## **POLARIS GENERAL**

#### FRONT WINCH BUMPER

P/N: TF030501



### **PARTS**

REF	QTY	PART DESCRIPTION
1	1	Bumper Body Sub-Assembly
2	1	Bumper Mount Sub-Assembly
3	1	Light Bar Bracket Set
4	1	Fairlead Plate
5	1	Accent Panel Set

Hardware Kit

## **TOOLS REQUIRED**

- · Wrench or Socket Set
- · Dremel or Shears
- · Allen Wrench Set

#### **BEFORE YOU BEGIN**

If you do not feel comfortable installing your **Thumper Fab** Bumper please see your nearest Polaris® Dealer for installation.

# INSTALLATION INSTRUCTIONS

- 1. Remove Stock Bumper using a 16 mm wrench for the two top bolts, and a 10 mm wrench for the bottom bolts.
- 2. Remove plastic guard by removing the 4 push pins holding it in. Using a dremel or a pair of shears, cut the red section of the plastic quard as shown below.
- 3. Set Mount Sub-Assembly in place as shown. Attach to frame where shown. Use stock hardware you previously removed to secure. If your General is a sport model and did not come with a stock bumper, use the included 10mm hardware for the bottom and 1/2" hardware for the top.





## **INSTALLATION INSTRUCTIONS - CONTINUED**

4. Position body sub assembly on top of mount sub assembly and line up holes as shown. Use four 5/16" x 3/4" button head screws and corresponding flat washers and lock washers on top and bottom to secure Body Sub-Assembly to Mount Sub-Assembly. Use a 3/16" Allen Wrench.





5. Replace the plastic guard and secure with the previously removed push pins.



6. Mount the accent panels using the #8-32 x 1/2" button head screws. Use a 3/32" allen



# **INSTALLATION INSTRUCTIONS - LIGHT**

1. Use the 1/4"-20 x 3/4" bolts and corresponding 6. Carefully cut out one rectangular switch blank washers and nuts to attach light bar brackets as shown.



- 2. Use hardware included with light bar to secure light bar to light bar brackets.
- 3. Attach wiring harness to light bar. Route harness up into hood of unit.
- Open power cap on Polaris Pulse Bar at any open location, then plug in Pulse Bar connector (pictured in red below).
- 5. Run connections for on-off switch through center grommet (pictured in green below).



from main dash panel.



6. Pull wires for switch connection through cut hole and connect to switch as shown. Then push switch into the hole. It should snap securely into place.

DASH SWITCH WIRING

 $\begin{array}{ll} \text{BLACK} \rightarrow & \text{TOP} \\ \text{BLUE} & \rightarrow & \text{MIDDLE} \\ \text{WHITE} & \rightarrow & \text{BOTTOM} \end{array}$ 



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### **INSTALLATION INSTRUCTIONS - WINCH**

- To mount winch on top of bumper as shown below, use hardware included with your winch.
- A fairlead plate has been included that installs in the same holes the light bracket tabs normally do with the same hardware, but on the exterior of the bumper. This will allow for use of stock winch position. DO THIS AT USER'S OWN DISCRETION. Slight shaving or grinding may be required at the top of winch cable slot on frame to prevent cable from rubbing when using winch in this position. Due to relocated fairlead, the angle of the cable causes cable to contact the top of winch slot, which could result in cable failure.



#### **Thumper Fab**

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