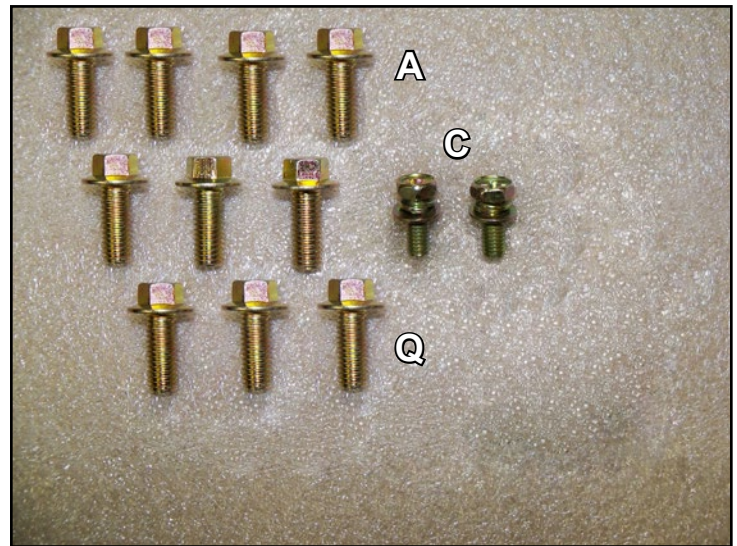


## INSTALLATION INSTRUCTIONS

### Polaris Sportsman XP Power Steering

Item	Description	Qty
A	M8-1.25 x 20mm Lg. Hex Flange Bolts	7
B	Control Module Mounting Bracket	1
C	M6-1.0 x 16mm Lg. HHCS	2
D	M8 Flat Washers	6
E	M8-1.25 Nylock Nuts	6
F	Lower Shaft Assembly	1
G	Upper Shaft	1
H	Mounting Bracket	1
J	Control Module	1
K	Motor	1
L	Wiring Harness	1
M	Wiring Connectors Kit	1
N	Brace	1
P	Support Strap	1
Q	M8-1.25 x 25mm Lg. Hex Flange Bolts	2



(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

# SUPERATV.COM

#### 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.

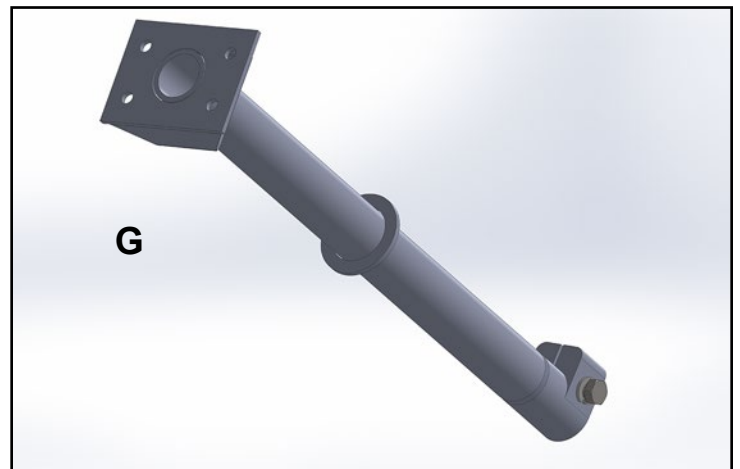
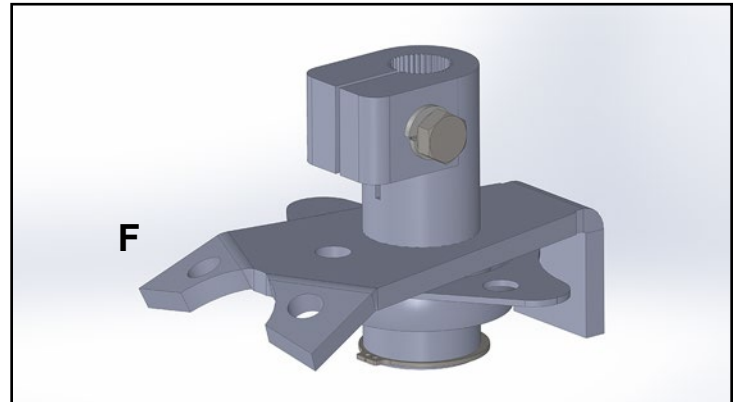
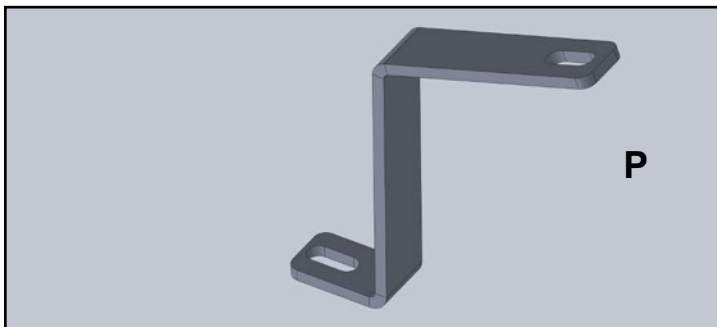
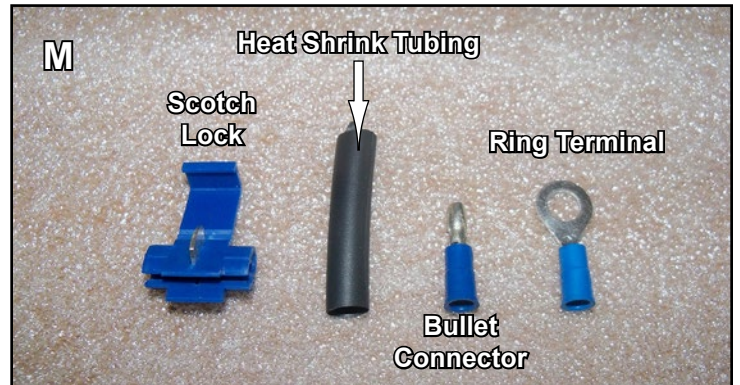
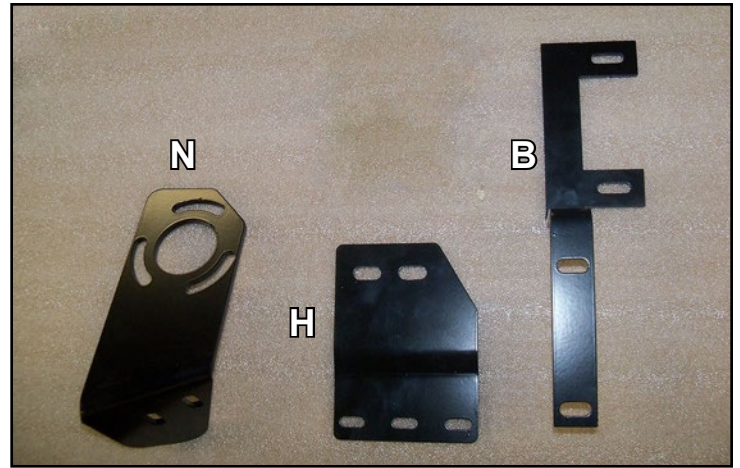
Although SuperATV has thousands of satisfied customers, user should be aware that installing lift kits, long travel, or suspension kits, tires, etc will change the ride of machine and may increase maintenance and part wear. Operating any off-road machine while, or after, consuming alcohol and/or drugs 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.

(Kit contents continued)

Item	Description	Qty
A	M8-1.25 x 20mm Lg. Hex Flange Bolts	7
B	Control Module Mounting Bracket	1
C	M6-1.0 x 16mm Lg. HHCS	2
D	M8 Flat Washers	6
E	M8-1.25 Nylock Nuts	6
F	Lower Shaft Assembly	1
G	Upper Shaft	1
H	Mounting Bracket	1
J	Control Module	1
K	Motor	1
L	Wiring Harness	1
M	Wiring Connectors Kit	1
N	Brace	1
P	Support Strap	1
Q	M8-1.25 x 25mm Lg. Hex Flange Bolts	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:

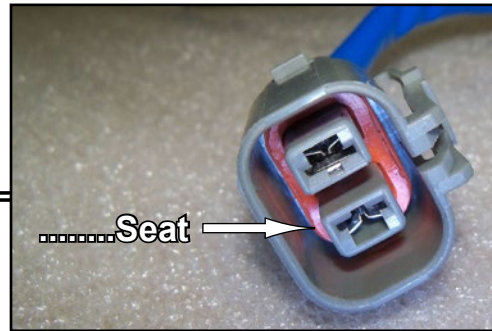
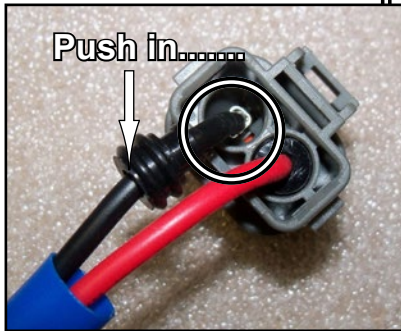
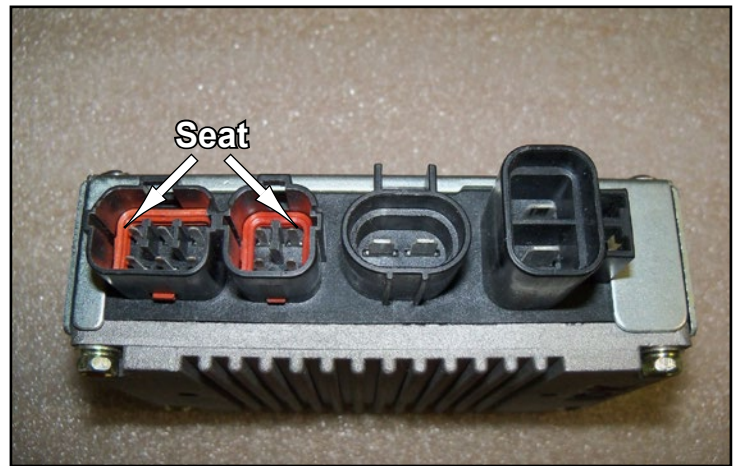
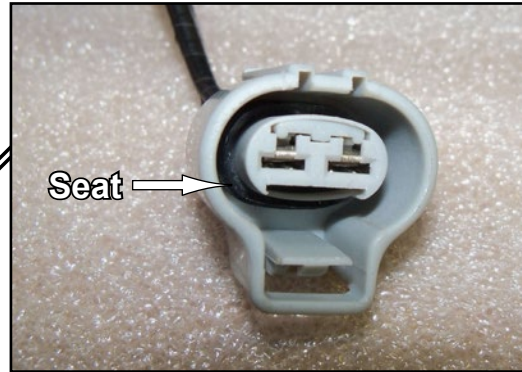
1. Power Steering Benefits will be noticed as soon as machine is moving.
2. Handlebar will have more noticeable deflection while at rest. As a result of speed sensitive operation, this is normal.
3. Check steering sensitivity at multiple speeds to best understand new handling characteristics and feel.
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.



## Connections

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



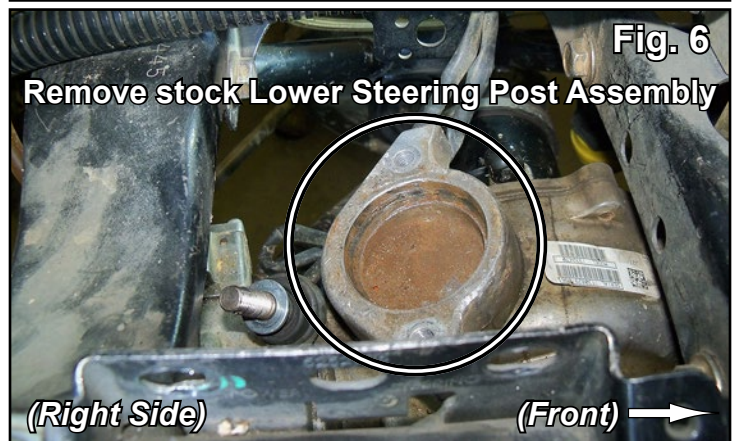
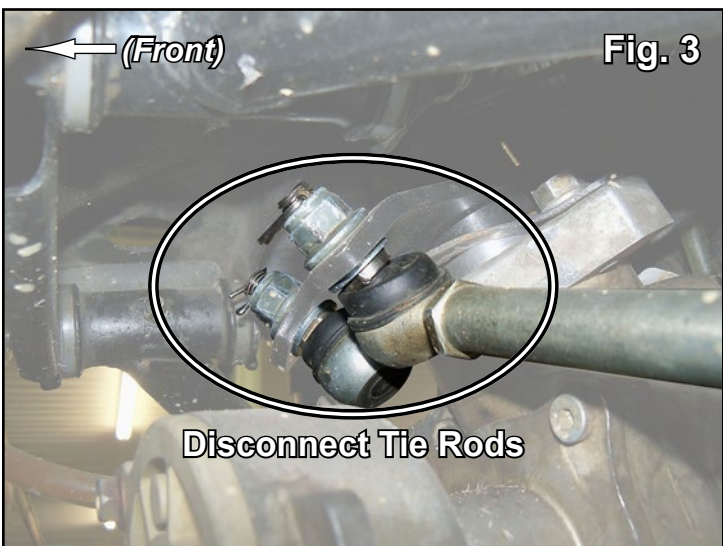
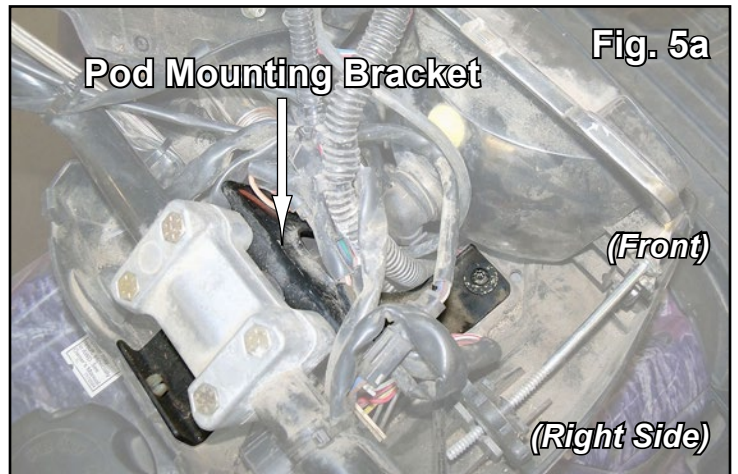
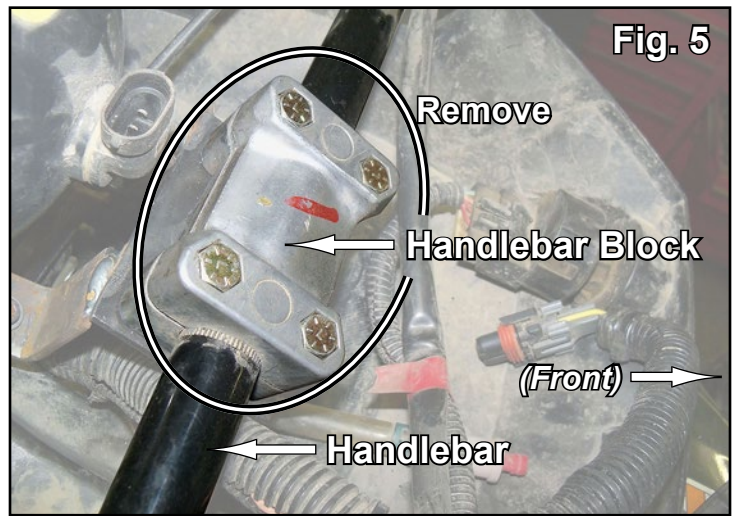
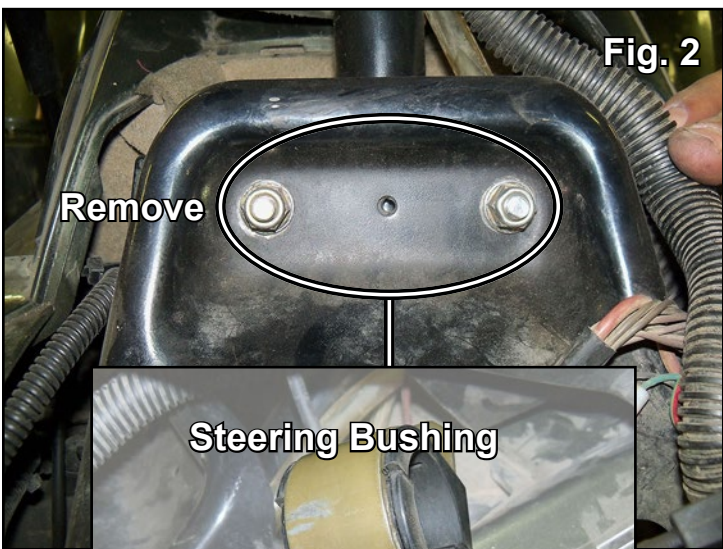
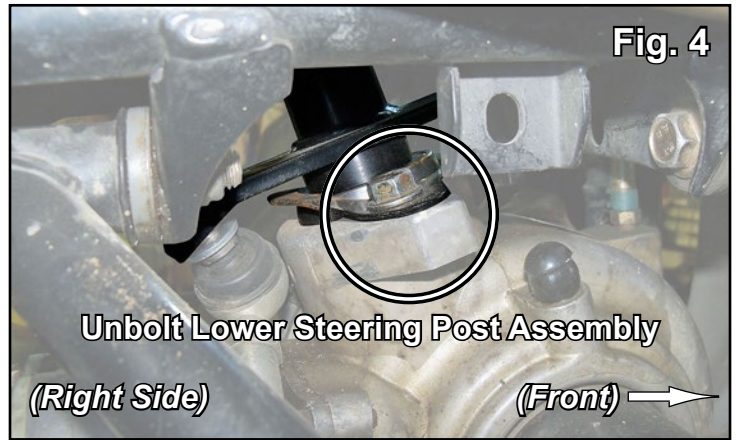
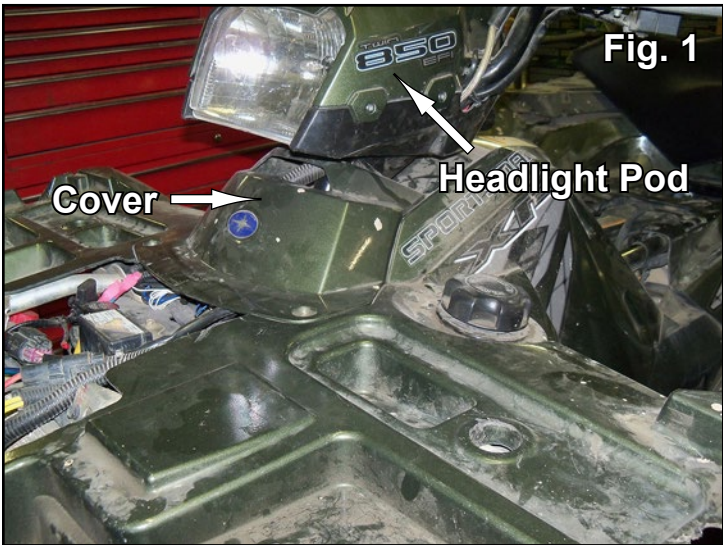
**For reference, photographing of removal process is highly recommended due to amount of components being removed from machine.**

**Removal: Keep all stock hardware removed from machine.**

1. Raise front of machine, secure with jack stands, remove Wheels and Seat.
2. Remove Front Storage Rack, Headlight Pod, and Cover. See Figs. 1 - 1a.
3. Remove Steering Bushing. See Figs. 2 - 2a.
4. Remove Tie Rods from Lower Steering Post Assembly. See Fig. 3.
5. Unbolt stock Lower Steering Post Assembly. See Fig. 4.
6. Remove Handlebar Block and Pod Mounting Bracket. Place Handlebar out of way. See Figs. 5 - 5a.
7. Remove Steering Post Assembly. Fig. 6.



(Removal illustrations)





**Installation: Do not tighten hardware unless noted.**

1. Assemble Motor (K) to Mounting Bracket (H) with M8-1.25 x 20mm Lg. Hex Flange Bolts (A). See Fig. 7.

**2011 and up models, go to page 10**

2. Install Control Module (J) to Control Module Mounting Bracket (B) with M6-1.0 x 16mm Lg. HHCS (C). See Fig. 8.
3. Install Lower Shaft Assembly (F) to stock location. Secure with stock hardware. See Figs. 9 - 9a.
4. Reinstall Tie Rods to Lower Shaft Assembly (F) with stock hardware. See Fig. 10.
5. Install Motor/Mounting Bracket Assembly (K) (H) onto Lower Shaft Assembly (F). Secure with provided hardware. See Motor Shafts Detail, and Fig. 11.

**2011 and up models, go to page 10**

6. Secure Brace (N) to Frame with M8-1.25 x 20mm Lg. Hex Flange Bolts (A), M8 Flat Washers (D), and M8-1.25 Nylock Nuts (E). See Figs. 11 - 11a.
7. Join Brace (N) to Motor/Mounting Bracket Assembly (K)(H) with M8-1.25 x 25mm Lg. Hex Flange Bolts (Q), M8 Flat Washers (D), and M8-1.25 Nylock Nuts (E). See Fig. 11a.

- Install Support Strap to Mounting Bracket (H) with M8-1.25 x 20mm Lg. Hex Flange Bolt (A). Install opposite end to stock hole in Frame with M8-1.25 x 20mm Lg. Hex Flange Bolt (A), M8 Flat Washer (D), and M8-1.25 Nylock Nut (E) See "Support Strap", page 7.

8. Install stock Steering Bushing to Upper Shaft (G). From top of machine, install Upper Shaft (G) to Motor (K). Secure to Motor (K) with provided hardware. See Figs. 12 - 12a.

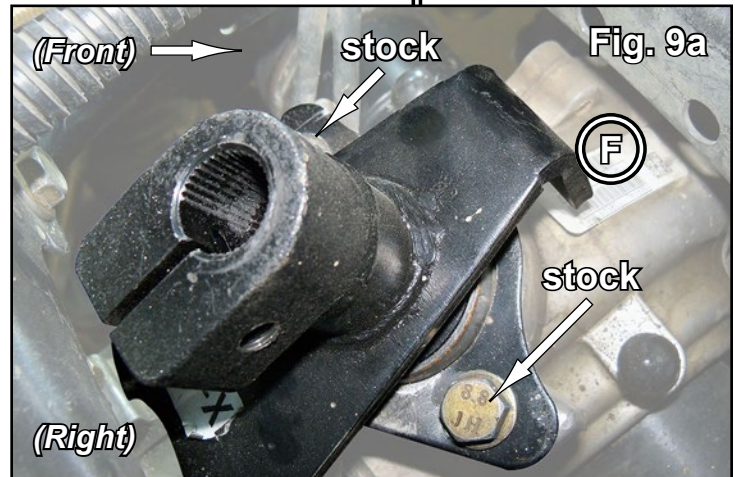
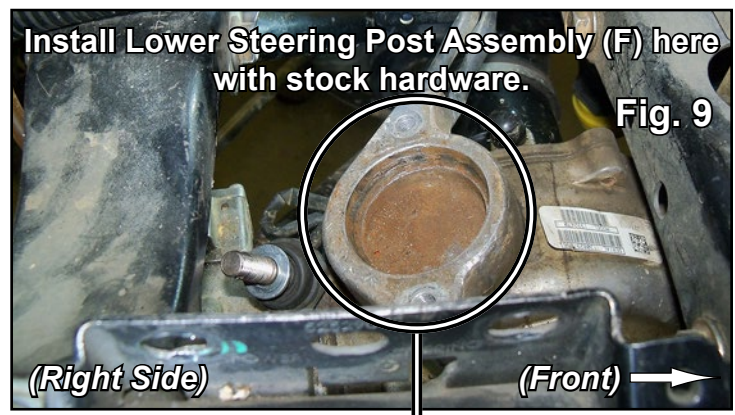
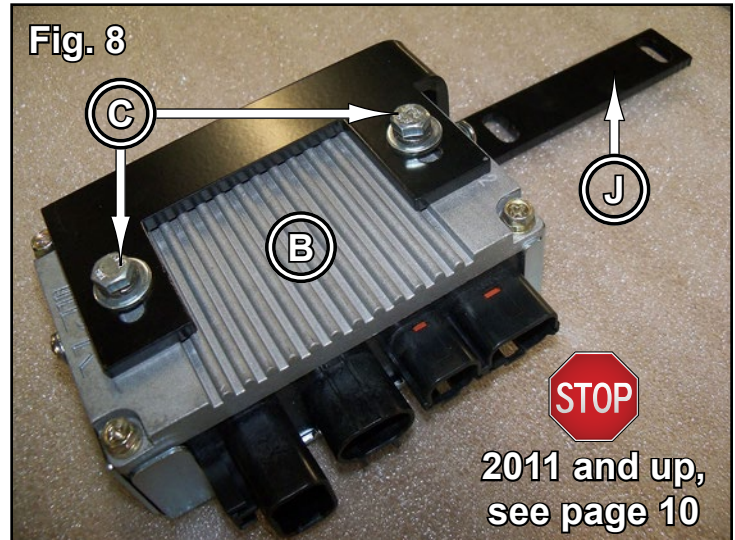
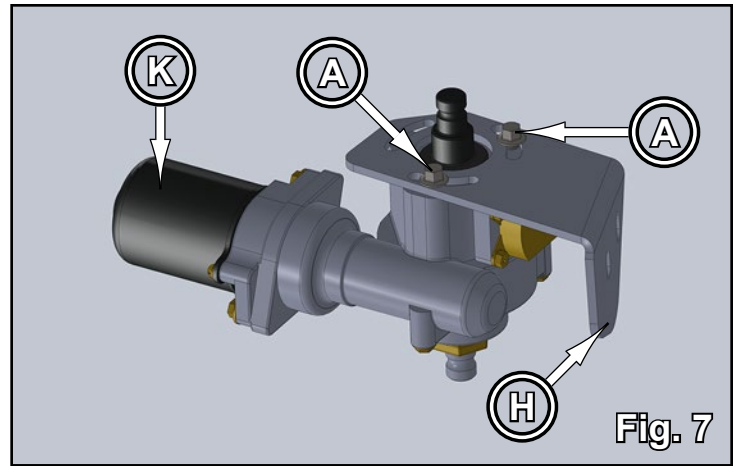
**2011 and up models, go to page 10**

9. Install Control Module Mounting Bracket (B) to machine with stock hardware. See Figs. 13 - 13a. Plug in Wire Harness (L) but do not wire.
10. Make wire connections. See Wiring Details pages 8 - 9.
11. Use stock hardware to reinstall Handlebar Block, Pod Mounting Bracket, and Handlebar to Upper Shaft (G). See Fig. 14.

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

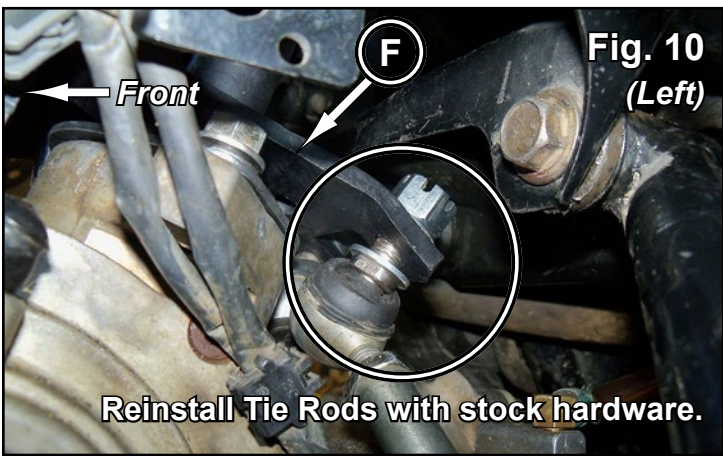
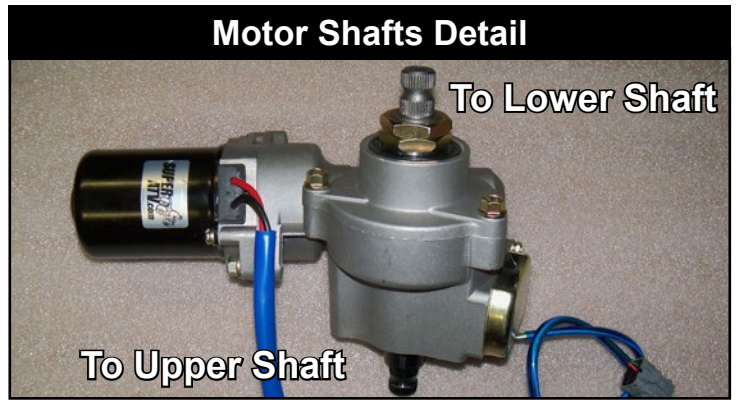
12. Tighten all hardware completely.
13. Reverse steps taken during "Removal" and reinstall necessary components.

*(Installation illustrations on following page)*

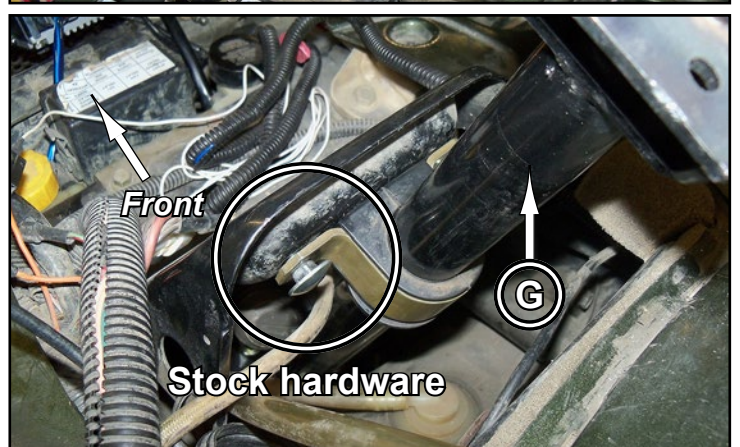
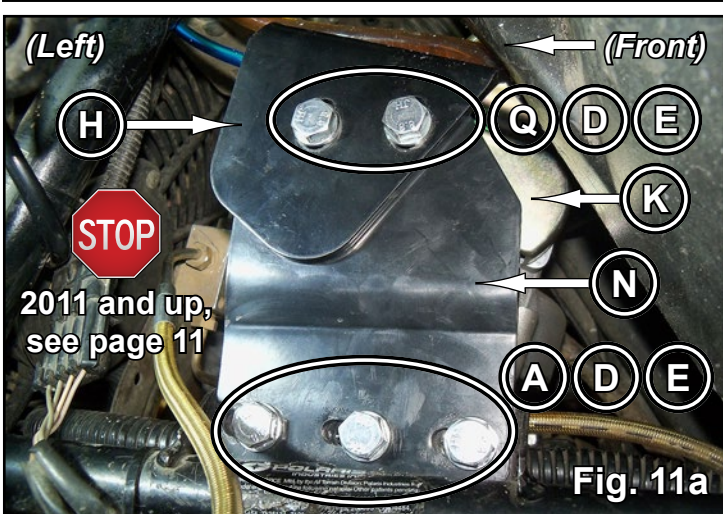
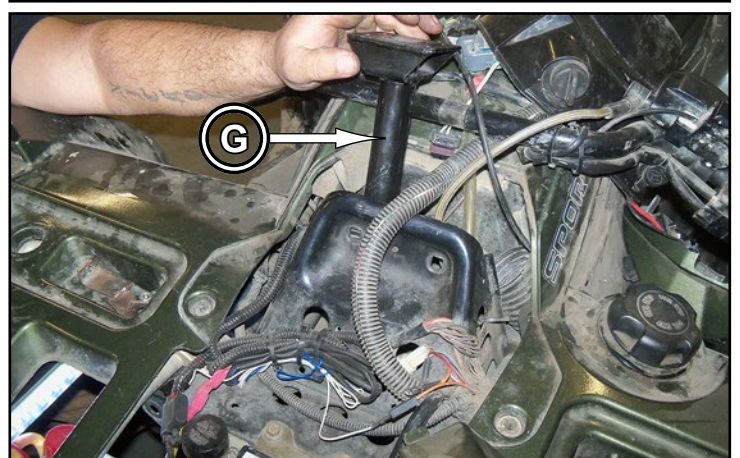
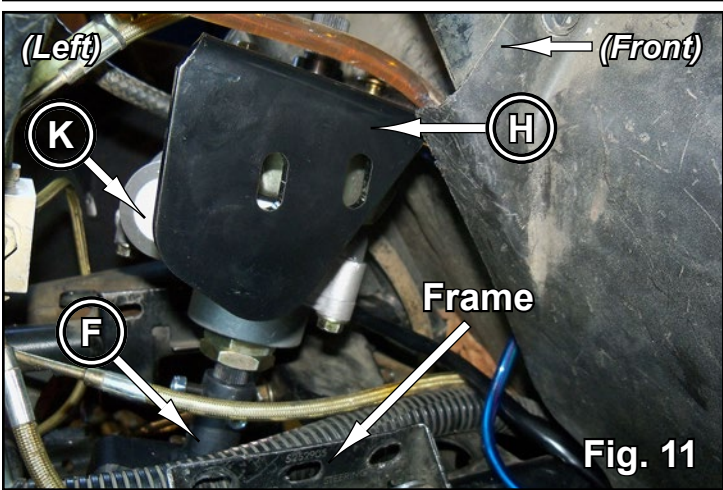




(Installation illustrations continued)



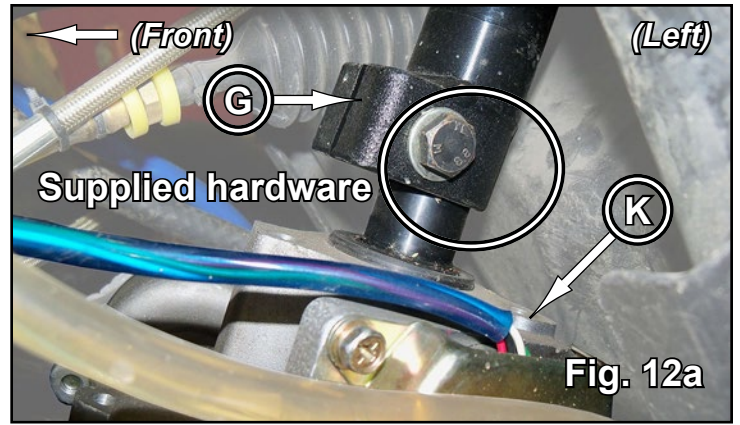
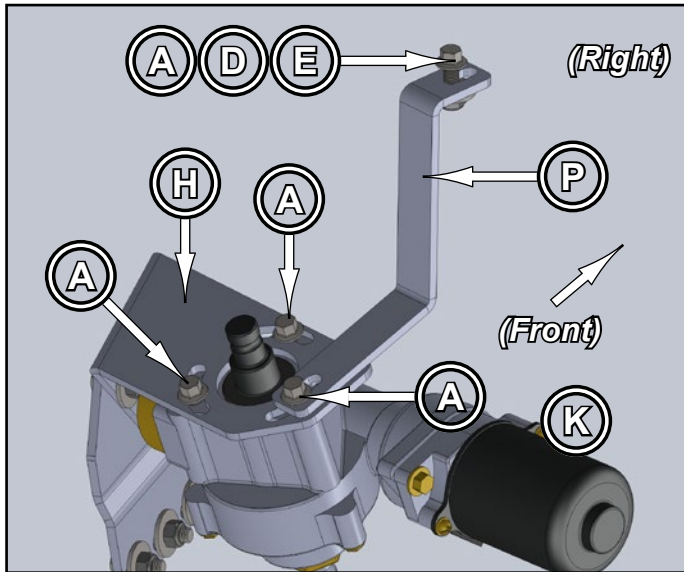
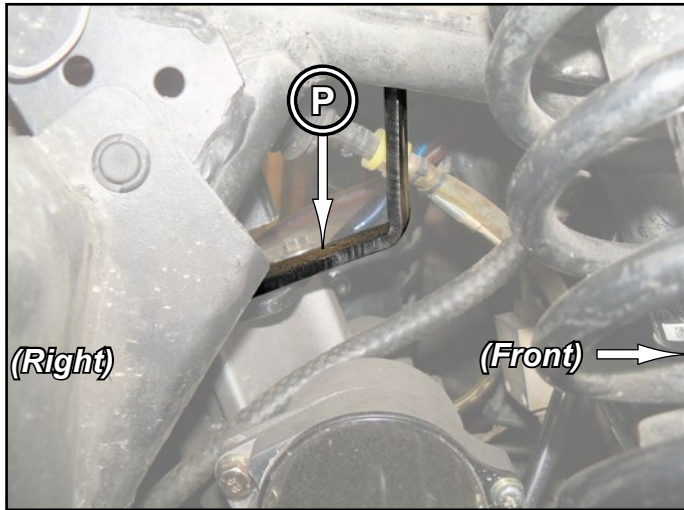
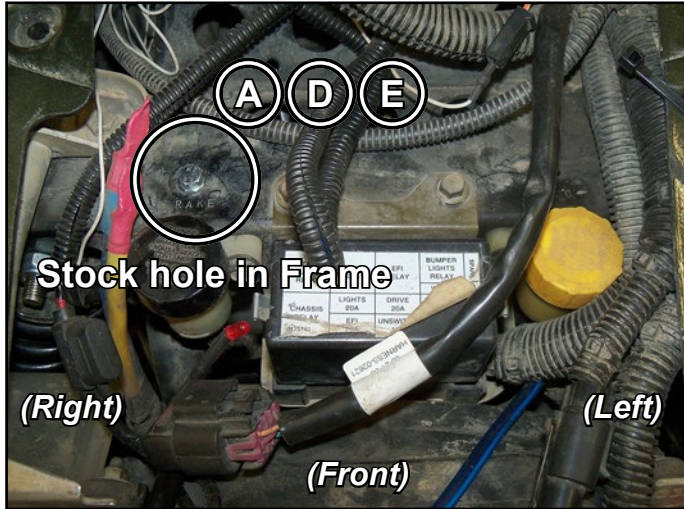
Upper Shaft (G), Fig. 12



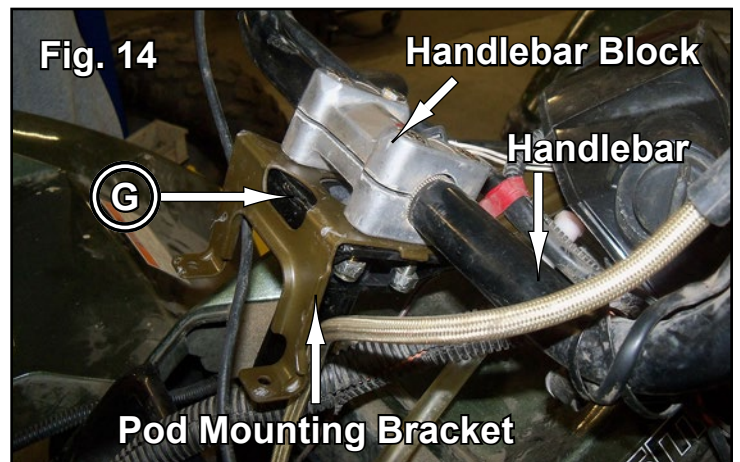
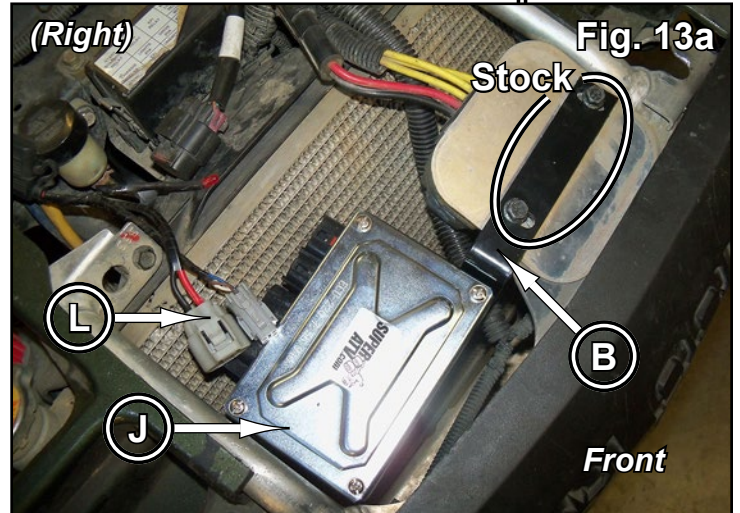


(Installation illustrations continued)

### Support Strap (P)

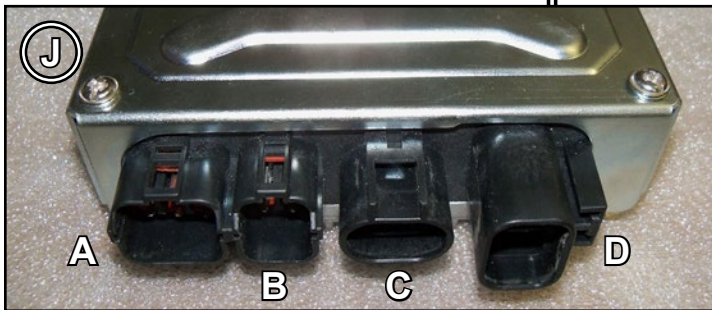
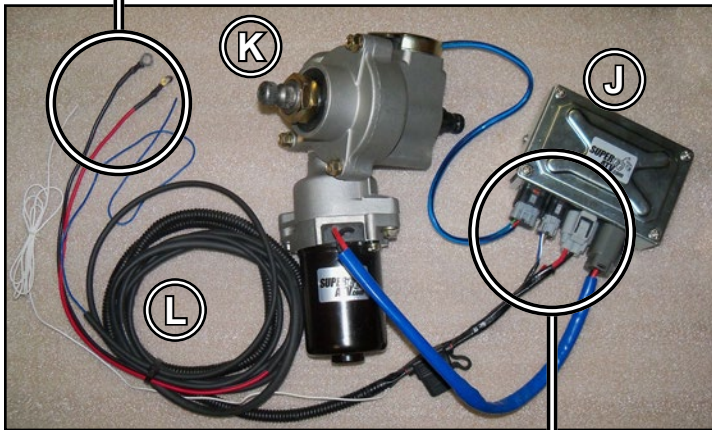
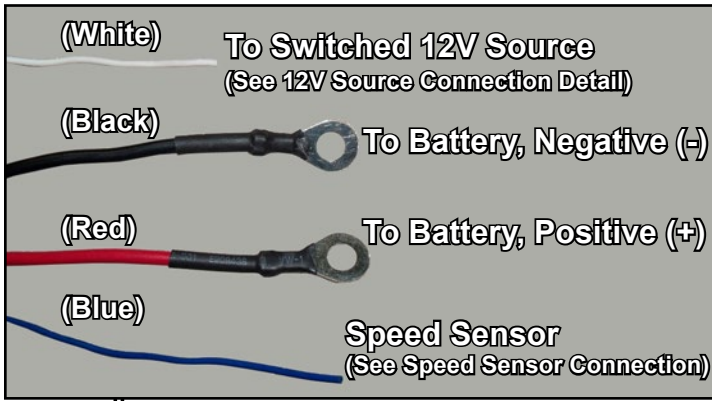


**STOP** 2011 and up, see page 10

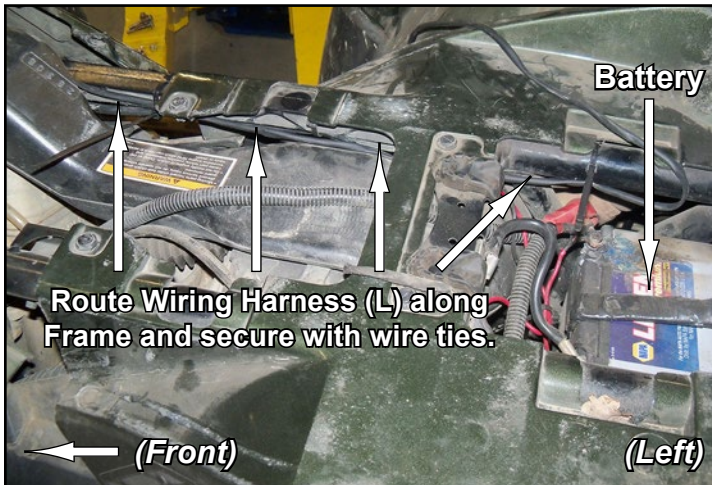




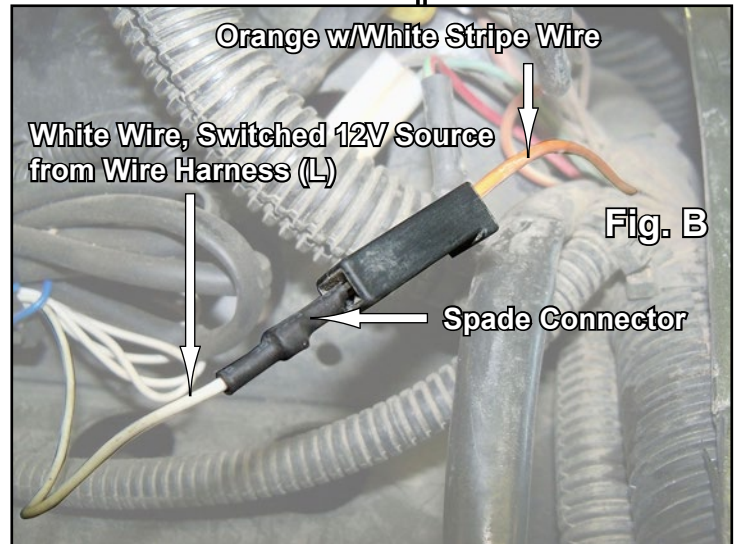
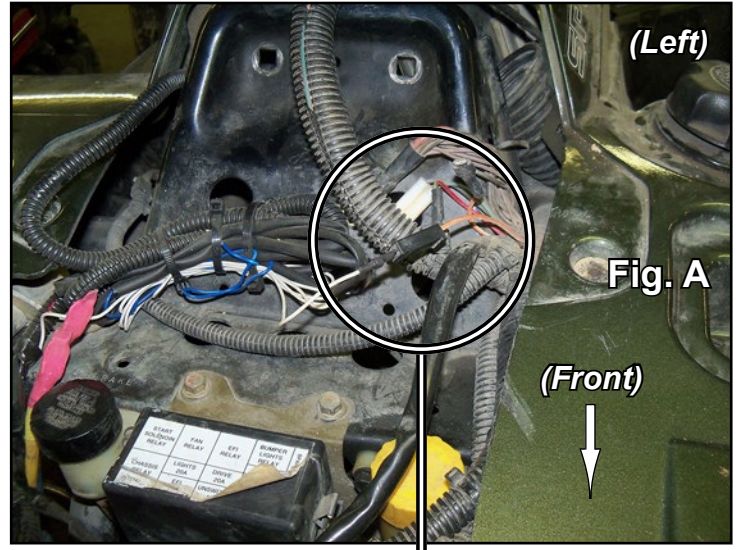
## Wiring Details



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

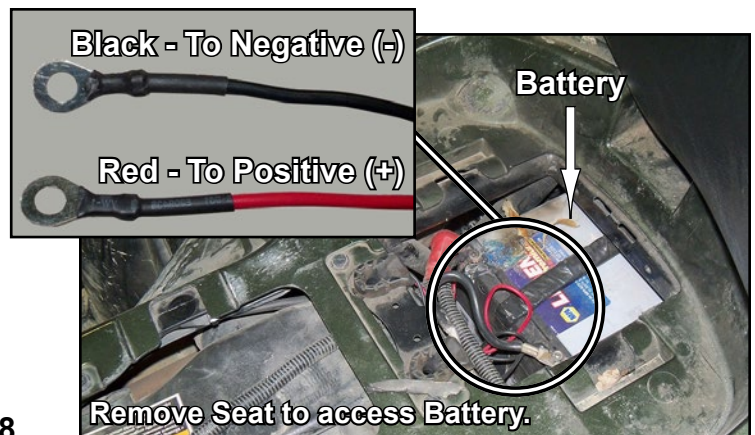


## Switched 12V Source Connection Details



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

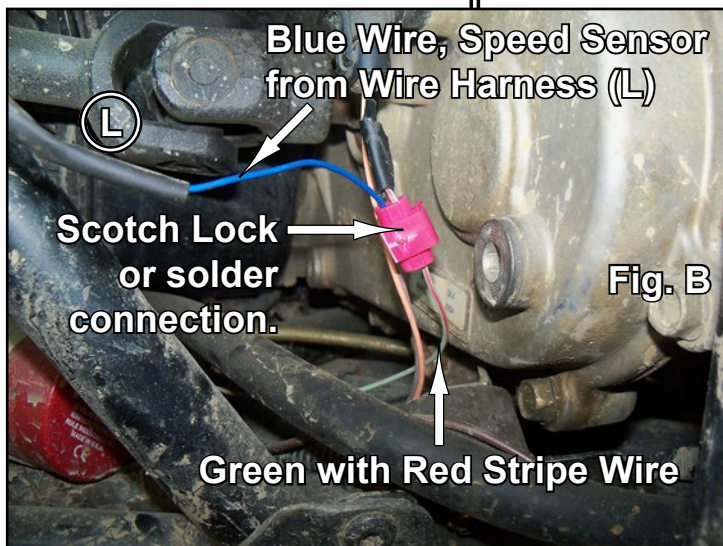
1. Locate Orange with White Stripe wire from stock Harness. See Fig. A.
2. Connect White Wire from Wire Harness (L) to Orange with White Stripe wire. Scotch Lock, Spade Connector, or solder. See Fig. B.





## 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.
3. Wrap connection with electrical tape and secure Wire Harness (L) to Frame. Ensure that no interference occurs with Suspension, Drive Shaft, etc. See Fig. A.

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.*

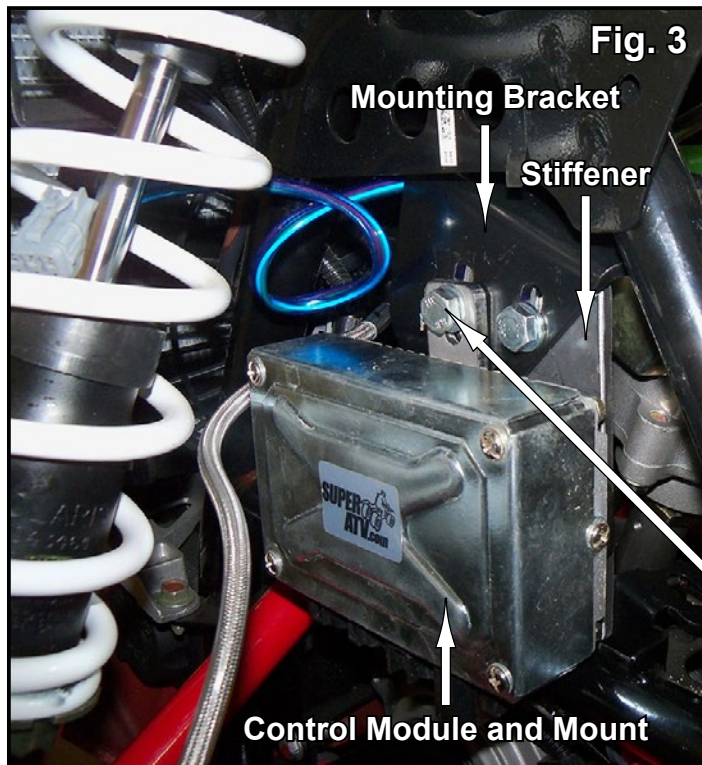
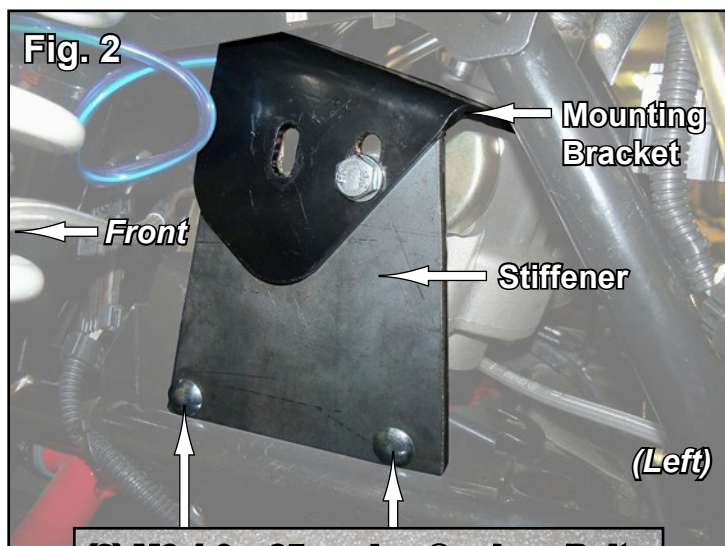
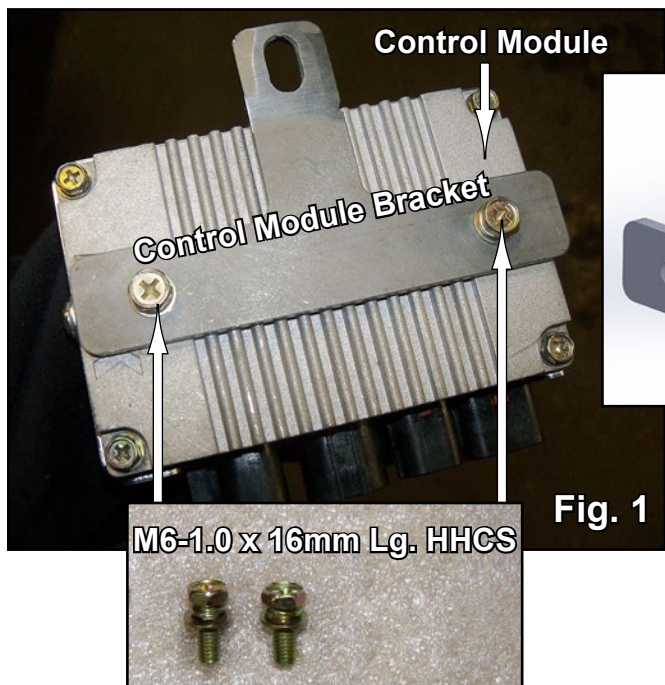




## Model years 2011 and up

**Do not tighten hardware completely unless noted.**

1. Assemble Control Module to Control Module Bracket with M6-1.0 x 16mm Lg. HHCS. See Fig. 1.
2. Install Stiffener to Frame as shown in Fig. 2 with M6-1.0 x 25mm Lg. Carriage Head Bolts, M6 Flat Washers, and M6-1.0 Nylock Nuts. See Fig. 2.
3. Install Control Module to Mounting Bracket with M8-1.25 x 30mm Lg. Hex Flange Bolt, M8 Flat Washer, M8-1.25 Nylock Nut. See Fig. 3.



- (2) M6-1.0 x 25mm Lg. Carriage Bolts
- (2) M6 Flat Washers
- (2) M6-1.0 Nylock Nuts



- (1) M8-1.25 x 30mm Lg. Hex Flange Bolt
- (1) M8 Flat Washers
- (1) M8-1.25 Nylock Nut

