

Polaris Ranger 3-Point Hitch System Frame Support Bar

Product Instructions | Part No: 90506



This Kit includes:

Item	Qty	Part Description
1	1	Link, 3-Point
2	2	Hitch Pin, Zinc Plated, Bent—0.625 inch
3	1	Mount, Link
4	1	Bracket, Main
5	8	Flange Bolt, Zinc Plated, M8-1.25 x 20mm LG
6	2	Flange Locknut, Zinc Plated, M8-1.25
7	1	Bracket, Backer
8	2	Clip, Zinc Plated, Hair
9	1	Instruction Guide (not shown)

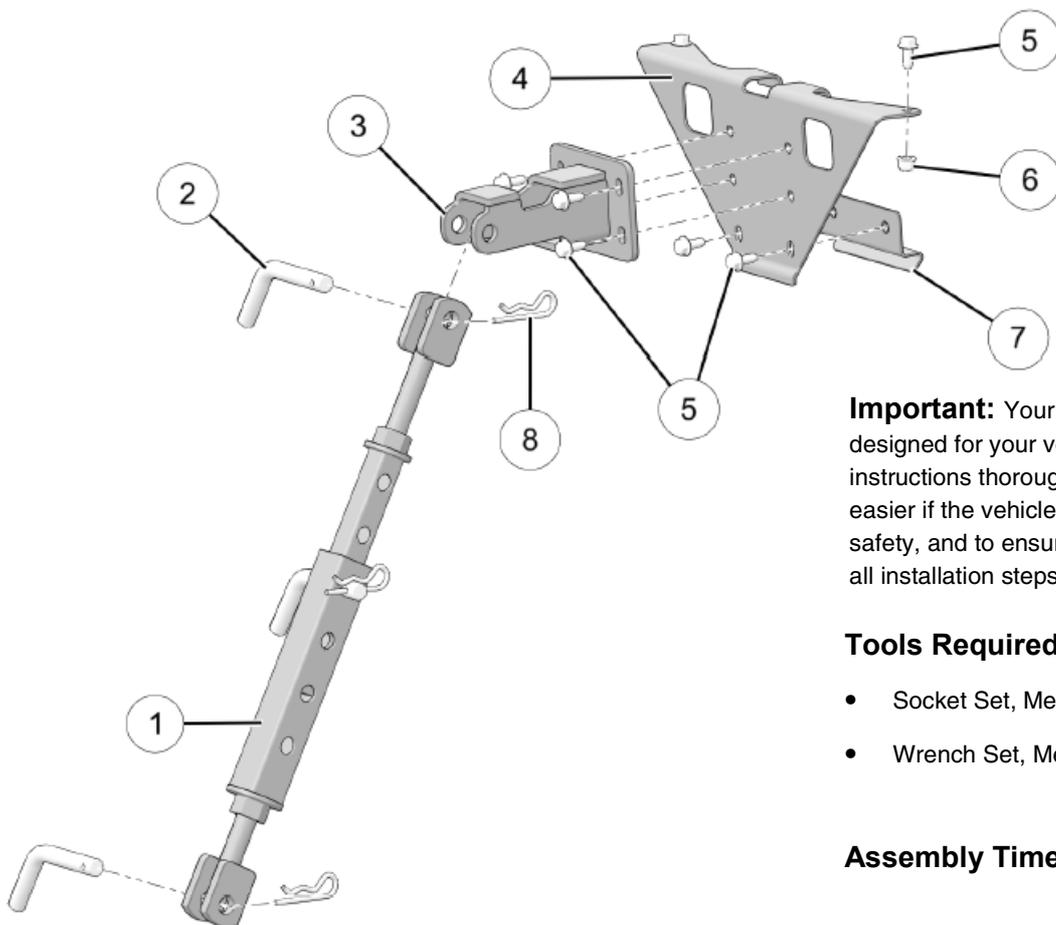
Application: Verify accessory fitment at Kolpin.com.

Before You Begin: Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

Note: *If any hardware is missing, do not return to the store. Call us to help, Toll Free 1-877-956-5746.*

Kit Contents: This kit contains parts for installation of the Frame Support Bar Kit only. Installation of the following additional kits is also required (sold separately):

- 3-Point Lift Hitch System Kit, PN WHS03HD or equivalent
- Accessory Tool Bar Kit, PN ATB60 or equivalent
- Accessory Tool Attachment(s)



Important: Your Frame Support Bar Kit 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 in the sequence shown.

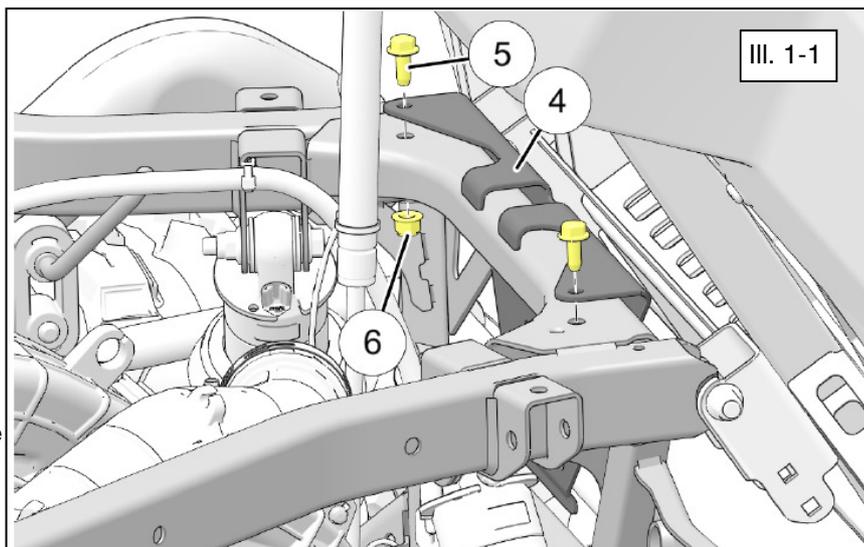
Tools Required:

- Socket Set, Metric
- Wrench Set, Metric

Assembly Time: Approximately 25 minutes

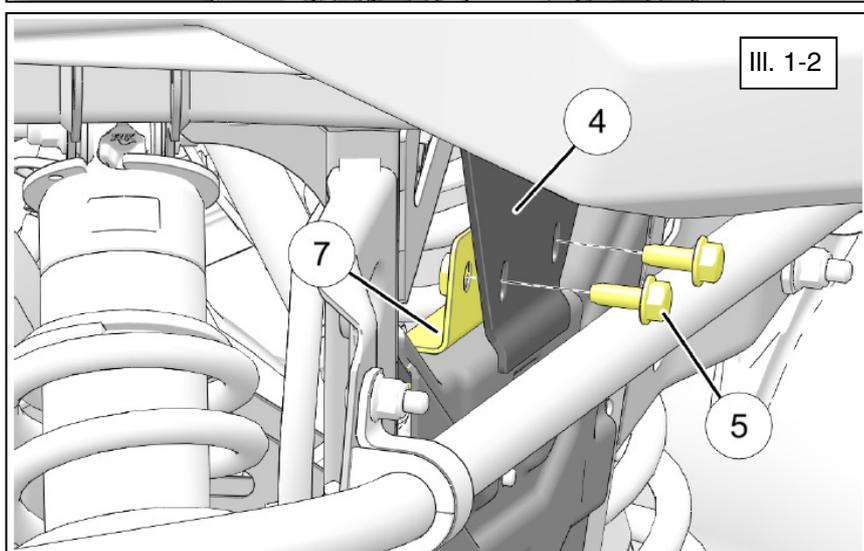
Bracket Installation Instructions:

1. Shift vehicle transmission into "PARK". Turn ignition switch to "OFF" position and remove key.
2. Raise vehicle bed.
3. Hang main bracket (item #4) on vehicle frame, then loosely install two each bolts (item #5) and locknuts (item #6). (See illustration 1-1). **Note, rear lighting wire harness may need to be unplugged to perform step. Re-plug connector once main plate is installed.**
4. Position backer bracket (item #7) on forward side of vehicle support structure, then secure to main bracket (item #4) using two bolts (item #5). (See illustration 1-2). Tighten all M8 hardware to specification.

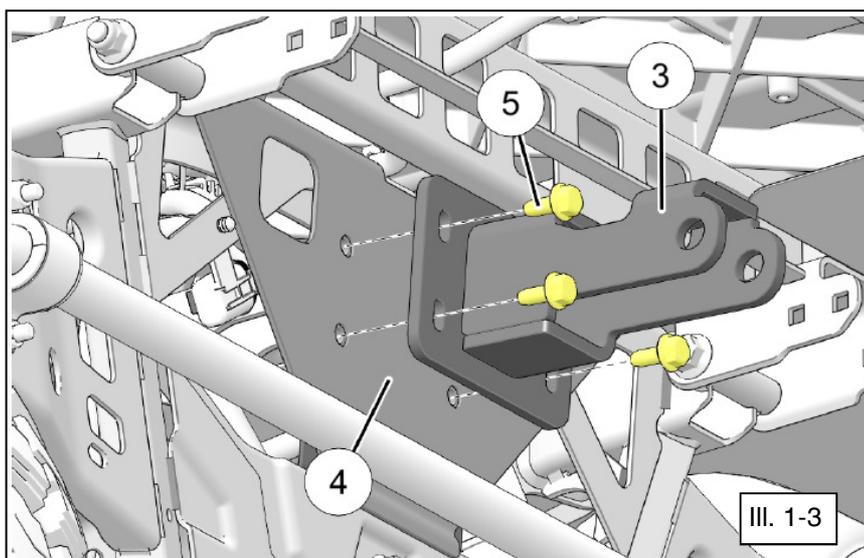


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8MM FASTENER TORQUE: 17 ft. lbs. (23 Nm)

WARNING: Do not over tighten hardware or damage can occur.

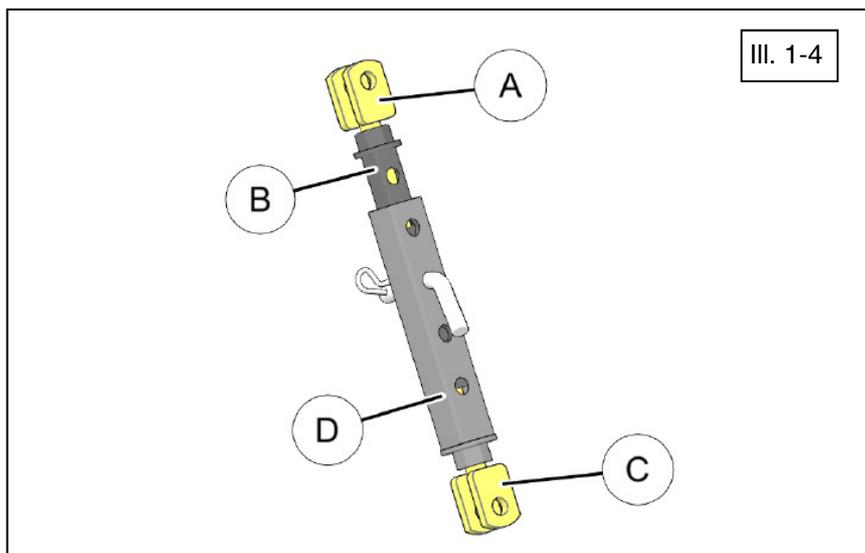


6. Install link mount (item 3) to main bracket (item #4) using four bolts (item #5). (See illustration 1-3). Tighten M8 hardware to specification.

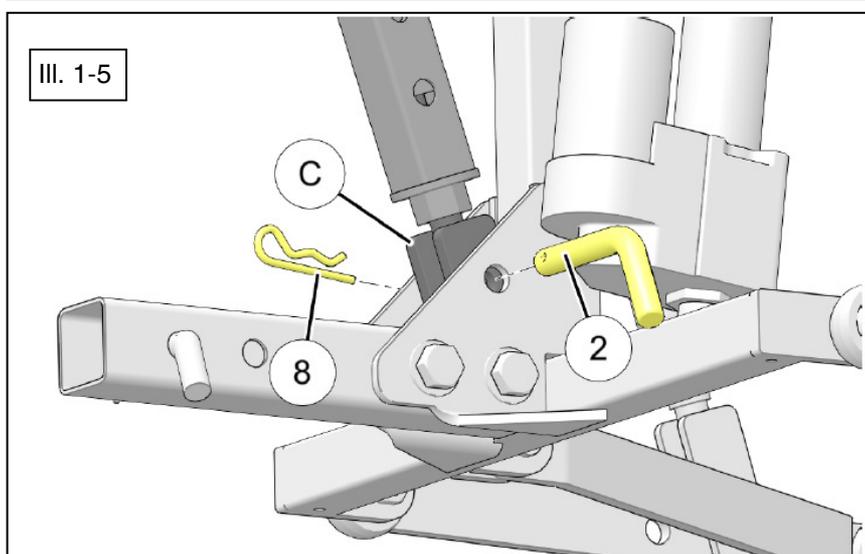


3-Point Link Installation Instructions:

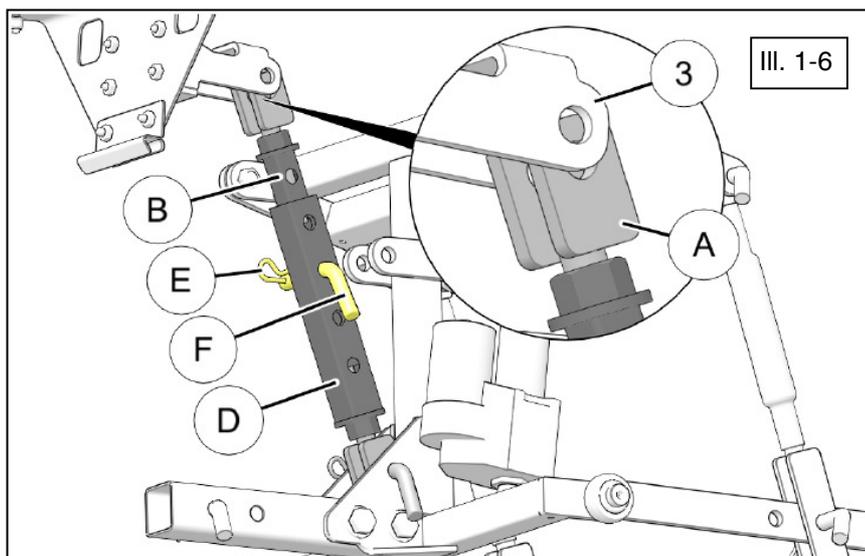
7. Install 3-point lift system to vehicle (sold separately).
8. If accessory attachment (rear blade, landscape rake, disc plow, etc.) is installed to 3-point hitch, and attachment is resting on ground, then turn ignition switch to "ACC" position and lift attachment off ground.
9. Then turn ignition switch to "OFF" position and remove key.
10. If not already accomplished by factory, fully thread upper clevis fitting (A) into internal square tube (B), and lower clevis fitting (C) into external tube (D). (See illustration 1-4).



11. Install lower clevis fitting (C) to 3-point hitch gusset using hitch pin (item #2) and hairpin clip (item #8). (See illustration 1-5). **Note, vehicle not shown for clarity.**
12. Perform COARSE length adjustment (if needed) by removing hairpin clip (E) and hitch pin (F), extending internal square tube (B) out of external square tube (D), then reinstalling pin and clip. Pin square tubes together at LONGEST possible length without extending beyond link mount (item #3). (See illustration 1-6).



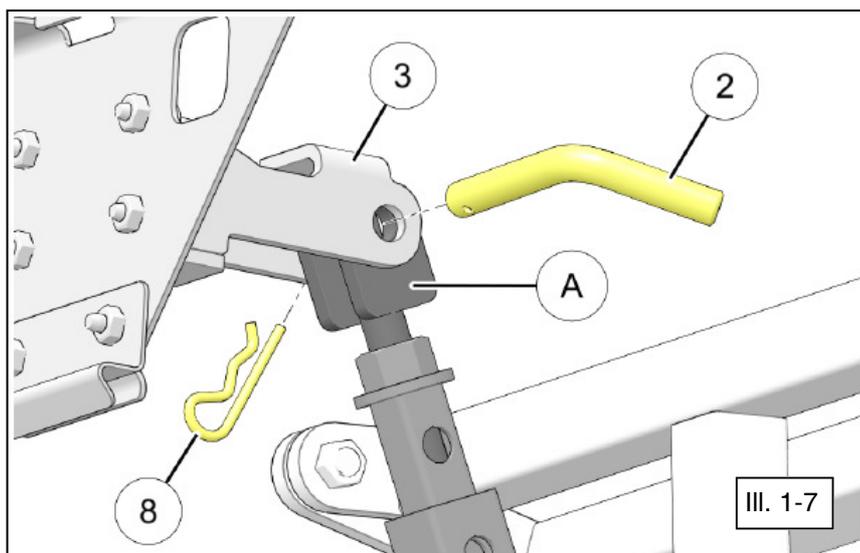
13. Perform FINE length adjustment by holding upper clevis fitting (A) stationary while rotating square tube assembly (B) and (D). Rotate until hole in upper clevis fitting is aligned with hole in link mount (item #3). (See illustration 1-6). **Note, link assembly operates similar to a turnbuckle.**



3-Point Link Installation Instructions (continued):

14. Install upper clevis fitting (A) to link mount (item #3) using hitch pin (item #2) and hairpin clip (item #8). (See illustration 1-7).
15. Grasp and attempt to lift lower draft arms (G) on 3-point lift system. If excessive vertical play exists at vehicle receiver (H) then SHORTEN link length by rotating square tube assembly. (See illustration 1-8).

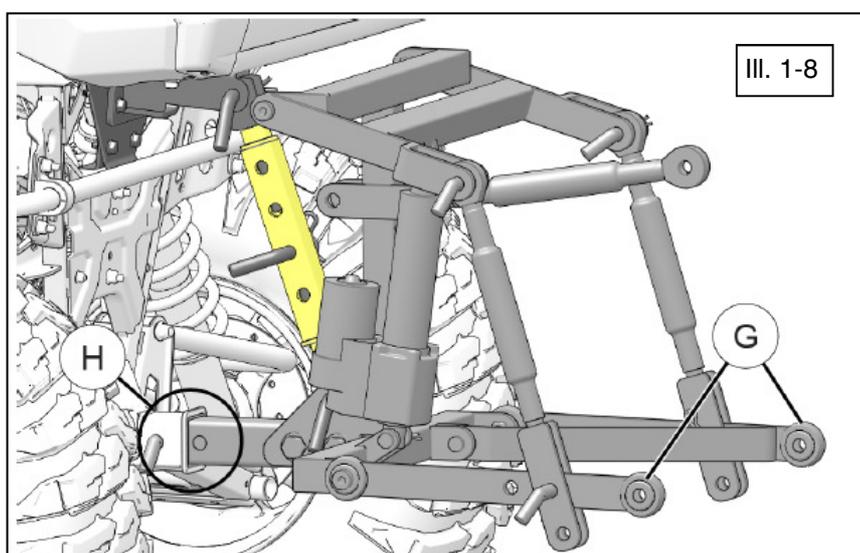
IMPORTANT: Do NOT continue to shorten link after play is removed to prevent damage to vehicle or receiver.



TIP: Have one person lift lower draft arms while second person shortens link.

Use and Care Information:

- Do not exceed the manufacturers recommended towing capacity.
- Check the accessory mounts frequently and retighten hardware if necessary.
- Replace this accessory with a new one if it is damaged.
- Kolpin hitches are not intended for on-road use.



For additional assistance, please contact Kolpin customer service department at (877) 956-5746 or (763) 478-5800 or email customerservice@kolpin.com

One Year Limited Warranty

For the period of one (1) year from the purchase date, Kolpin will replace for the original purchaser, free of charge, any part or parts found upon examination by Kolpin to be defective in material, workmanship, or both.

All transportation costs incurred submitting product to Kolpin for warranty consideration must be borne by the purchaser. If Kolpin determines that the product must be returned to the factory for credit, please call 1-877-956-5746 for a Return Merchandise Authorization (RMA) number and shipping instructions.

This warranty does not apply to parts that have been damaged by accident, alteration, abuse, improper maintenance, normal wear, or other causes beyond the manufacturer's control. In order to protect you and your ATV, certain parts of the accessory system and/or hardware are designed to fail when the equipment is over-stressed. Parts that are lost due to loosening and improper maintenance are not covered under warranty. This warranty does not cover removal or reinstallation labor fees of the plow system and related components.

Peripheral products such as engines, electric motors, and actuators may carry an original manufacturer's warranty. Most hardware is general in nature and is easily obtained locally. Be sure to replace with minimum metric class 8.8 specification.