

THROTTLE CABLE KIT

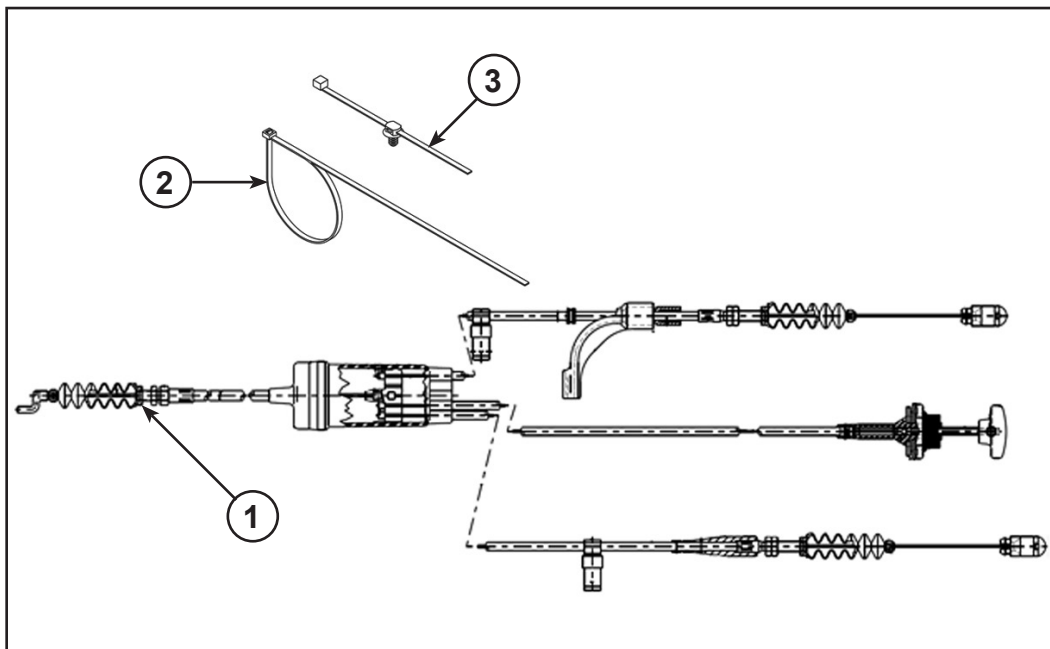
P/N 2205202



Application

BRUTUS

Before you begin, read these instructions twice and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.



Kit Contents:

<u>Ref</u>	<u>Qty</u>	<u>Part Description</u>	<u>Part Number</u>
1	1	Throttle Cable	7081917
2	3	Strap-Panduit, 11"	7080492
3	1	Routing Clip	7081496
	1	Instructions	9924589

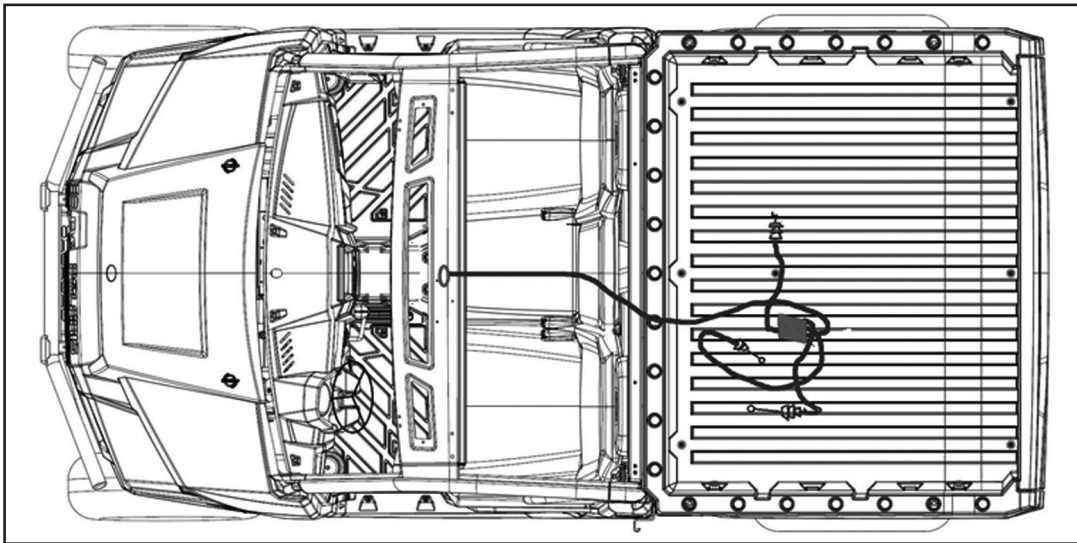
Tools Required:

Safety Glasses	M10 Wrench	M13 Wrench
Torque Drivers	1" Drill Bit	#1 Phillips Screw Driver

APPROXIMATE ASSEMBLY TIME: 50 minutes

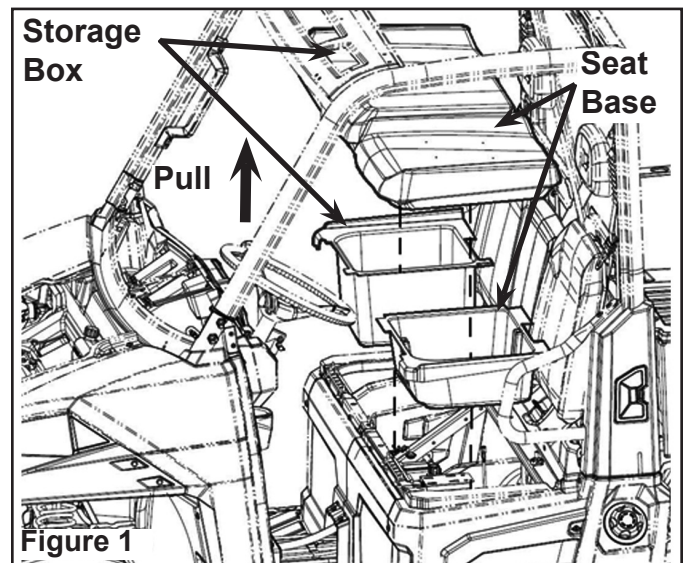
IMPORTANT: Your Polaris THROTTLE CABLE is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety and to ensure a satisfactory installation, perform all installation steps correctly and in the sequence shown.

Installation and Cabling Diagram:

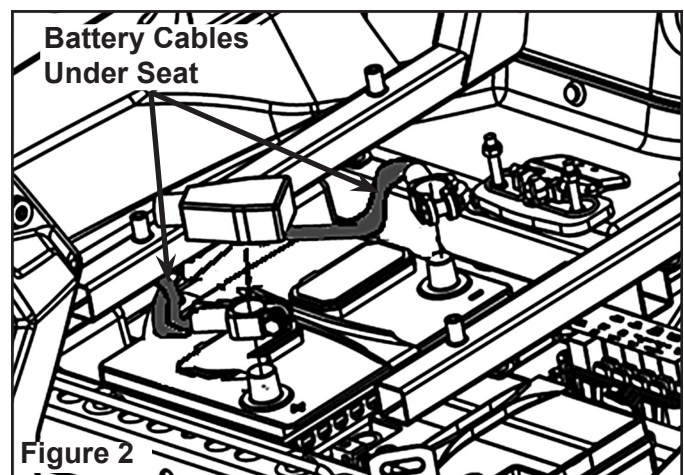


INSTALLATION INSTRUCTIONS:

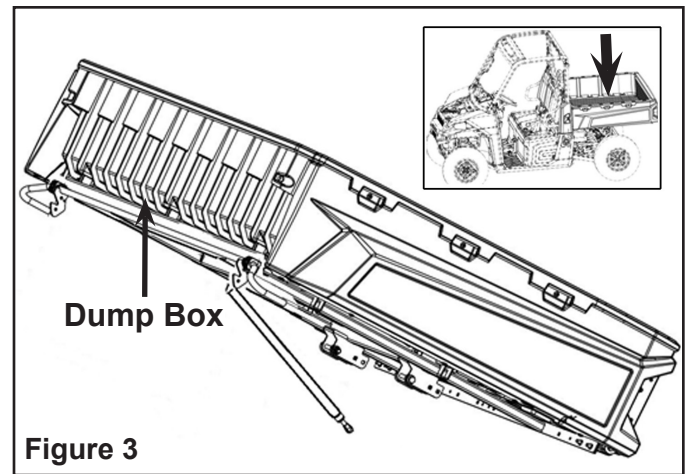
1. Turn the key to "OFF" position and remove the key from vehicle.
2. Remove both the seat base and the storage boxes. Figure 1.



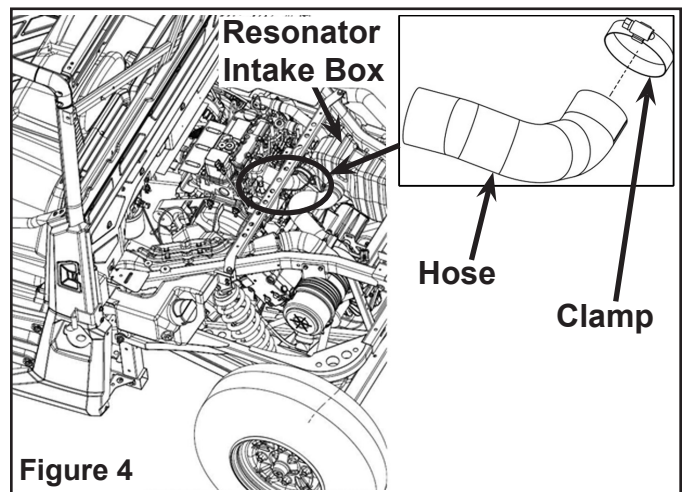
3. Locate the battery underneath the passenger seat and disconnect the black negative and red positive battery cables from the battery. Figure 2.



4. Lift the dump box fully. Figure 3.



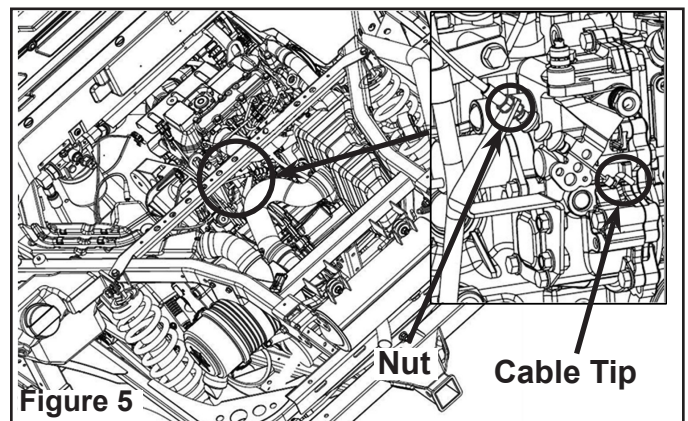
5. Detach the hose from the resonator intake box to get easy access of throttle cable end. Figure 4.



6. Using M10 wrench, remove the cable end going to the engine by loosening the nut. Figure 5.

7. Disengage the cable tip from the throttle lever.

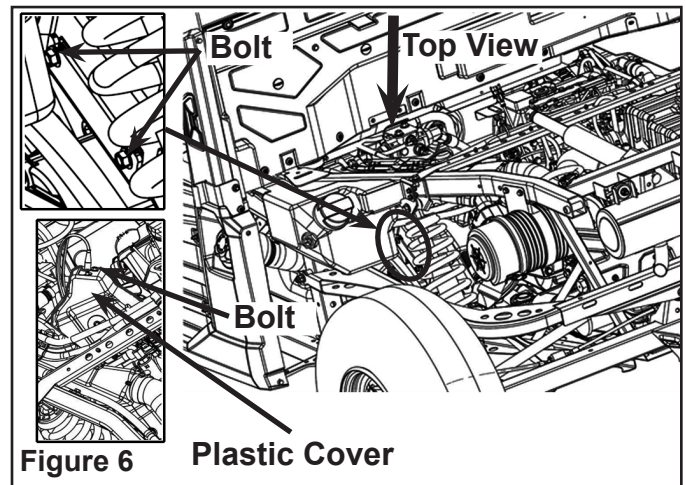
IMPORTANT: Mark the routing of cable for easy installation of new cable.



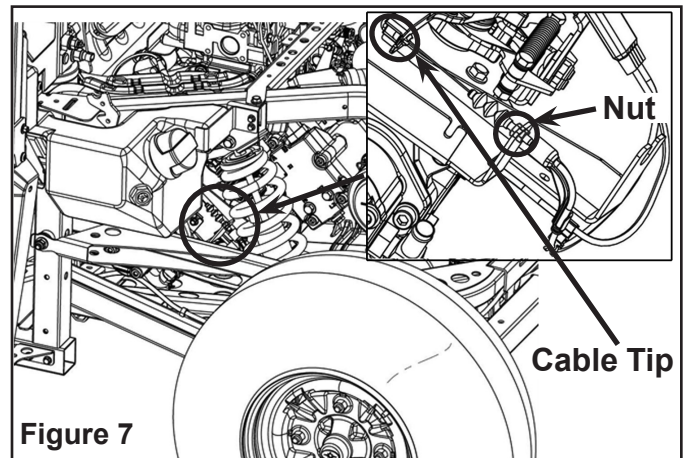
8. Removal of Plastic Control Cover:

- a) Remove three 6 mm bolts using 10 mm wrench. Figure 6.
- b) Pull the plastic cover. Figure 6.

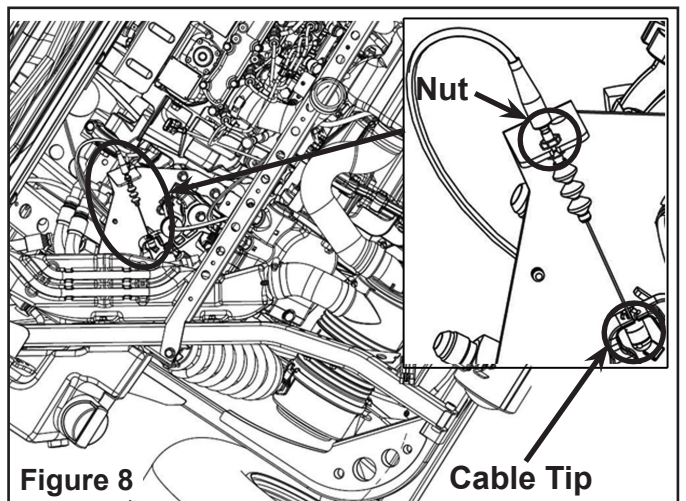
NOTE: It may require extra force to remove plastic control cover.



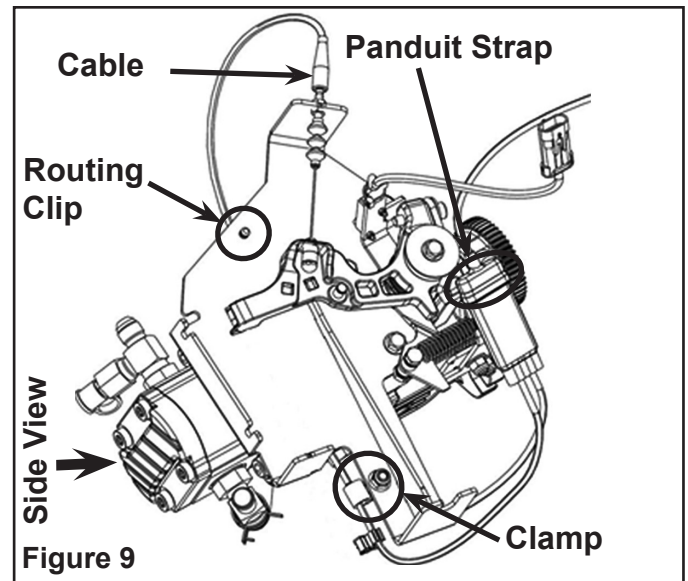
9. Using M10 wrench, remove the cable end going to the back side of command lever by loosening nut. Figure 7.
10. Disengage the cable tip from the command end.



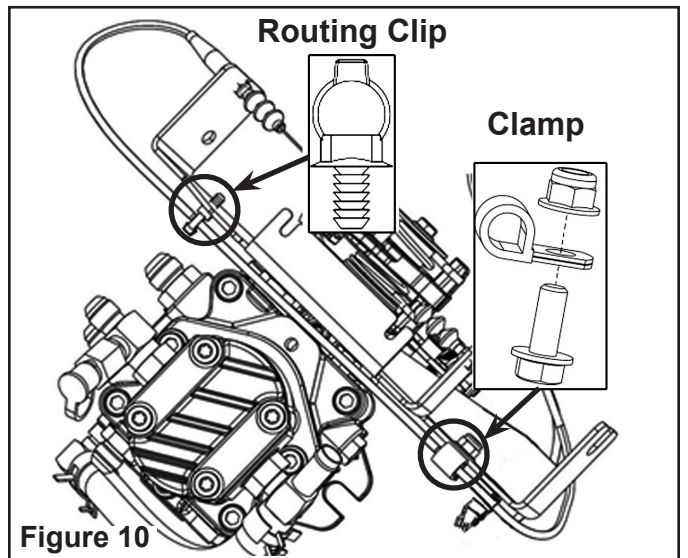
11. Using M10 wrench, remove the cable end going to the front end of command lever by loosening nut. Figure 8.
12. Disengage the cable tip from the command end.



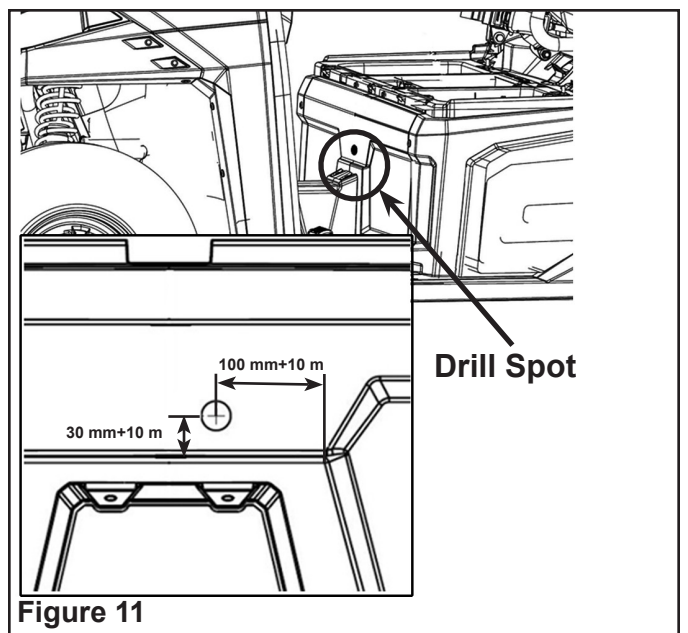
13. Using M13 wrench, remove the clamp and cut the routing clip (PN 7081496) as well as panduit strap (PN 7080492) holding the unit. Figure 9 and Figure 10.



14. Remove the throttle cable (PN 7081917) unit completely from the vehicle. Figure 9 and Figure 10.
15. Attach all three ends of supplied throttle cable (PN 7081917).
16. Install the new clamp, routing clip (PN 7081496) and panduit strap (PN 7080492) for proper clamping of the throttle cable unit (PN 7081917) and for proper routing of the cable to the forward side of command lever.
17. Re-attach the hose which was detached in Step 3 from resonator intake box.
18. Attach the plastic cover which was removed in Step 6.

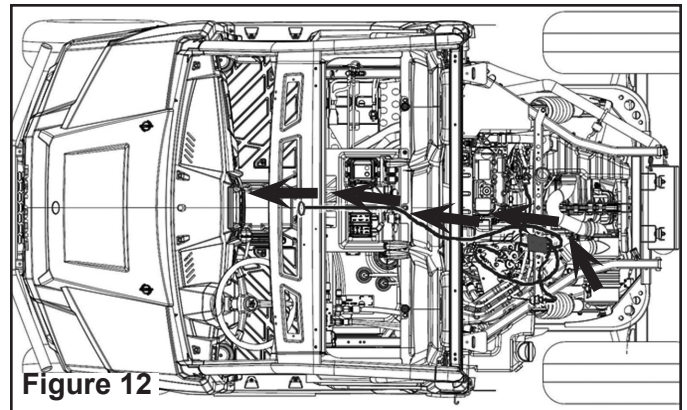


19. Drill a hole at the position shown using 1" drill bit. Figure 11.



20. Route the cable end passing below the center box in the direction of arrows. Figure 12.
21. Secure cable end on at least two locations using panduit straps (PN 7080492) to prevent cable from contacting any hot or moving part.

NOTE: The center box is pushed aside for easy installation of the cable.



22. Removal of Plastic Control Cover. Figure 13.

- a) Using #1 Phillips screw driver, remove the screw and also jam nut from the shaft of knob.
- b) Insert the adjuster side of the knob in the drilled hole.
- c) Insert the jam nut on the adjuster side and tighten it to the panel.
- d) Re-install the knob on to the shaft of the knob by tightening the screw. Torque to 0.5 ft. lbs. (0.68 Nm).

NOTE: If required, use adjuster to put the shaft of knob in extended (pull) position by tightening the adjuster in clockwise direction.

23. Restore the box to rest position which was put in dump position in Step 2.
24. Put storage box and seat base back to its position.

