



# OPERATIONS MANUAL



**Polaris RZR® 900 SHERPA Rack™  
&  
Polaris RZR® 900 Expedition Rack™ (Jim Todd Edition)**



## POLARIS RZR® 900 SHERPA RACK™

PART#	DESCRIPTION
RB05039	POLARIS RZR® 900 SHERPA RACK™ (MOUNTING HARDWARE INCLUDED)



We call this Rack the “Sherpa” out of great respect for the people that live in the North-Eastern Part of Nepal. It’s been known for years that Sherpas have led people on great adventures helping people achieve great accomplishments. While we can’t lead everyone on an adventure, we can design products to help them on their way. We feel that our Sherpa Rack™ is a great tool that will help you on your next great adventure!

Polaris RZR® 900 SHERPA Rack™ Fitment Chart		
Width	Year	Product Fitment
50”	2015 - Present	RZR® 900
50”	2015 - Present	900 EPS
60”	2015 - Present	EPSXC
60”	2015 - Present	S900
60”	2015 - Present	S1000
60”	2015 - Present	S900EPS
60”	2015 - Present	S1000EPS



## INCLUDED MOUNTING HARDWARE

- (2) M8 × 70mm Bolts
- (4) M10 × 25mm Bolts
- (6) AL Flat Washer (RB05052)
- (6) 1/4" Button Head Bolts
- (6) 1/4" Nylock Nuts
- (12) 1/4" Washers
- (2) M8 Nylock nuts

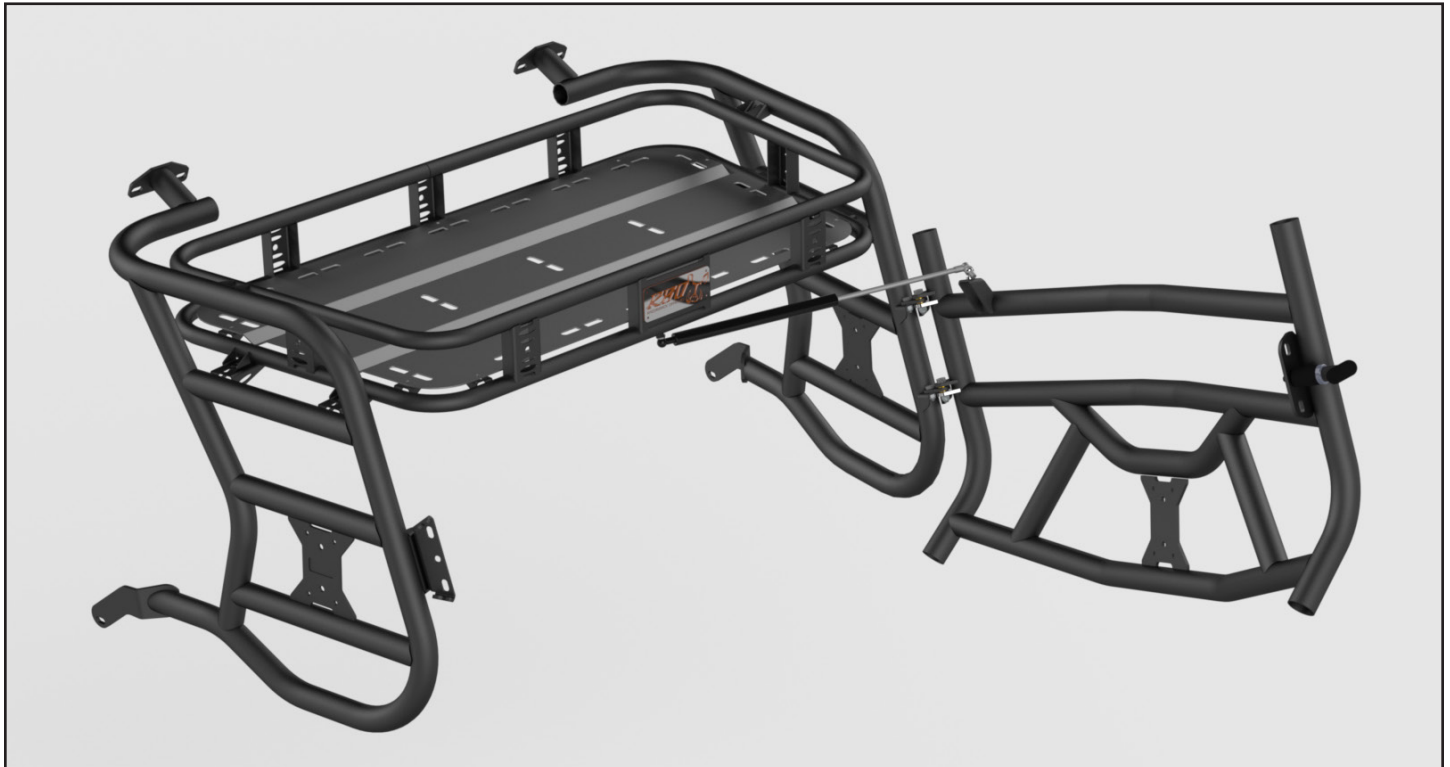
## TOOLS REQUIRED FOR INSTALLATION

- 1/2" OR 13mm SOCKET / END WRENCH
- 5/32" ALLEN WRENCH
- 7/16" END WRENCH
- 15mm END WRENCH



## Polaris RZR®900 Expedition Rack™ (Jim Todd Edition)

PART#	DESCRIPTION
RB05040	Polaris RZR®900 Expedition Rack™ (Jim Todd Edition) (MOUNTING HARDWARE INCLUDED)



This is the rack for those who enjoy going on long expeditions and want to take everything with them. One of the first Racks that Jim Todd developed for RBO, his vision was a true multi-purpose rack, with ultimate functionality. Along with functionality, Jim wanted a look that would enhance any Side x Side. Jim spent hundreds of man hours developing and testing the Expedition Rack™ on his UTV. He traveled thousands of miles in his Side x Side, and was able to thoroughly evaluate the strengths and weaknesses of the rack. Over the years, Jim has gone through dozens of designs; modifying everything from the shape of the tailgate, the height of the top tray, to the height of the fuel mounts until he got it just right. What you see now is the results of Jim's relentless efforts.

Polaris RZR® 900 EXPEDITION Rack™ Fitment Chart		
Width	Year	Product Fitment
50"	2015 - Present	RZR® 900
50"	2015 - Present	900 EPS
60"	2015 - Present	EPSXC
60"	2015 - Present	S900
60"	2015 - Present	S1000
60"	2015 - Present	S900EPS
60"	2015 - Present	S1000EPS

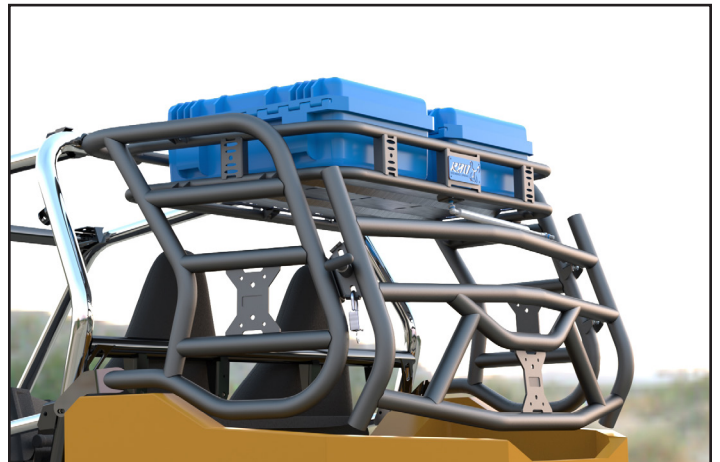


## INCLUDED MOUNTING HARDWARE

- (2) M8 × 70mm Bolts
- (4) M10 × 25mm Bolts
- (6) Alum. Flat Washer (RB05052)
- (8) 1/4" Button Head Bolts
- (14) 1/4" Washers
- (2) M8 Nylock nuts
- (8) 1/4" Nylock Nuts
- (8) 5/16" X 3/4" Socket Cap
- (10) 5/16" Nylock Nuts
- (4) 3/8" Brass Washers
- (2) 3/8" Shoulder Bolts
- (1) Threaded T-Handle
- (2) RB05084 Hinge Brackets

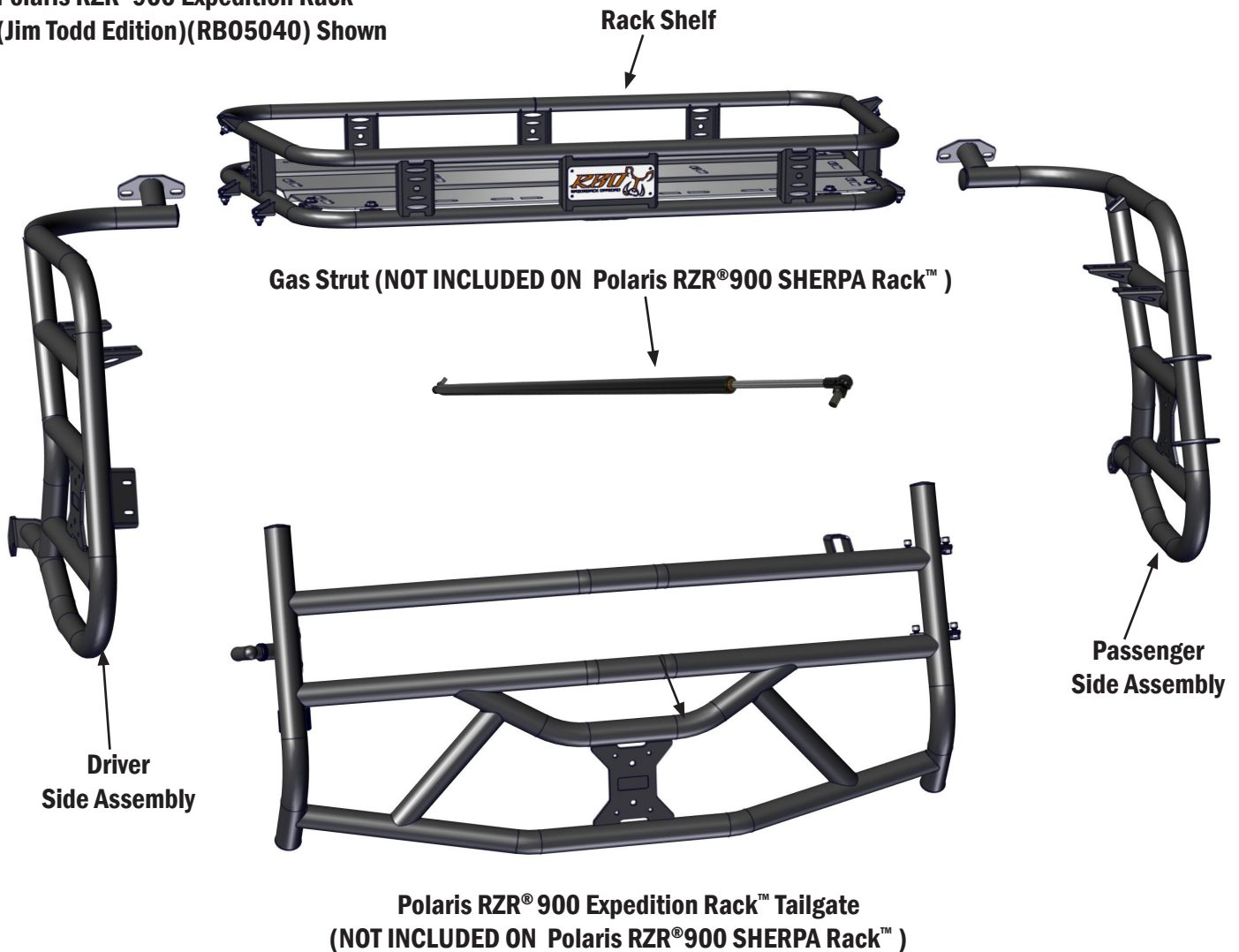
## TOOLS REQUIRED FOR INSTALLATION

- 1/2" OR 13mm SOCKET / END WRENCH
- 5/32" ALLEN WRENCH
- 7/16" END WRENCH
- 15mm END WRENCH



## Installation Instructions

**Polaris RZR®900 Expedition Rack™  
(Jim Todd Edition)(RB05040) Shown**



The following are general instructions for installation of the Polaris RZR®900 SHERPA Rack™ (RB05039) and Polaris RZR® 900 Expedition Rack™ (RB05040).

-It is the up to the installer that each rack be securely mounted.

-RBO recommends using two people for install.

-Install “Side Assemblies” to the base unit using top mounting holes using



- (4) M10 × 25mm Bolts

-Do not fully tighten, keep “Side Assemblies” slightly loose. This will give a little play with installation on unit.

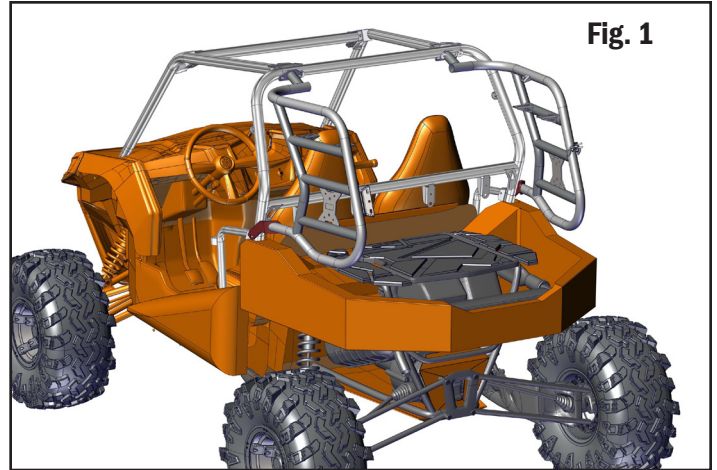


Fig. 1

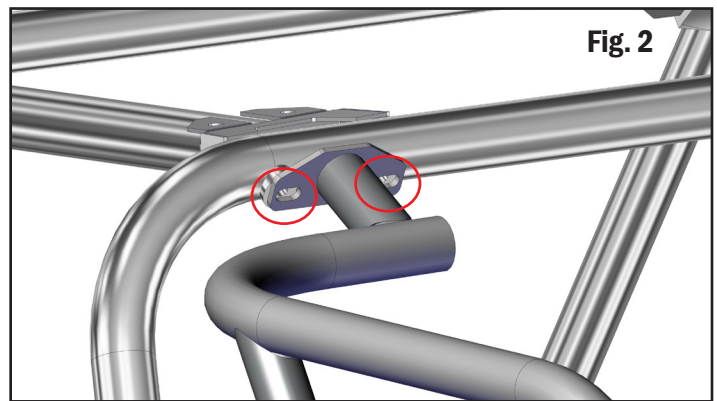


Fig. 2

-Place the side mounting bolt into side mounting hole but do not install fully



-M8 × 70mm Bolts



-(3) Alum. Flat Washers (Fig. 3)

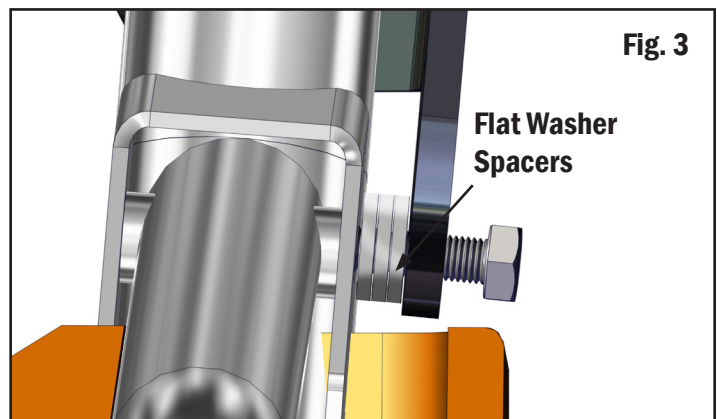


Fig. 3

- Use existing nut if it is available
- Install rack on to side assemblies using



-(6) 1/4" Button Head Bolts



-(12) 1/4" Flat Washers



-(6) 1/4" Nylock Nuts

-Do not fully tighten, keep the rack slightly loose. This will give a little play with installation on unit.

-Starting from the top of the rack and moving down, tighten all loose bolts

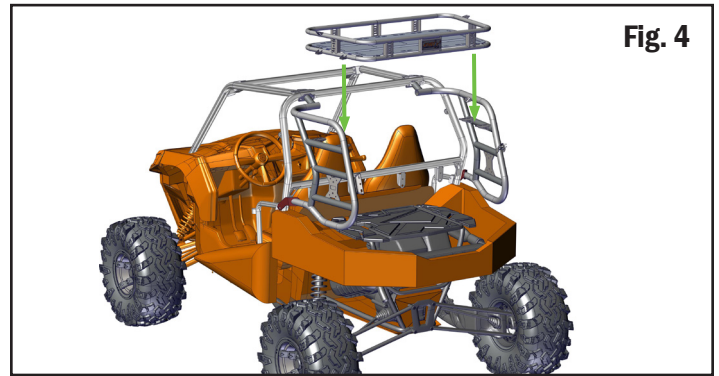


Fig. 4

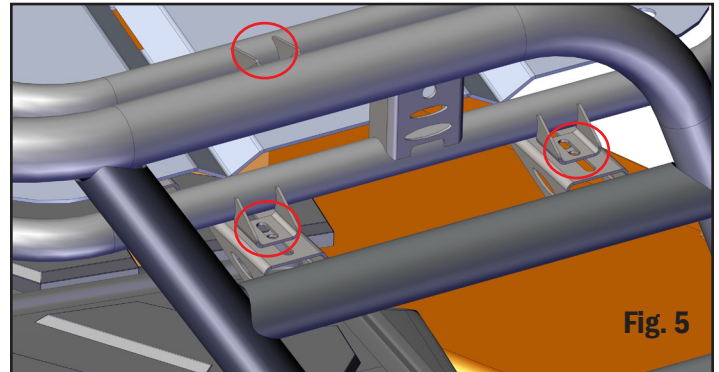


Fig. 5

The following are general instructions for installation of the Polaris RZR®900 Expedition Rack™ (Jim Todd Edition) (RB05040) "Tailgate". It is the up to the installer that each rack be securely mounted.

- Install latch plate using



-(2) 1/4" Button Head Bolts



-(2) 1/4" Flat Washers



-(2) 1/4" Nylock Nuts

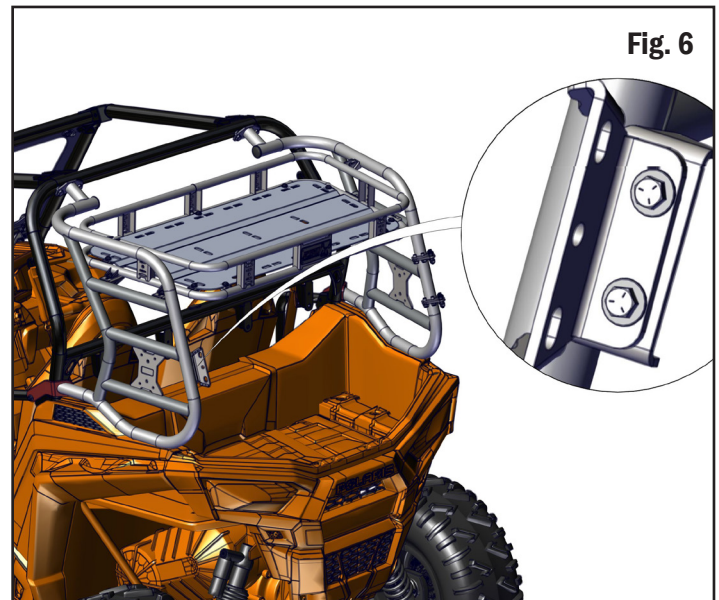


Fig. 6

See Fig. 6



-- CAUTION Loads must be equally distributed

- Operator must use common sense when loading rack so as not to affect the vehicles safe operation

- It Is The operators responsibility to follow all manufactures recommendations regarding safe operation of any vehicle

-Install (RB05084) "Tailgate" hinge brackets using



(RB05084) Hinge Bracket



-(2) 3/8" Shoulder Bolts



-(4) 3/8" Brass Washers



-(2) 5/16" Nylock Nuts

-Install Polaris RZR®900 Expedition Rack™  
(Jim Todd Edition) (RB05040) "Tailgate" hinges using



-(8) 5/16" X 3/4" Socket Cap



-(8) 5/16" Flat Washers



-(8) 5/16" Nylock Nuts

-Do not fully tighten, keep the "Tailgate" hinges slightly loose. This will give a little play with installation on unit



- Loading Heavy Items on the Rack will change the vehicles "Center of Gravity" (C.G.) that could increase the potential for roll over which could result in serious injury or death

- Maximum Combined Capacity of Cargo Rack is 120 lbs. - 160 lbs.  
(Limited by Vehicle Capacity)

- Load Capacity of Top Rack is 60 lbs. (Limited by Vehicle Capacity)

- Load Capacity of Side Rack is 30 lbs. per side  
(Do Not Recommend Mount Spare Tires on Side Racks)

- For Racks with a Tailgate the Load Capacity of the tailgate is 40 lbs. (Limited by Vehicle Capacity)

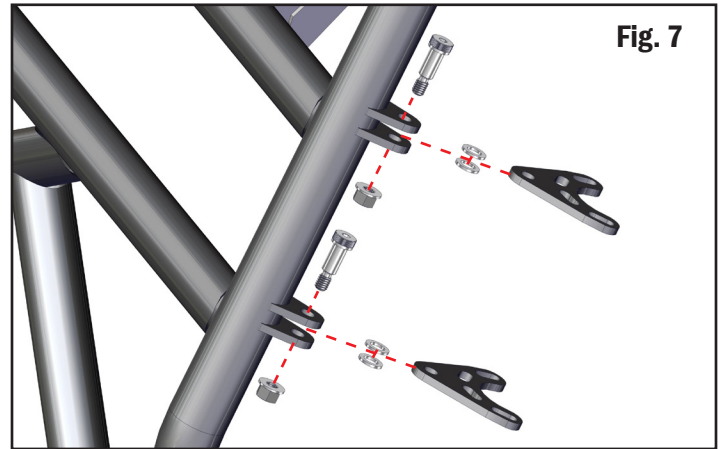


Fig. 7

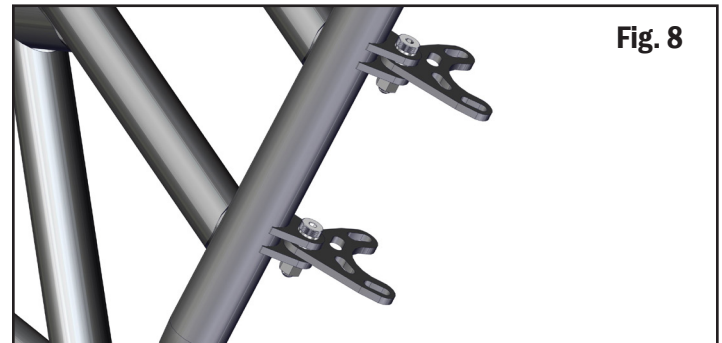


Fig. 8

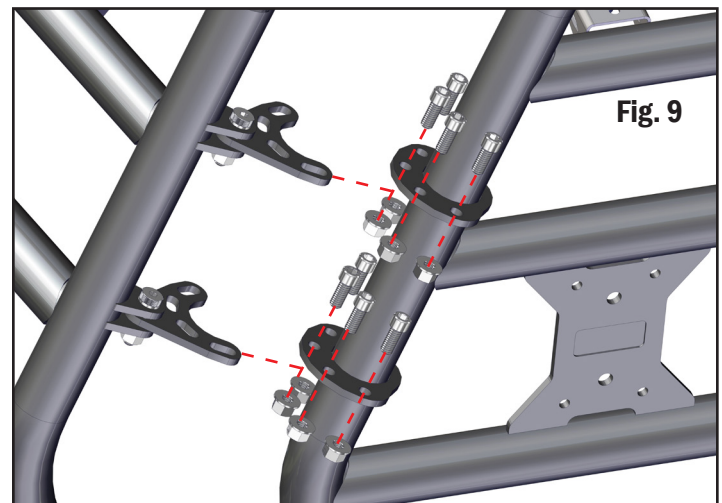


Fig. 9

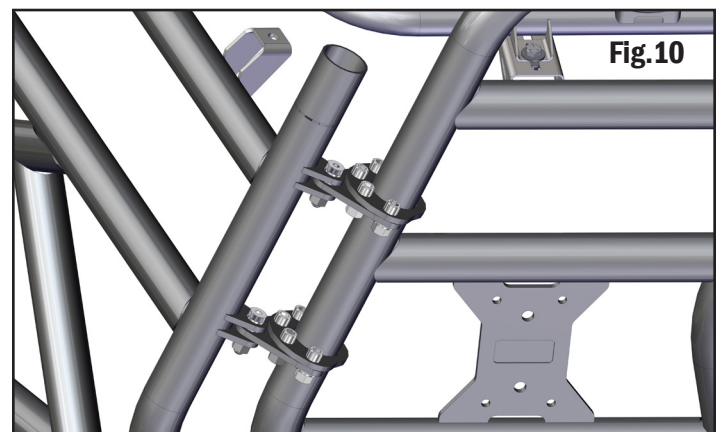
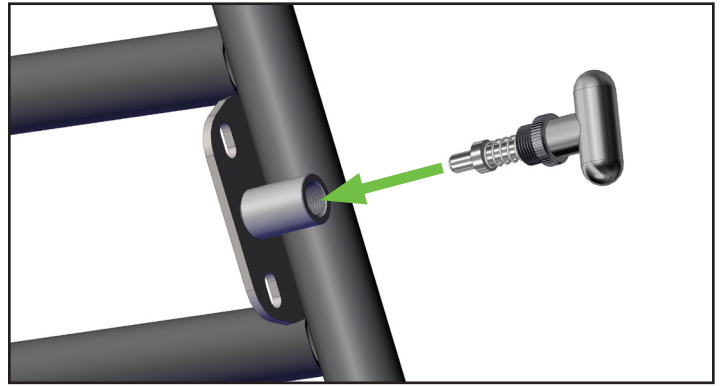


Fig. 10

-Install Threaded T-Handle into latch barrel on 'Tailgate'



-Install Gas Strut on to the "Tailgate" mounting bracket  
Fig. 13

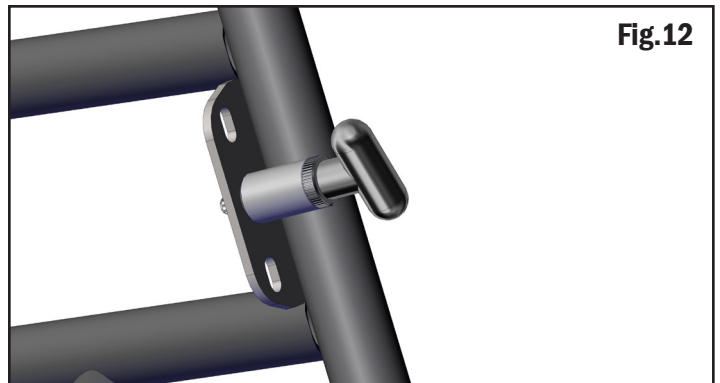


Fig.12

-Close and latch the "Tailgate"

-Tighten all the hinge bolts

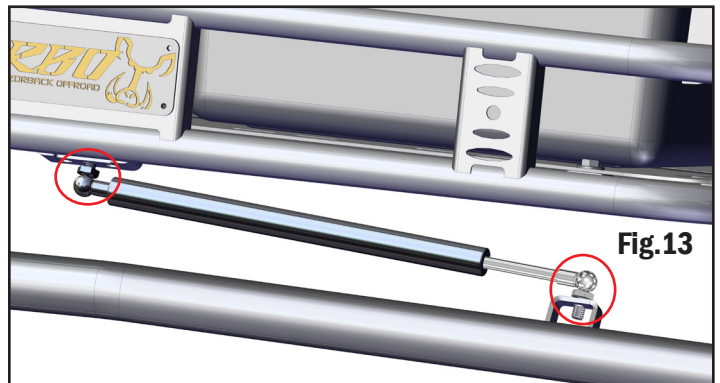
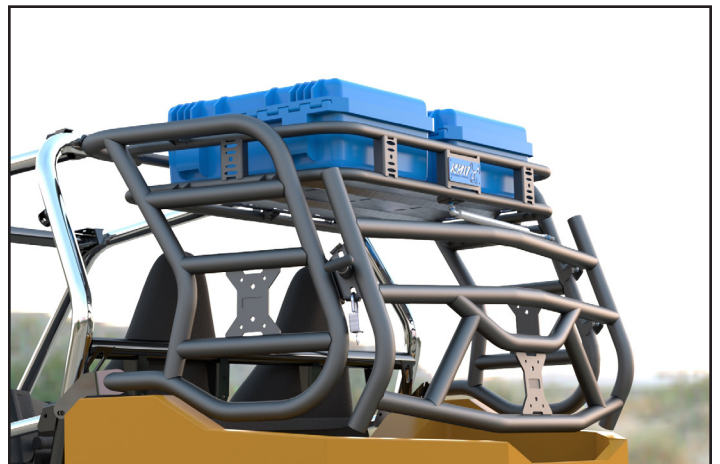


Fig.13

## ! WARNING !

- The Polaris RZR®900 Expedition Rack™ (Jim Todd Edition) (RB05040) "Tailgate" has been designed for the user push the "tailgate" shut. Do not slam it shut
- Before Transporting Flammable Liquids Please Read and Understand your Vehicles Owners Manual
- Operator must follow your vehicle manufactures warnings regarding fuel transportation
- Only Use Containers Approved For Off-road Use
- Make Sure Containers are Secured to Avoid Spills and Leaks
- Failure to Follow Proper Instructions could lead to Burn Injury and other potential Fire Hazards
- Be Sure To Comply with All Laws and Warnings Regarding the Safe Handling Of Flammable Liquids
- When In Doubt - Consult Your Local Fire Department
- Don't Take Risk "Center of Gravity" C.G. that could increase the potential for Roll Over
- It Is The Operators Responsibility to follow all manufactures recommendations regarding safe operation of the vehicle



## “It Fits™” Mounting System

With the “It Fits™” mounting system you can quickly and easily install any RBO accessory with the “It Fits™” icon. These racks come with everything you need to install it on your machine without drilling or modifying your machine.



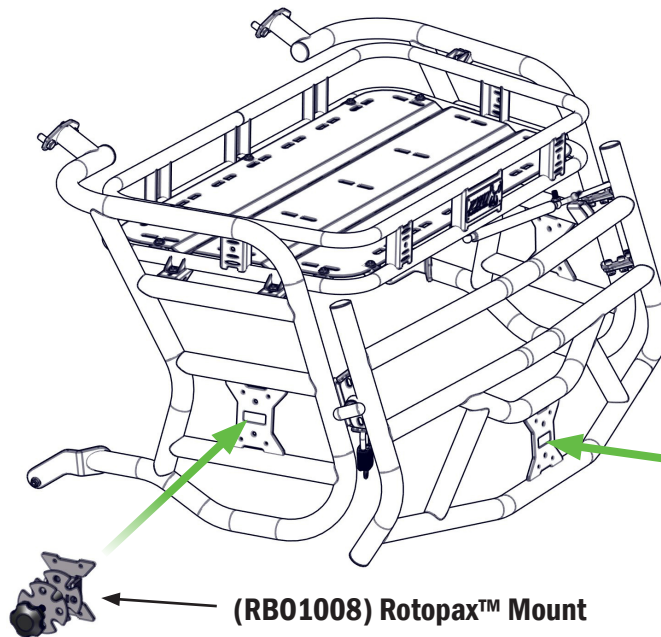
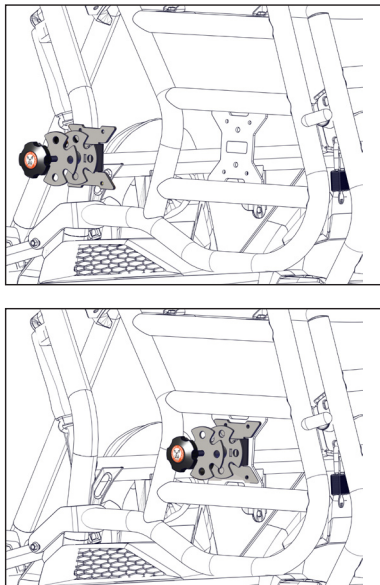
The Polaris RZR® 900 SHERPA Rack™ (RB05039) has two “It Fits™” mounting locations, one on each of the side assemblies.

The Polaris RZR®900 Expedition Rack™ (Jim Todd Edition) (RB05040) has three “It Fits™” mounting locations, one on each of the side assemblies, and one on the gate, used for spare tire.

### **! WARNING !**

-That by adding mounts to the side of the vehicle you make it wider. RBO Highly recommends that you only use (RB01018) Spare Tire Mount on the (RB05040) Polaris RZR®900 Expedition Rack™ (Jim Todd Edition) tailgate location.

-Be Sure To Comply with All Laws and Warnings Regarding the Safe Handling Of Flammable Liquids.



(RB01018)  
Spare Tire Mount

(RB01008) Rotopax™ Mount

**Warning:** That by adding mounts to the side of the vehicle you make it wider. RBO Highly recommends that you only use (RB01018) Spare Tire Mount on the (RB05040) Polaris RZR®900 Expedition Rack™ (Jim Todd Edition) tailgate location. Be Sure To Comply with All Laws and Warnings Regarding the Safe Handling Of Flammable Liquids.



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