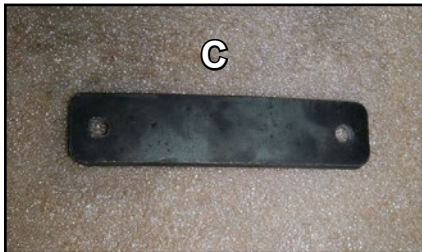


## INSTALLATION INSTRUCTIONS

### Polaris Ranger Midsize Power Steering

Item	Description	Qty
A	M8-1.25 x 20mm Lg. FHCS	3
B	M6-1.0 x 16mm Lg. HHCS	2
C	Control Box Bracket	1
G	M6-1.0 x 20mm Lg. HHCS	3
H	Control Module	1
J	Motor	1
K	Wiring Harness	1
L	M6 Flat Washers	6
M	M6-1.0 Nylock Nuts	3
P	Plastic Rivets	10
Q	16" x 16" Rubber Mat (not shown)	1

(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.

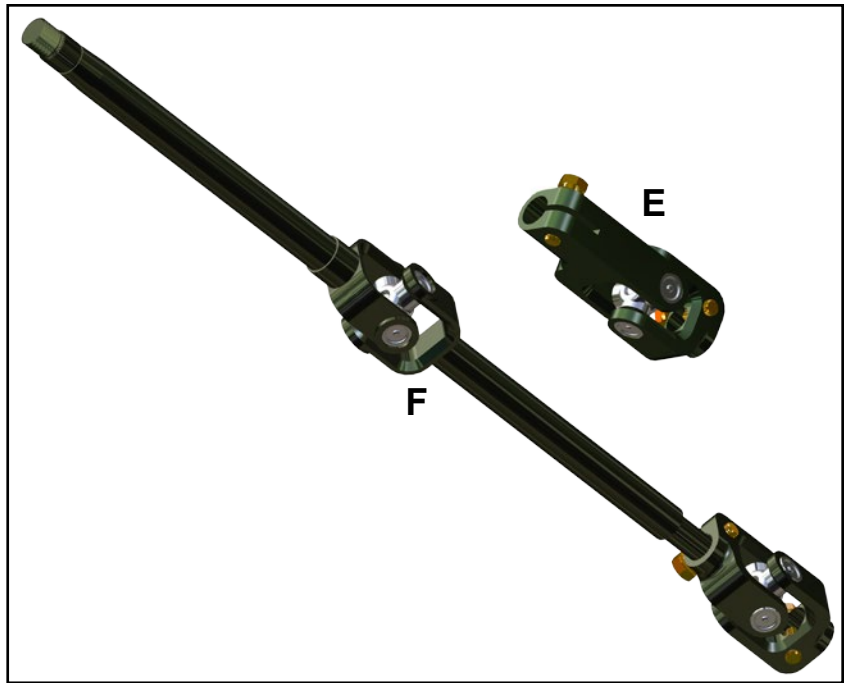
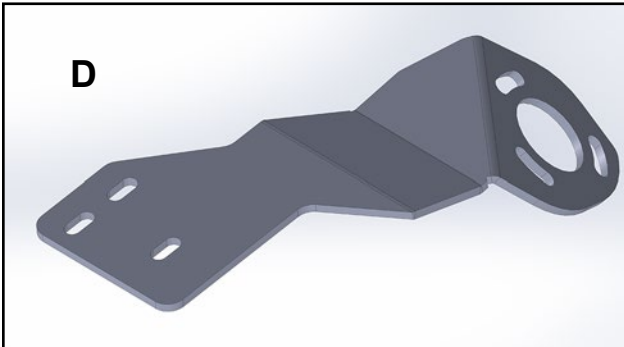
Although SuperATV has thousands of satisfied customers, user should be aware that installing lift kits, long travel, or suspension kits, tires, etc will change the ride of machine and may increase maintenance and part wear. Operating any off-road machine while, or after, consuming alcohol and/or drugs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

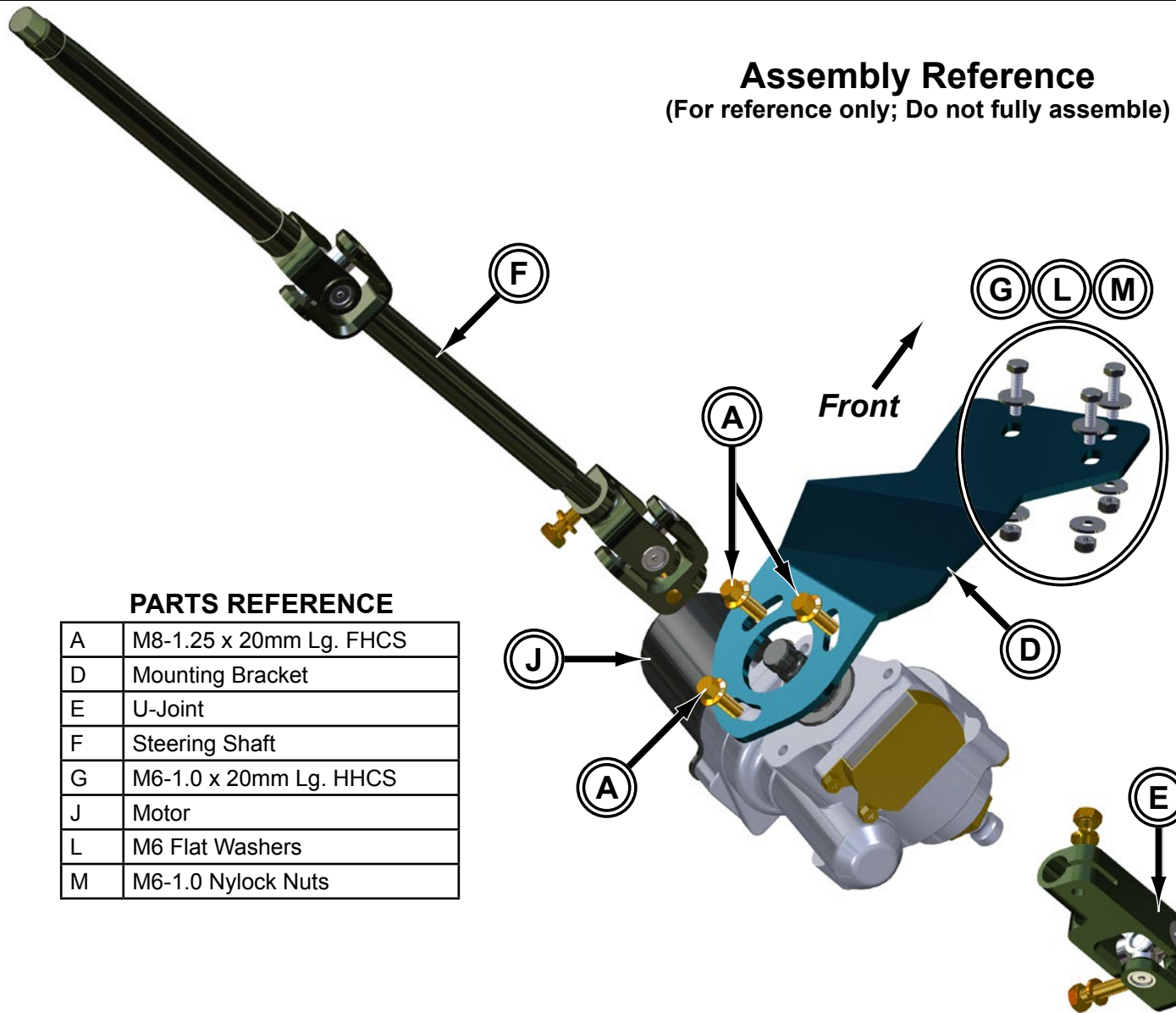
SuperATV will warranty only parts provided by SuperATV. Any damage or problems with OEM housings, bearings, seals, or other manufacturers products will not be covered by SuperATV. SuperATV parts and products are not warranted if item was not installed properly, misused, or modified.

(Kit Contents continued)

Item	Description	Qty
D	Mounting Bracket	1
E	U-Joint	1
F	Steering Shaft	1



**Assembly Reference**  
(For reference only; Do not fully assemble)



**PARTS REFERENCE**

A	M8-1.25 x 20mm Lg. FHCS
D	Mounting Bracket
E	U-Joint
F	Steering Shaft
G	M6-1.0 x 20mm Lg. HHCS
J	Motor
L	M6 Flat Washers
M	M6-1.0 Nylock Nuts



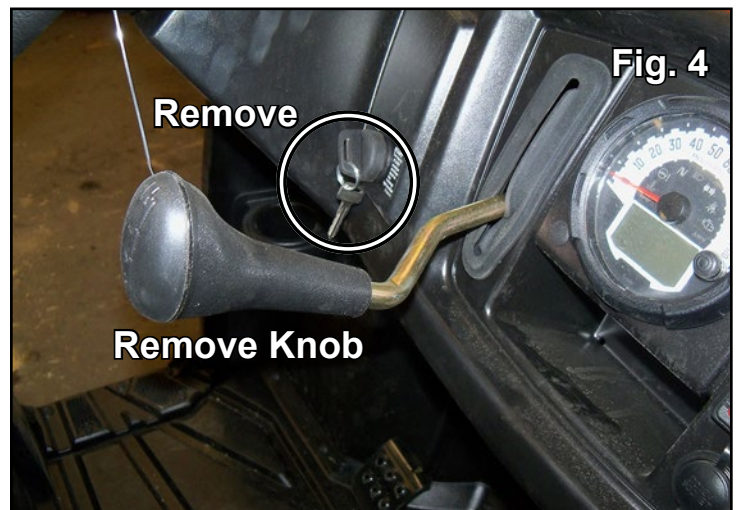
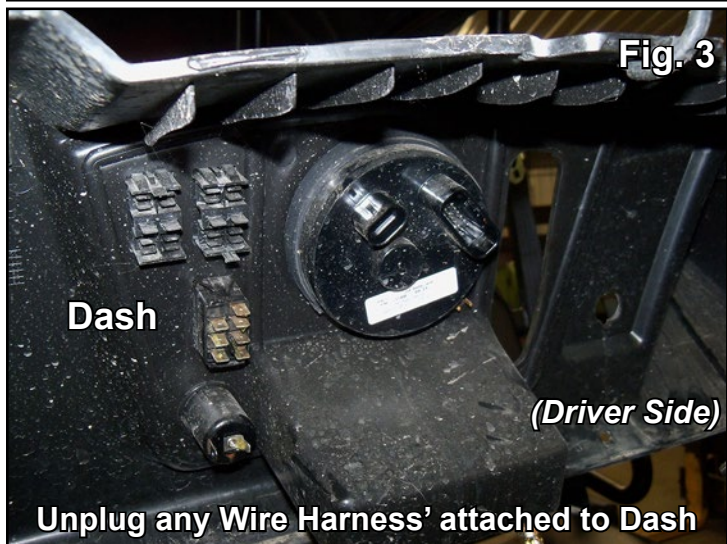
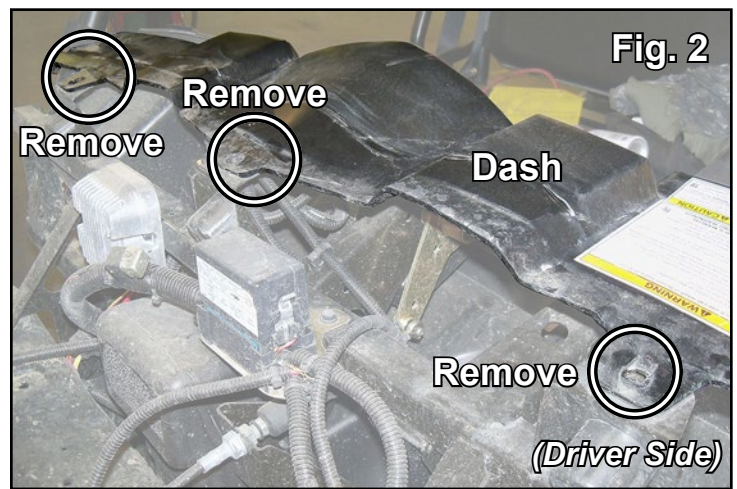
## DISASSEMBLY

**Keep all stock hardware and components.**

1. Remove Window, if present, and Raise Hood. See Fig. 1.
2. Remove Steering Wheel along with any Spacers and Washers.
3. Remove (3) Torx Head Screws located where Dash installs to Frame. See Fig. 2.
4. Remove any Wire Harness' that are connected to Dash. See Fig. 3.
5. Remove Parking Brake Knob and Ignition Switch. See Fig. 4.
6. From inside Glove Box, remove Torx Head Screw. If applicable, Driver Side Storage Bin also contains a Torx Head Screw. See Fig. 5 and Fig. 5a.
7. Remove Plastic Rivets where Dash installs to Firewall. See Fig. 5a and Fig. 6.
8. Raise Dash and support with a strap. See Fig. 7.
9. Remove Accelerator. See Fig. 8.
10. Remove Brake Pedal. See Fig. 9 and Fig. 9a.

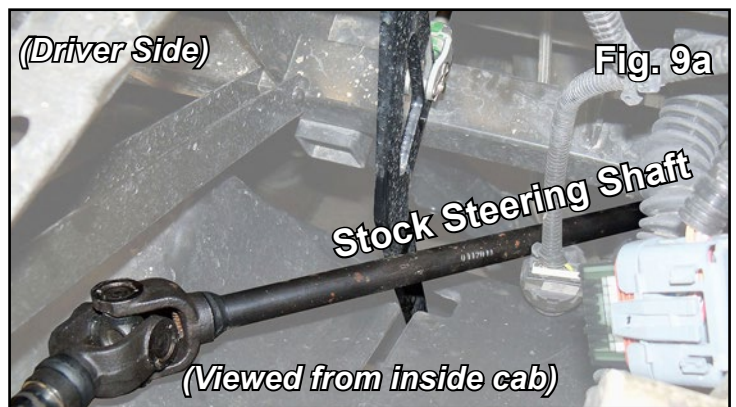
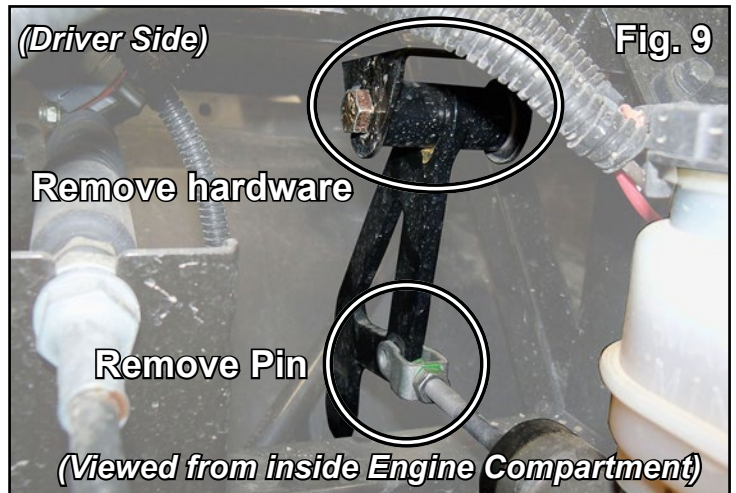
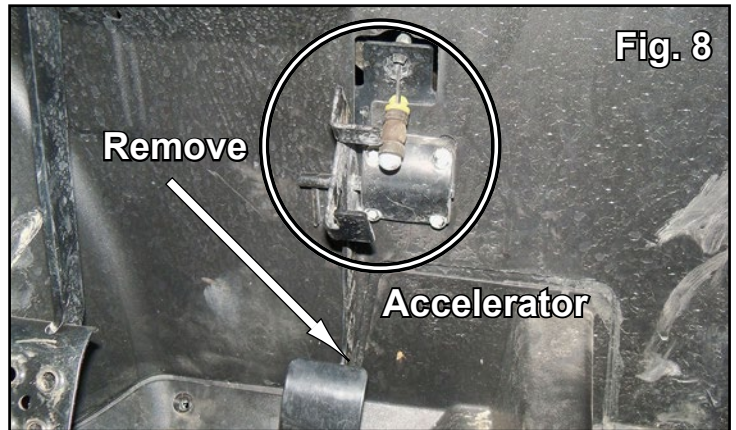
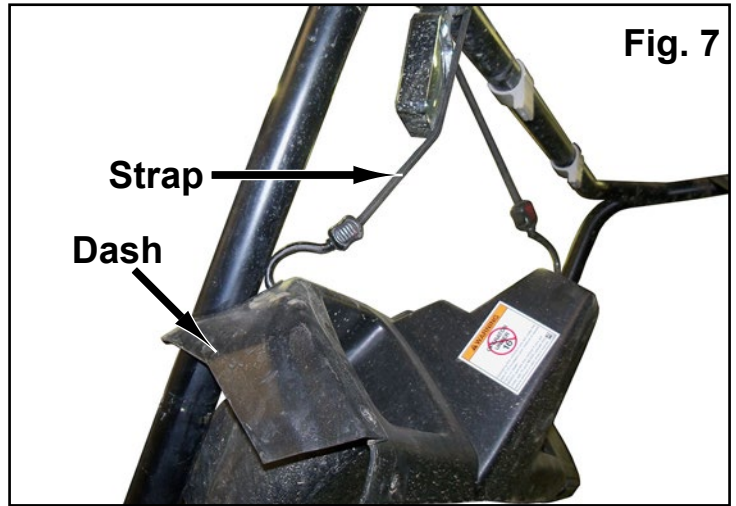
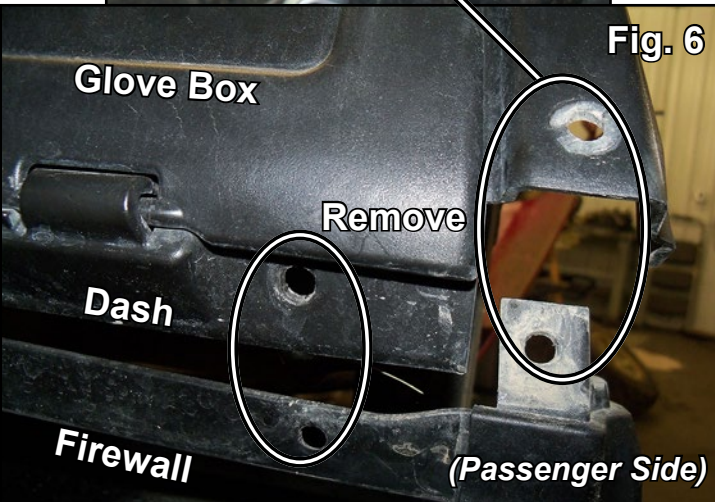
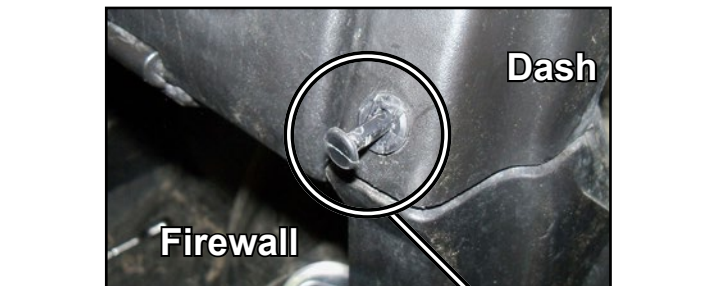
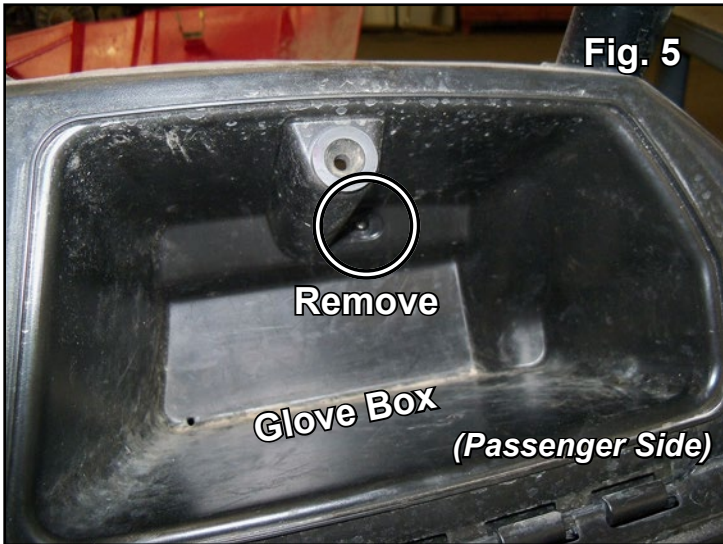
### **Following Steps refer to removing Firewall**

11. Remove Plastic Rivets and Torx Head Screws as shown in Fig. 10 - 10b and Firewall Reference.
12. Remove Driver and Passenger Side Floor Panels shown in Fig. 11 - 11a to access remaining Torx Head Screws; Remove.
13. Remove Firewall.
14. From Driver Side Fender Well, remove Inner Panel. See Fig. 12.
15. Remove hardware securing Rack and Pinion to Frame. Leave Rack and Pinion in place See Fig. 13 - 13b.
15. Remove Stock Steering Shaft. See Fig. 14.



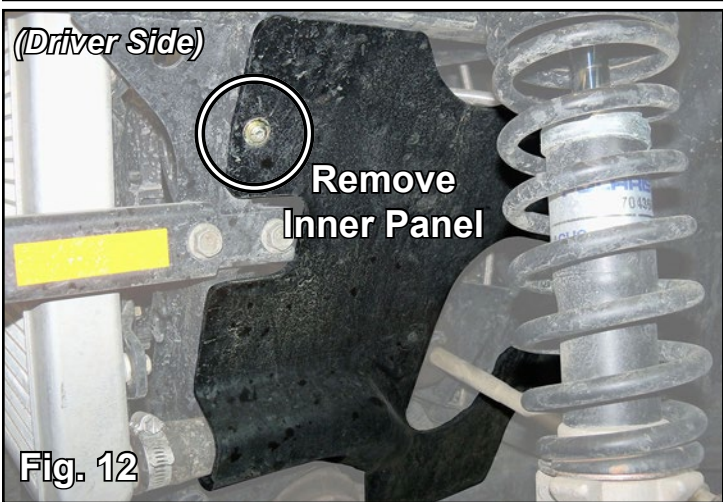
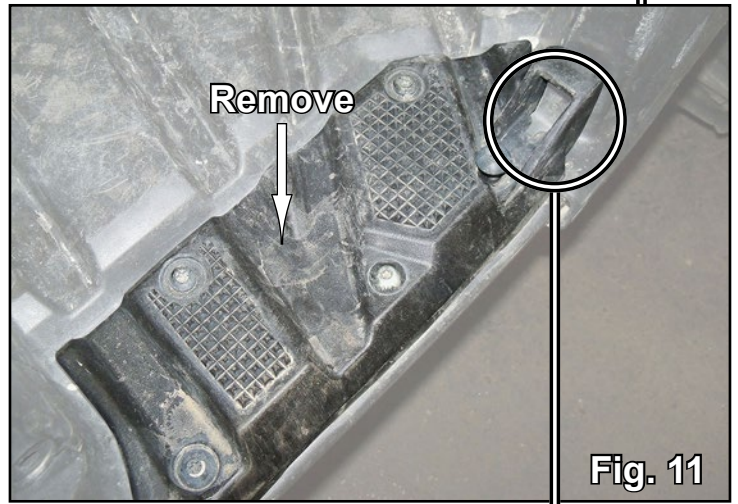
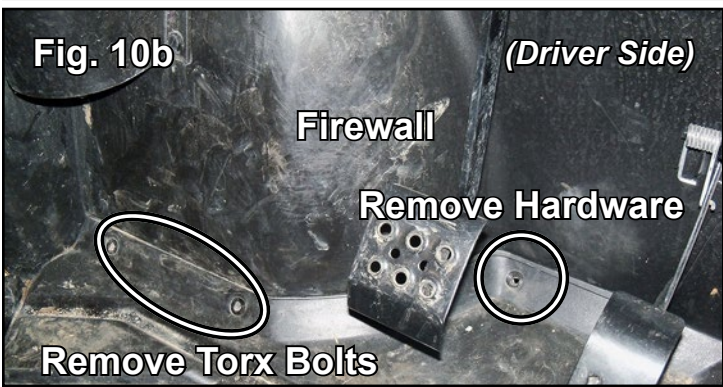
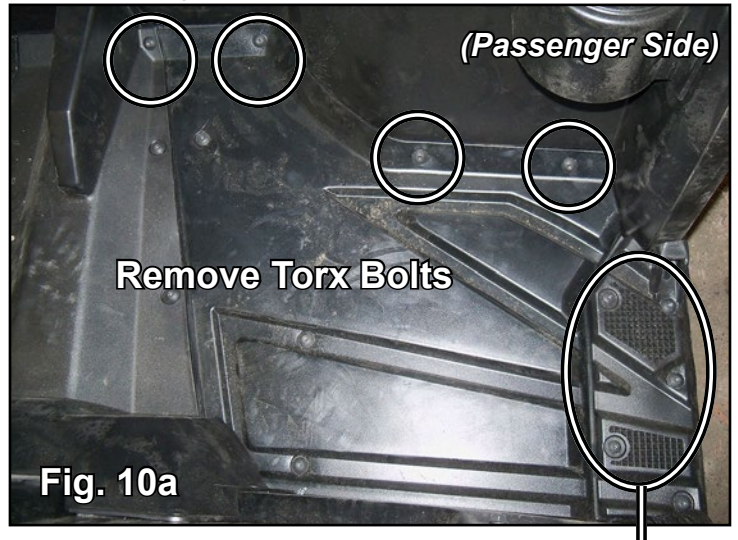
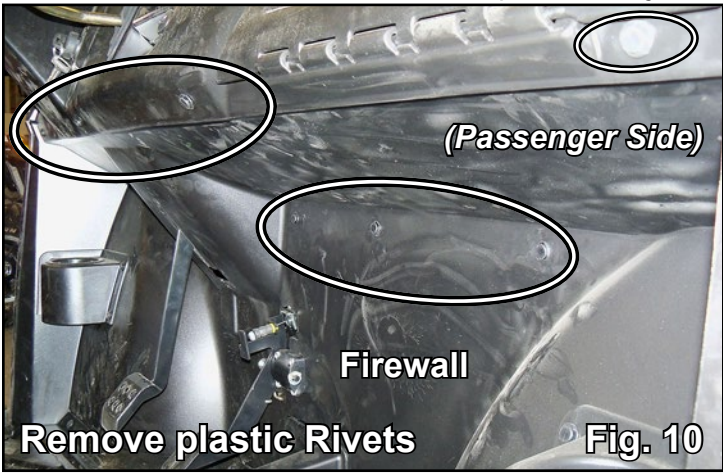
*(Illustrations continue on following pages)*





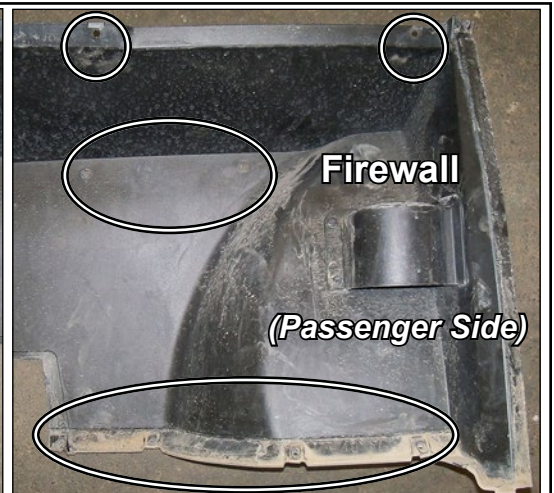
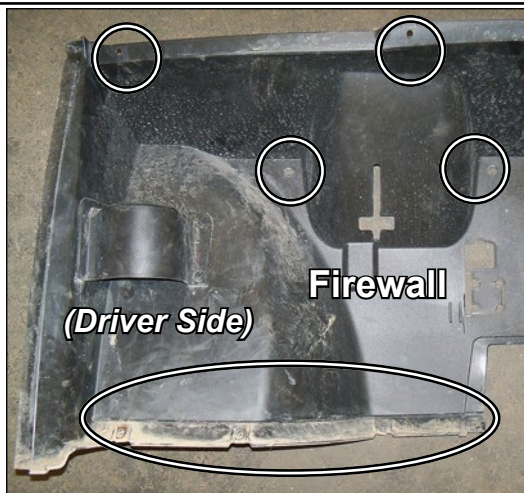
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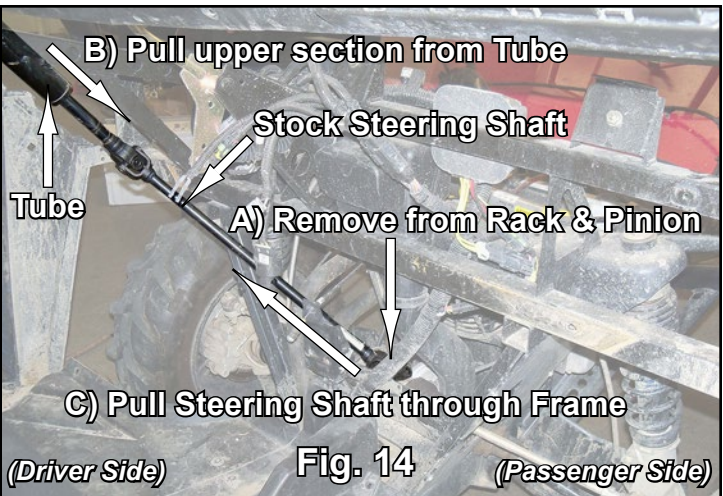
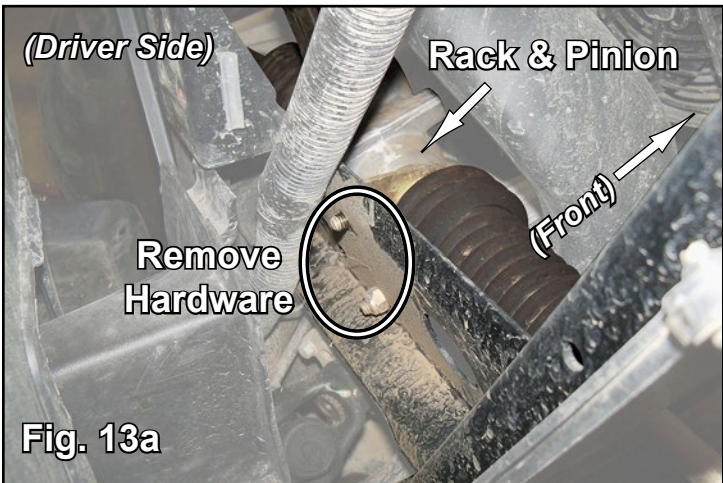
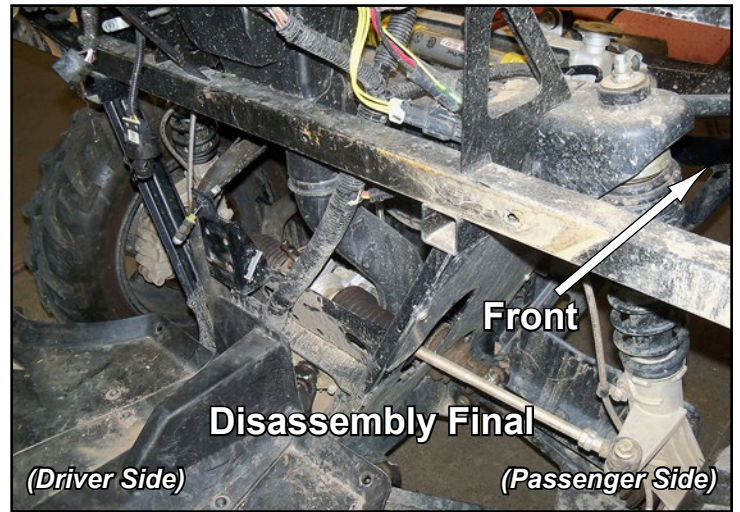
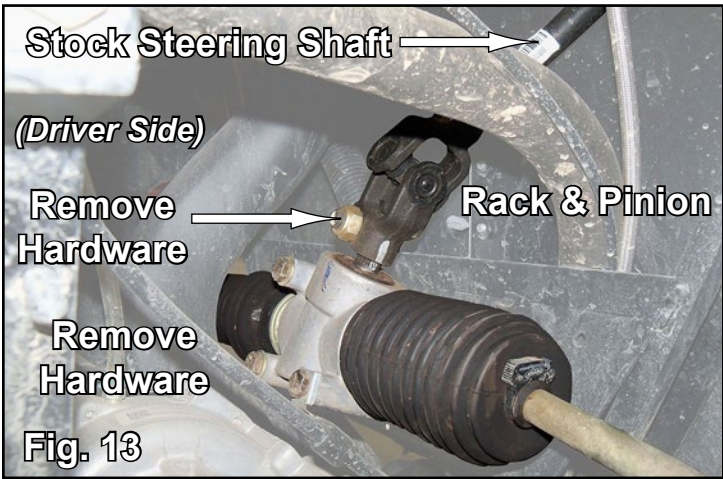
**FIREWALL REFERENCE**

Illustration shows Firewall off machine with locations of Plastic Rivets and Torx Head Screws that must be removed.





(Disassembly illustrations continued)

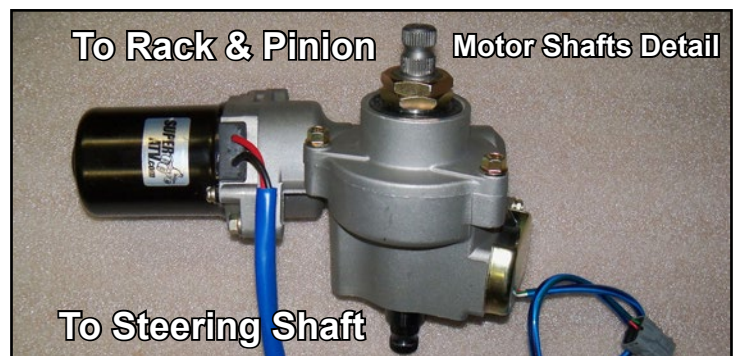
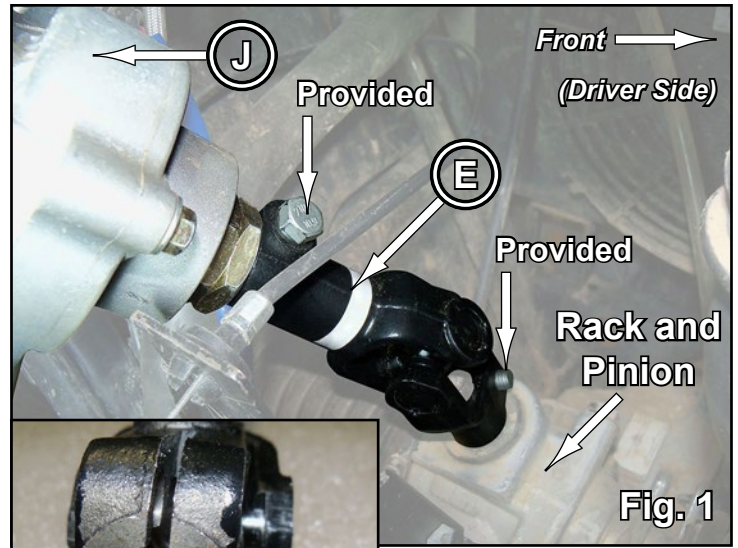




**ASSEMBLY**

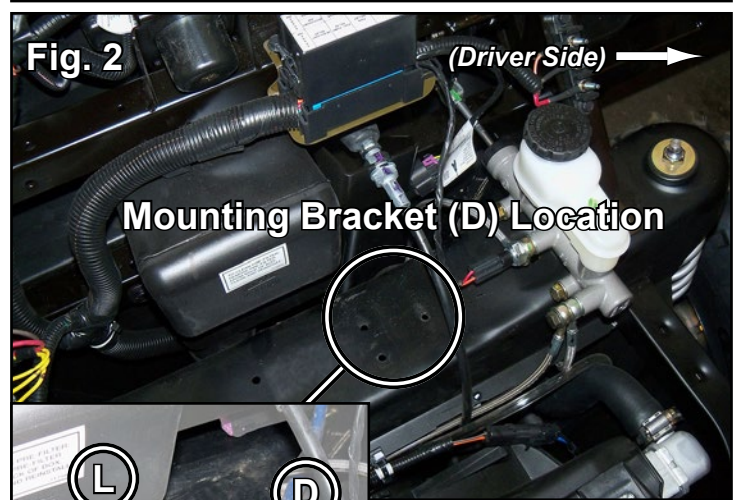
**Do not tighten hardware completely unless noted.**

1. Install U-Joint (E) to Rack and Pinion with provided hardware. See Fig. 1.
2. Install Motor (E) onto U-Joint (E) with provided hardware. See Motor Shafts Detail and Fig. 1.
3. Install Mounting Bracket (D) to Frame with M6-1.0 x 20mm Lg. HHCS (G), M6 Flat Washers (L), and M6-1.0 Nylock Nuts (M). See Fig. 2.
4. Install Motor (J) to Mounting Bracket (D) with M8-1.25 x 20mm Lg. Hex Flange Bolts (A). Slight bending of Bracket may be required for clearance. See Figs. 3 - 3a.
5. Insert Steering Shaft (F), along with stock Spacers and Washers, into Steering Tube. Secure to Motor (J) with provided hardware. Reinstall Steering Wheel along with stock Spacers and Washers. See Figs. 4 - 4a.
6. Install Control Box (H) to Frame with M6-1.0 x 16mm Lg. HHCS (B). See Control Box Mounting, page 8.
7. Tighten all hardware and plug Wiring Harness (K) into Control Box (H). See Connections and Wiring Detail, page 10.



**Firewall must be trimmed before reinstalling. See Fig. 5, page 12.**

8. Reverse steps taken in "Disassembly", page 3, to reinstall necessary components.



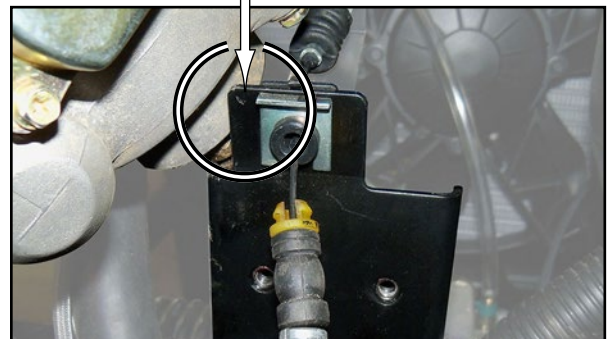
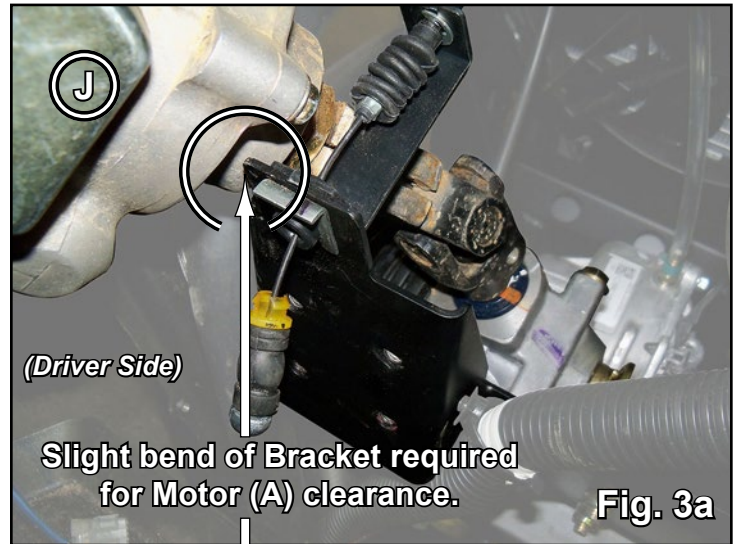
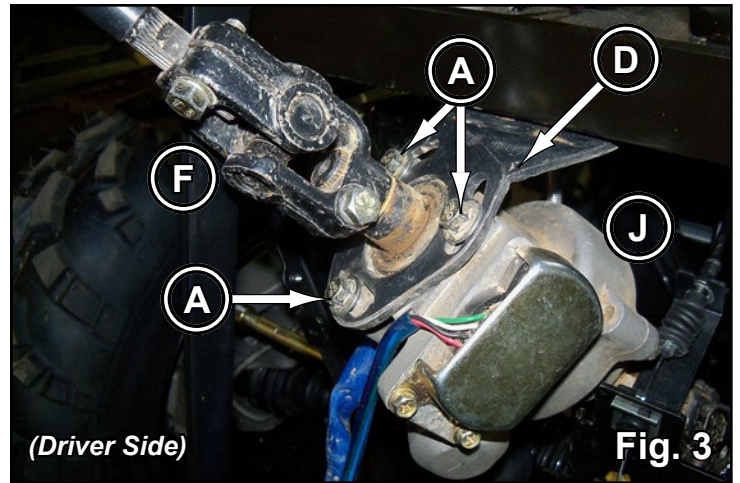
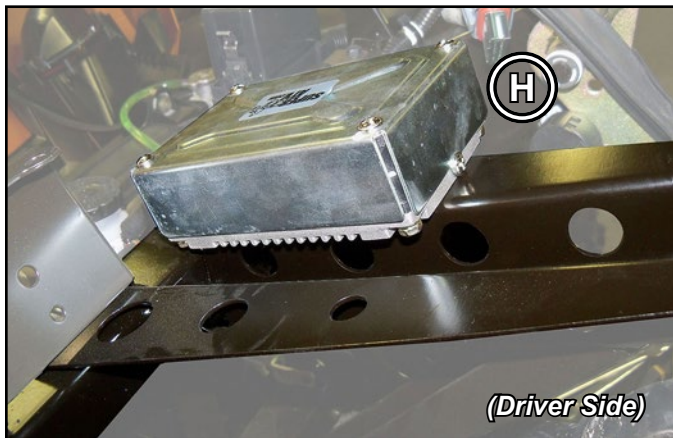
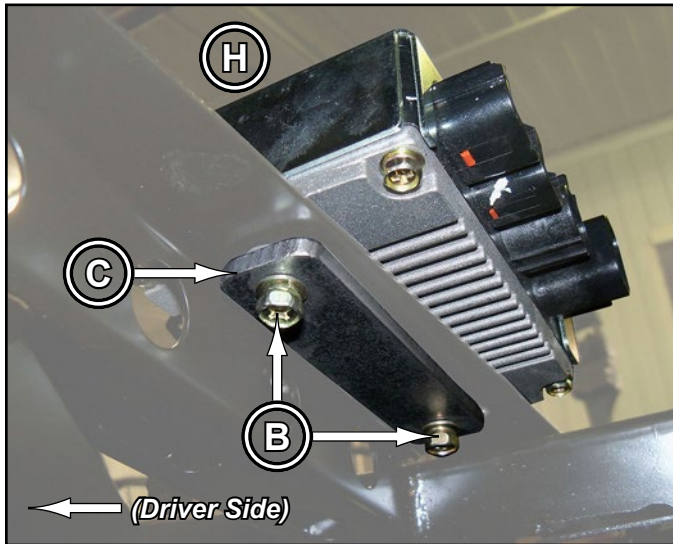
**PARTS REFERENCE**

A	M8-1.25 x 20mm Lg. Hex Flange Bolts
B	M6-1.0 x 16mm Lg. HHCS
C	Control Box Bracket
D	Mounting Bracket
E	U-Joint
F	Steering Shaft
G	M6-1.0 x 20mm Lg. HHCS
H	Control Module
J	Motor
K	Wiring Harness
L	M6 Flat Washers
M	M6-1.0 Nylock Nuts
P	Plastic Rivets
Q	16" x 16" Rubber Mat

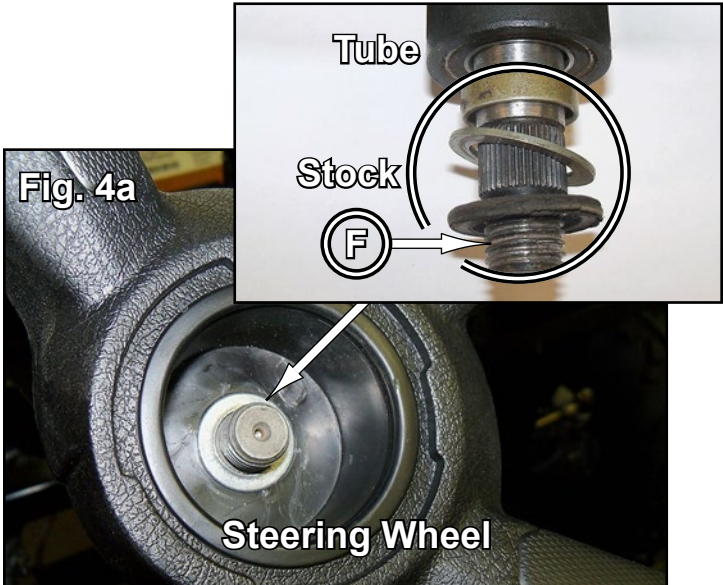
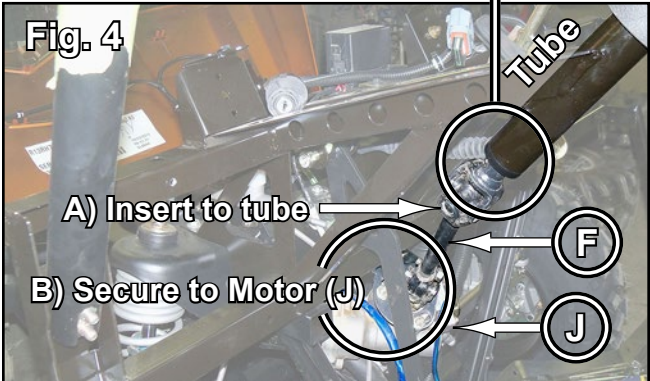
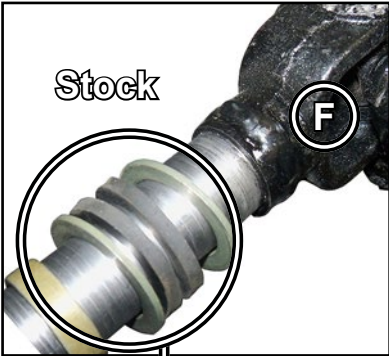


*(Installation illustrations continued)*

### Control Box (H) Mounting

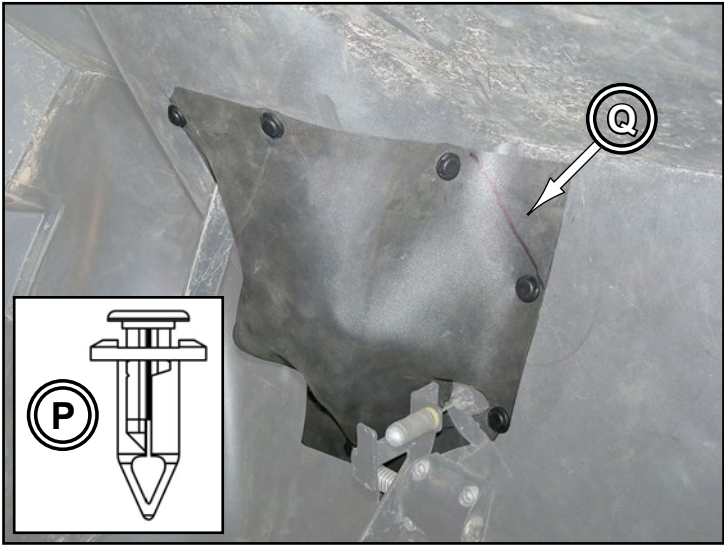
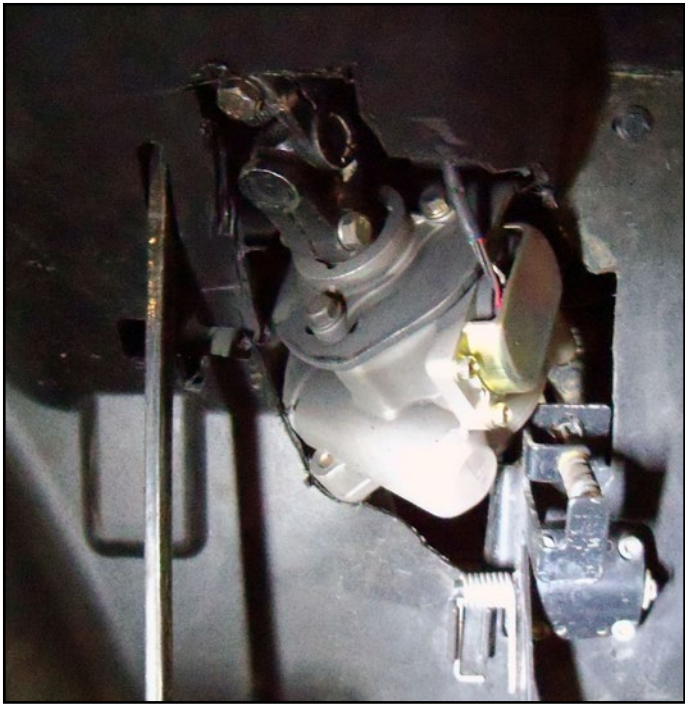






**Fig. 5**

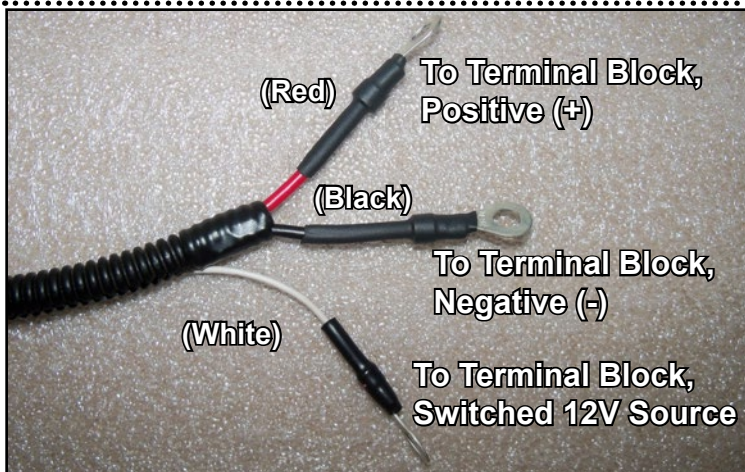
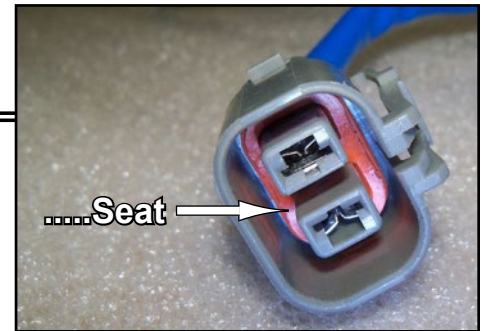
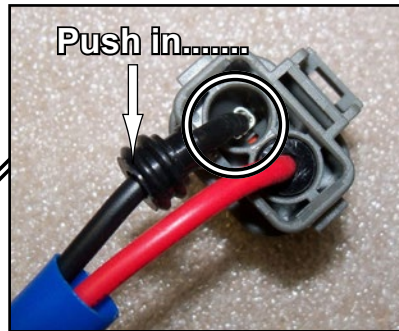
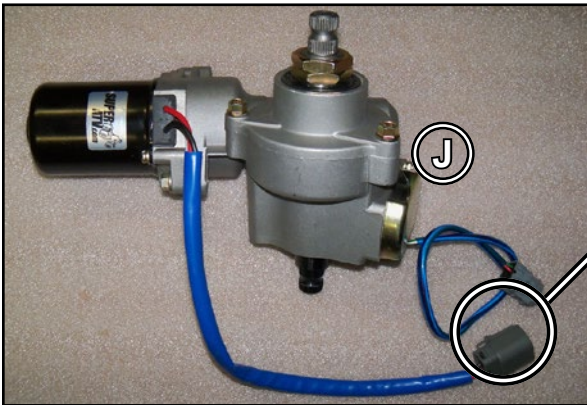
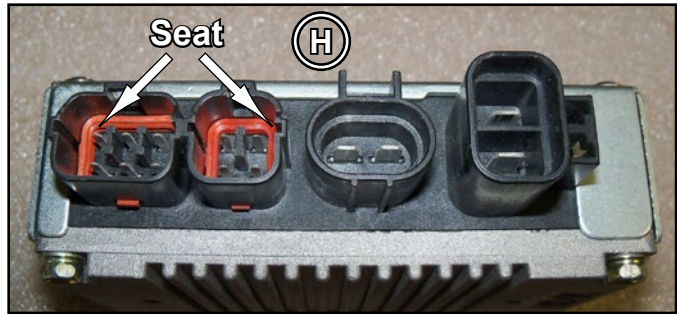
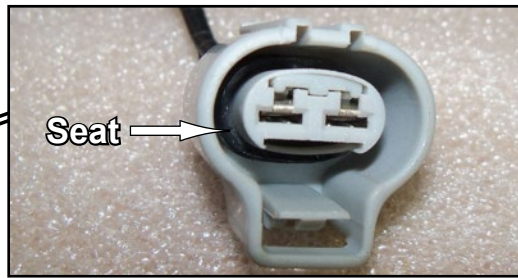
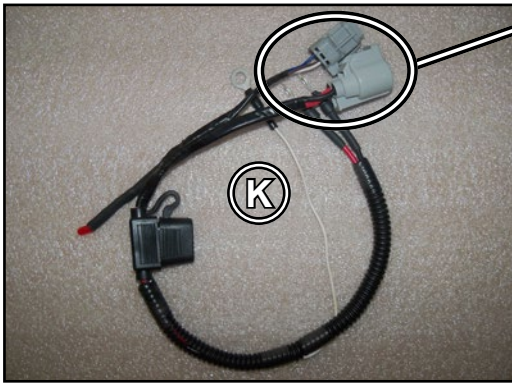
1. Hold Firewall in place and mark back side where interference is occurring.
2. Gradually trim and remove plastic until clearance around power steering components is achieved.
3. Place Rubber Mat (Q) around cutout and trim to fit. Secure to Firewall by drilling holes and installing Plastic Rivets (P).



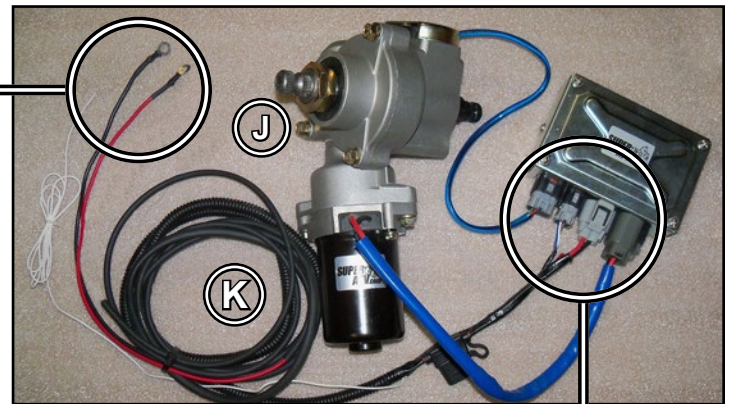


- Before installing, ensure that all waterproof connections are properly seated.
- If Gaskets are not seated, as shown, use a Flathead Screwdriver to seat.

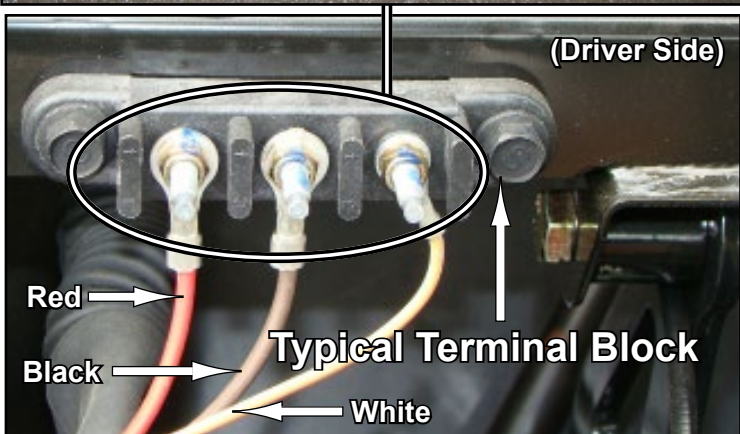
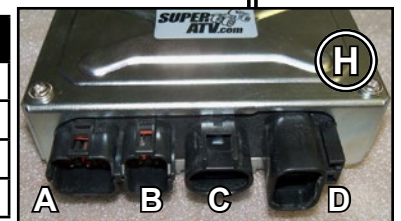
## Connections



## Wiring Details



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



Secure Diagnostic Light in a visible location.



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