

Xtreme Products Inc.

2009-14 Polaris Ranger with Independent Rear Suspension Kit No. XTPIRS2 3 INCH

Read these instructions carefully. Xtreme recommends, a professional mechanic perform the installation. Care should be taken to follow all standard safety procedures.

A thorough inspection of the suspension should be made prior to performing the installation. Any worn, bent or broken parts should be replaced. After installation another inspection should be made, checking for loose components or missing hardware. Inspect, again after eight hours of operation.

To begin, check to make sure all components and necessary tools are on hand.

Components:

Two brackets per side in the front, including hardware and spacers

Two brackets per side in the rear, including hardware and spacers.

Relocating brackets for the sway bar, including hardware.

Disassembly / Installation Procedure

1.) Begin by loosening the lug nuts on both front tires. Raise the unit, using a suitable lifting device or procedure, until the front tires are off the ground. If using a floor jack with stands, chock the rear wheels to prevent the unit from rolling. If using jack stands, make sure the stands are placed under the frame and not the body. Make sure the unit is stable and secure.

2.) Remove the tires / wheels.

***NOTE:** Now is a good time to check the threads on the lug studs. Check for rust, pulled threads or other deterioration that could cause a stud/thread failure.*

3.) Remove the upper shock attachment bolt and loosen the bottom bolt to allow the shock to be pulled outward. Insert one of the supplied brackets inside the factory shock location, at the rear of the channel. Install the supplied bolts along with the spacers inside the channel. Place the other bracket onto the bolts on the outside of the channel. Install the nuts, but do not tighten at this time. Align the shock with the mounting location in the new bracket and install bolt and nut. All hardware can be tightened at this time. Refer to the Diagrams to ensure proper location of all brackets.

4.) Proceed to the other side and repeat the steps listed.

Front diagrams View is of Passenger side



REAR Disassembly / Reassembly

5) Lift the rear of the bike and place jack stands to support the weight and stabilize the bike. Remove the wheels.

6) Remove the upper shock attachment bolt and loosen the bottom bolt to allow the shock to be pulled outward. Install the relocation brackets as shown in the picture and be sure to install the spacer in the factory cross-member. There is a factory hole in the frame rail to install the 3/8x1.0 bolt into. Install one bracket on each side of the cross-member. Repeat this on the opposite side.



7) Reinstall the shocks and be sure to install the washer included as shown one on each side of the shock

8) Remove rear sway bar completely and flip it over, turning it upside down and slide back into the frame. Using one of the supplied plates on each side, re-attach the sway bar to the frame with the supplied washers between the frame and the sway bar mount. These washers are used as just a spacer between the frame and the sway bar mount. This spaces the sway bar rearward 1/4". Flipping the sway bar changes the angle where the sway bar links attach.

NOTE: We recommend if the primary use of your Ranger is for mud ridding, rock climbing or slow trail riding, that you completely remove both the front and the rear sway bar. Removing the sway bar will allow the machine to perform better in these situations.

IF you do a lot of fast riding or hard cornering, follow the instructions and re-install the sway bar.

Diagram showing how sway bar should look after being reattached



Limited Lifetime Warranty / Warnings

Your Xtreme Products Inc product is covered by the Limited Warranty explained below that gives you specific legal rights. This limited warranty is the only warranty Xtreme makes in connection with your product purchase. Xtreme Products Inc neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or limited warranty.

What is covered? Subject to the terms below, Xtreme Products will repair or replace its products found defective in materials or workmanship for so long as the original purchaser owns the ATV/UTV on which the product was originally installed. Your warrantor is Xtreme Products Inc.

What is not covered? Your Xtreme Products Limited Warranty does not cover products, parts or ATVs/UTVs that Xtreme Products determines to have been damaged by or subjected to:

- Alteration, modification or failure to maintain.
- Normal wear and tear (bushings, tie-rod ends, axles, bearings, etc.). Scratches or defects in product finishes (powder coating, plating, etc.),
- Damage to or resulting from racing, competitions, contests, jumping or activity causing the suspension to limit-out.
- Accidents, impact by rocks, trees, obstacles or other aspects of the environment.
- Theft, vandalism or other intentional damage.

Remedy Limited to Repair / Replacement The exclusive remedy provided hereunder shall, upon Xtreme's inspection and at Xtreme's option, be either repair or replacement of product or parts covered under this Limited Warranty. Customers requesting warranty consideration should contact Xtreme Products Inc. by phone (1-888-283-0977) to obtain a Returned Goods Authorization number. All removal, shipping and installation costs are customer's responsibility.

If a replacement part is needed before the Xtreme Products part in question can be returned, you must first purchase the replacement part. Then, if the part in question is deemed warrantable, you will be credited / refunded.

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- This Limited Warranty gives you specific rights. You may also have other rights that vary from state-to-state. For example, while all implied warranties are disclaimed herein, any implied warranty required by law is limited to the terms of our Limited Lifetime Warranty as described above. Some states do not allow limitations of how long an implied warranty lasts and / or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.

Important Product Use and Safety Information / Warnings

As a general rule, the taller a unit is, the easier it will roll over. Offset, as much as possible, what is lost in rollover resistance by increasing tire track width: In other words, go "wide" as you go "tall". Always use as wide a tire and wheel combination as feasible to enhance vehicle stability. We strongly recommend, because of rollover possibility, you should avoid situations where a side rollover may occur.

Generally, braking performance and capabilities are decreased when significantly larger / heavier tires and wheels are used (take this into consideration while driving).

Also, using tires that are taller or shorter than factory height will cause an erroneous speedometer reading.

Do not add, alter or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the Xtreme Products product purchased. Mixing or adding different component brands are not recommended.