

INSTALLATION INSTRUCTIONS

Yamaha Grizzly 700 Power Steering

Item	Description	Qty
B	Relocation Bracket	1
E	Support Bracket	1
G	Upper Shaft	1
H	Lower Shaft	1
J	Control Module	1
K	Motor	1
L	Wiring Harness	1
M	Wiring Connectors Kit	1
N	Mounting Bracket	1
P	Control Module Mounting Bracket	1
T	Stiffener	1
X	Foil Tape, Exhaust Wrap, and Clamp Kit	1



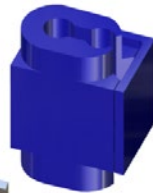
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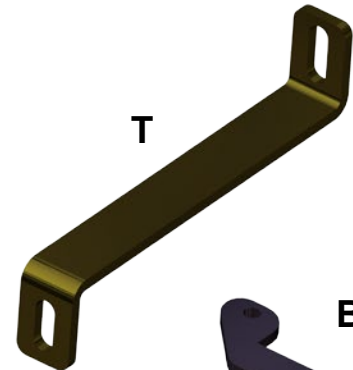
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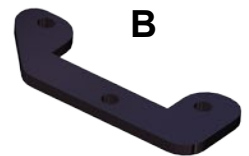
M



P



T



B

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



(Kit contents continue on following page)

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.

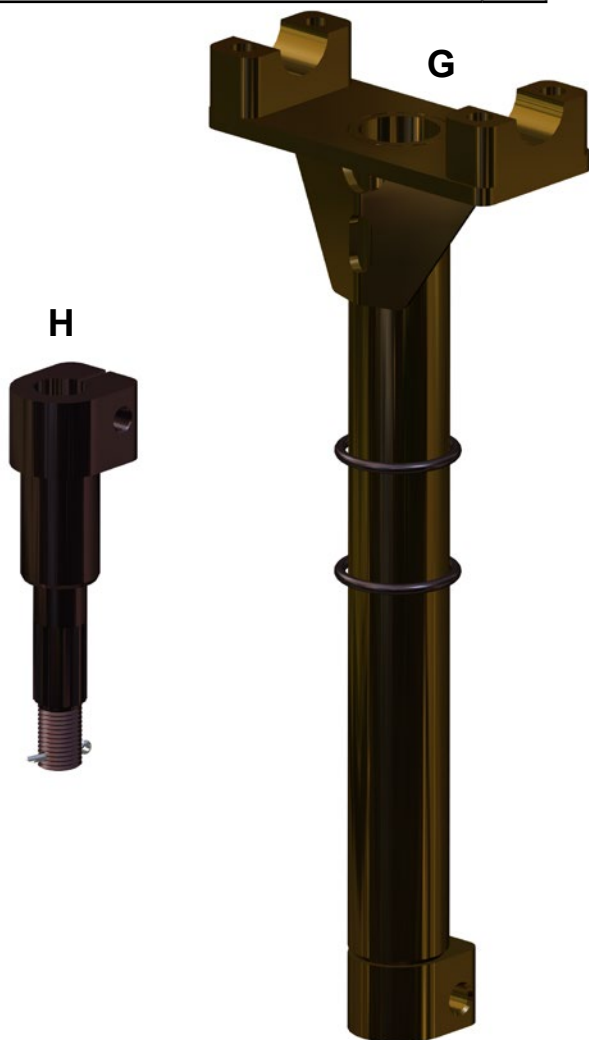
Although SuperATV has thousands of satisfied customers, user should be aware that installing lift kits, long travel, or suspension kits, tires, etc will change the ride of machine and may increase maintenance and part wear. Operating any off-road machine while, or after, consuming alcohol and/or drugs 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
A	M8-1.25 x 20mm Lg. Hex Flange Bolts	3
C	M6-1.0 x 16mm Lg. HHCS	2
G	Upper Shaft	1
H	Lower Shaft	1
J	Control Module	1
K	Motor	1
L	Wiring Harness	1
Q	M8-1.25 x 25mm Lg. HHCS	3
R	M8 Flat Washers	6
S	M8-1.25 Nylock Nuts	3
U	M6-1.0 x 20mm Lg. HHCS	2
V	M6 Flat Washers	4
W	M6-1.0 Nylock Nuts	2

(Kit contents continued)



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.

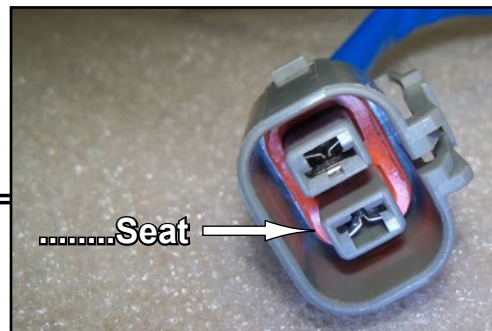
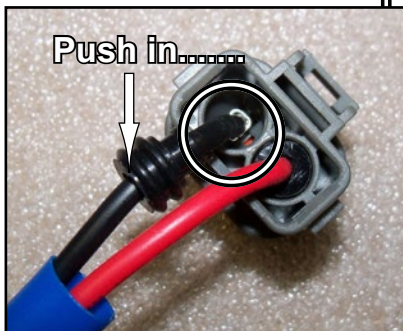
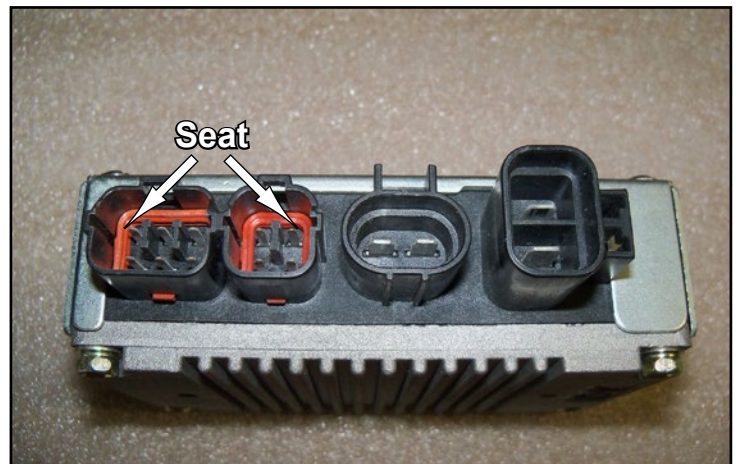
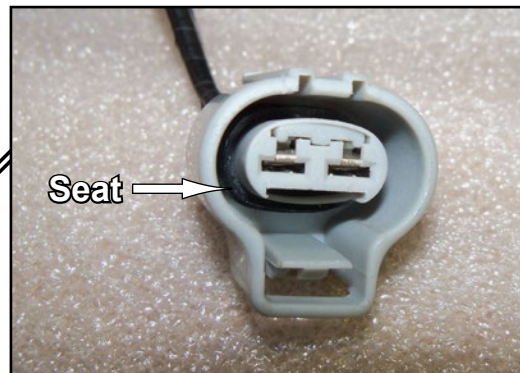
Key Recommendations:

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.

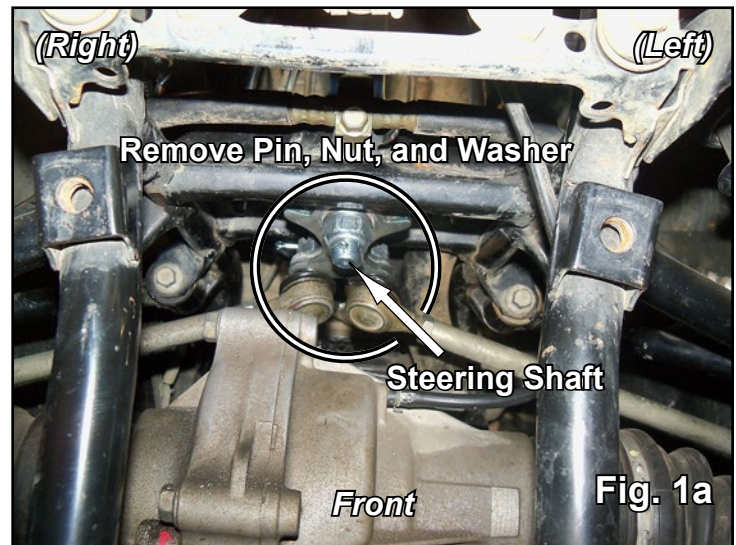
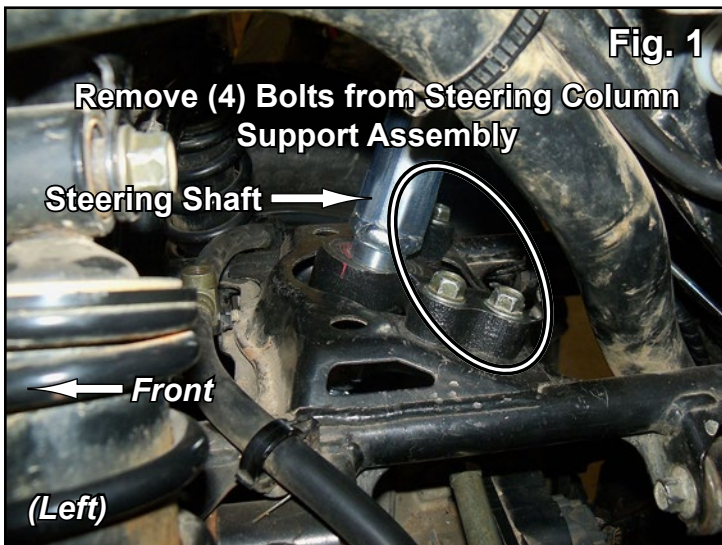




For reference, photographing of removal process is highly recommended due to amount of components being removed from machine.

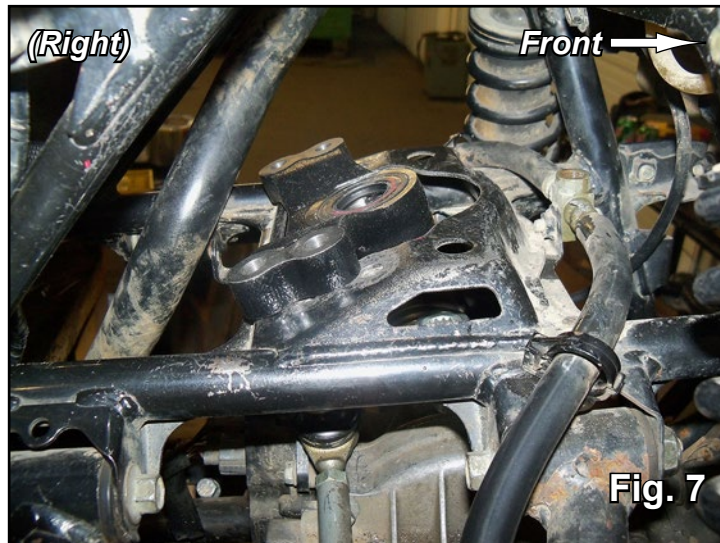
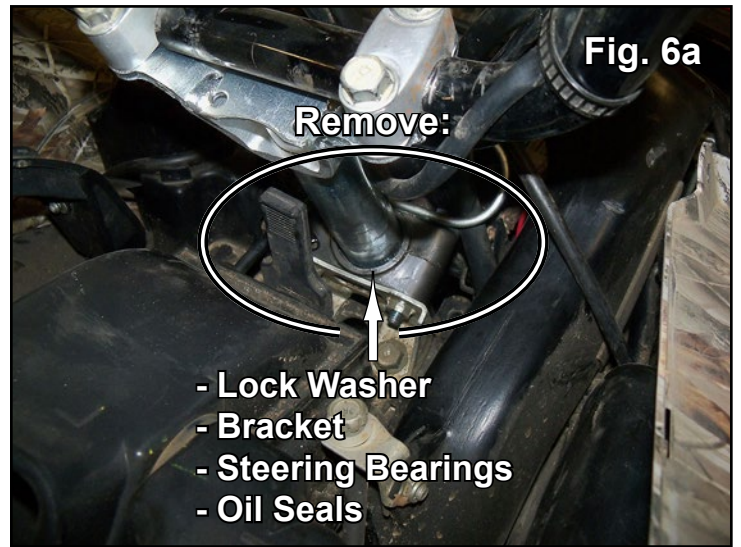
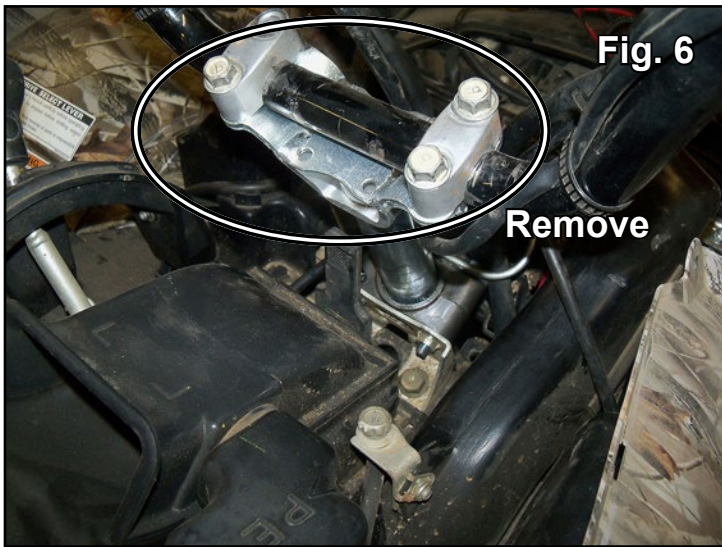
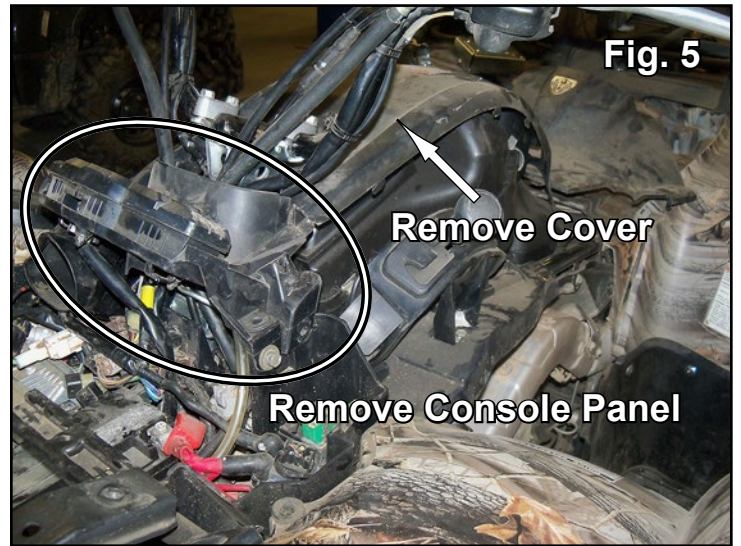
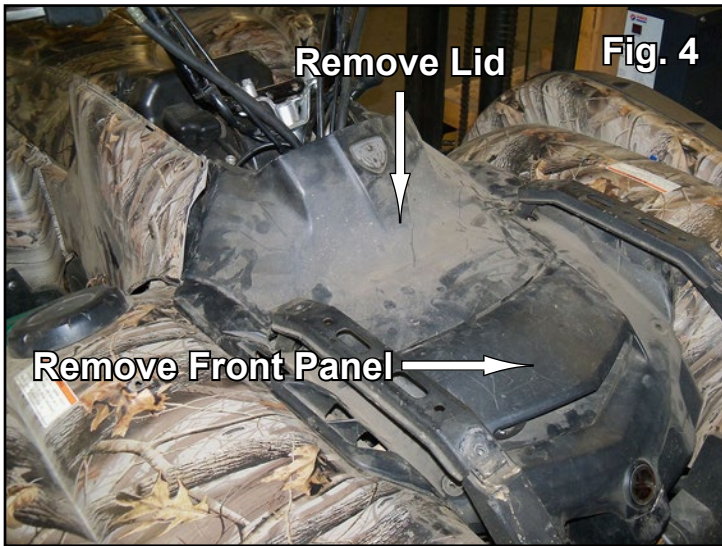
Removal: Keep all stock hardware removed from machine.

1. Raise front of machine, secure with jack stands; and remove Wheels.
2. Remove (4) Bolts from Steering Column Support Assembly. See Fig. 1.
3. Remove Pin, Nut, and Washer from Steering Shaft. See Fig. 1a.
4. Remove Seat.
5. Remove Rack and Bumper. See Fig. 2.
6. Remove Side Covers and Handlebar Cover. See Fig. 3.
7. Remove Lid and Front Panel. See Fig. 4.
8. Remove Cover and Console Panel. See Fig. 5.
9. Remove hardware from Handlebar Holders and Bracket. Lay Handlebar out of way. See Fig. 6.
10. Remove Lockwasher, Bracket, Steering Bearings, and Oils Seals from Steering Shaft. See Fig. 6a.
11. From top of machine pull Steering Shaft out. See Fig. 7.



(Removal illustrations on following pages)

(Removal illustrations continued)



Do not tighten hardware completely unless noted.

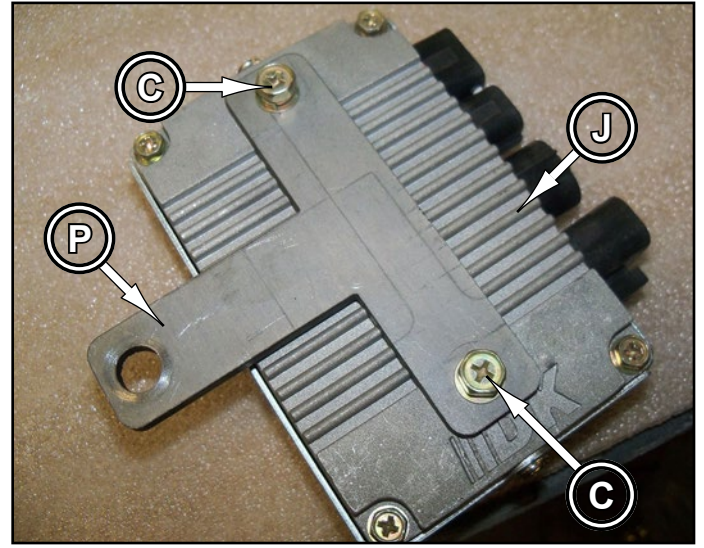
Installation:

1. Install Lower Shaft (H) to Steering Column Support Assembly.
 - On left side of Steering Column Support Assembly, *loosely* reinstall stock hardware. See Fig. 1.
 - Reinstall stock Washer, Nut, and Pin to Lower Shaft (H). See Fig. 1a.
2. Install Motor (K) onto Lower Shaft (H). Secure with provided hardware. See Motor Shafts Detail and Fig. 2.
3. Install Mounting Bracket (N) to Motor (K) with (2) M8-1.25 x 20mm Lg. Hex Flange Bolts (A). See Fig. 3.
 - Install Stiffener (T) as shown in Fig. 3b and secure with M8-1.25 x 20mm Lg. Hex Flange Bolt (A).
 - Secure opposite end of Stiffener (T) to Steering Column Support Assembly with stock hardware. See Fig. 3a.
4. From top of machine, install Upper Shaft (G) to Motor (K). Secure with provided hardware. See Figs. 3 and 3b.
 - Reinstall Lockwasher, Bracket, Steering Bearings, Oil Seals Upper Shaft (G) to Frame with stock hardware. See Fig. 4.
5. Install Support Bracket (E) to Mounting Bracket (N) with M8-1.25 x 25mm Lg. HHCS (Q), M8 Flat Washers (R), and M8-1.25 Nylock Nuts (S). See Figs. 5 - 5b.
 - Secure opposite end of Support Bracket (E) to Steering Column Support Assembly with stock hardware. See Figs. 5a - 5b.
6. Remove stock Bolt as shown in Fig. 6 and install Control Module/Bracket Assembly (J)(P) to Frame with stock Bolt. See Fig. 6.
 - Plug in Wire Harness (L) but do not wire.
7. Assemble Relocation Bracket (B) to Antifreeze Reservoir with M6-1.0 x 20mm Lg. HHCS (U), M6 Flat Washers (V), and M6-1.0 Nylock Nuts (W). See Fig. 7.
 - Reinstall with stock hardware to stock location. See Fig. 7a.
8. Reinstall Handlebar Holders, Bracket, and Handlebar with stock hardware.

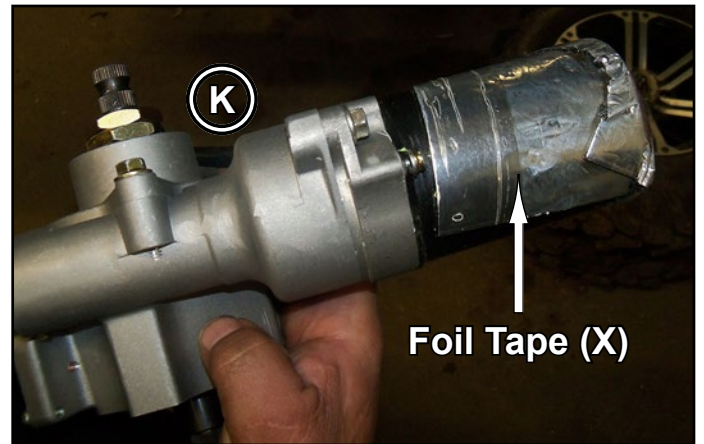
Handlebar should be inline with Tie Rods before tightening hardware. Lift Handlebar up and off of Motor (K) and realign if not.

9. Make wire connections. See Wiring Details page 9.
10. Tighten all hardware completely.
11. Reverse steps taken during "Removal" and reinstall components.

Pre assemble Control Module (J) to Control Module Mounting Bracket (P) with M6-1.0 x 16mm Lg. HHCS (C).



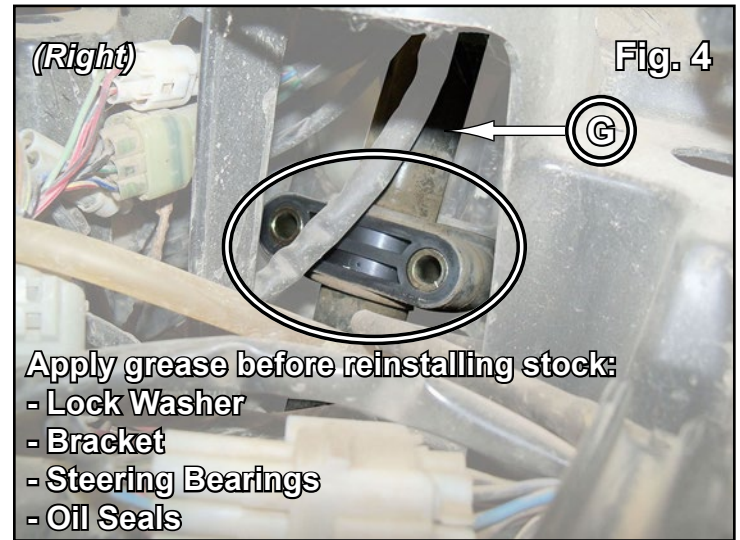
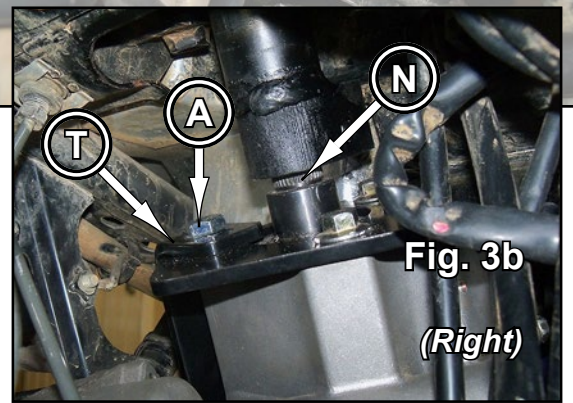
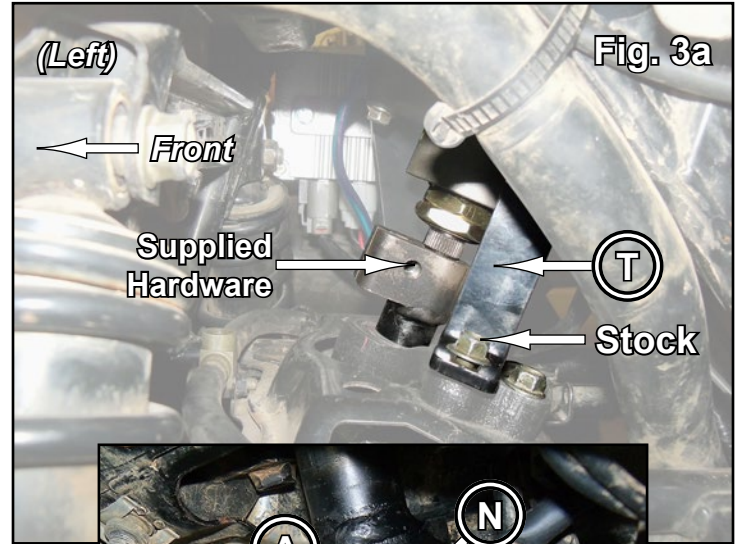
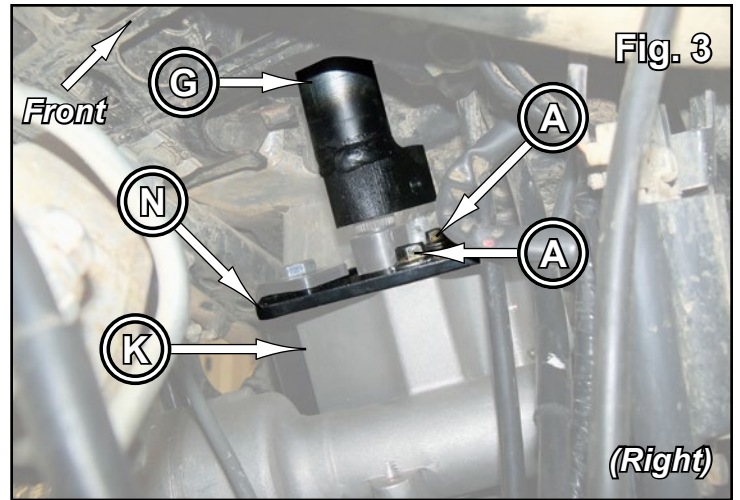
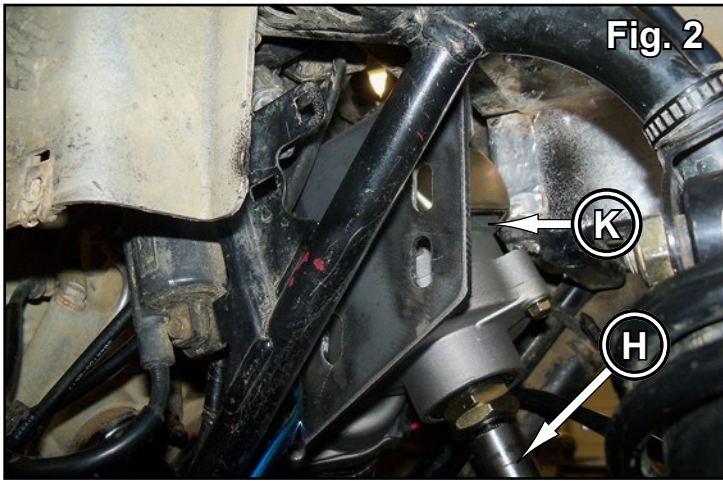
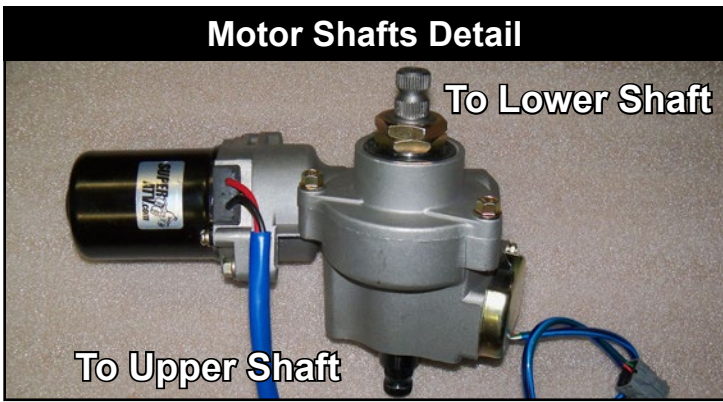
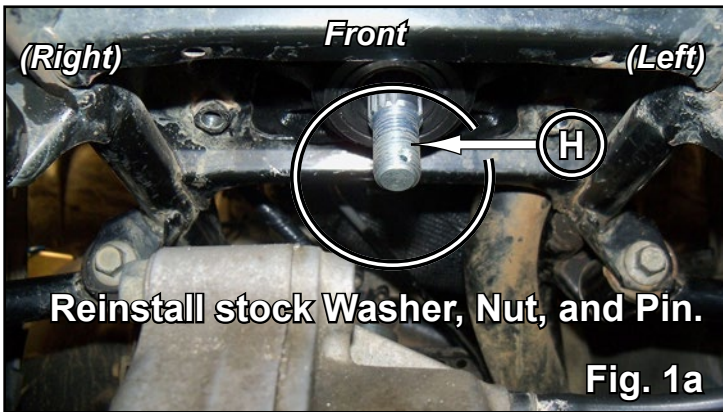
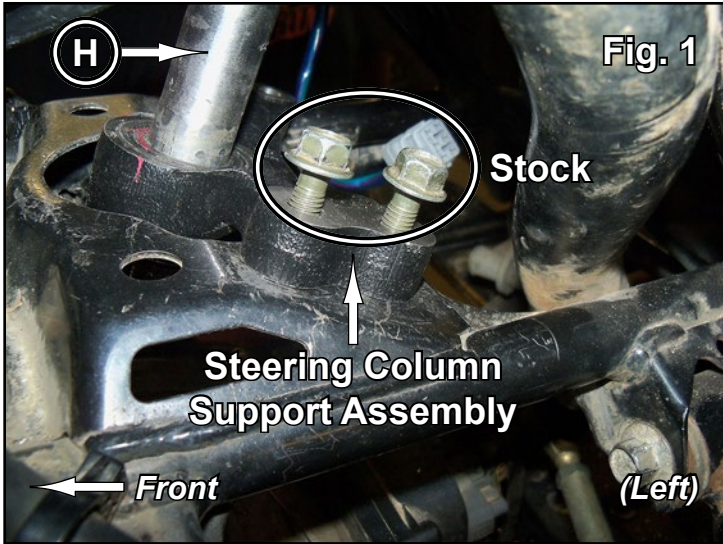
Apply, provided, Foil Tape to Motor (K).



Apply, provided, Exhaust Wrap to Exhaust Pipes and secure with, provided, Clamp.

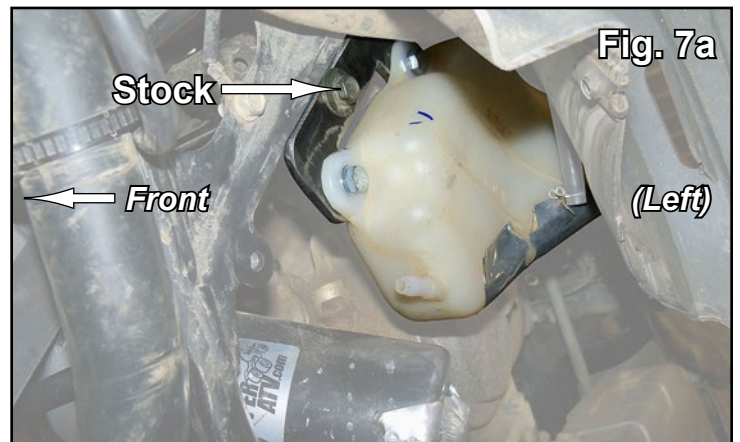
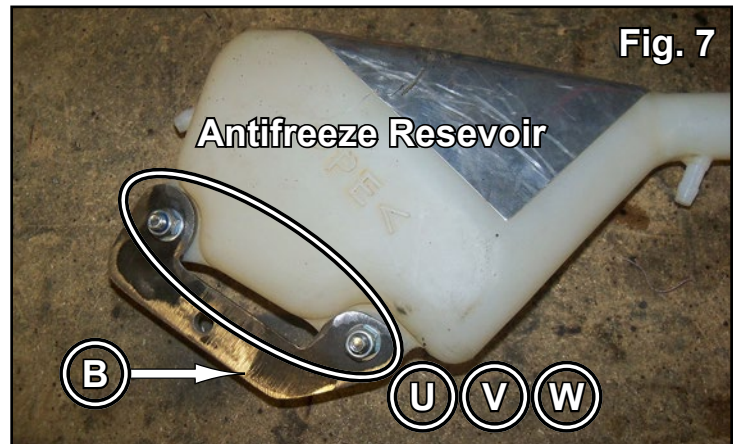
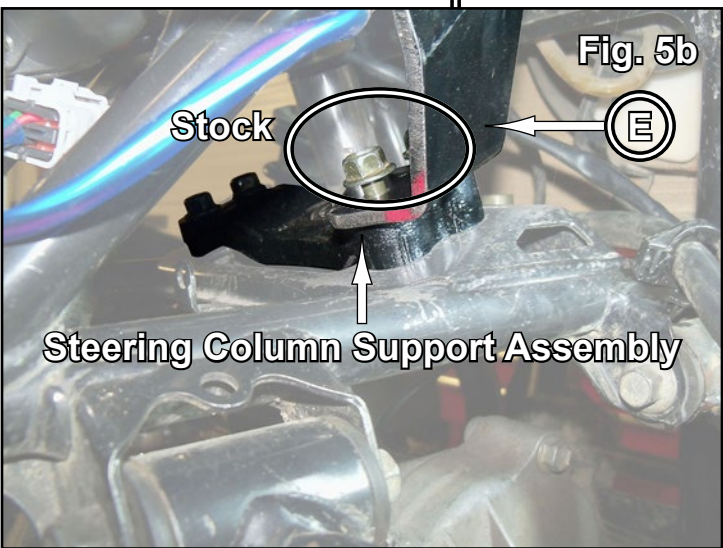
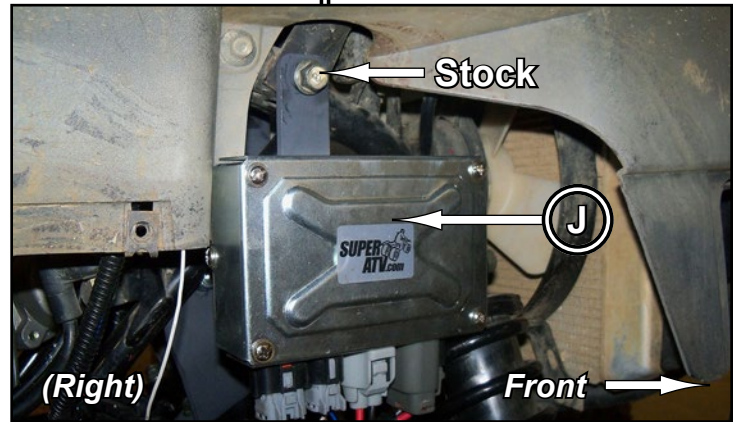
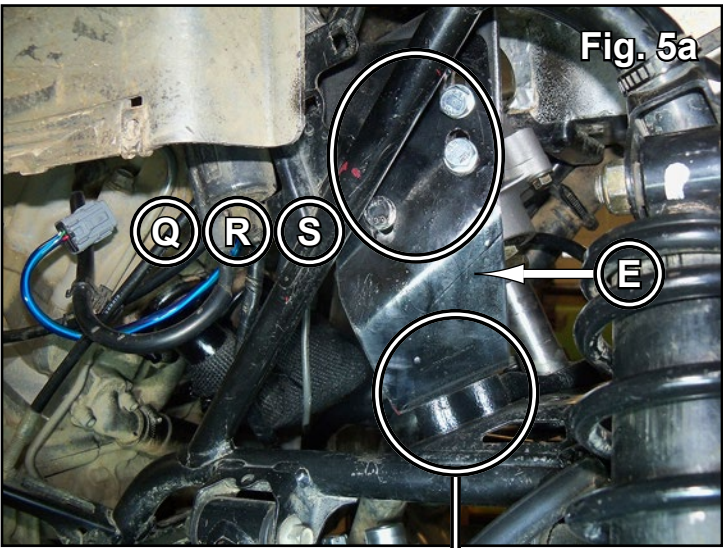
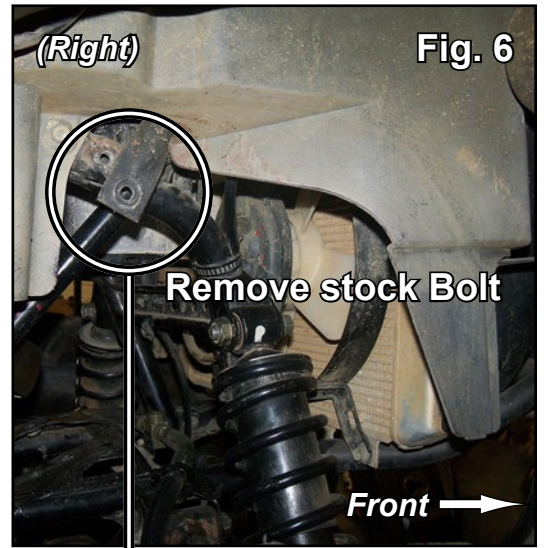
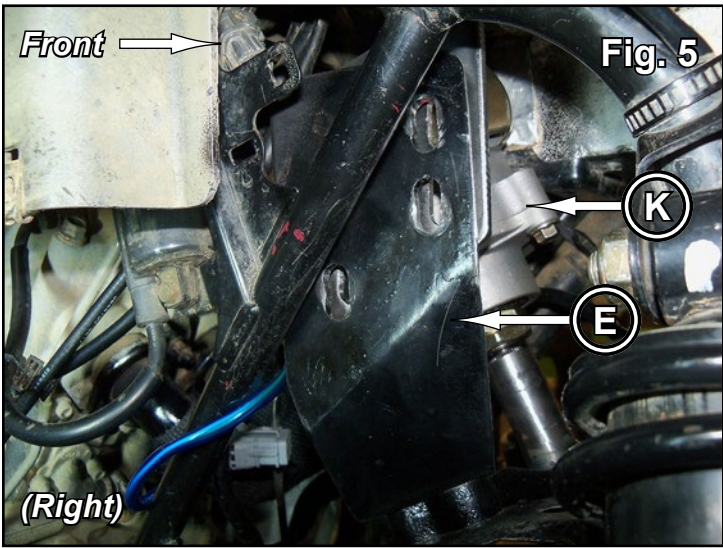


(Installation illustrations continued)

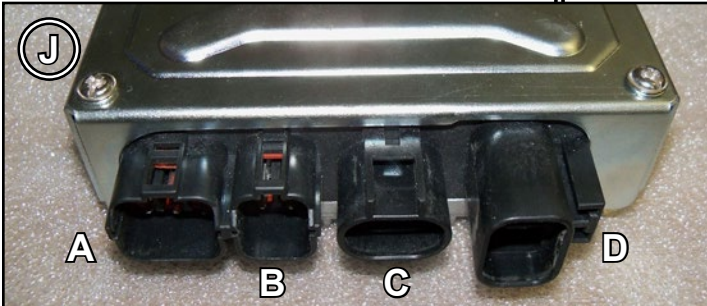
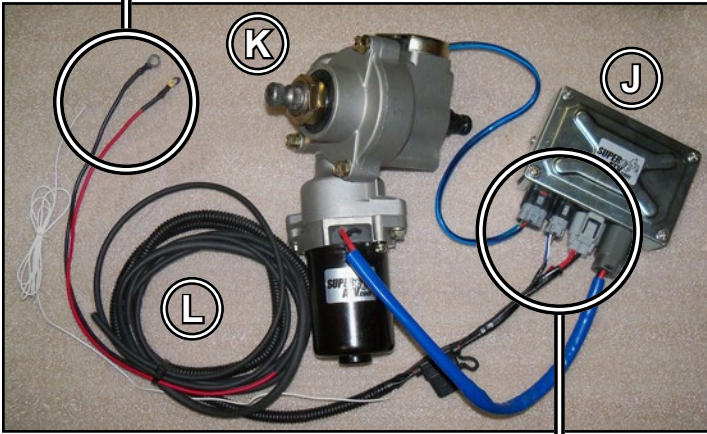
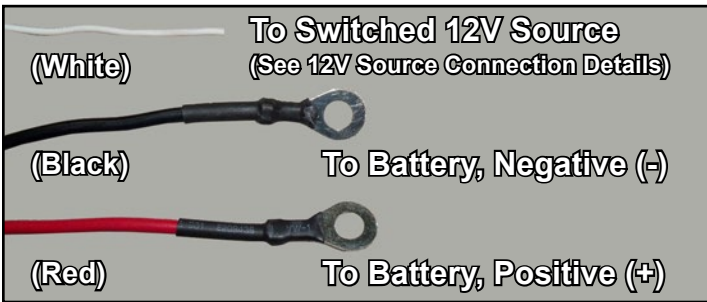


(Installation illustrations on following page)

(Installation illustrations continued)



Wiring Details



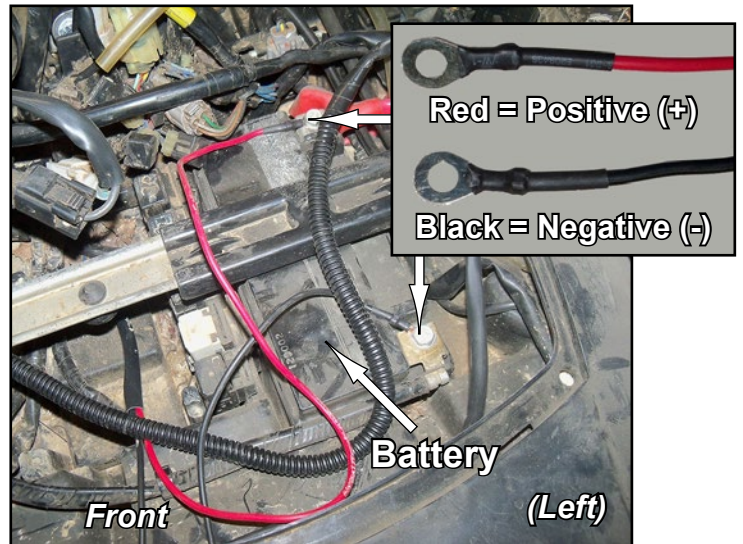
Plug	Function
A	Torque Sensor
B	Switched 12V Source
C	Power
D	Motor

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.

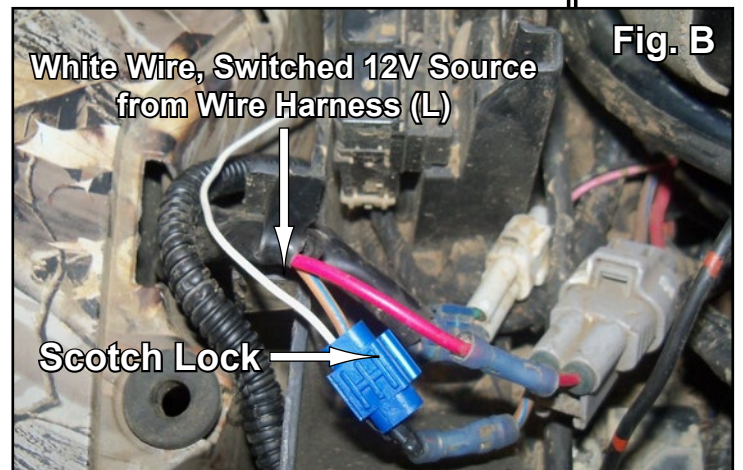


Battery Connections



Connect wires to Battery as shown.

Switched 12V Source Connection Details



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

1. Locate Connector shown in Fig. A.
2. Connect White Wire from Wire Harness (L) to Tan with Blue Stripe wire. Scotch Lock (included) or solder. See Figs. A - B.



Disregard Blue Wire if present in Wire Harness (L).