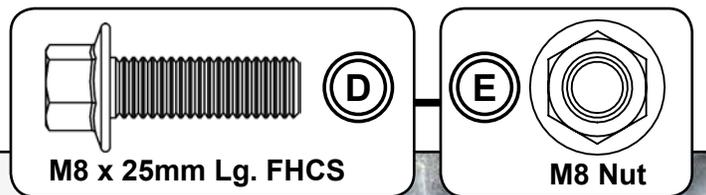
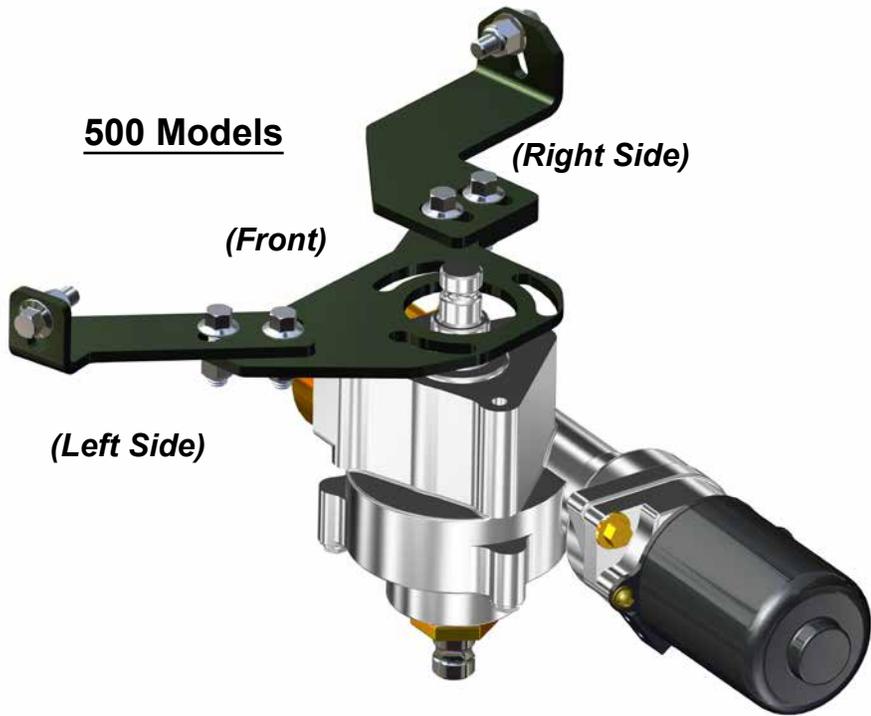


Fig. 12

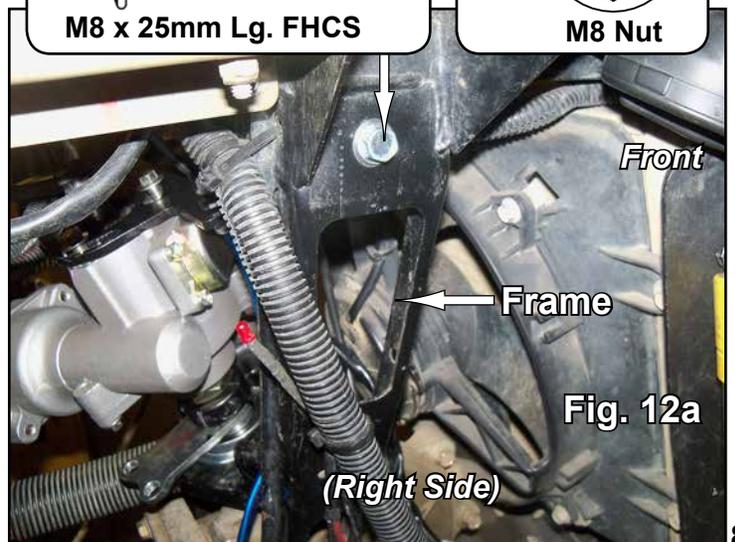
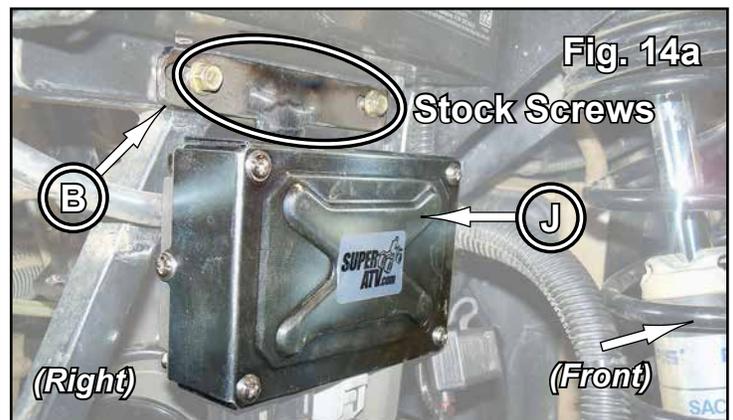
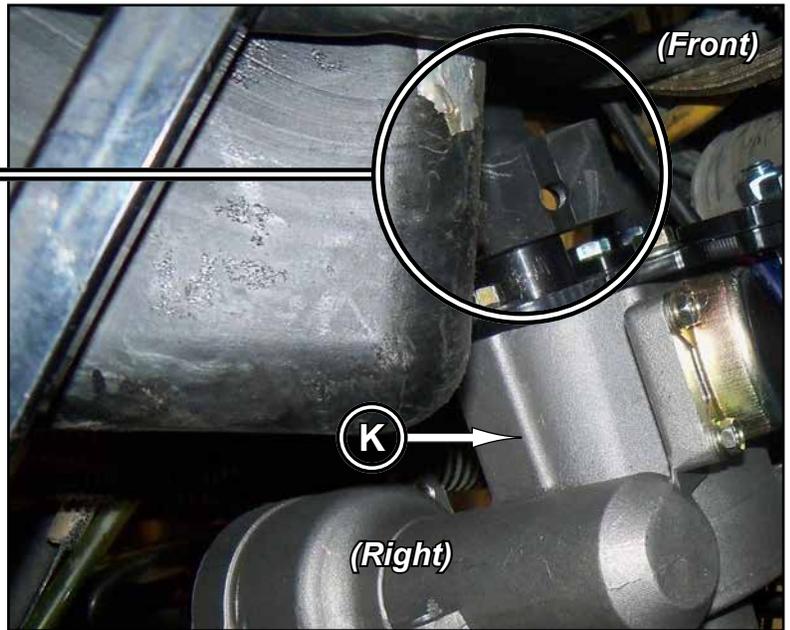
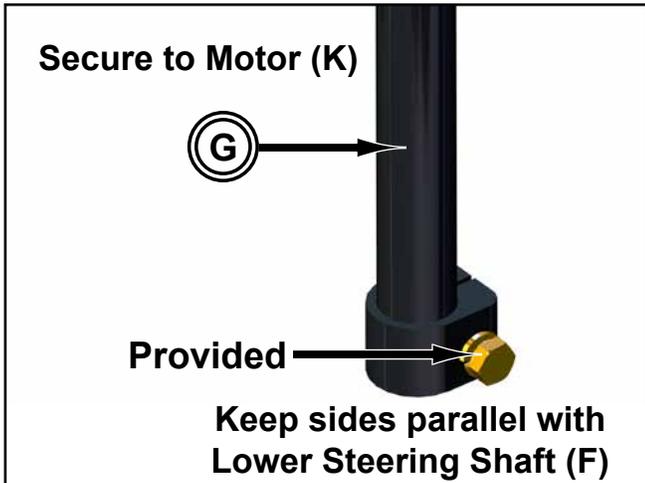
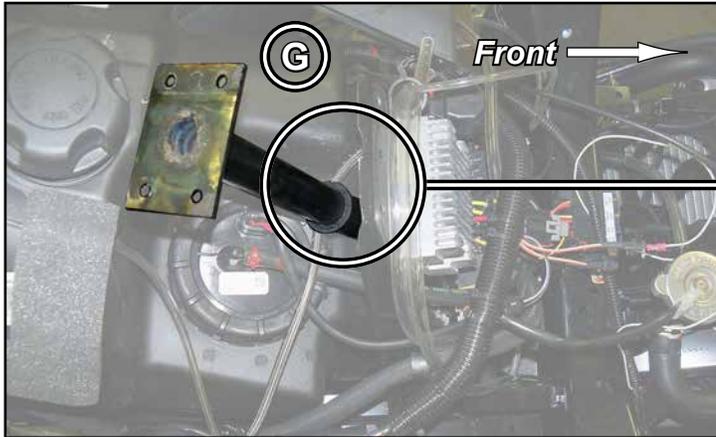
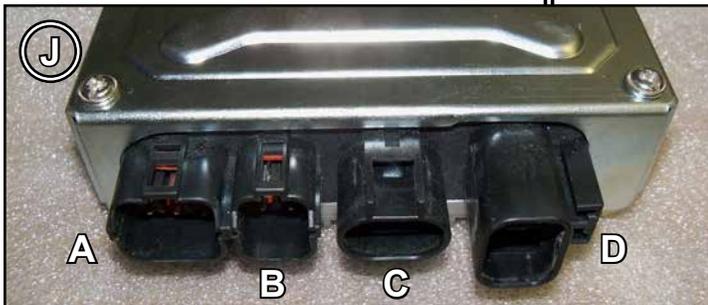
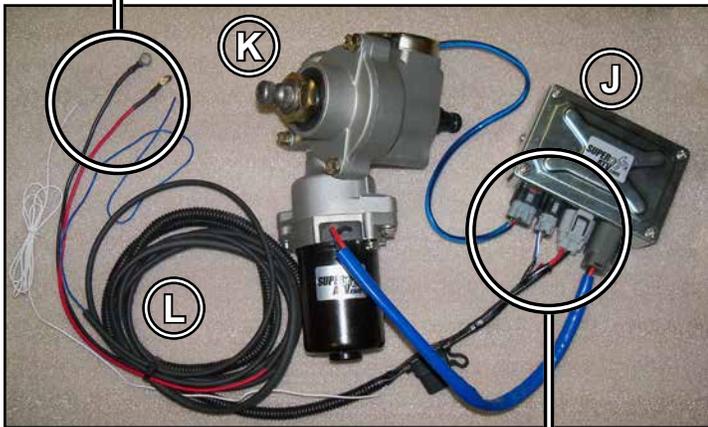
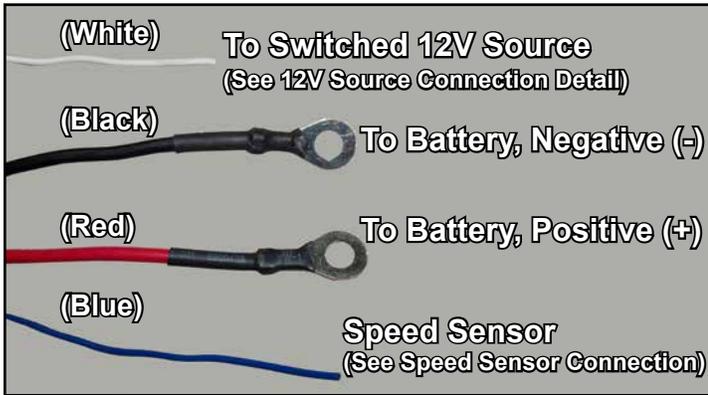


Fig. 12a

Fig. 13, Upper Steering Shaft (G) Mounting

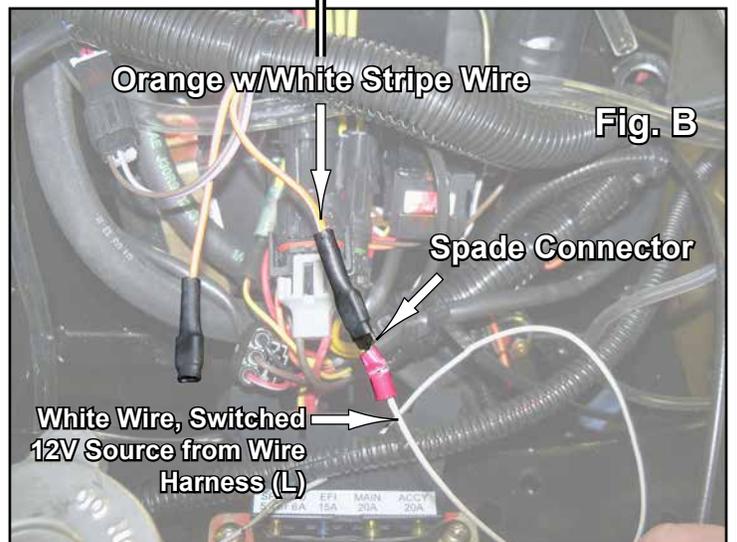
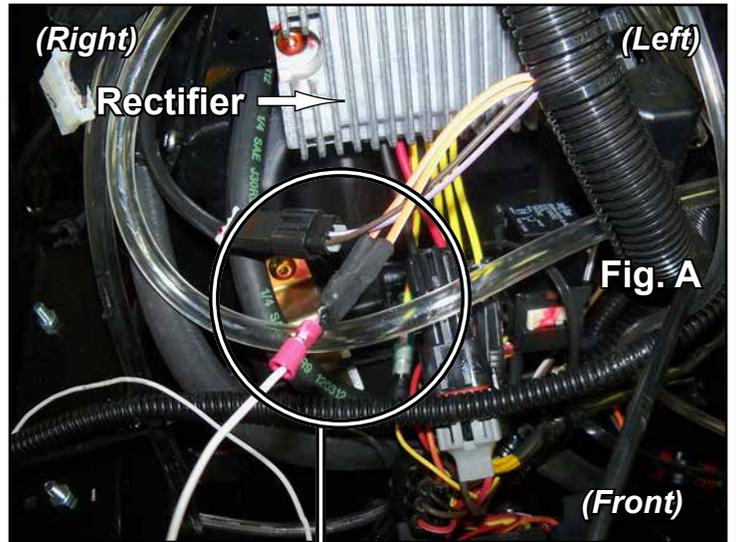


Wiring Details



Plug	Function
A	Torque Sensor
B	Switched 12V Source
C	Power
D	Motor

Switched 12V Source Connection Details



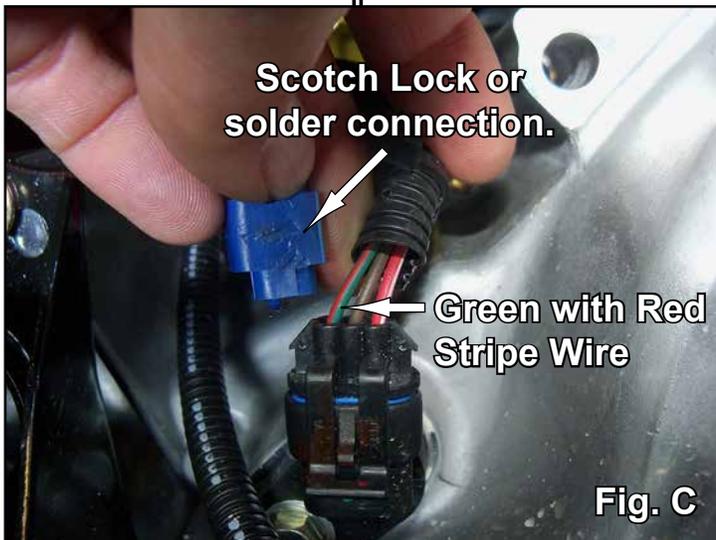
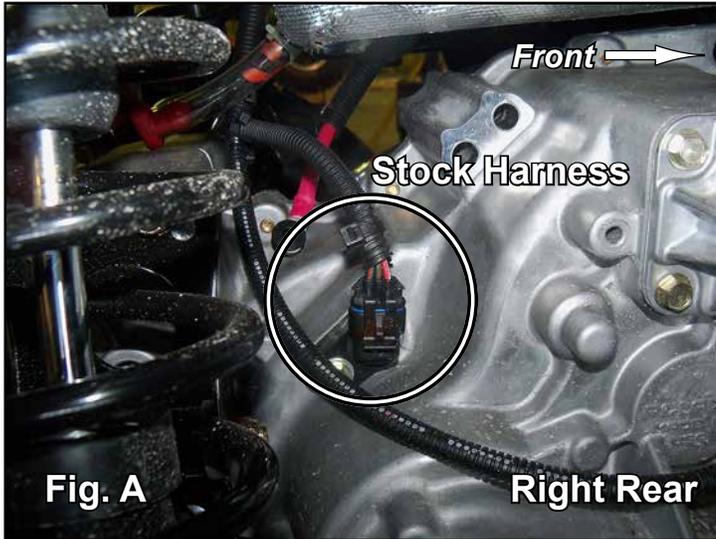
Soldering connection is recommended however, installer may use other forms of connecting.

1. Locate Orange with White Stripe wire (by Rectifier) from stock Harness. See Fig. A.
2. Connect White Wire from Wire Harness (L) to Orange with White Stripe wire. Scotch Lock, Spade Connector, or solder. See Fig. B



Wiring Details, continued

Speed Sensor Connection



Soldering connection is recommended however, installer may use other forms of connecting.

1. Remove Right Rear Tire and locate stock harness containing Red with Green Stripe Wire. See Fig. A.
2. Solder Blue Wire (Speed Sensor) from Wire Harness (L) to Red with Green Stripe Wire. See Figs. B - C.
3. Wrap connection with electrical tape and secure Wire Harness (L) to Frame. Ensure that no interference occurs with Suspension, Drive Shaft, etc.

When activated, Diagnostic Light will flash (1) time for about (1) second before turning off indicating proper function. Should different patterns occur, contact SuperATV.

Secure Diagnostic Light in a visible location.

