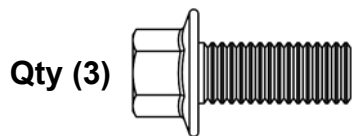
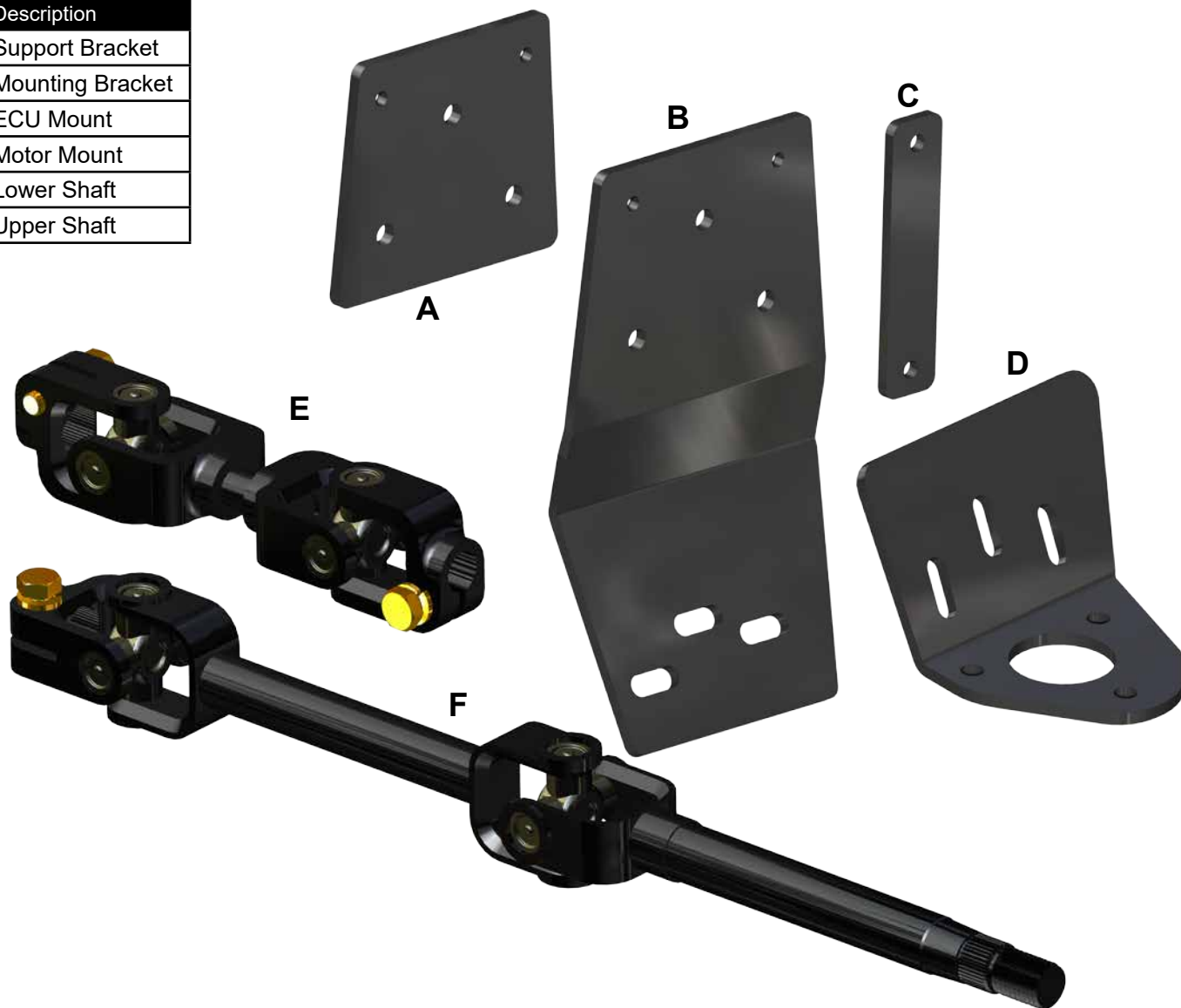


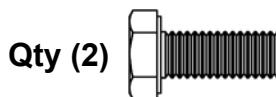
INSTALLATION INSTRUCTIONS

Power Steering for Polaris Ace™

Item	Description
A	Support Bracket
B	Mounting Bracket
C	ECU Mount
D	Motor Mount
E	Lower Shaft
F	Upper Shaft



M8-1.25 x 20mm Lg. FHCS



M6-1.0 x 16mm Lg. HHCS
 -includes washers (not shown)

(Kit contents continue on following page)

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.

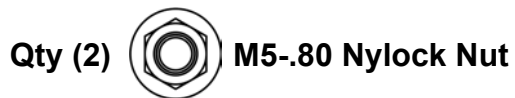
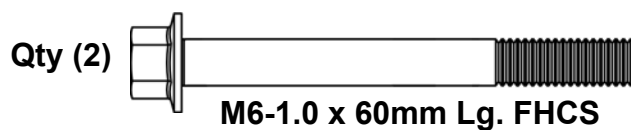
Thank You

For Choosing

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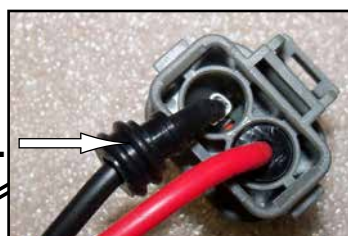
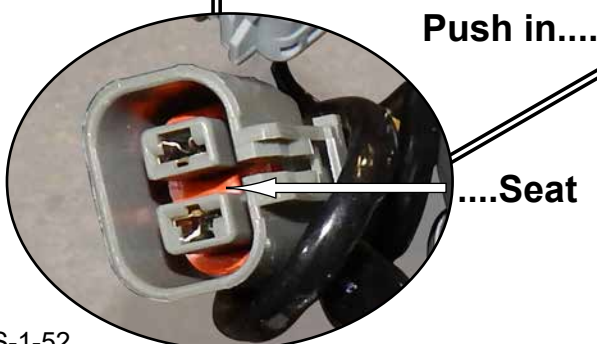
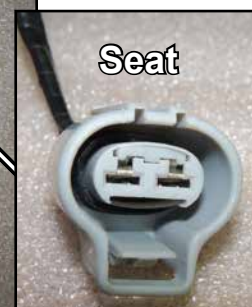
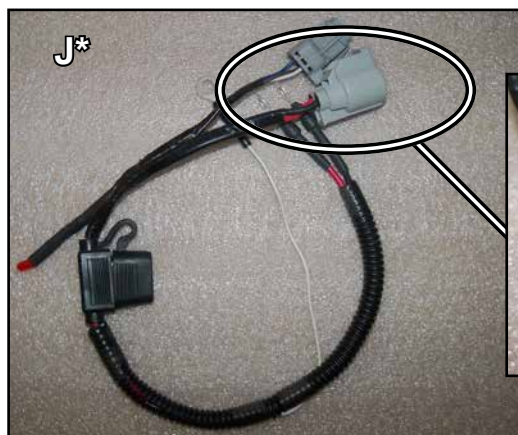
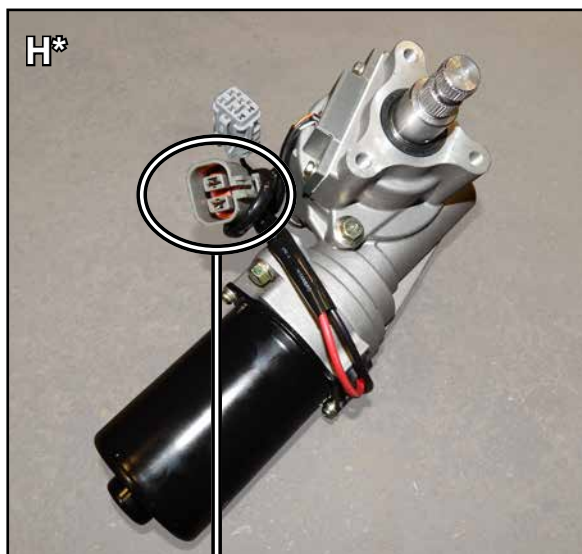
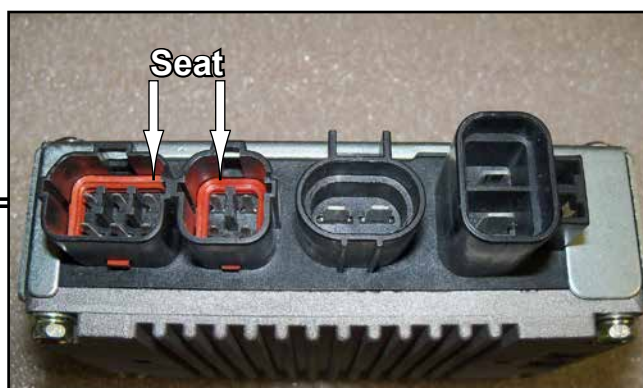
Item	Description
G	ECU
H	Motor
J	Wire Harness

(Kit contents continued)



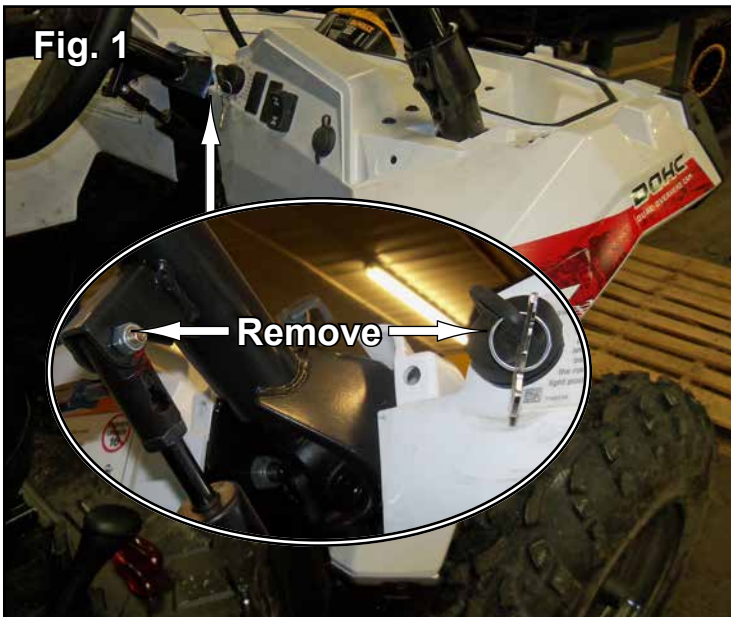
*Connections

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

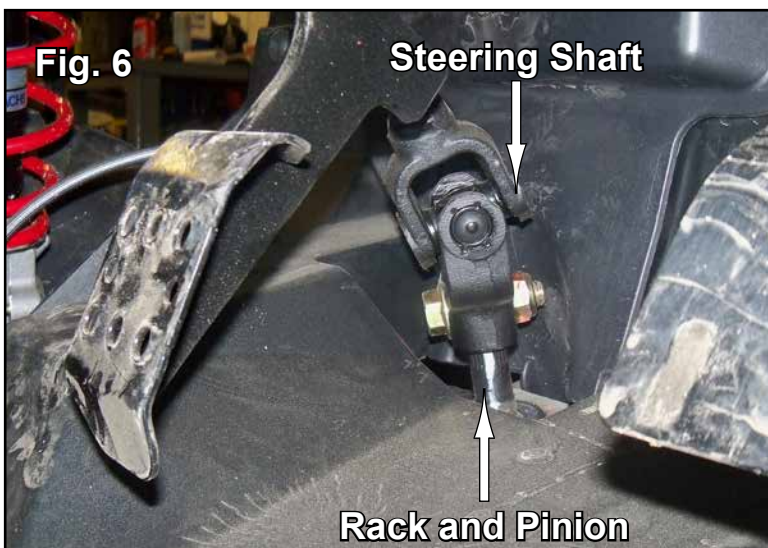
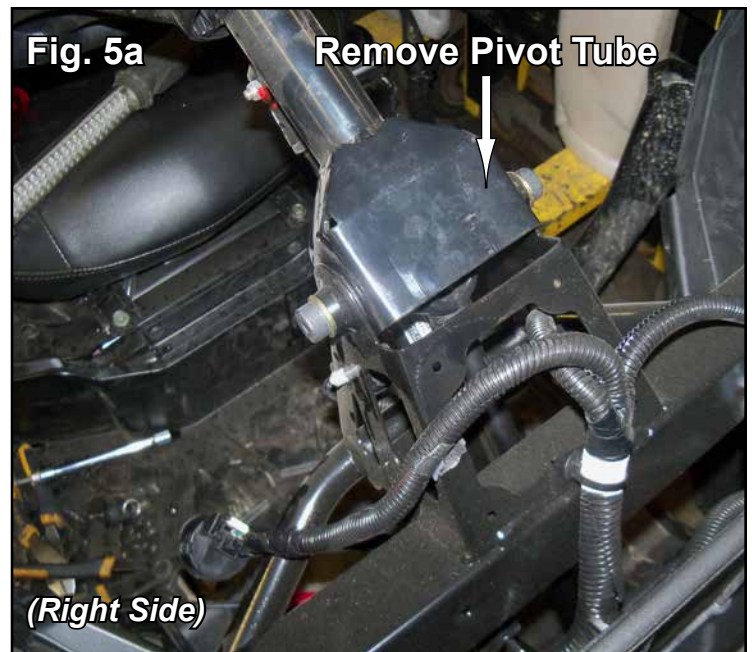
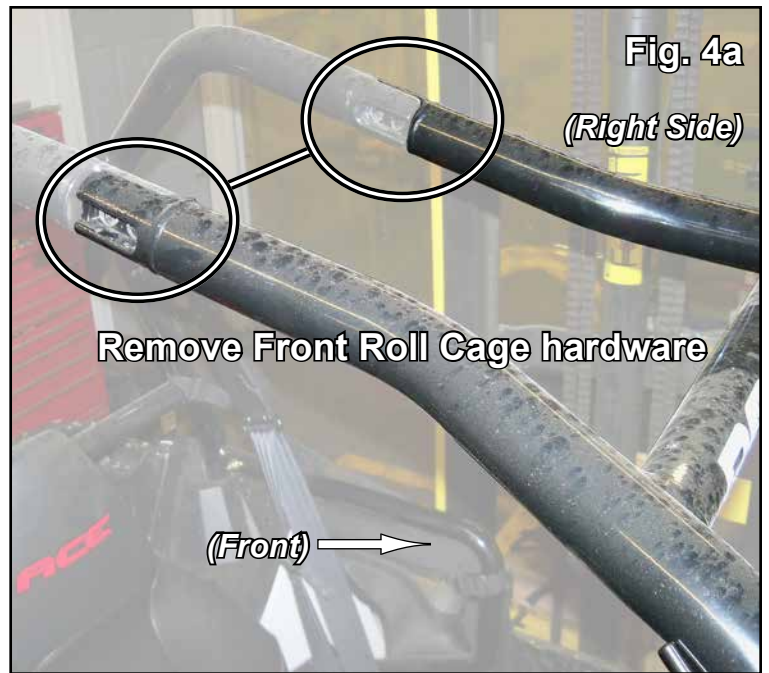
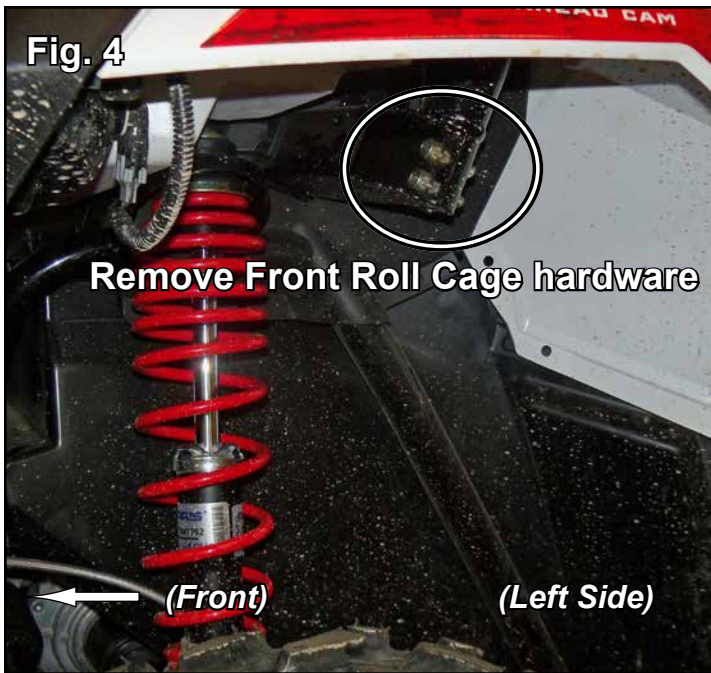


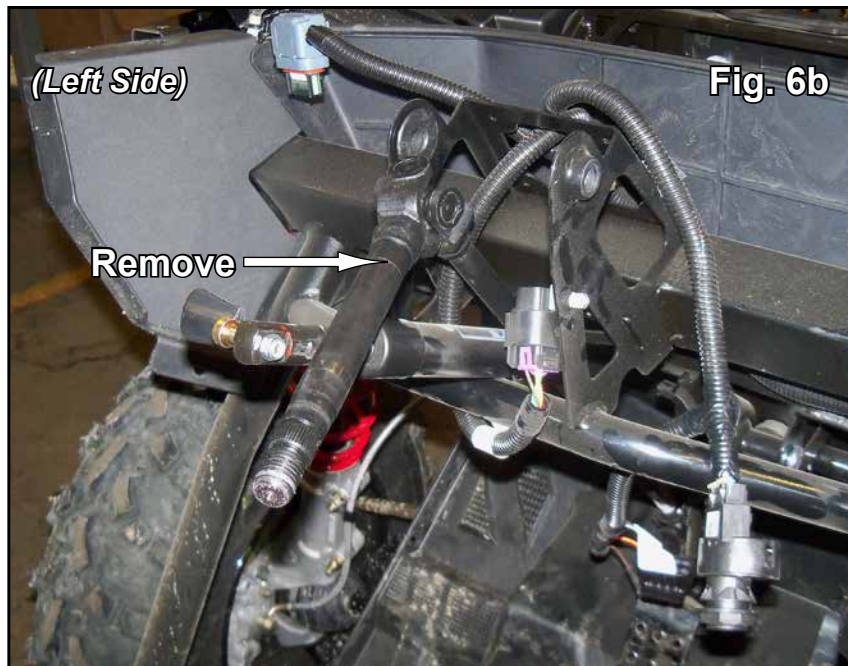
Removal: *Keep all components removed from machine.*

1. Remove Tilt Adjust hardware and Ignition. See Fig. 1.
2. Remove hardware and Plastic Rivets securing Floor Panels to Floor and Rocker Panels; remove Floor Panels. See Figs. 2 - 2a.
3. Remove Plastic Rivets securing Front Box and Upper Cab Panel. See Fig. 3.
4. Remove Front Roll Cage Hardware; remove Front Roll Cage. See Figs. 4 - 4a.
5. Remove Front Box and Upper Cab Panel.
6. Remove Steering Wheel and Pivot Tube. See Figs. 5 - 5a.
7. Remove Steering Shaft from Rack and Pinion. See Figs. 6 - 6b.



(removal illustrations on following pages)



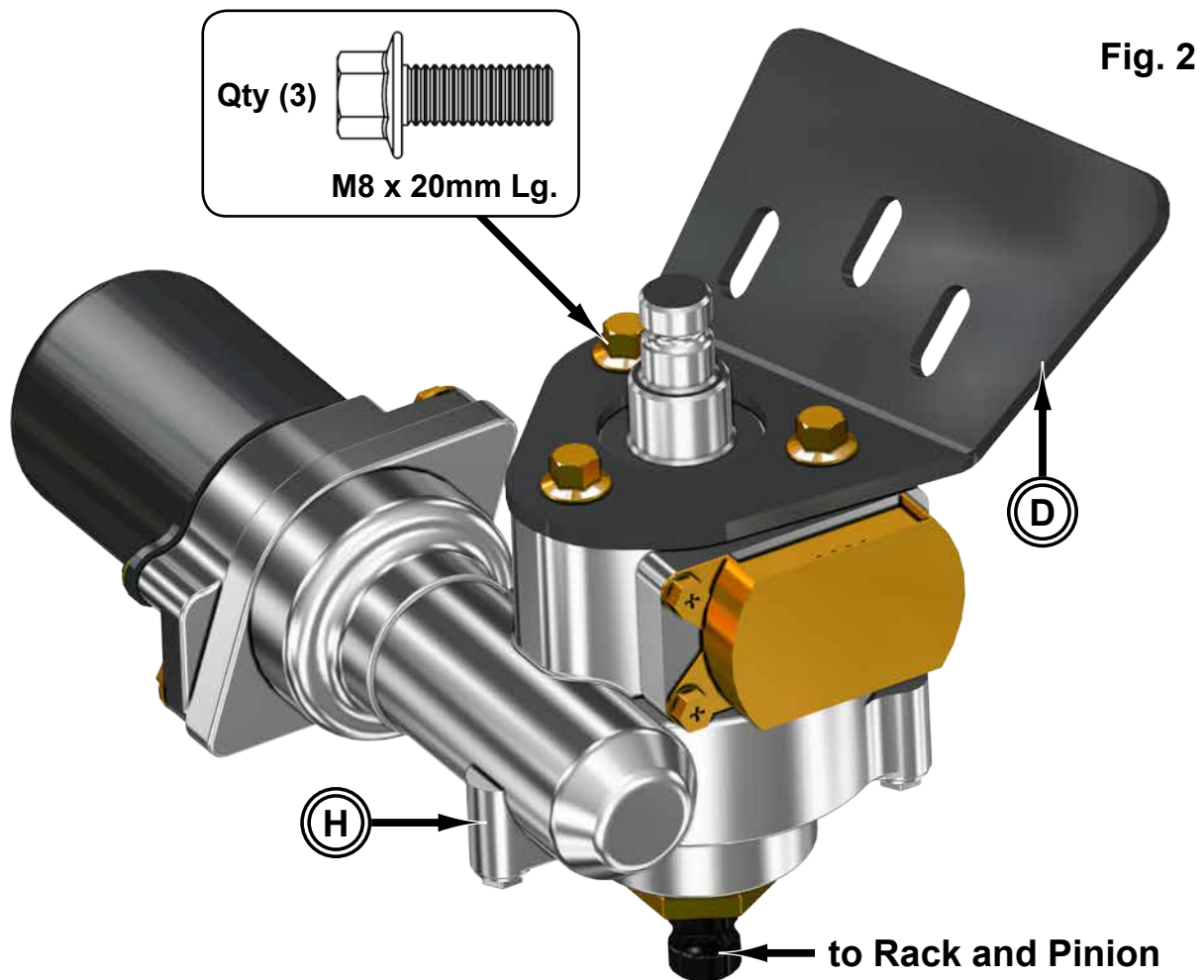
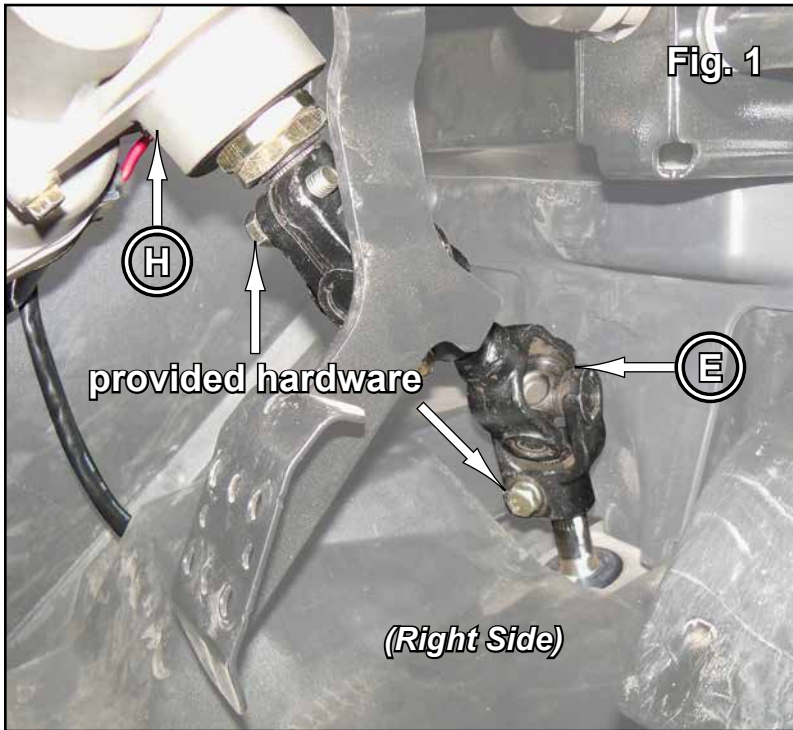


Installation: Do not tighten hardware unless noted.

1. Install Lower Shaft (E) to Rack and Pinion with provided hardware. See Fig. 1.
2. Install Motor (H) onto Lower Shaft (D) with provided hardware. See Fig. 1.
3. Install Motor Mount (D) to Motor (H) with M8-1.25 x 20mm Lg. FHCS. See Fig. 2.
4. Install Support Bracket (A) and Mounting Bracket (B) to Steering Frame with M5-.80 x 20mm Lg. FHCS, M5-80 Nylock Nuts, M8-1.25 x 25mm Lg. FHCS, and M8-1.25 Nylock Nuts. See Figs. 3 - 3b.
5. Join Motor Mount (D) and Mounting Bracket (B) with M8-1.25 x 25mm Lg. FHCS and M8-1.25 Nylock Nuts. See Fig. 4.
6. Install Upper Shaft (F) to Motor (H) with provided hardware. See Fig. 4a.
7. Install ECU (G) and ECU Mount (C) to Frame with M6-1.0 x 60mm Lg. FHCS. See Figs. 5 - 5a.
 - Plug in Wire Harness (J) and plugs from Motor (H). Ensure wires have clearance between *all* components. Secure as needed.
 - Proceed to “Wire Details”, pages 10 - 11.
8. Reverse steps taken during “Removal” and reinstall necessary components with stock hardware.
9. Tighten all hardware completely.

NOTE: With Steering Wheel tilted to lowest setting, slight resistance may be felt at times. If possible do not use lowest setting.

(installation illustrations on following pages)



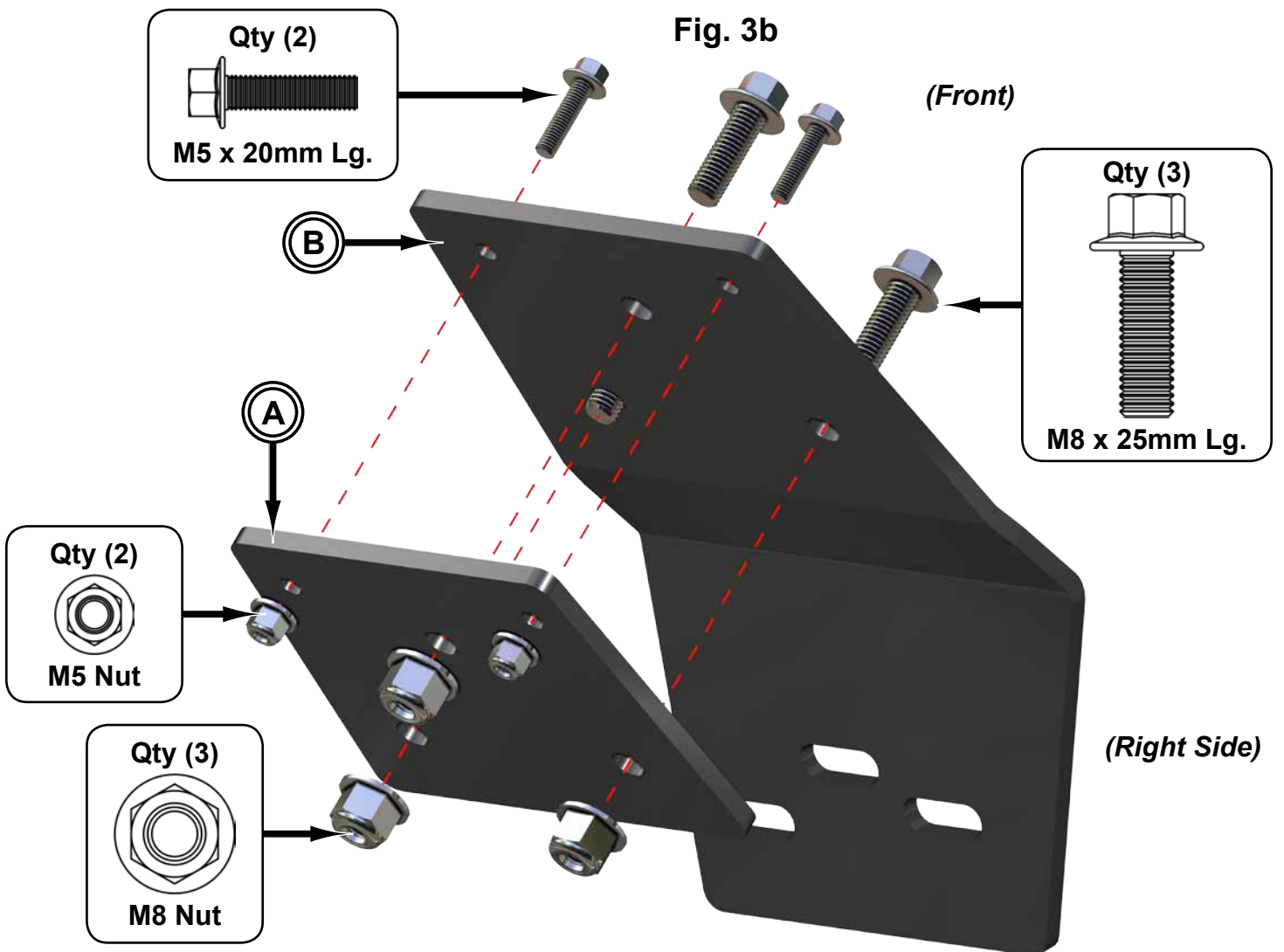
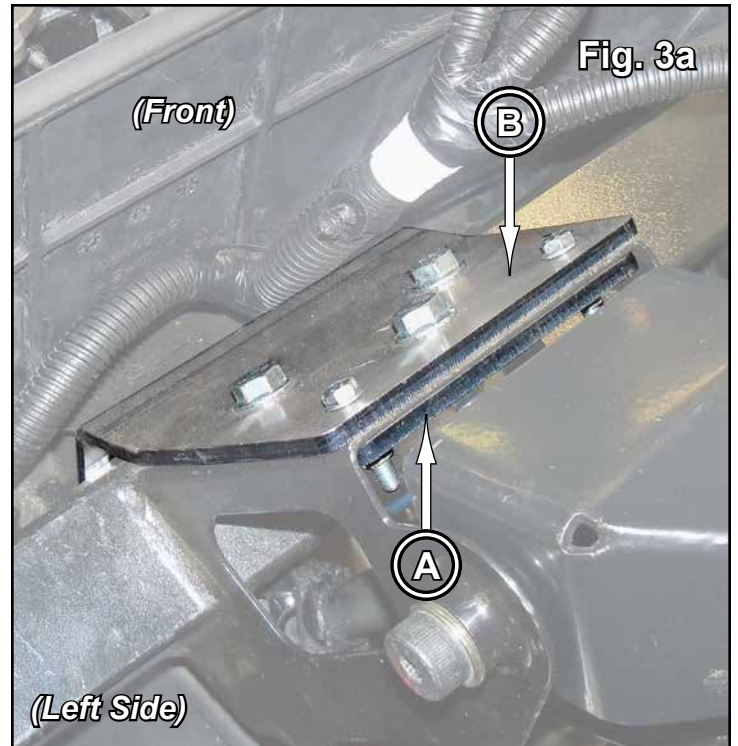
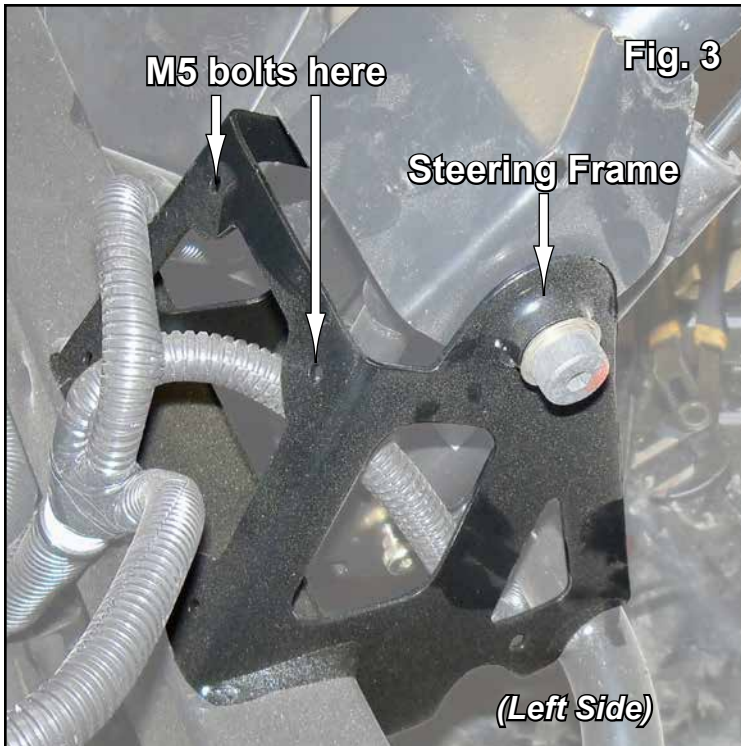
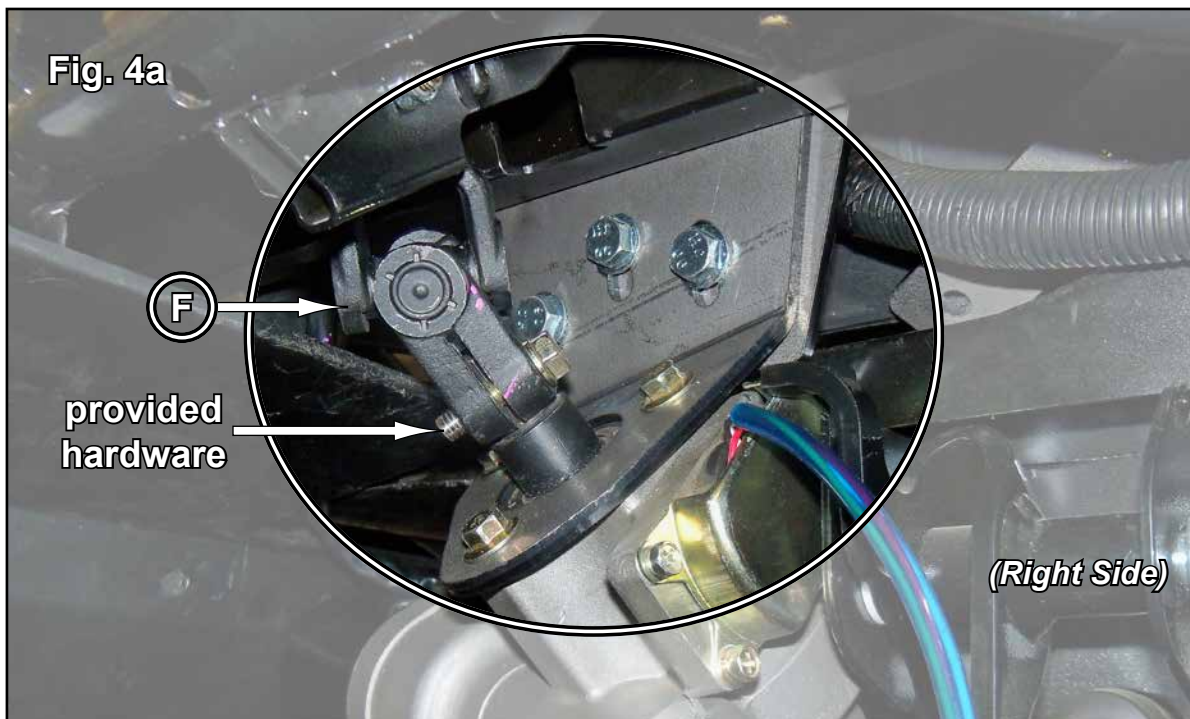
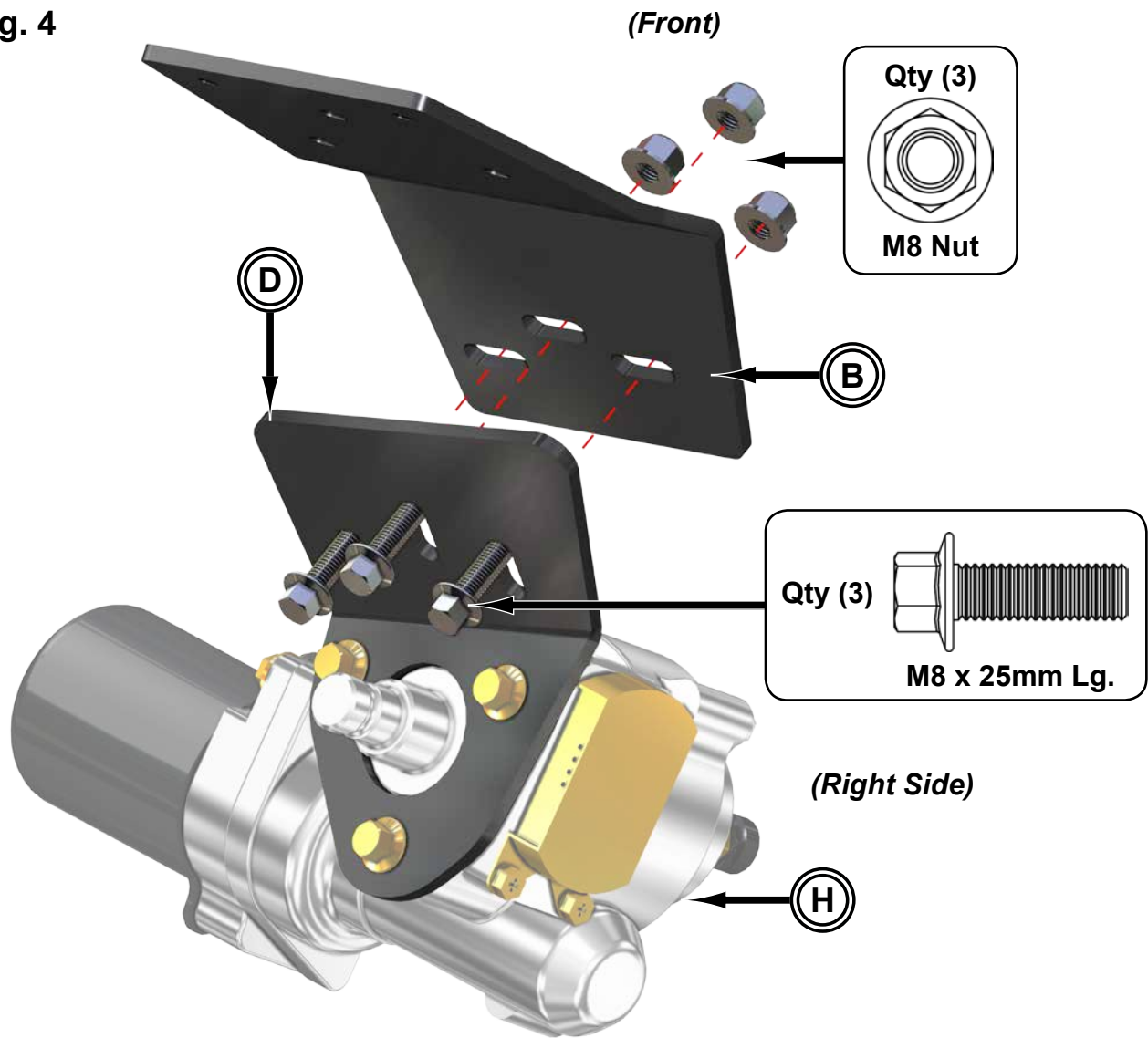
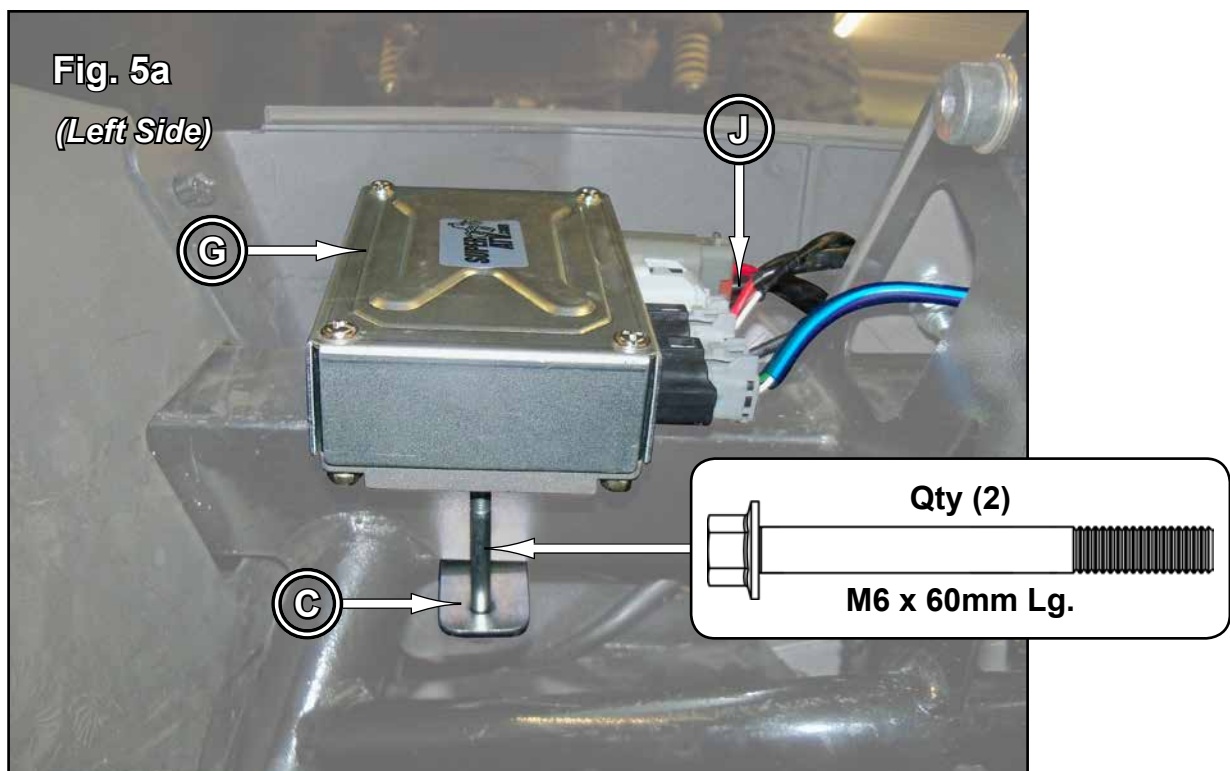
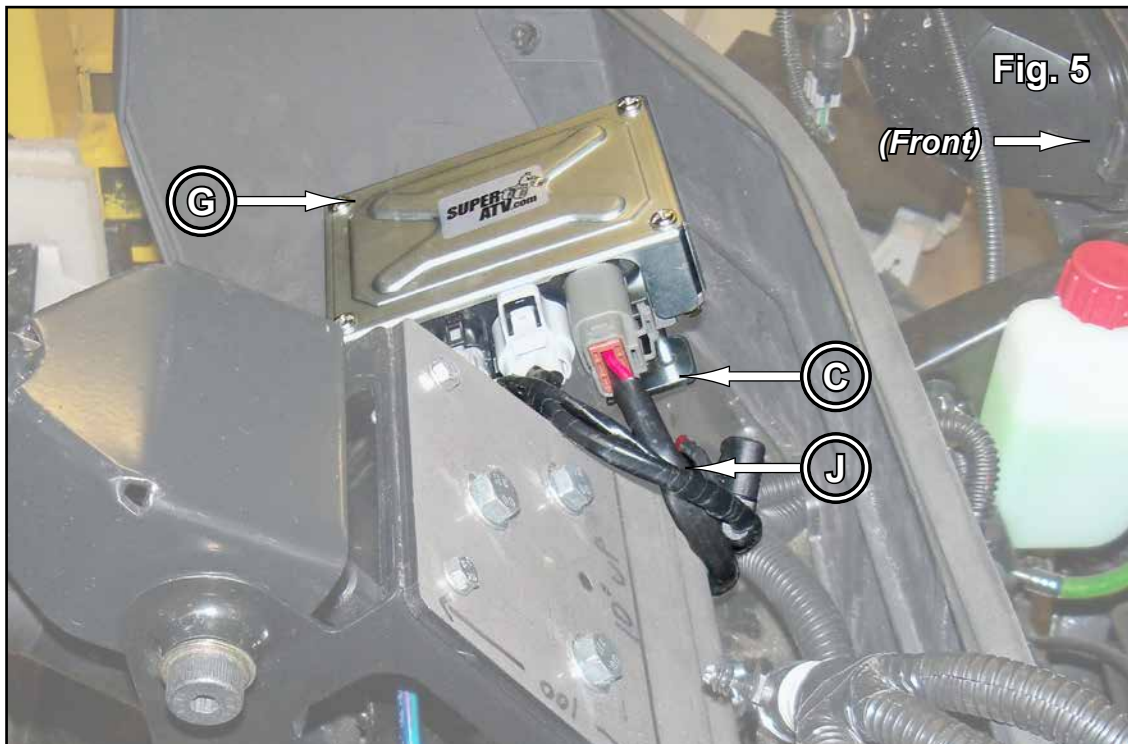


Fig. 4





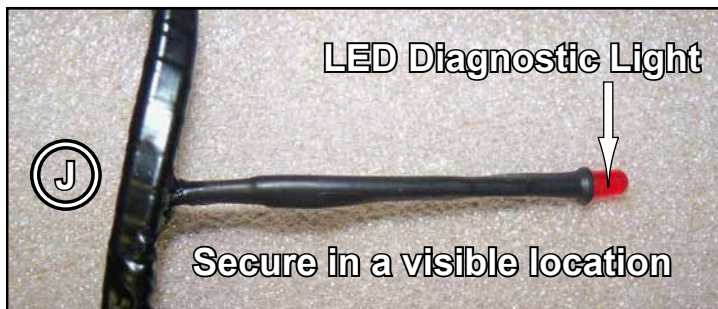
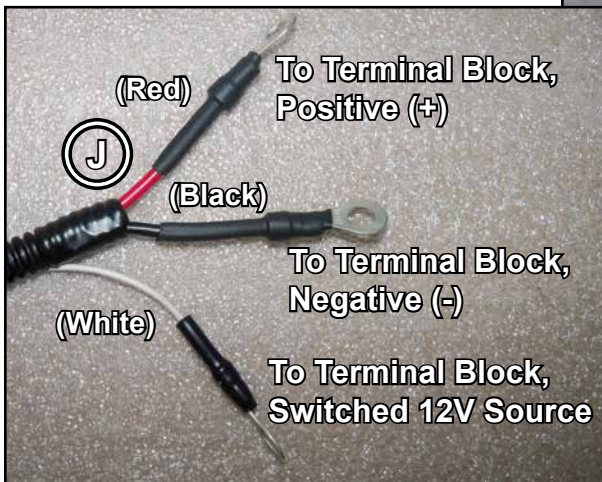
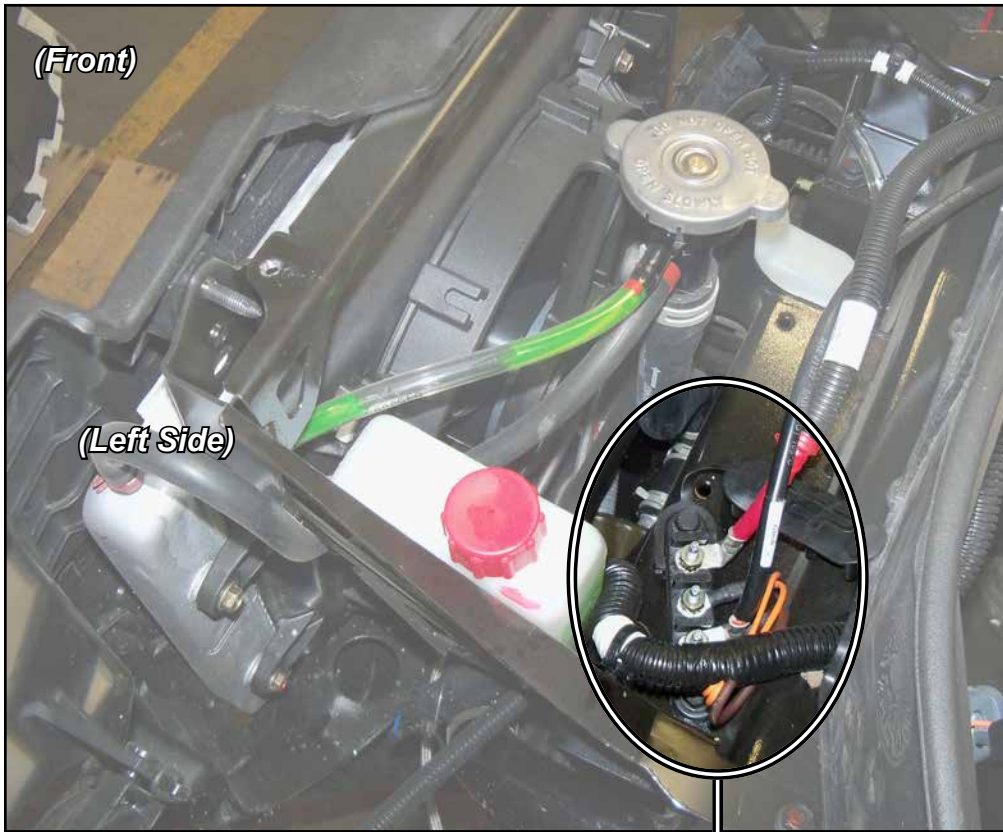
Wiring Details



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



Wiring Details continued



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

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