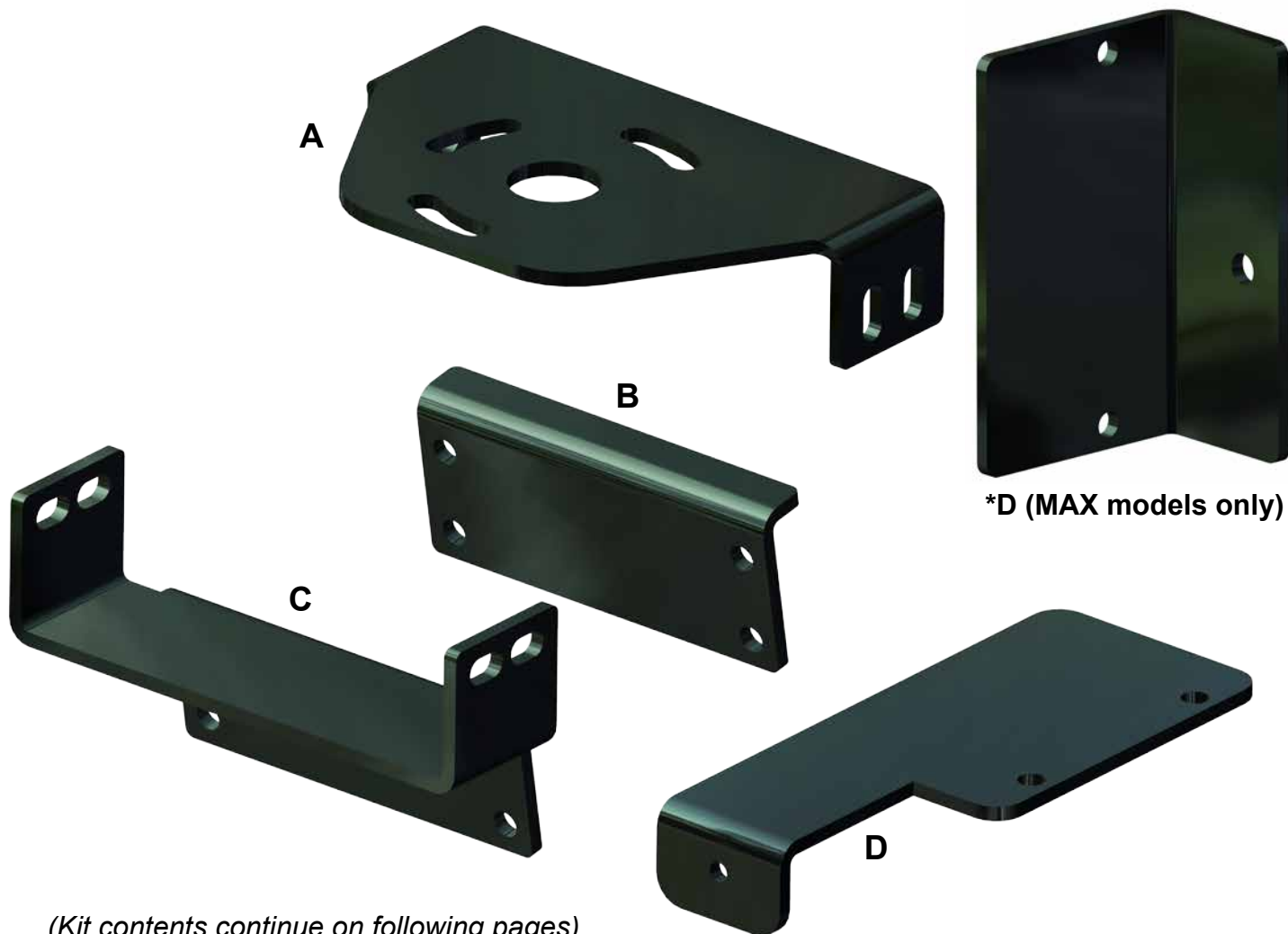


INSTALLATION INSTRUCTIONS

Can-Am ATV Power Steering

Item	Description	Qty	Item	Description	Qty
A	Motor Mount	1	C	Mounting Bracket Support	1
B	Mounting Bracket Side Support	1	D*	ECU Mount	1



(Kit contents continue on following pages)

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.

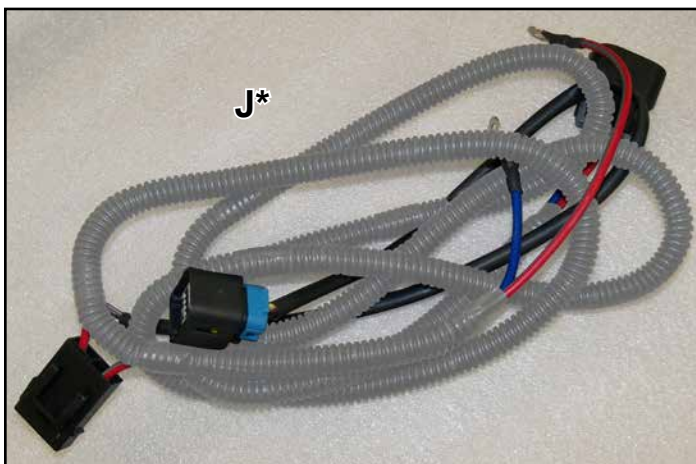
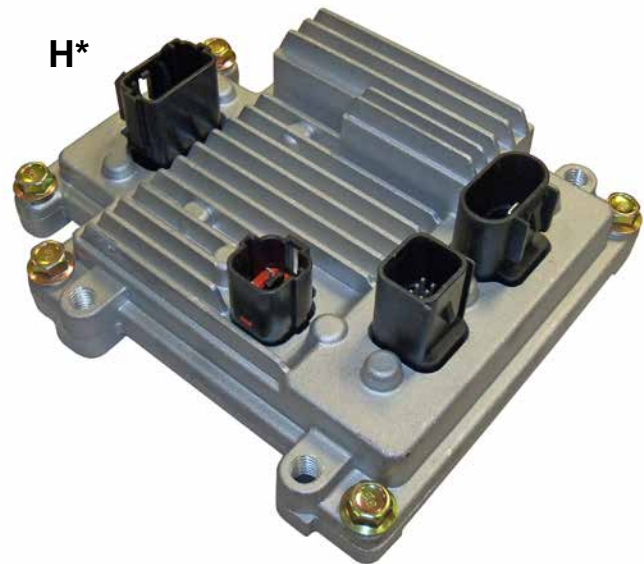
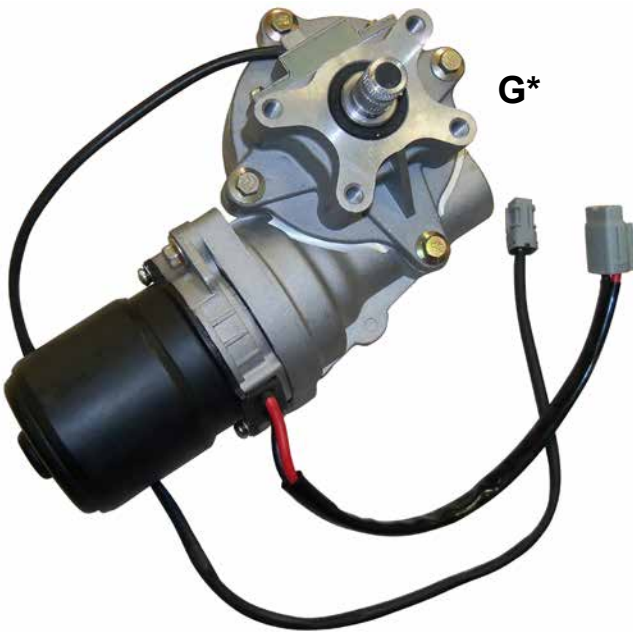
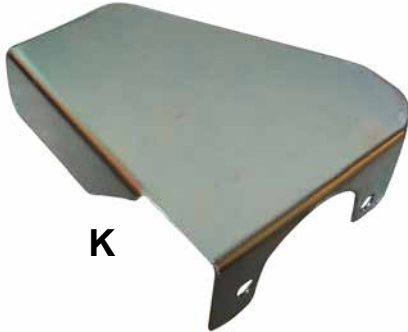
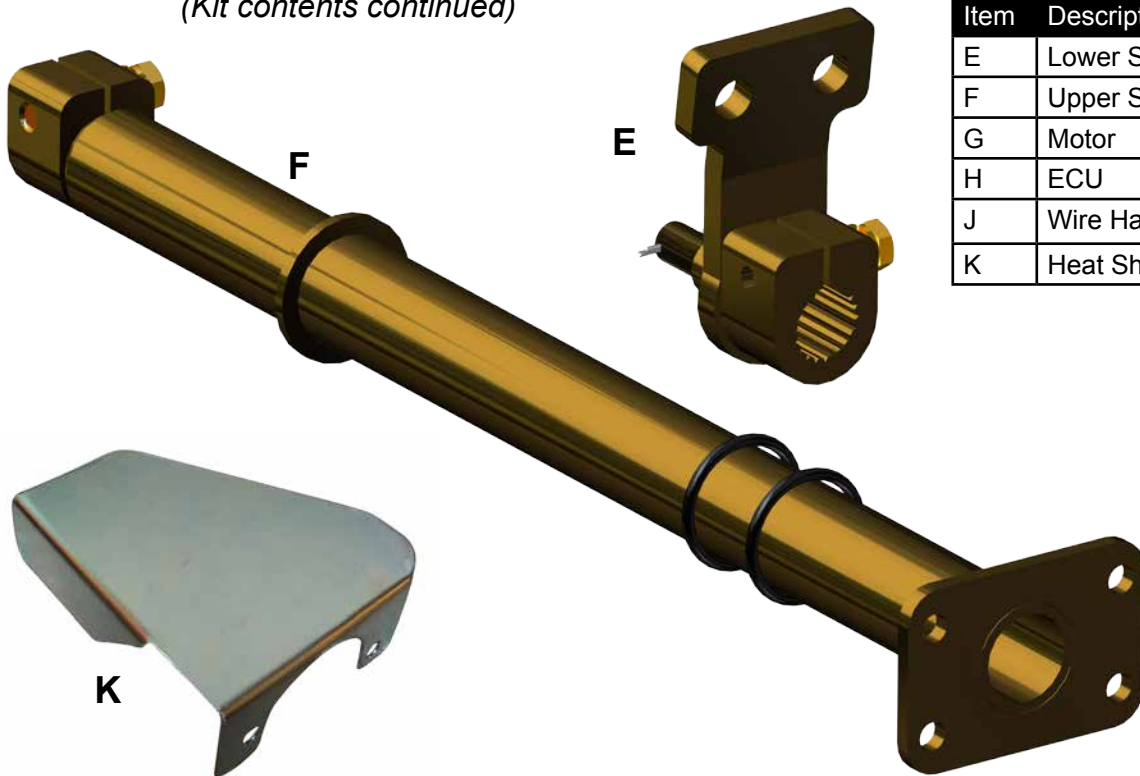
Although SuperATV has thousands of satisfied customers, user should be aware that installing lift kits, long travel, or suspension kits, tires, etc will change the ride of machine and may increase maintenance and part wear. Operating any off-road machine while, or after, consuming alcohol and/or drugs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

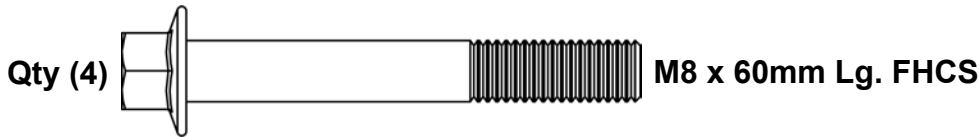
Item	Description	Qty
E	Lower Steering Shaft	1
F	Upper Steering Shaft	1
G	Motor	1
H	ECU	1
J	Wire Harness	1
K	Heat Shield	1



***Connections**

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

(Kit contents continued)



(extra hardware may be present after installation; discard)

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.

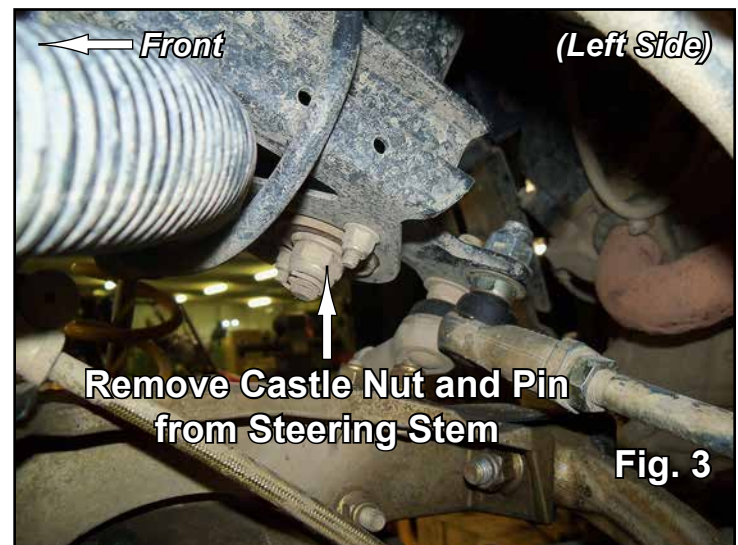
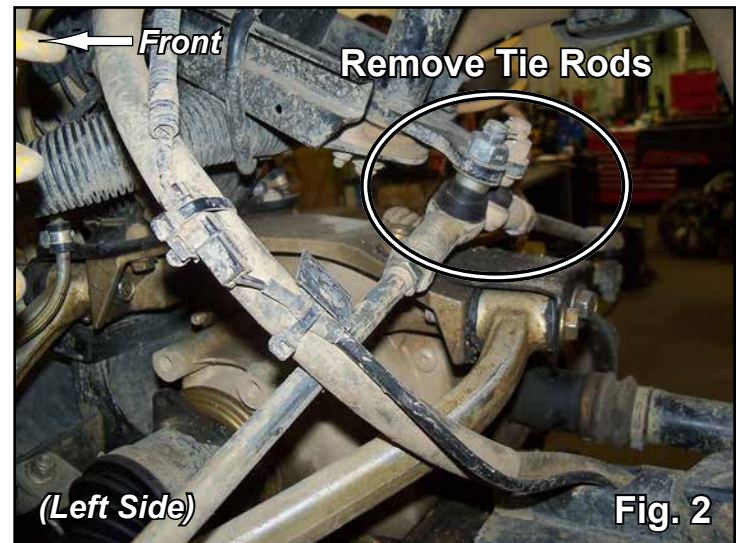
Like all SuperATV products, Power Steering kits were designed with riders in mind.



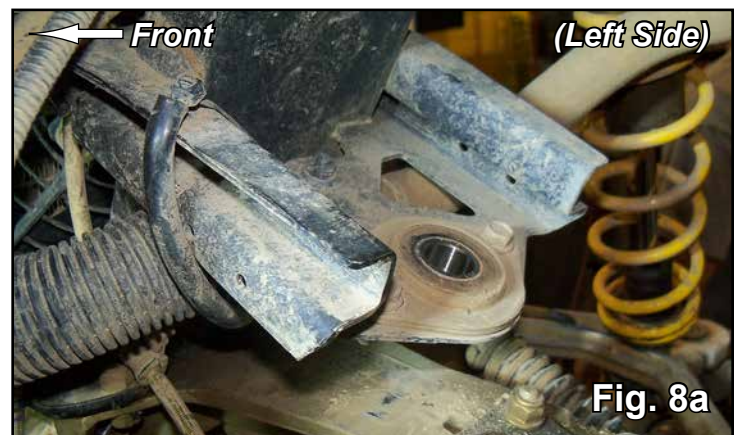
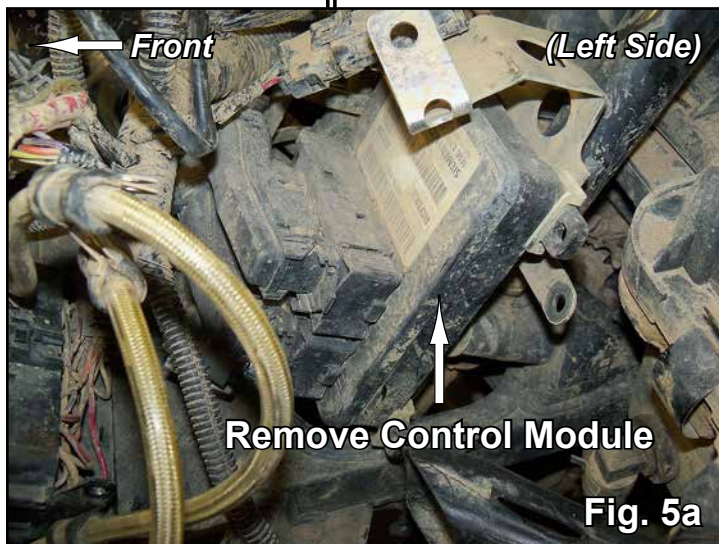
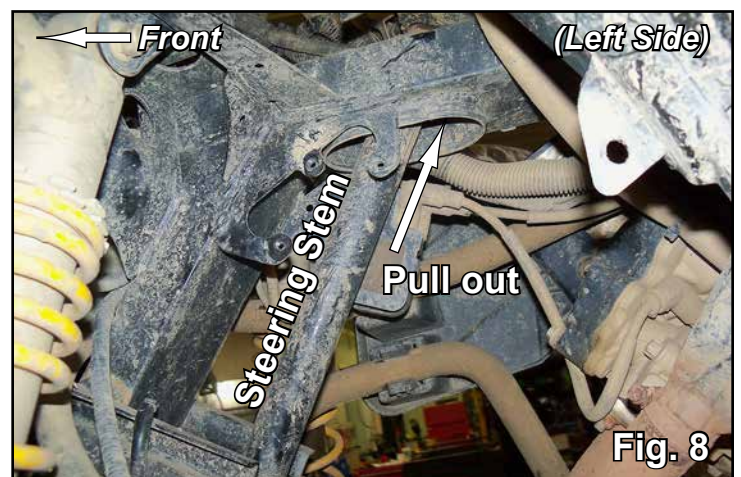
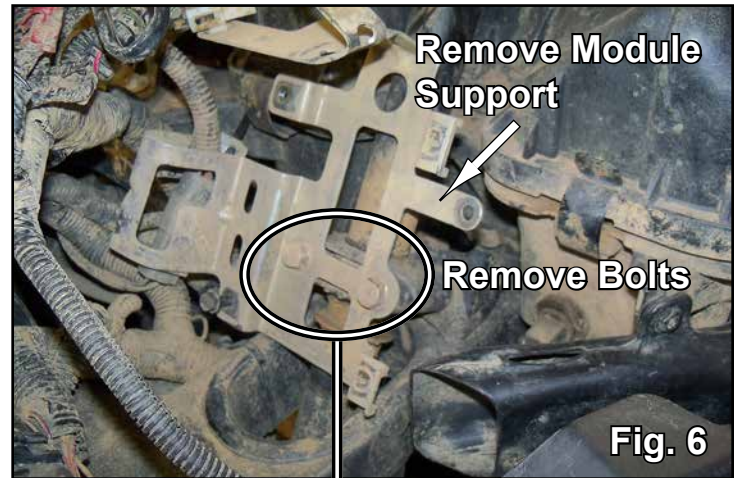
For reference, photographing of removal process is highly recommended due to amount of components being removed from machine.

Removal: *Keep all components removed from machine.*

1. Raise front of machine, secure with jack stands, and remove Wheels.
2. Remove Inner Fenders and Intake. See Figs. 1 - 1a.
3. Remove Tie Rods from Steering Stem. See Fig. 3.
4. Remove Castle Nut and Cotter Pin from Steering Stem. See Fig. 3.
5. Remove hardware from Steering Stem as shown in Fig. 4.
6. If necessary, unplug wiring harness' and move wiring aside as shown in Fig. 5. Remove Control Module. See Fig. 5a.
7. Remove Module Support. See Fig. 6.
 - (2) Bolts securing Module Support also secure Steering Stem to Frame. See Fig. 7.
8. From top of ATV, remove Steering Stem. Discard stock O-Rings. See Figs. 8 - 8a.



(removal illustrations continue on following pages)



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

1. Install Motor Mount (A) to Motor (G) with M10 x 25mm Lg. FHCS. See Motor Shafts Detail and Fig. 1.
2. Install Lower Steering Shaft (E) to machine. Secure with stock Castle Nut and Cotter Pin. See Figs. 2 - 2a.
3. Install Mounting Bracket Side Support (B) and Mounting Bracket Support (C) around Frame and secure with M8 x 60mm Lg. FHCS and M8 Nylock Nuts. See Figs. 3 - 3a. *Note: Radiator Hose will go under Mounting Brackets.*
4. Install stock Upper Column Attachments to Upper Steering Shaft (F). See Figs. 4 - 4a.
5. Install Motor (G) to Lower Steering Shaft (E) with provided hardware. See Figs. 5 - 5a.
 - Secure Motor Mount (A) to Mounting Bracket Support (C) with M8 x 25mm Lg. FHCS and M8 Nylock Nuts. See Figs. 5 - 5a.
 - Reconnect Tie Rods to Lower Steering Shaft (E) with stock hardware. See Fig. 5a.
6. From top of machine insert Upper Shaft (F) and secure to Motor (G) with provided hardware. See Fig. 5a.
 - Secure Module Support, Column Attachment, and Upper Steering Shaft (F) to Frame with stock hardware. See Figs. 6 - 6a.
7. Remove Nuts from Exhaust Flange, install Heat Shield (K), and replace Nuts. See Fig. 7.
 - **Go to Page 12 for ECU Mounting on MAX models only -**
8. Assemble ECU (H) to ECU Mount (D) with M8 x 20mm Lg. FHCS. See Fig. 8a.
9. On Right Side, near where Gear Selector connects to Engine, remove hardware securing Fuel Tank and Protector to Frame. See Figs. 8 - 8a.
10. Install ECU Mount (D) and secure with stock hardware removed in Step 9. See Fig. 8a.
11. Plug in Wiring Harness (J) and make connections. See Wiring Details, pages 13 - 15.

Handlebar and Tie Rods to be inline before tightening hardware. Remove Upper Shaft (E) from Motor (G) and realign if necessary.

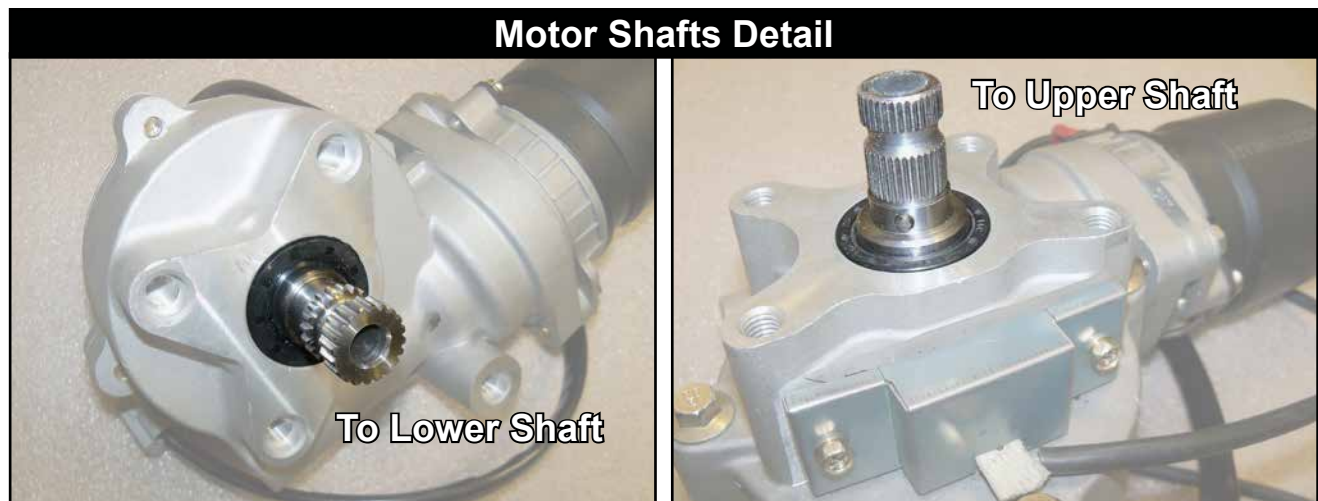
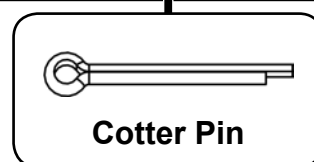
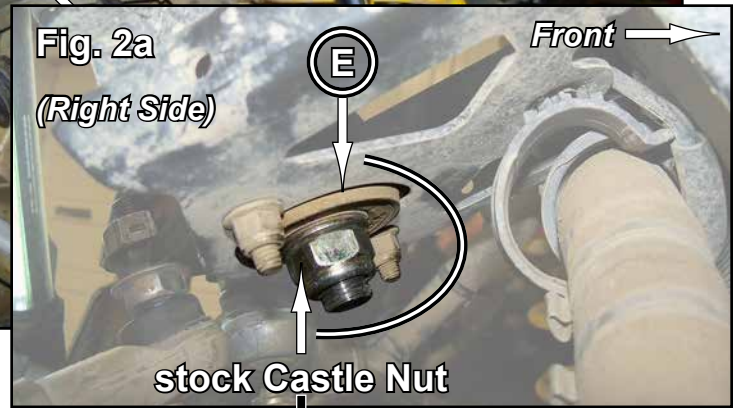
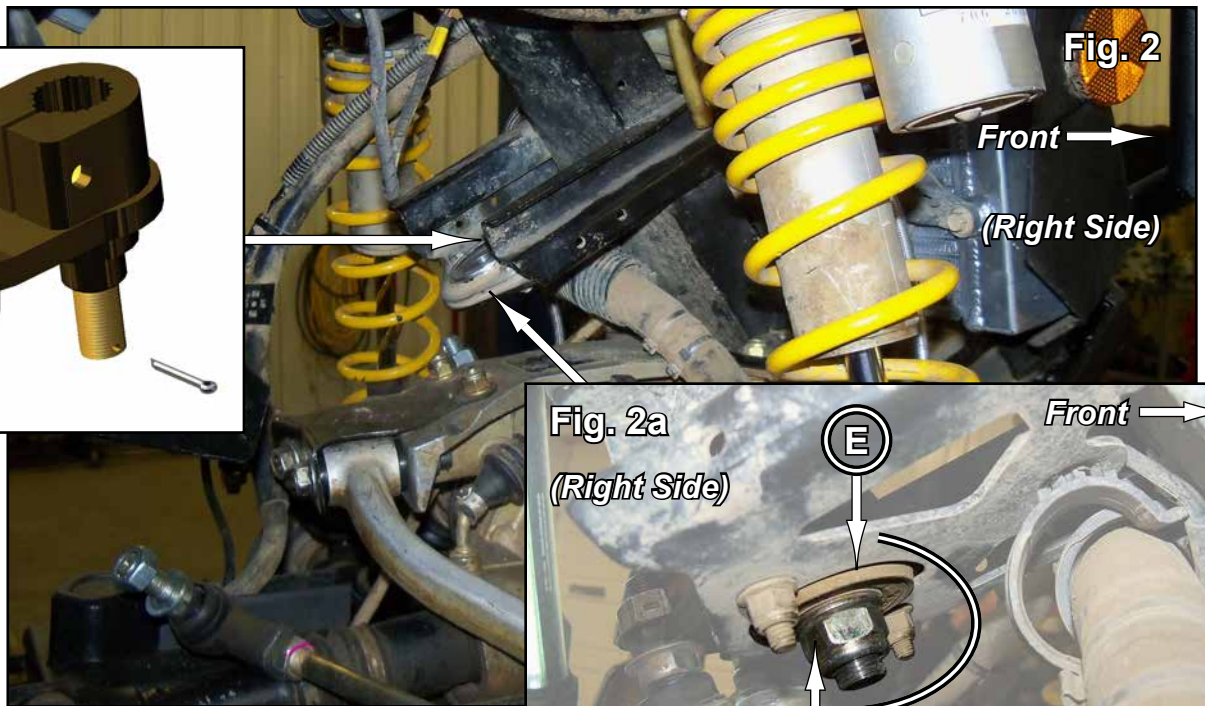
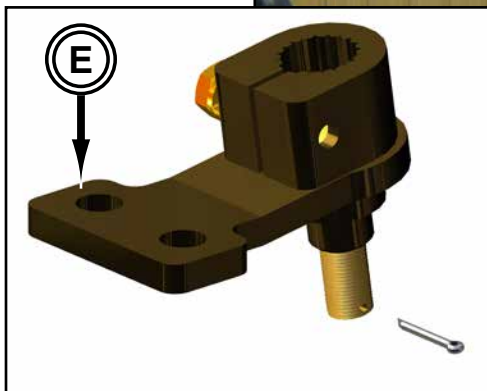
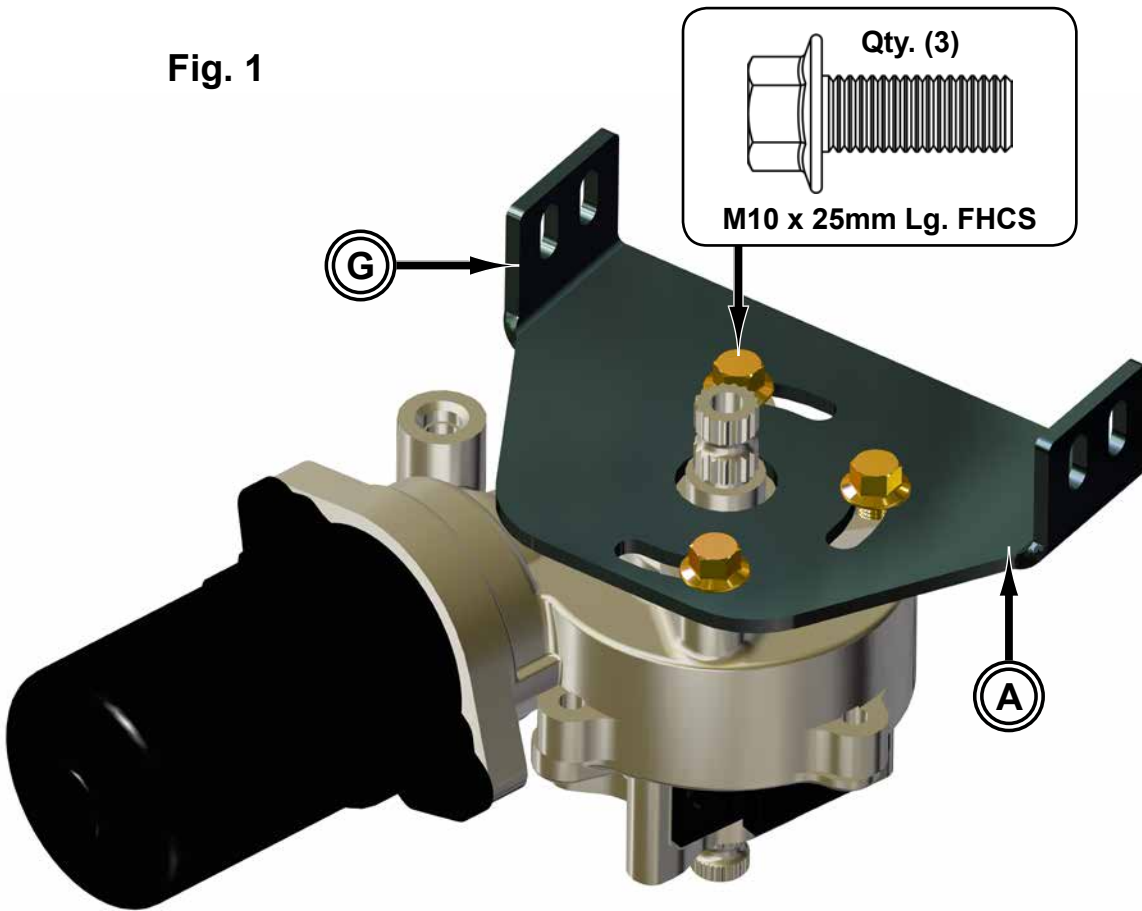


Fig. 1



(installation illustrations continue on following pages)

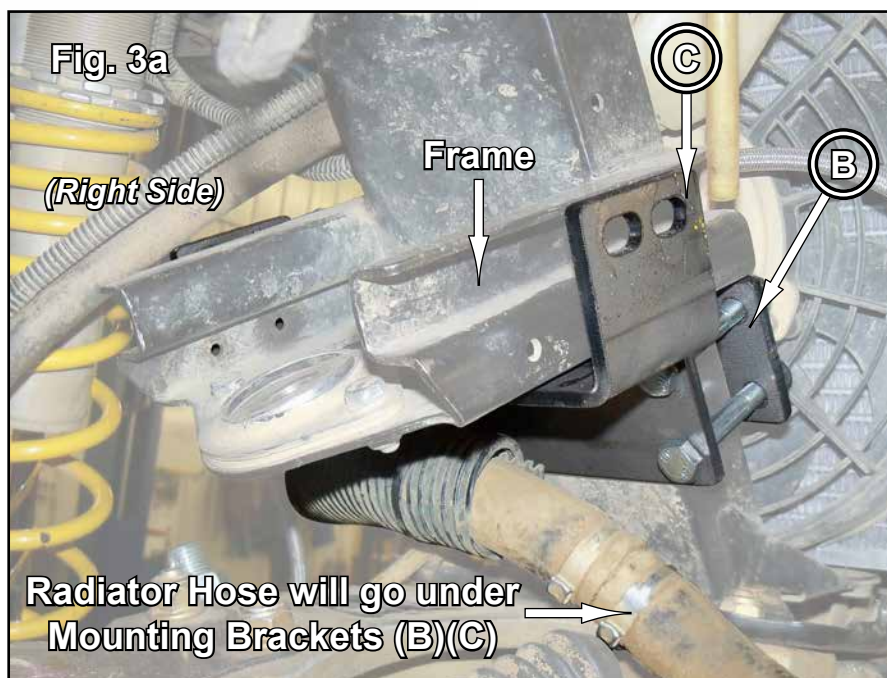
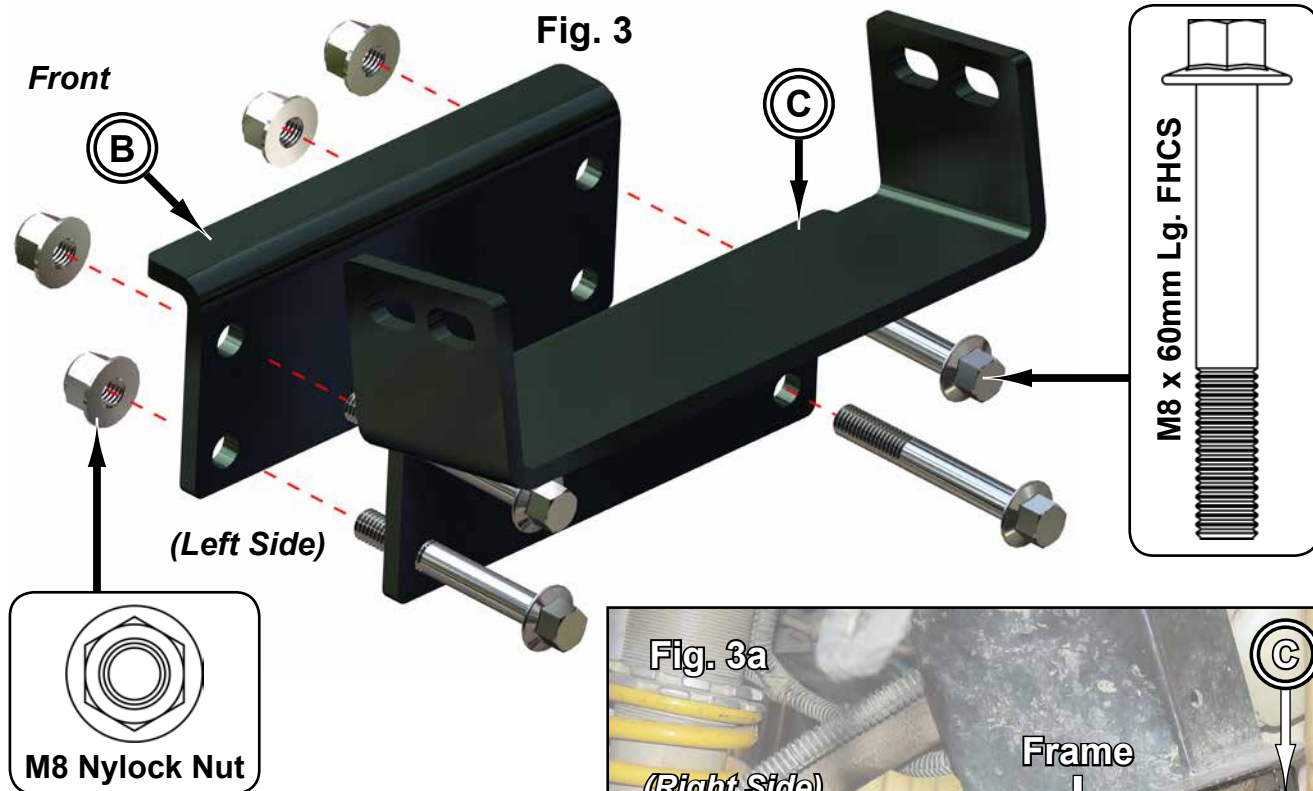


Fig. 5

Front

Qty. (4)
M8 x 25mm Lg. FHCS

Qty. (4)
M8 Nut

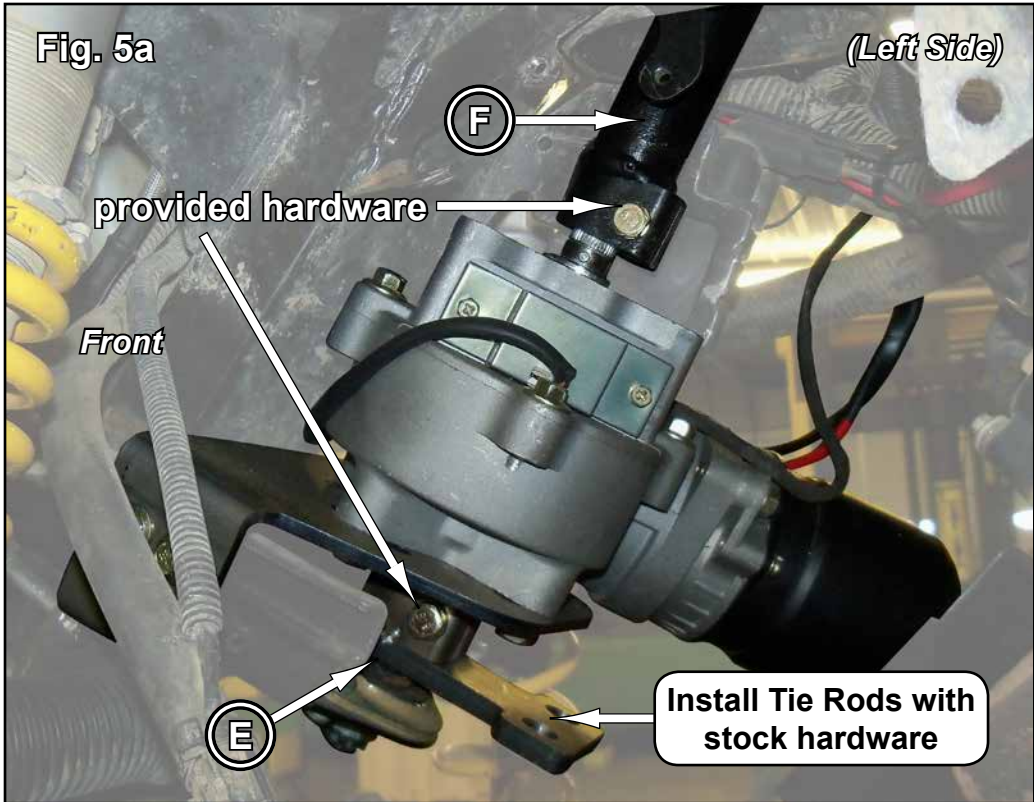
(Right Side)

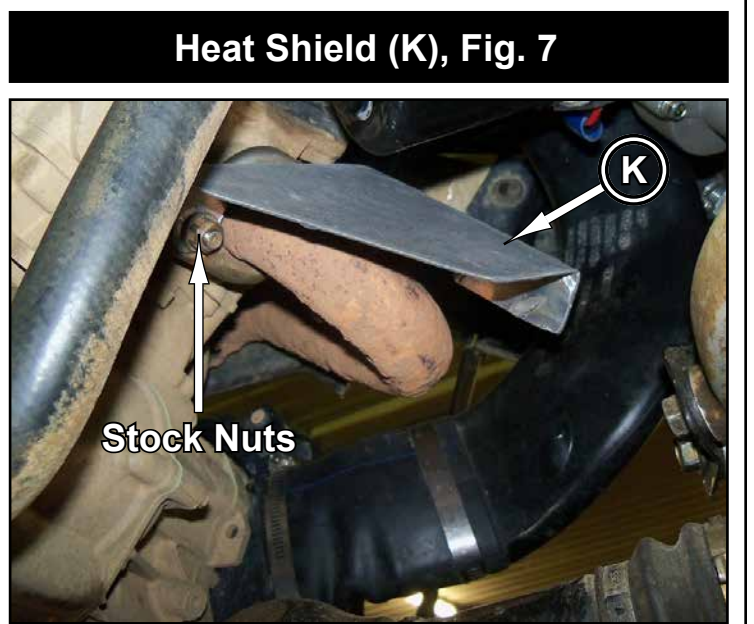
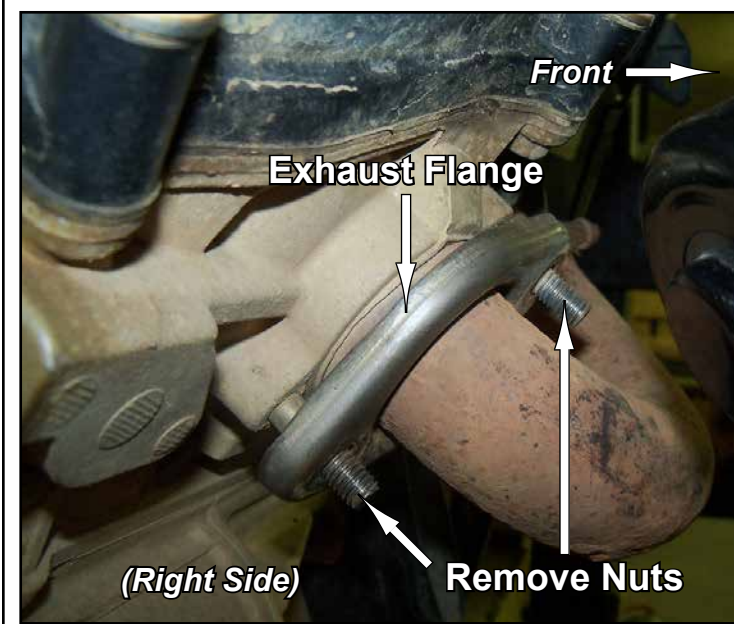
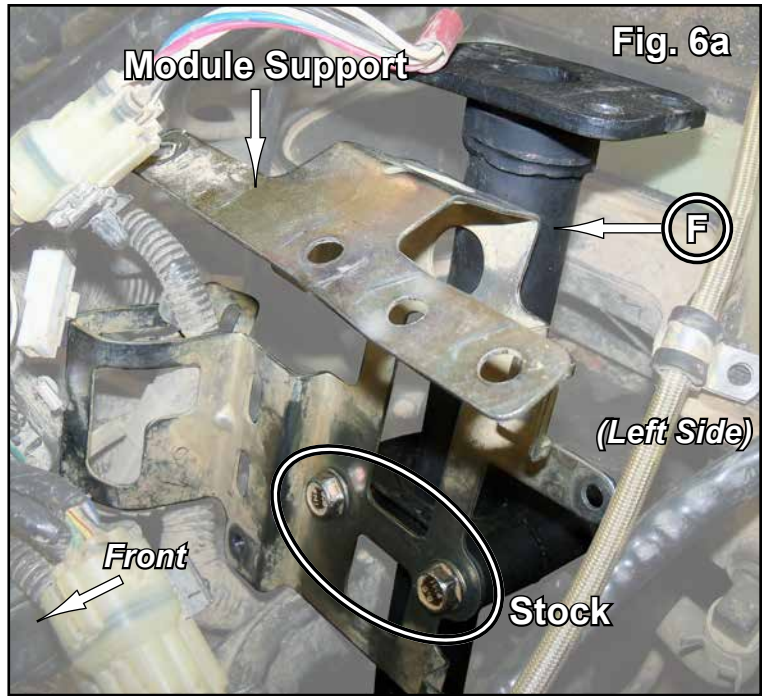
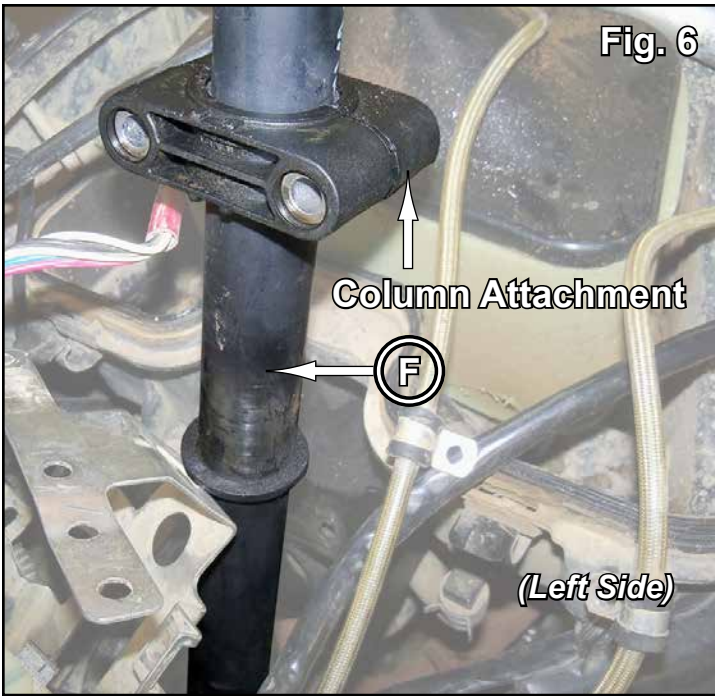
G

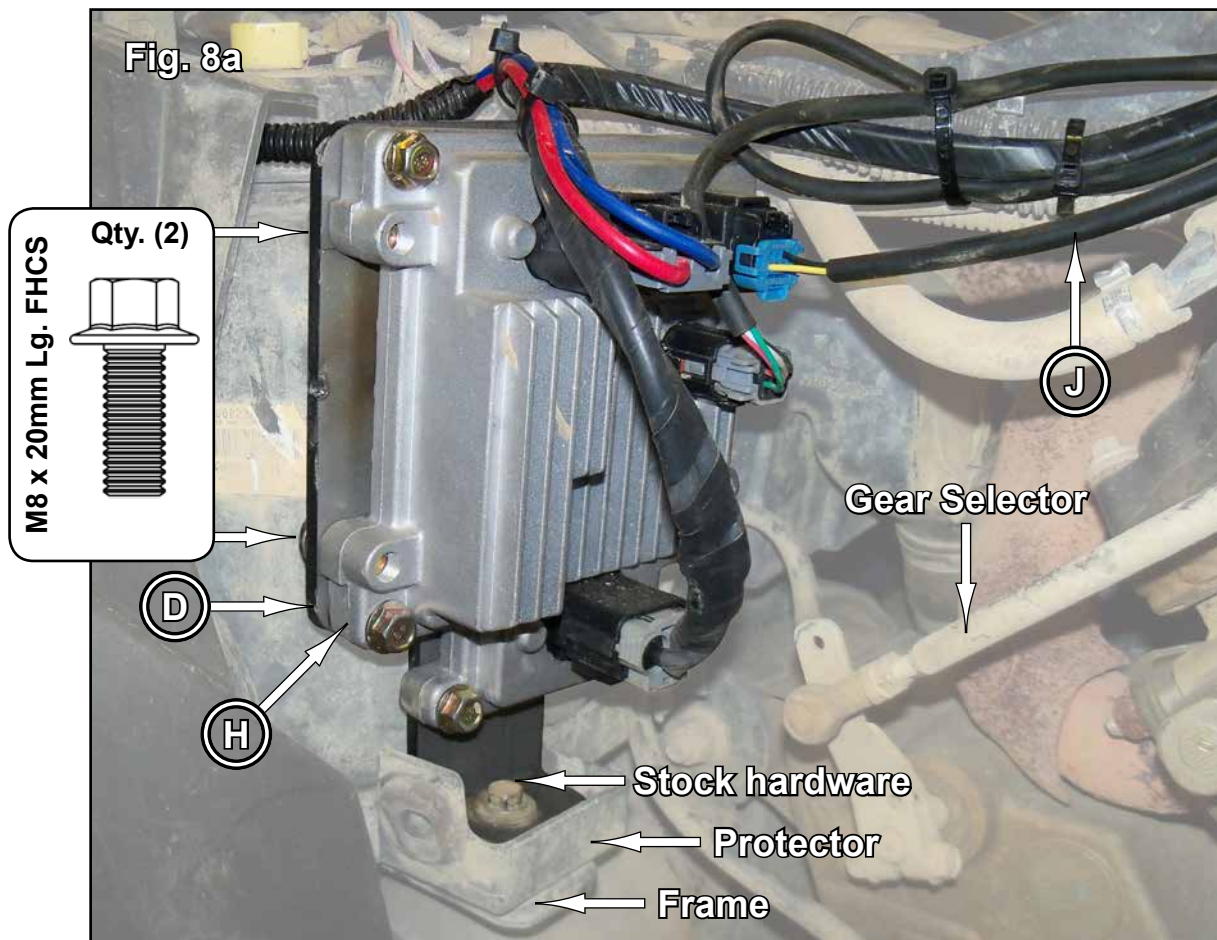
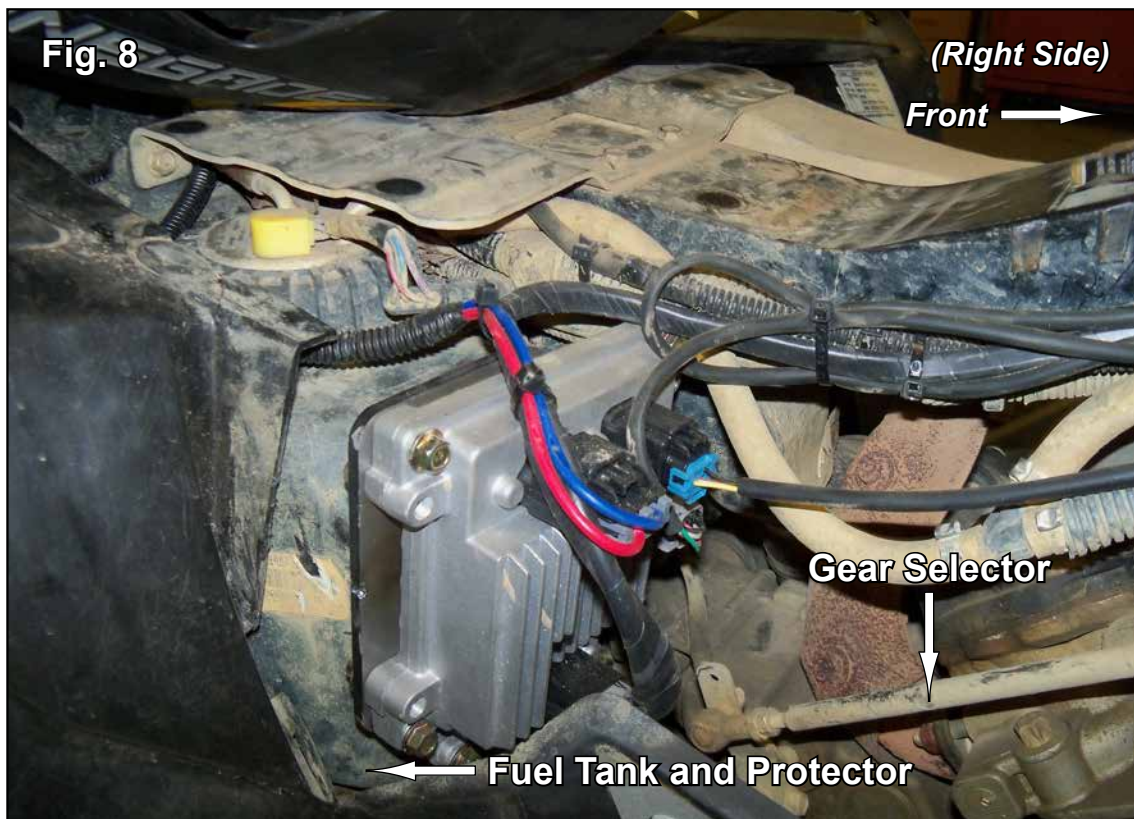
A

C

The diagram shows the front of the device with a black front plate being positioned over a grey base. A callout box indicates that four M8 x 25mm Lg. FHCS (Front Head Cap Screws) are required for assembly. Another callout box shows an M8 Nut, with a note that four are needed. Callout G points to the right side of the device, A points to the front plate, and C points to the base. The front plate has four holes for the screws, and the base has four corresponding holes for the nuts.

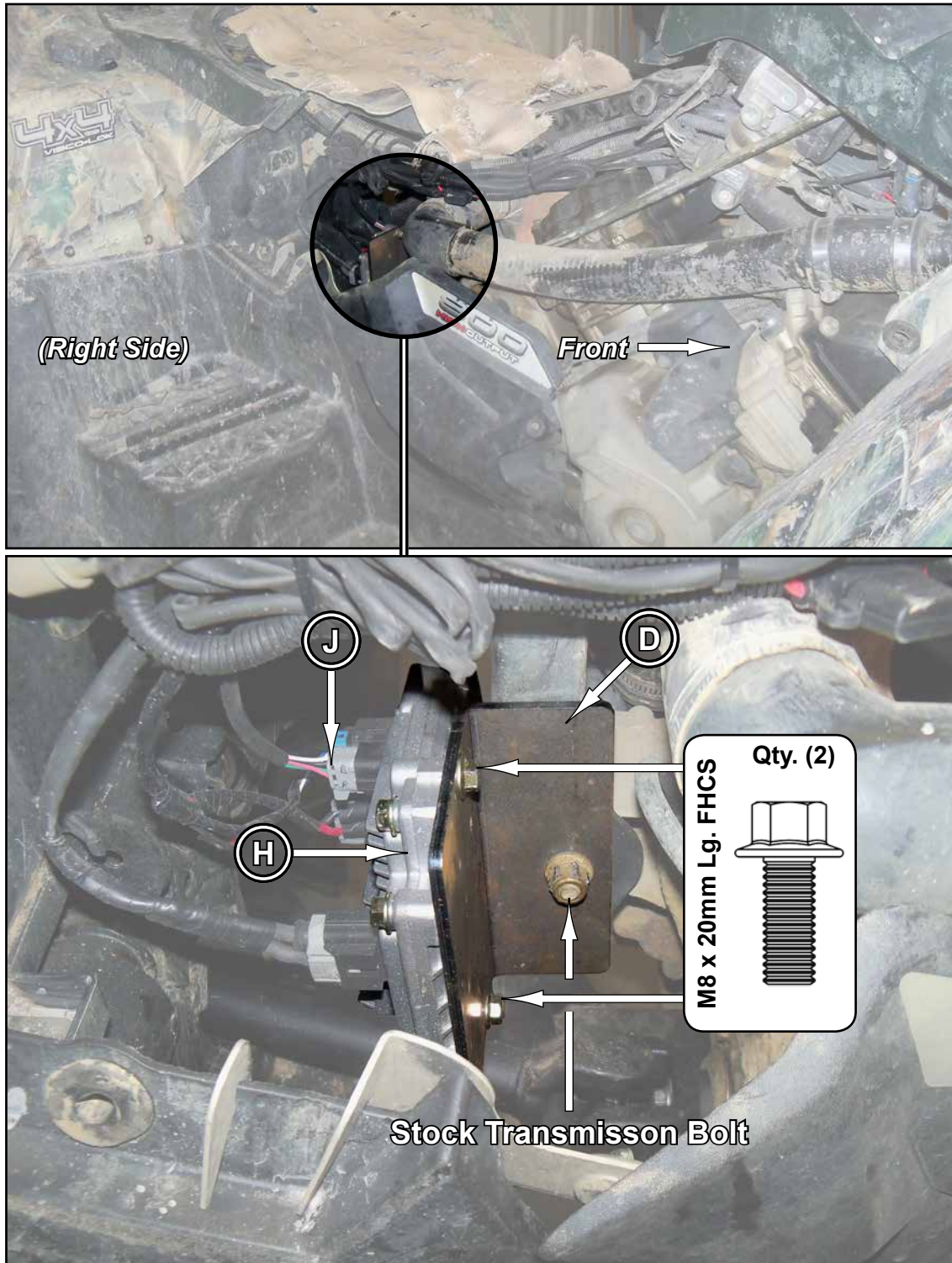






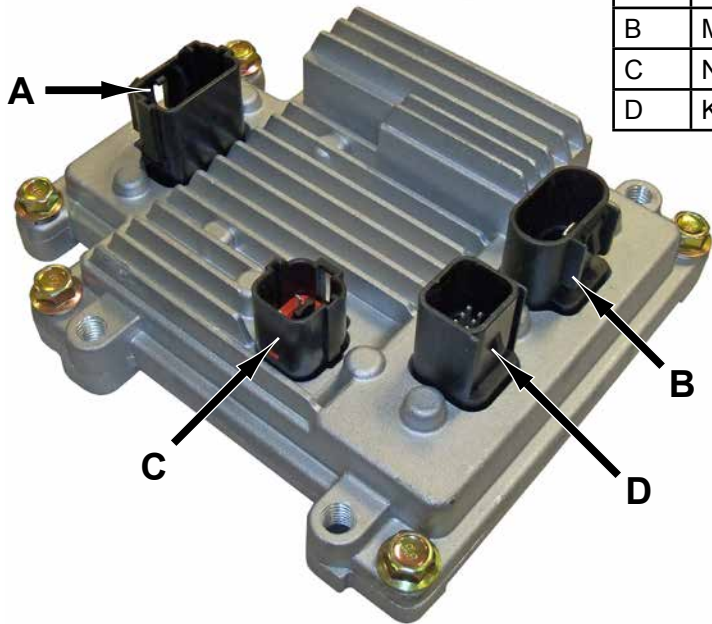
MAX Models ECU Mounting

1. Assemble ECU (H) to ECU Mount (D) with M8 x 25mm Lg. FHCS.
2. On Right Side, near where Gear Selector connects to Engine, remove Transmission Bolt. See below.
3. Install ECU Mount (D) and secure with stock hardware removed in Step 2.
4. Plug in Wiring Harness (J) and make connections. See Wiring Details, pages 13 - 14.



Wiring Details

ECU Functions



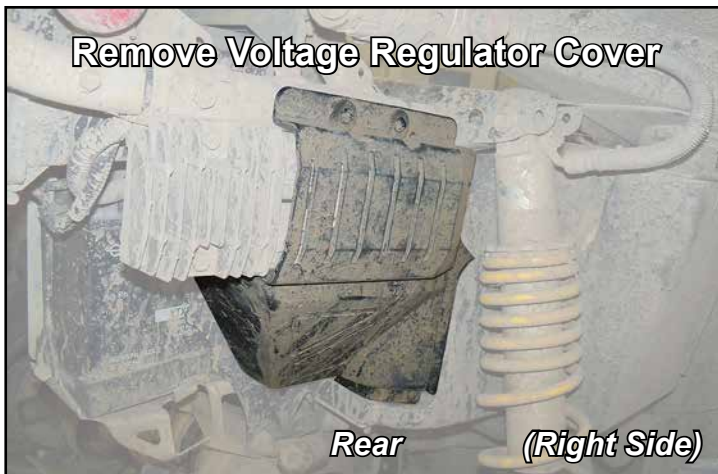
Plug	Function
A	Motor
B	Main Power and Ground
C	Non-Contact Torque Sensor
D	Key-On Power, Speed Sensor Wire, and LED

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

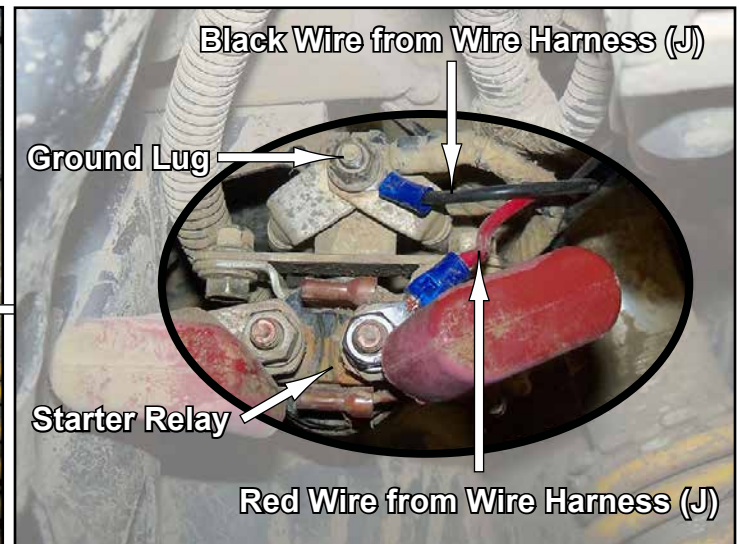
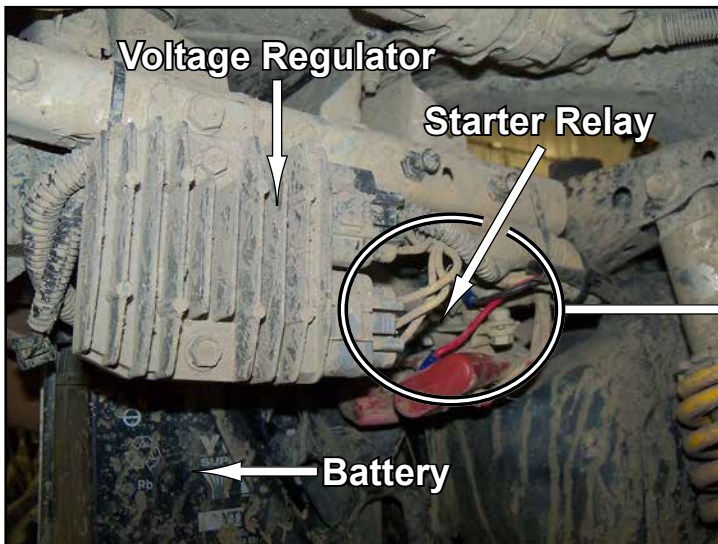


Power Connections

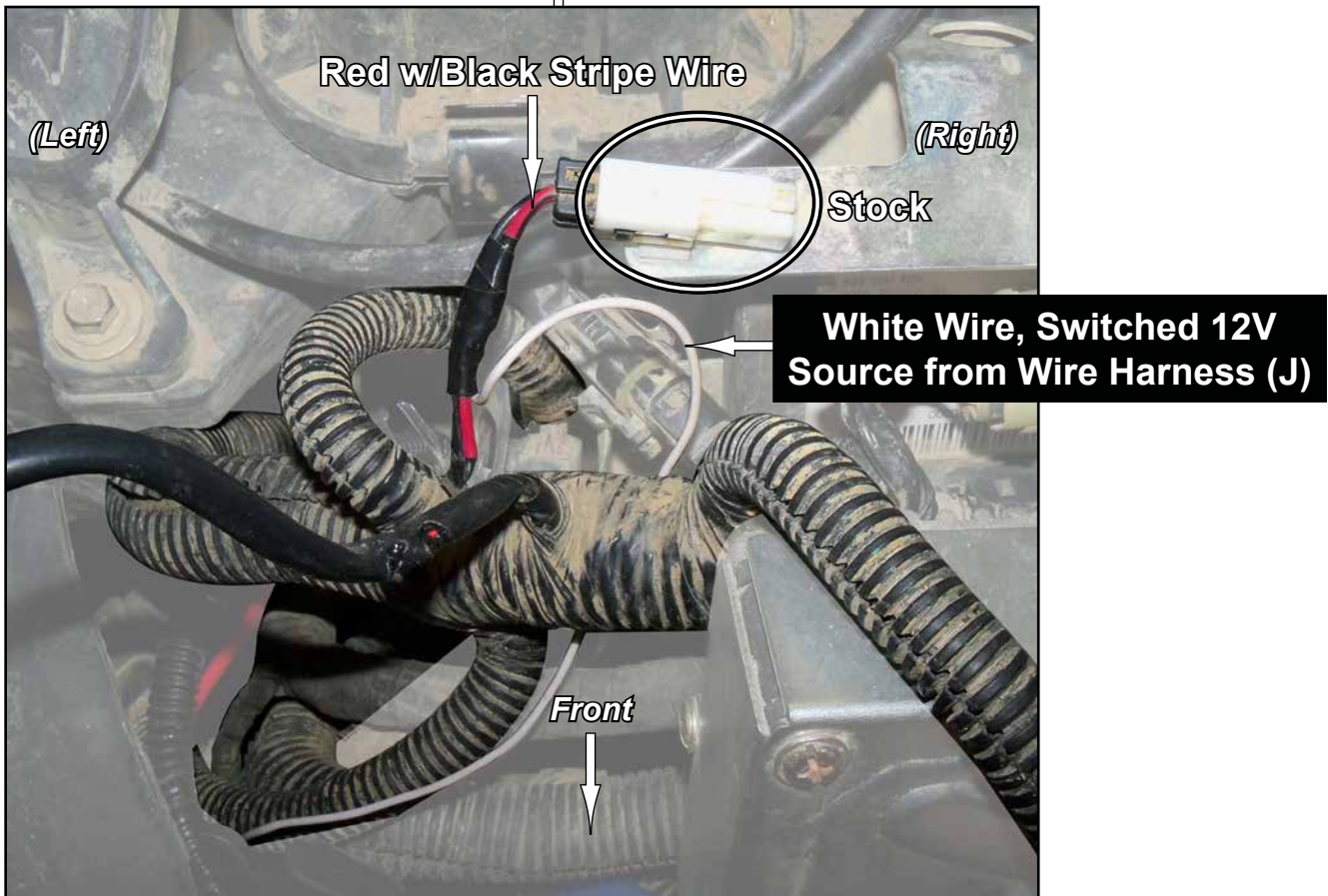
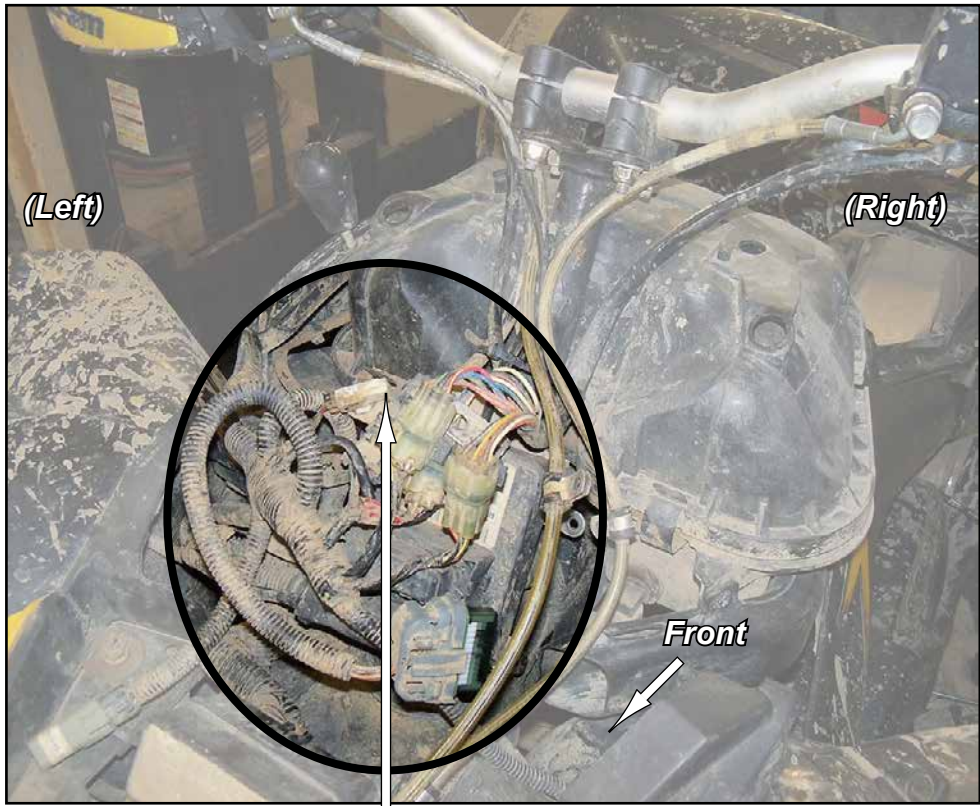
Remove Voltage Regulator Cover



1. Remove Voltage Regulator Cover.
2. Locate Starter Relay and Ground Lug.
3. Red Wire (positive) connects to Starter Relay post and Black Wire (ground) connects to Ground Lug.



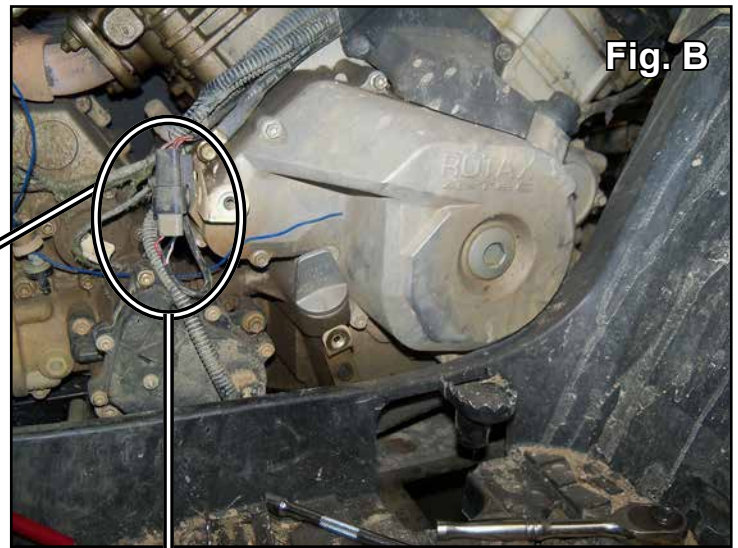
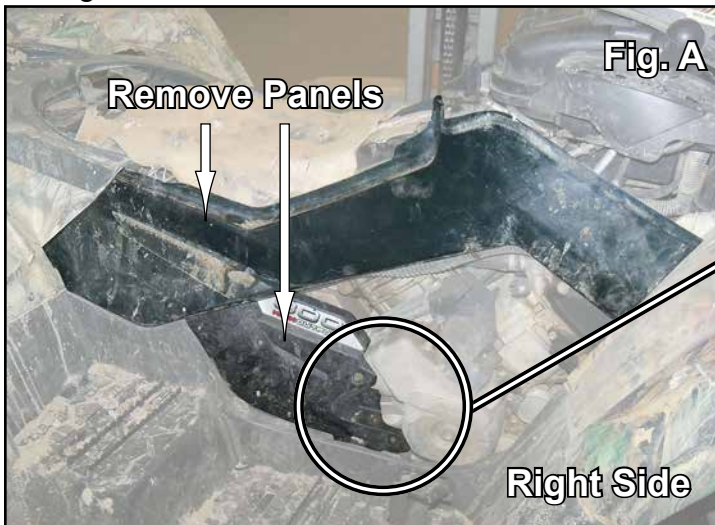
12V Source Connection



Speed Sensor Connection

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

1. Remove Panels shown in Fig. A and locate stock harness containing Red, Black, and White Wires. See Fig. B.
2. Solder, or use Scotch Lock, Blue Wire (Speed Sensor) from Wire Harness (L) to White Wire. See Figs. C - D.



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

1. Remove Panels shown in Fig. A and locate stock harness containing Red, Black, and White Wires. See Fig. B.
2. Solder, or use Scotch Lock, Blue Wire (Speed Sensor) from Wire Harness (L) to White Wire. See Figs. C - D.

