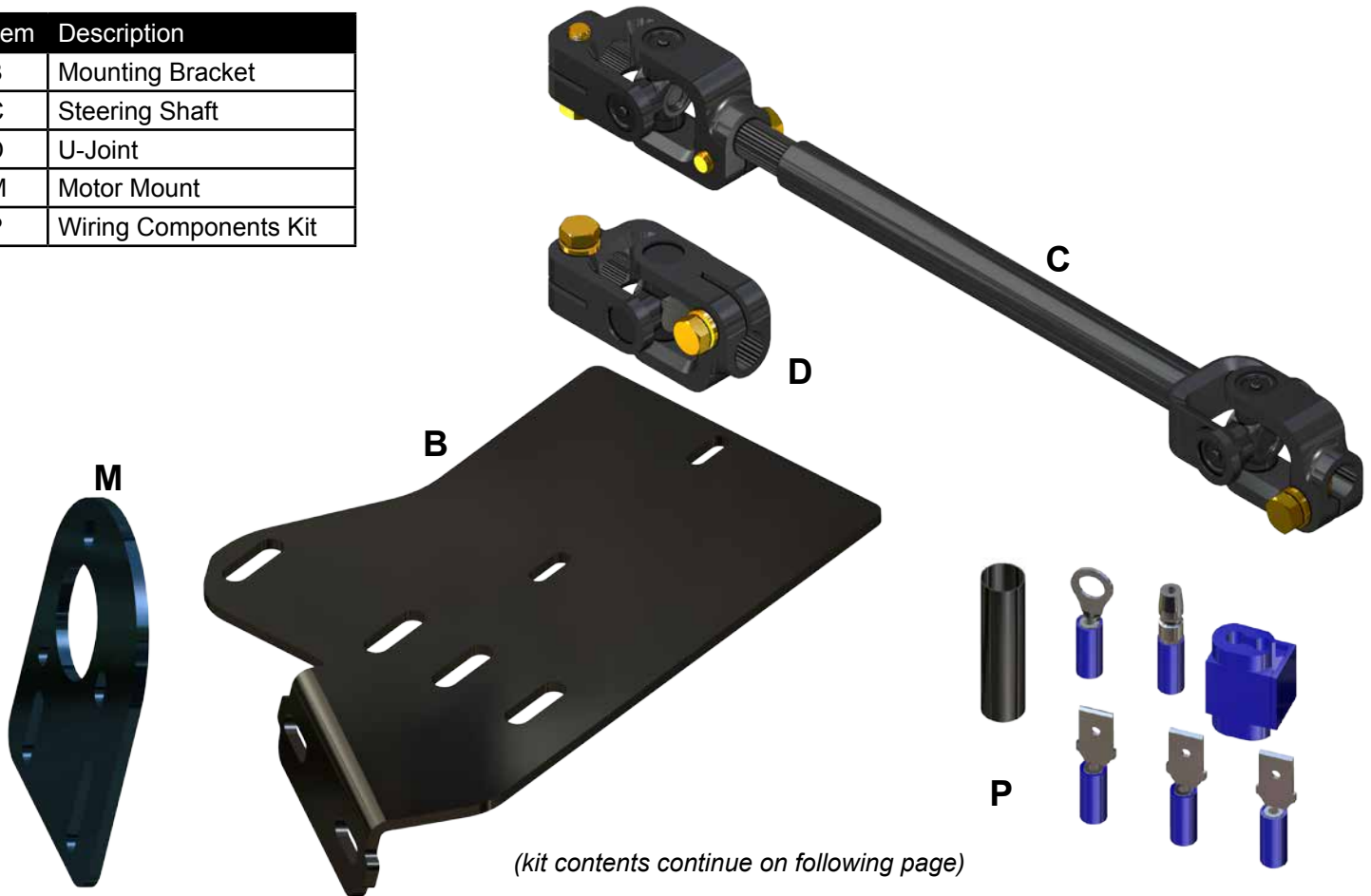


INSTALLATION INSTRUCTIONS

Power Steering Kit: for Yamaha Rhino

Item	Description
B	Mounting Bracket
C	Steering Shaft
D	U-Joint
M	Motor Mount
P	Wiring Components Kit



(kit contents continue on following page)

Liability Statement

SuperATV's® products are designed to best fit user's 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 warrantied if item was not installed properly, misused, or modified.

Installing, adding, modifying, or fabricating any factory or aftermarket product to your ATV/UTV may violate certain local, state, and federal laws. Be advised that laws vary depending on town, city, county, state, etc. Use of certain products on public streets, roads, or highways may be in violation law. The Buyer is solely and exclusively legally and personally responsible for any violation of the law by the installation or use of the product. You must abide by all local, state, and federal laws, including but not limited to vehicle safety, traffic laws, and ordinances. It is your responsibility to know the laws and how they apply to you.

The Buyer is responsible to fully understand the capability and limitations of his/her vehicle according to manufacturer specifications, warnings and instructions and agrees to hold SuperATV® harmless from any damage resulting from failure to adhere to such specifications, warnings and/ or instructions. The Buyer is also responsible to obey all applicable federal, state, and local laws and ordinances when operating his/her vehicle while using this product, and the Buyer agrees to hold SuperATV® harmless from any violation thereof.

Need help with your installation?



sales@superatv.com



www.superatv.com



1-855-743-3427



8:00am - 9:00pm EST M-Th
8:00am - 7:00pm EST Friday
9:00am - 2:00pm EST Saturday

Read instructions and view illustrations before beginning.

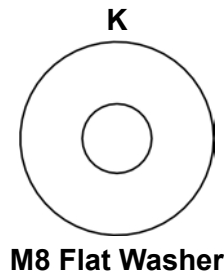
Thank You

For Choosing

SUPERATV.COM[®]

Item	Description	Qty
G	M8-1.25 x 20mm Lg. FHCS	3
H	M6-1.0 x 16mm Lg. HHCS	2
J	M8-1.25 x 55mm Lg. HHCS	2
K	M8 Flat Washer	6
L	M8-1.25 Nylock Nut	4
N	M8-1.25 x 25mm Lg. HHCS	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. Check steering sensitivity at multiple speeds to best understand new handling characteristics and feel.
3. Without Throttle input, turning Steering Wheel back and forth unnecessarily is not recommended. This action is very hard on steering components, Tie Rod Ends, and Power Steering unit.

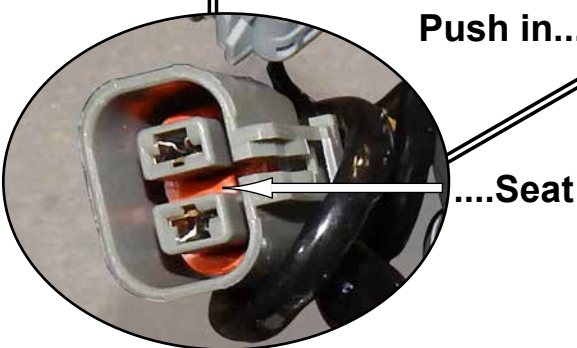
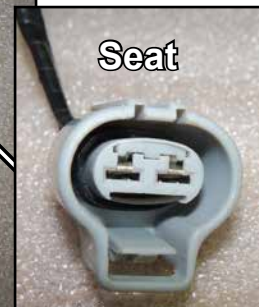
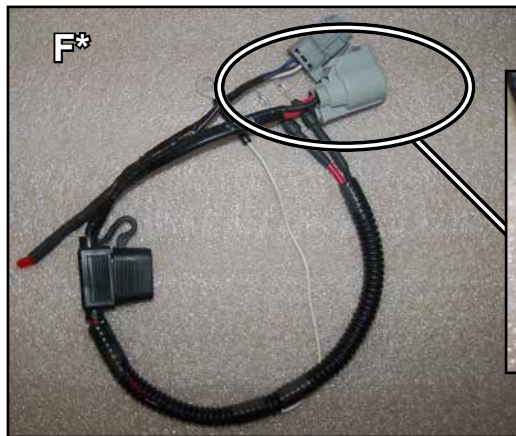
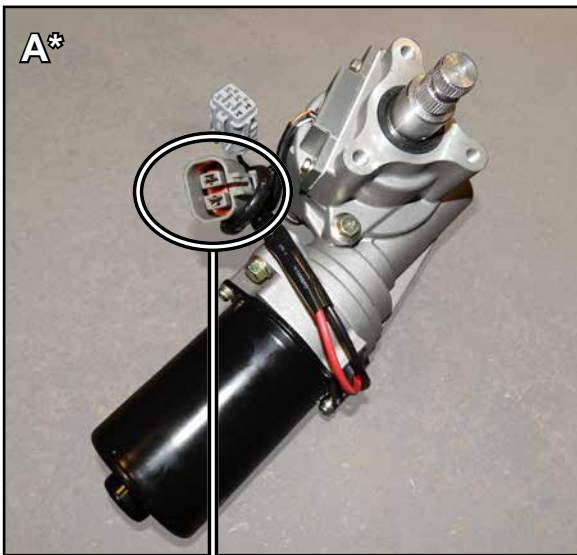
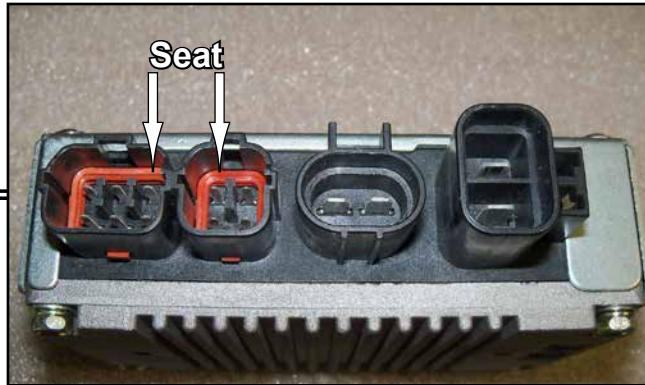
Like all SuperATV products, Power Steering kits were designed with riders in mind.

(Kit contents continued)

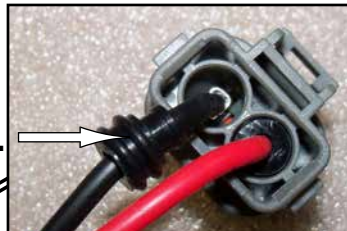
***Connections**

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

Item	Description
E	ECU
A	Motor
F	Wiring Harness

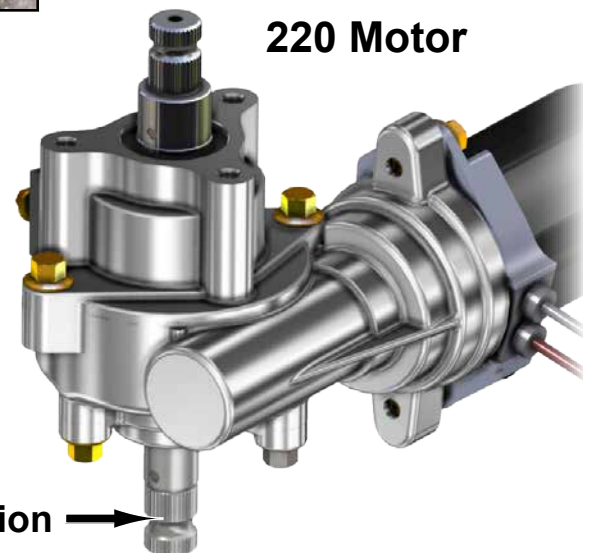


Push in....



220 Motor

to Rack and Pinion →



Do not tighten hardware completely unless noted.

1. Remove Dash Cover. See Fig. 1 and Fig. 1a.



If Rectifier is located on Passenger Side of Frame, skip to Step 3.

2. Remove Rectifier; keep hardware. See Fig. 2.

3. Remove (4) Bolts and Upper Shaft. See Fig. 3.

4. Remove Lower Shaft from Steering Rack. See Fig. 4.

5. Install Steering Shaft (C) to Steering Rack. See Fig. 5.

6. Reinstall Upper Shaft and install U-Joint (D). See U-Joint Connection. Tighten completely.

7. Install Motor Mount (M) to Motor (A) with M8-1.25 x 20mm Lg. FHCS and attach assembly to Steering Shaft (C) and U-Joint (D). See Fig. 6 and Fig. 6a. Tighten completely.



If Rectifier is located on Passenger Side of Frame, skip to Step 9.

8. Install Mounting Bracket (B) to Frame: Fig. 7

- Use Rectifier hardware to hold in place.

- Mark and drill as shown.

- Secure with M8-1.25 x 55mm Lg. HHCS, M8-1.25 Nylock Nuts, and M8-1.25 Nylock Nuts.

9. Install Mounting Bracket (B) to Frame: Fig. 8

- Measure 6" from Supporter hardware.

- Mark and drill as shown.

- Secure with M8-1.25 x 55mm Lg. HHCS, M8-1.25 Nylock Nuts, and M8-1.25 Nylock Nuts.

10. Join Mounting Bracket (B) and Motor Plate (M) with M8-1.25 x 25mm Lg. HHCS (N), M8-1.25 Nylock Nuts, and M8-1.25 Nylock Nuts. See Fig. 9.

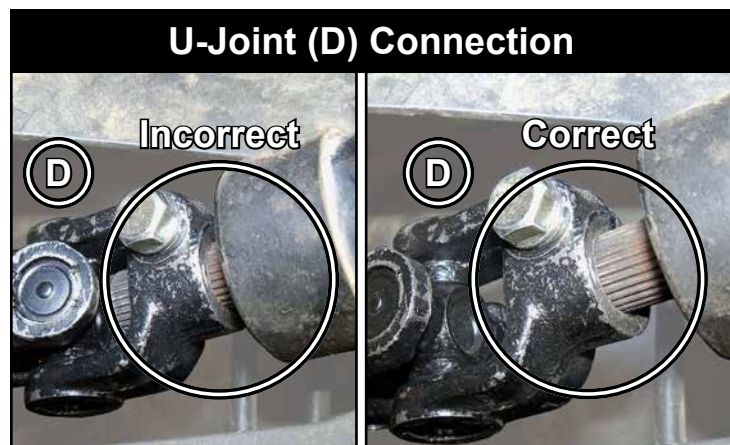
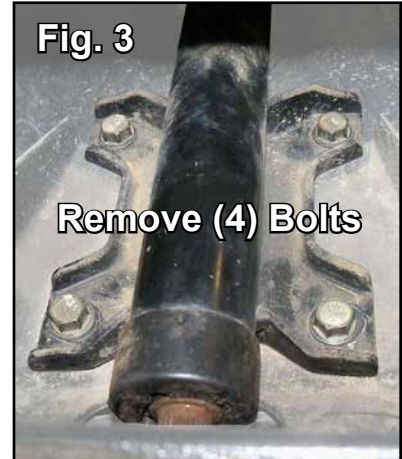
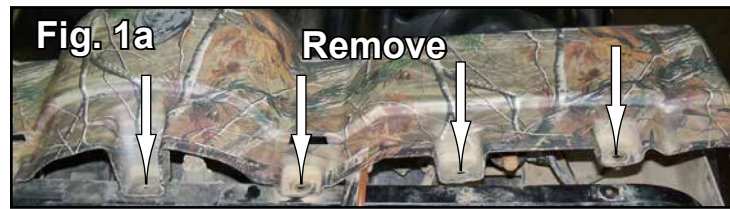


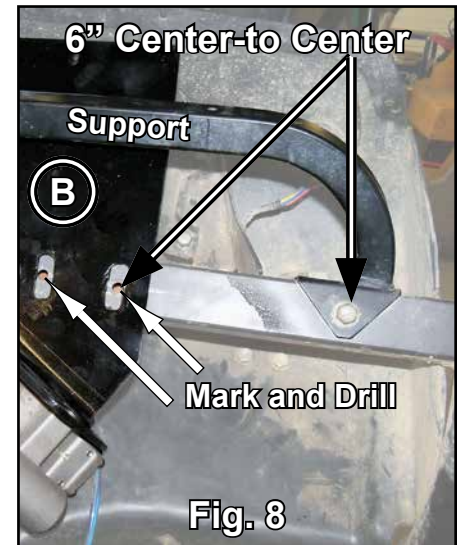
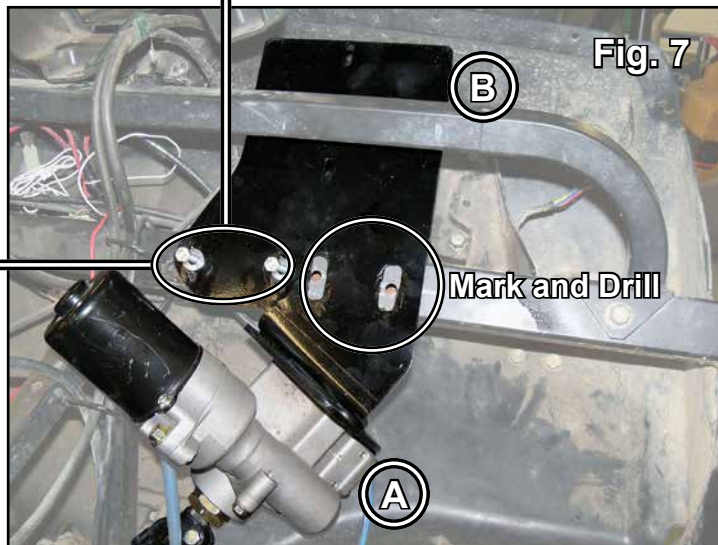
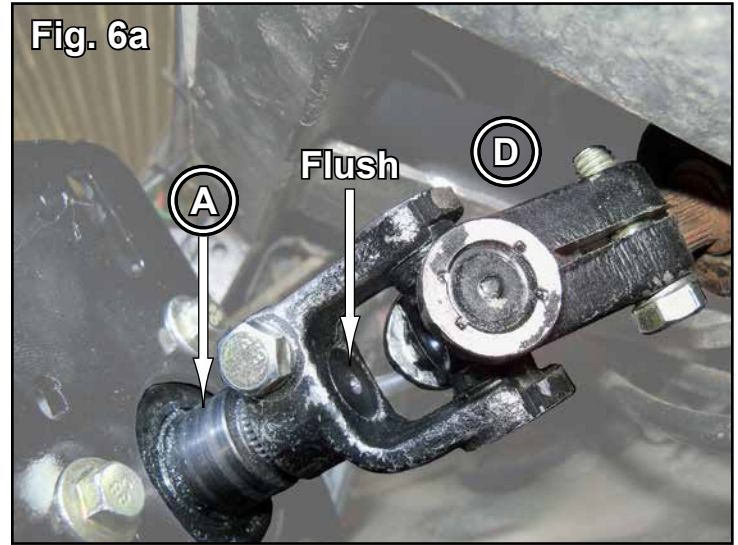
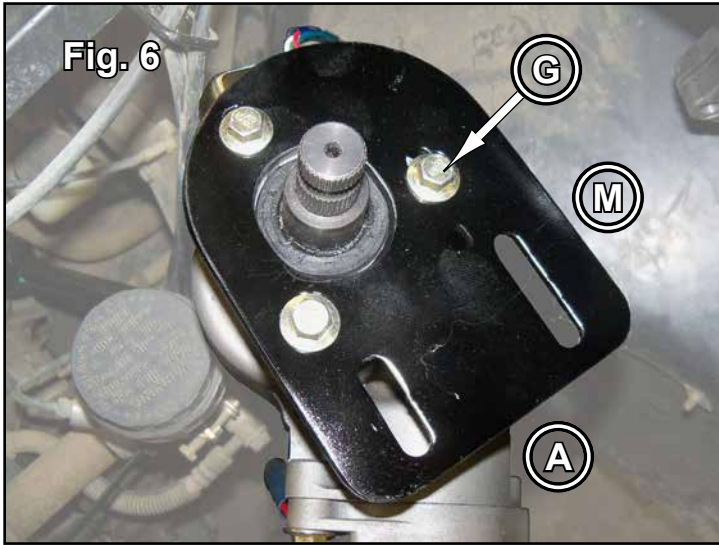
PROCEED TO "CONNECTIONS" PORTION OF INSTALLATION INSTRUCTIONS

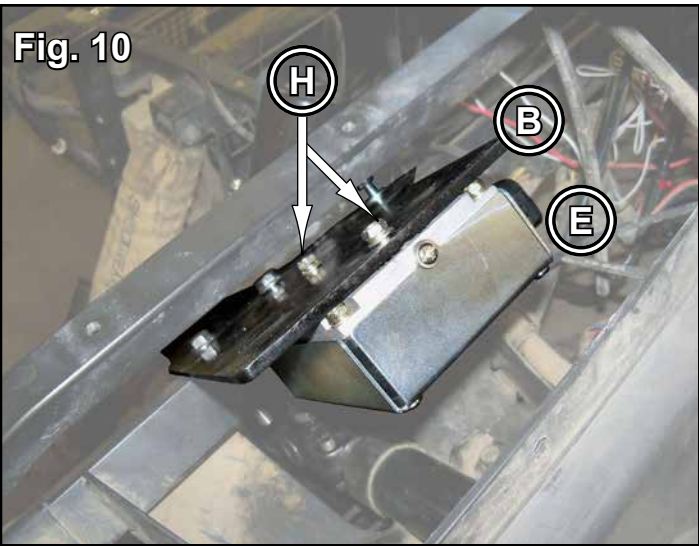
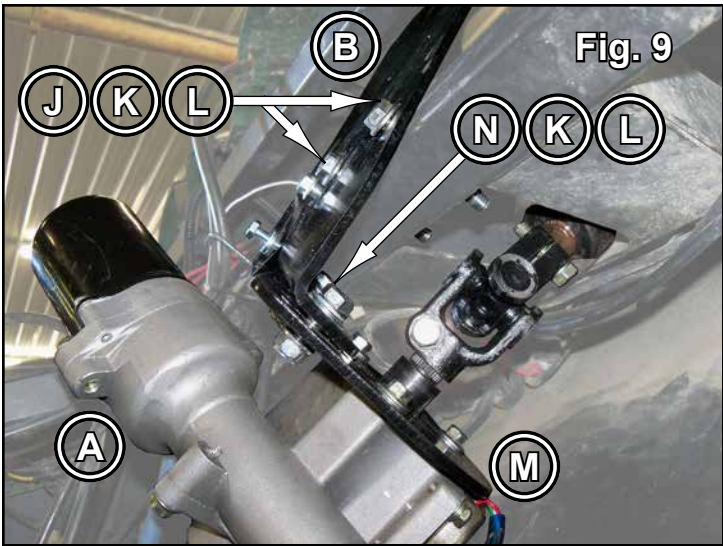
11. Install Control Box (E) to Mounting Bracket (B) with M6-1.0 x 16mm Lg. HHCS (H) and connect Wiring Harness (F). See Fig. 10, Connections, and Wiring Details.

12. Reinstall Rectifier and Ground Wire to Mounting Bracket (B); reuse stock hardware. See Fig. 7.

13. Tighten all hardware, and reinstall Dash Cover.

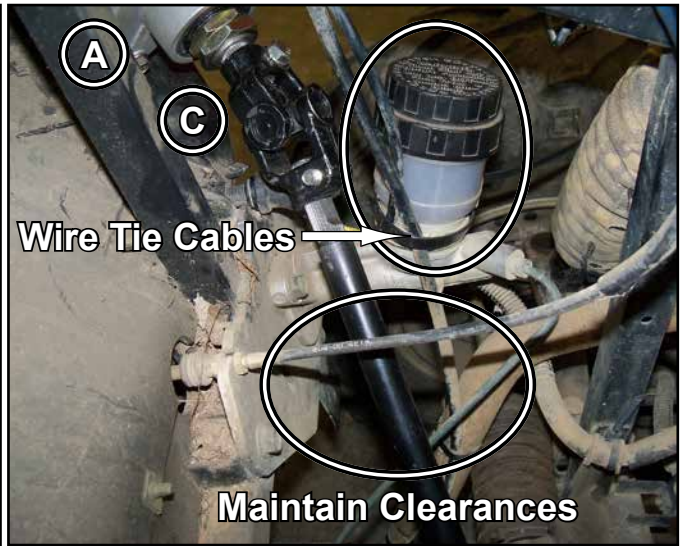






FINAL PREPARATIONS:

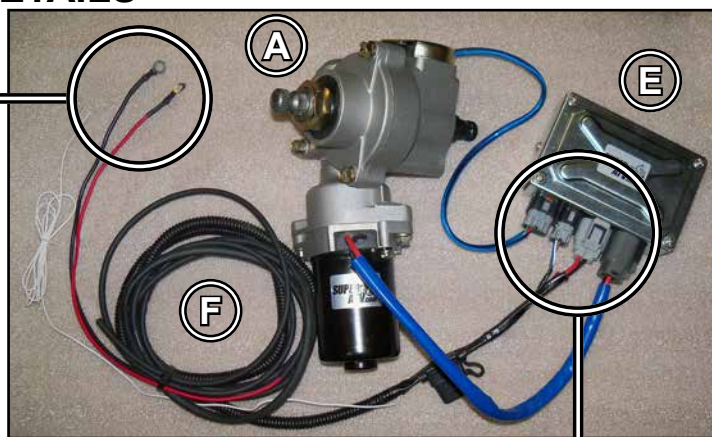
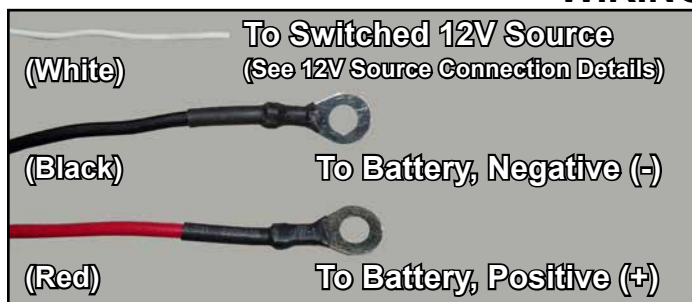
1. Secure any wires and/or cables that could interfere with power steering components.
2. Ensure that no power steering components interfere with stock components.



PARTS REFERENCE

Item	Description
A	Motor
B	Mounting Bracket
C	Steering Shaft
D	U-Joint
E	Control Box
F	Wiring Harness
G	M8-1.25 x 20mm Lg. FHCS
H	M6-1.0 x 16mm Lg. HHCS
J	M8-1.25 x 55mm Lg. HHCS
K	M8 Flat Washers
L	M8-1.25 Nylock Nuts
M	Motor Mount
N	M8-1.25 x 25mm Lg. HHCS
P	Wiring Components Kit

WIRING DETAILS



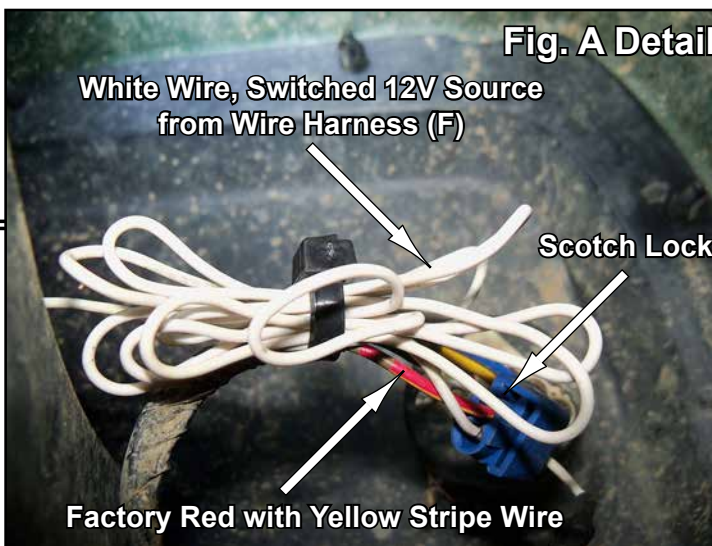
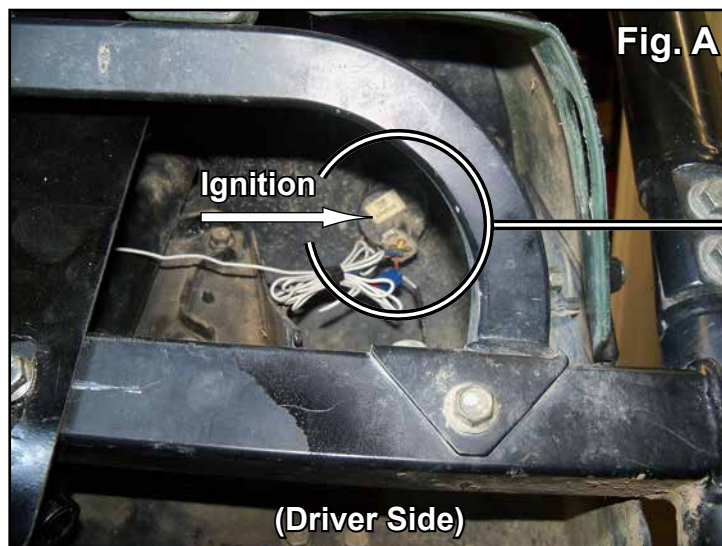
When activated, Diagnostic Light will flash (1) time for about (1) second before turning off indicating proper function. Should different patterns occur, contact SuperATV.

Secure Diagnostic Light in a visible location.



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

Switched 12V Source Connection Details



1. Locate stock Red with Yellow Stripe Wire on Ignition Switch. See Fig. A.
2. From Wire Harness (F) connect White, Switched 12V Source Wire to stock Red with Yellow Stripe Wire with Scotch Lock. See Fig. A - B.

