TRAIL FORTRESS

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Rough Country 92091 Installation Instructions

Frame Stiffener for Honda Pioneer 1000-5 (2016-2025)

Part number: 92091

trailfortress.com/frame-stiffener-honda-pioneer-1000-5-rough-country-92091

Scan for fitment, price and install help



HONDA 2018-23 PIONEER 1000 FRAME STIFFENER

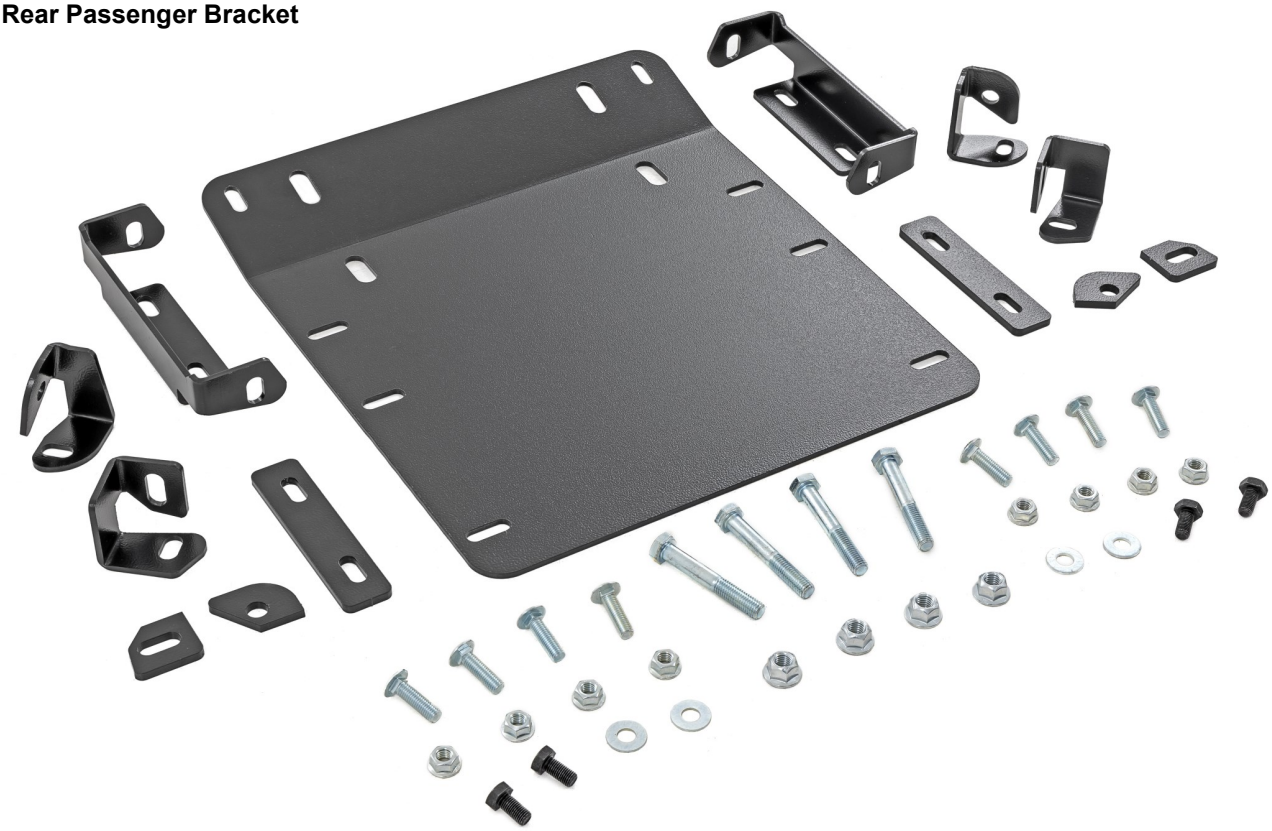
Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

KIT CONTENTS:
Main Plate
2 - Middle Shim
2 - Front Shim
2 - Rear Shim
2 - Middle Bracket
Front Driver Bracket
Front Passenger Bracket
Rear Driver Bracket
Rear Passenger Bracket

Hardware Included:
8 - 10mm x 35mm Carriage Bolt
4 - 12mm x 80mm Hex Head Bolt
4 - 10mm x 20mm Hex Head Bolt
4 - 12mm Flanged Lock Nut
8 - 10mm Flange Nut
4 - 10mm Flat Washer

TOOLS REQUIRED:
16mm Wrench
16mm Socket
17mm Wrench
17mm Socket
19mm Wrench
19mm Socket



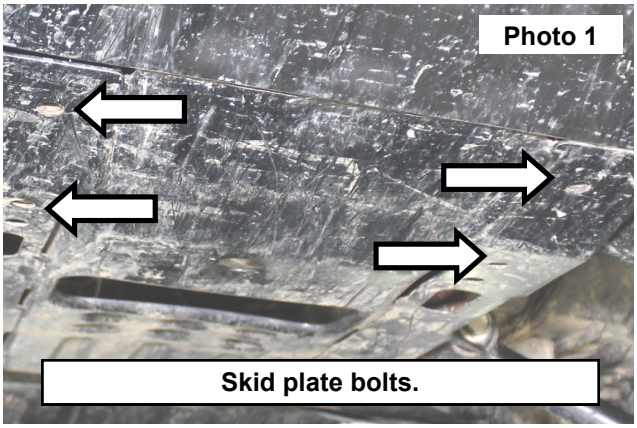
Torque Specs:

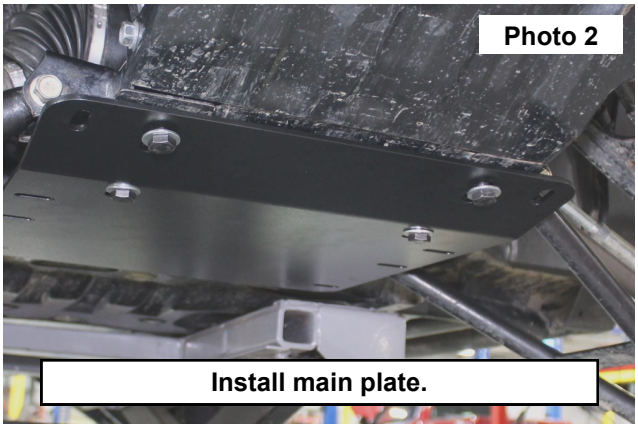
Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

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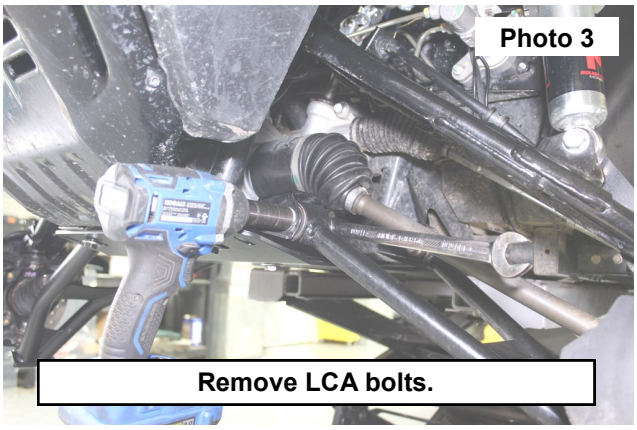
INSTALLATION INSTRUCTONS

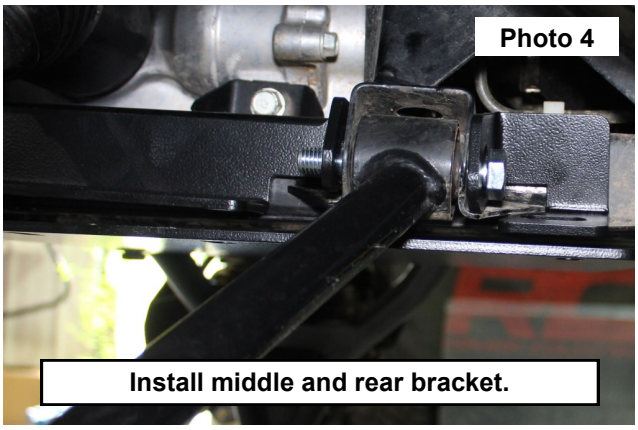
1. Lift the front of the vehicle in a manner that allows the front suspension to fully droop. A UTV floor lift is recommended.
2. Remove the four factory 10mm bolts holding the skid plate using a 16mm wrench. **See Photo 1.**
3. Place the main plate over the bolt holes and install (4) supplied 10mm x 20mm bolts and (4) 10mm flat washers with a 16mm wrench. Do not fully tighten. **See Photo 2.**



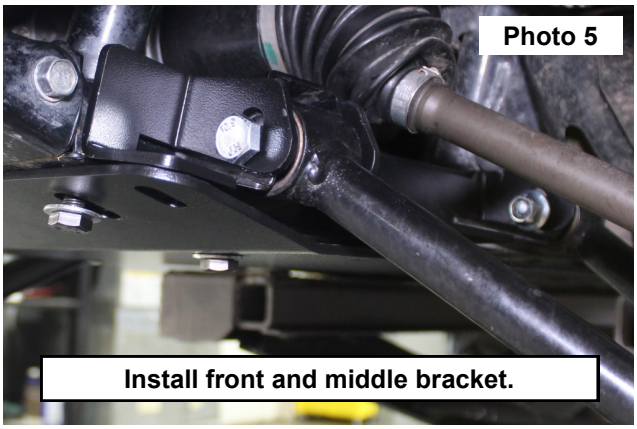


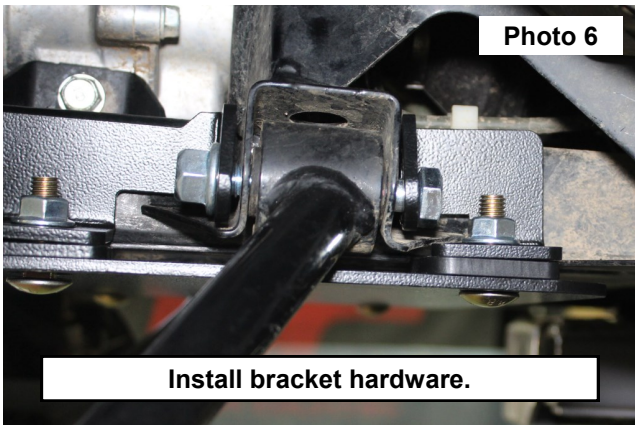
4. Remove factory lower control arm bolts using a 17mm wrench and socket. **See Photo 3.**
5. Place the supplied front, middle, and rear brackets around the two lower control arm mounts and hold it in place with the supplied 12mm bolts and lock nuts. **See Photo 4 and Photo 5.**





6. Place the front, middle, and rear shims underneath the brackets. Secure shims using the supplied10mm x 35mm carriage bolts and 10mm lock nuts. Tighten with a 16mm wrench. **See Photo 6.**
7. Tighten the lower control arm bolts using a 19mm wrench and socket.
8. Tighten the main plate using a 16mm wrench.
9. Lower vehicle to the ground.





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