

Can-Am Outlander 1000/850 Radiator Relocation Kit RK-FR-C10L-2 RAD KIT (76-16796)



HIGHLIFTER

SEIZMIK™



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800-699-0947 | 8:00am - 5:00pm CST



7455 Atkinson Drive, Shreveport, LA 71129



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Parts Available For These Popular Brands and Others

POLARIS

can-am



HONDA

Kawasaki

 **YAMAHA**

READ BEFORE INSTALLATION:

This product is designed for use on ATVs and/or RUVs to increase ground clearance and fender clearance. Purchasers should be aware that use of this product may increase the frequency of required maintenance, part wear, and will raise the center of gravity on your ATV and/or RUV, increasing risk of roll-over, injury and death on all types of terrain. It is your responsibility to always inform other operators and passengers of this vehicle about the added risks.

High Lifter Products, products are designed to best fit users ATV/RUV under stock conditions. Adding, modifying, or fabricating any OEM or aftermarket parts will void warranty. High Lifter Products, products could interfere with other aftermarket accessories. If the user has aftermarket products on machine, contact High Lifter Products to verify that they will work together. Adding aftermarket suspension components and/or more aggressive tires can cause breakage of other OEM driveline components such as differentials, axles or drive shafts.

We recommend that wider tires and/or wheel spacers be used to achieve a wider stance and to improve stability of the ATV and/or RUV. Riders should be advised that the handling characteristics of a taller ATV and/or RUV are different and require extra care when riding, particularly on side hills or off-camber situations. If you further raise the center of gravity by adding taller tires, heavy loads to racks or seats, or by any other means, the ATV and/or RUV must be operated with even more care, at slower speeds and on relatively flat ground. All turns should be done at a slow speed, even on level ground.

Operation of an ATV and/or RUV with or without modified suspension components, while or shortly after consuming alcohol or drugs, subjects the rider to the risk of serious bodily harm or possible death. This risk is compounded if the rider does not wear an approved helmet and other safety gear. High Lifter urges that all approved safety gear be worn when riding an ATV and/or RUV as a driver or passenger.

By purchasing and installing High Lifter Products, products, user agrees that should damages occur, High Lifter Products will not be held responsible for loss of time, use, labor fees, replacement parts, or freight charges. High Lifter Products will not be held responsible for any direct, indirect, incidental, special, or consequential damages that result from any product purchased from High Lifter Products. The total liability of seller to user for all damages, losses, and causes of action, shall not exceed the total purchase price paid for the product that gives rise to the claim.

If this product is not what you expected, or is not consistent with your intended use, you should return the product immediately to the seller, before installation, for a refund of the purchase price; less any fees. After installation, product is warranted for 90 days for defects in workmanship and materials. High Lifter Products will warranty only parts provided by High Lifter Products. Any damage or problems with OEM housings, bearings, seals, or other manufacturer's products will not be covered by High Lifter Products. Parts and products will not be warranted if item was not installed properly, misused, or modified.

DEALERS AND OTHER INSTALLERS:

You are responsible for informing your customer and end user of the information contained above and the increased potential hazards of operating an ATV and/or RUV equipped with modified suspension components. If you install any suspension modifying components, it is your responsibility to also install the warning label prominently in view of the driver and in prominent view of the driver and passenger on RUVs and multi-passenger ATVs. They should also be instructed to notify anyone operating the vehicle, as well as any passengers, that said vehicle is modified.

As discussed above, it is critically important that they be instructed in the need for slower speed operation, regardless of terrain, after this kit is installed.

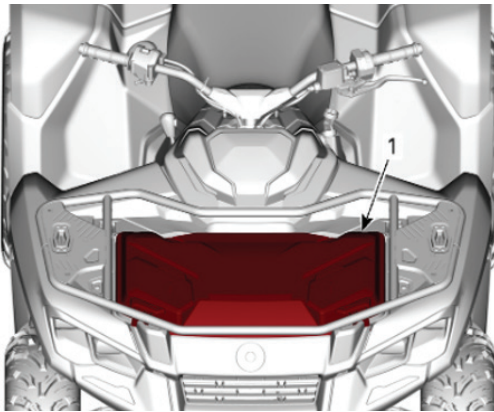
PARTS DIAGRAM

ITEM	PART #	DESCRIPTION	QTY
1	76-16803-B3	TOP COVER	1
2	76-16804-B3	ACCESS COVER	1
3	76-16805-B3	FRONT COVER	1
4	76-16806-B3	RIGHT SIDE COVER	1
5	76-16807-B3	LEFT SIDE COVER	1
6	76-16808-B3	BOTTOM FRAME SUPPORT	1
7	76-16809-B3	RADIATOR SUPPORT BRACKET	1
8	76-16813-B3	BOTTOM RIGHT RADIATOR SUPPORT BRKT	1
9	76-16814-B3	BOTTOM LEFT RADIATOR SUPPORT BRKT	1
10	76-16802	FILLER NECK AND CAP	1
11	54-60250	OVERFLOW HOSE	2 FT.
12	71-12448	UPPER COOLANT HOSE - LEFT	1
13	71-12449	UPPER COOLANT HOSE - RIGHT	1
14	71-12450	LOWER COOLANT HOSE	1
15	54-61341	ZIP TIES	6
16	71-10209	HOSE CLAMP 1- 1/4"	6
17	54-60194	.50 QT RADIATOR OVER FLOW	1
18	54-96418	M6X1X20 BUTTON HEAD BOLT	14
19	54-90040-FL	M6 NYLON FLANGED LOCKNUT	7
20	54-96470	1/2" P-CLAMP	2
21	54-96477	1-1/4" P-CLAMP	2
22	54-96478	M6 X 1 X 20 FLANGE HEAD BOLT	9
23	54-96479	M6 X 1 X 25 FLANGE HEAD BOLT	2
24	54-61031	6MM FLAT WASHER	2
25	71-10912	VINYL TUBING	1 FT.
26	76-16812	RACK ANCHOR ASSEMBLY	4



REMOVING STOCK COMPONENTS

1

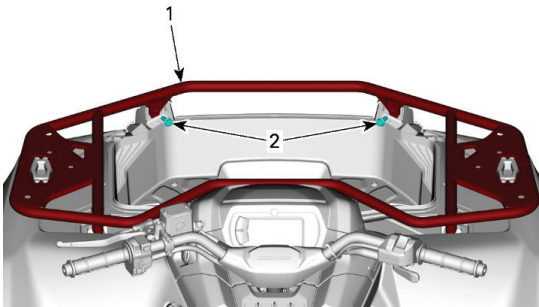


Always disconnect battery before doing any electrical modifications.

Do not place tools on battery. Proceed exactly in this specific order:

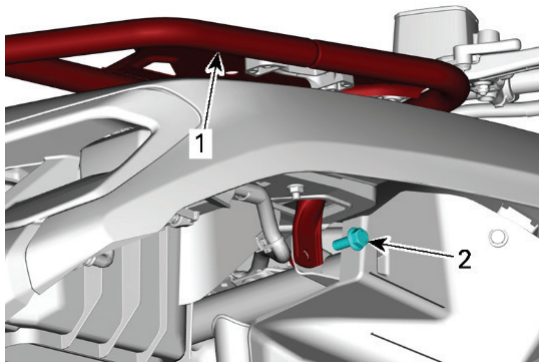
- Disconnect BLACK cable (-) first.
- Disconnect RED cable (+) after.
- Secure battery by covering poles with isolating material.

2

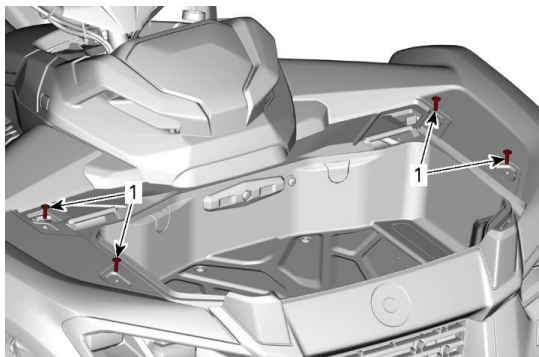


Remove the front rack, keep the screws.

1. Rack
2. M8x20 Screw



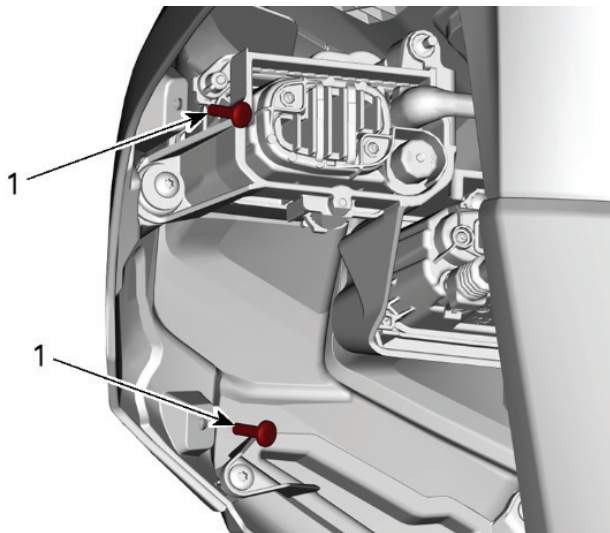
3



Remove and keep the 4 fender screws.

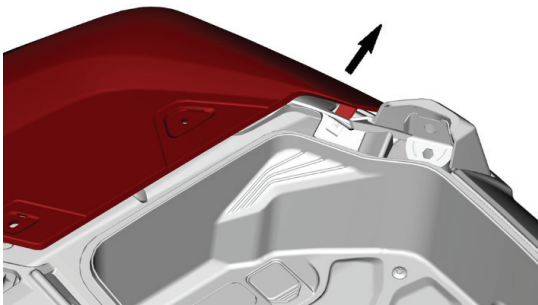
1. M6 X 20 Screws

REMOVING STOCK COMPONENTS

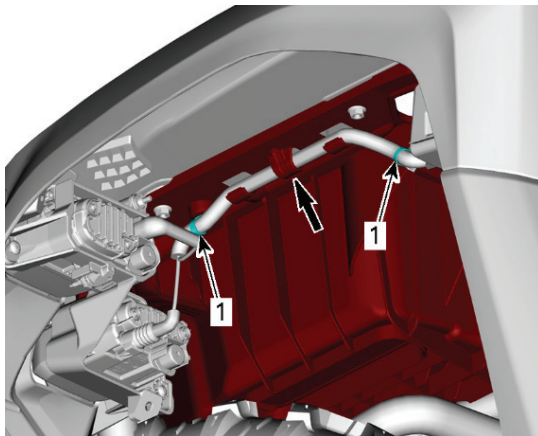


Remove the 2 fender screws on each side.

1. K50 x 16 Torx Screw



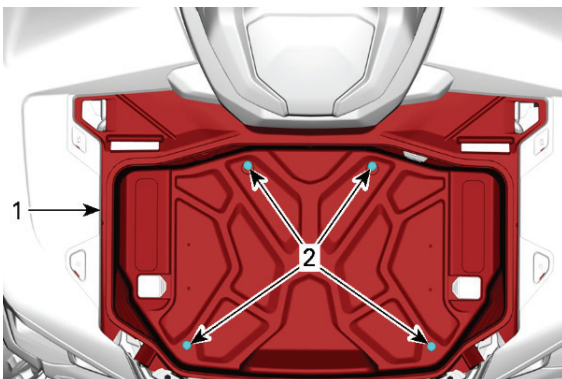
Pull the fenders forward to unclip them.



Unclip the wire from the storage box, pull out the dart mounted locking ties.

1. Dart Mounted Locking Ties

4

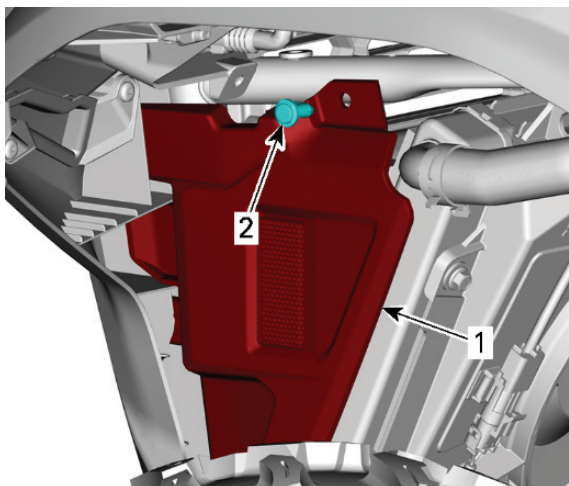


Remove the storage box.

Gently pry the fenders outwards to release the storage box.

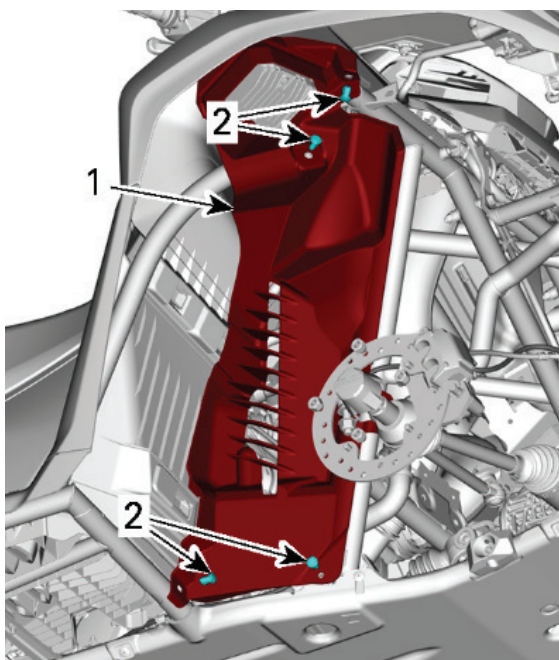
1. Storage Box
2. M6 x 20 Torx Screws

REMOVING STOCK COMPONENTS



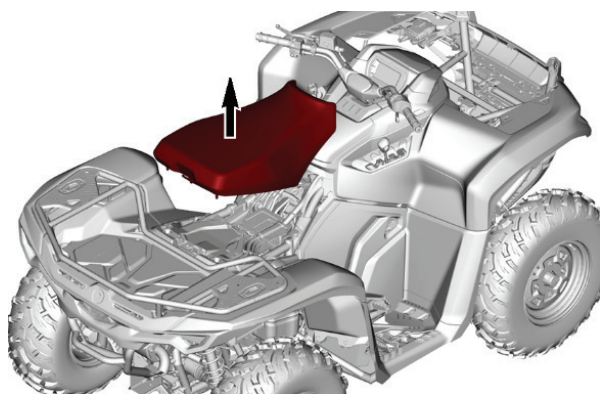
Remove the plastic rivet and the radiator side panels on either side.

- 1. Radiator Side Panel
- 2. Plastic Rivet



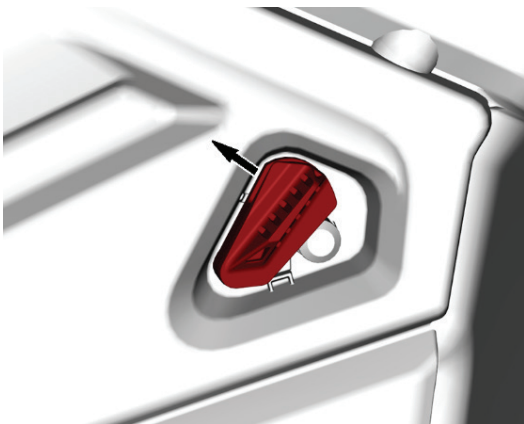
Remove the four (4) plastic rivets and remove the inner fender on both sides

- 1. Inner fender
- 2. Plastic Rivets



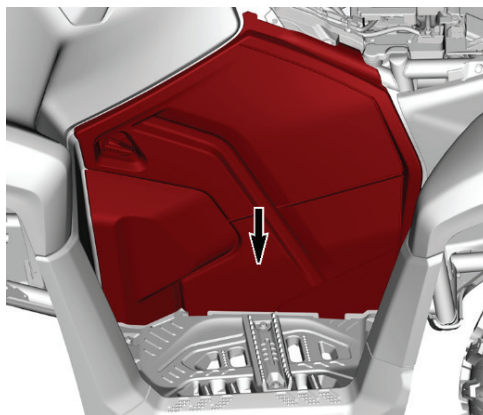
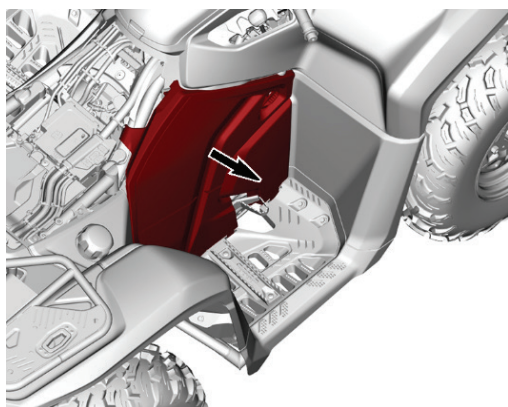
Remove Seat.

5

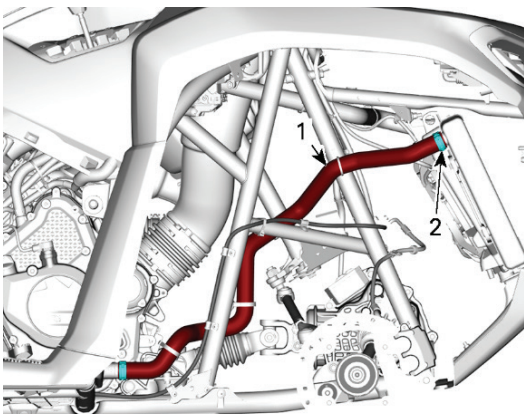


Remove both side panels.

Turn the locking latch to release the side panels.



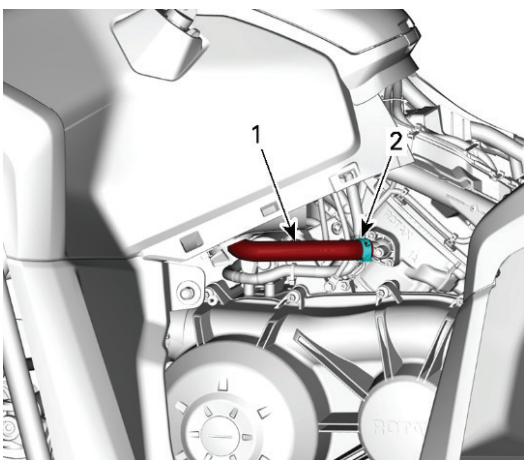
6



**Completely drain the coolant system
(Refer to procedure in OPERATOR'S GUIDE in
MAINTENANCE PROCEDURES section).**

Remove the right radiator hose.

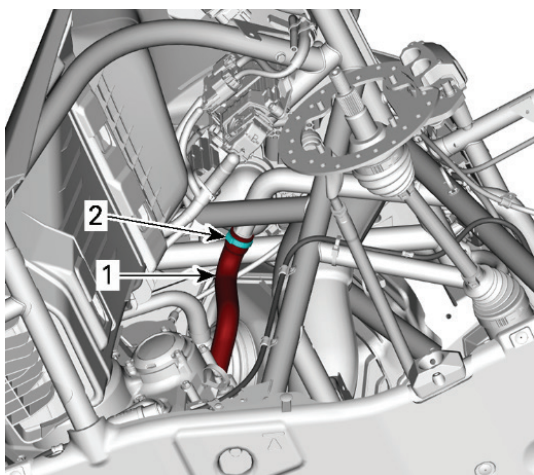
1. Hose
2. Clamp



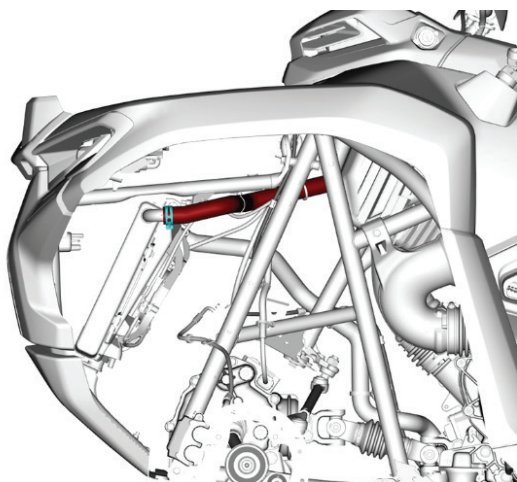
Remove the left radiator hose.

1. Hose
2. Clamp

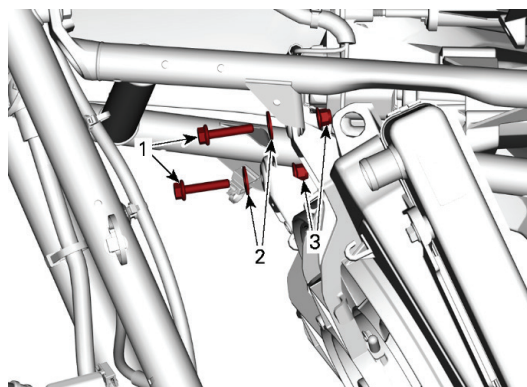
REMOVING STOCK COMPONENTS



1. Radiator Tank Hose
2. Spring Clamp

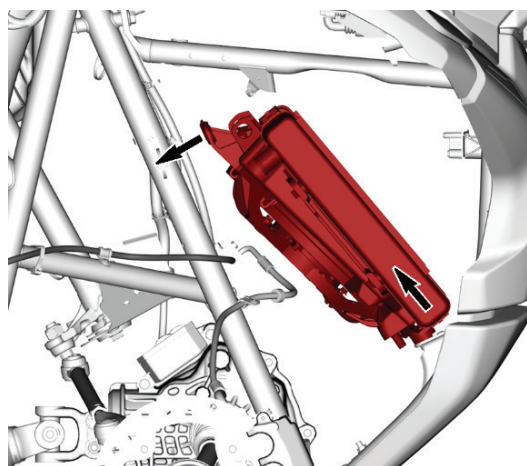


7

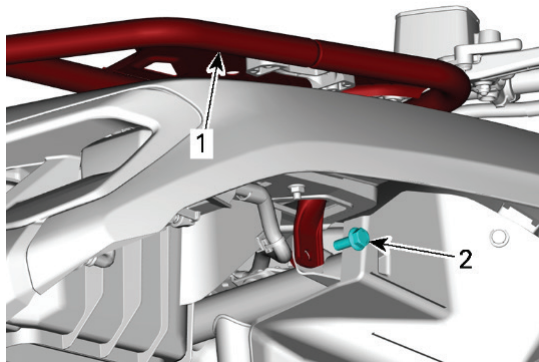
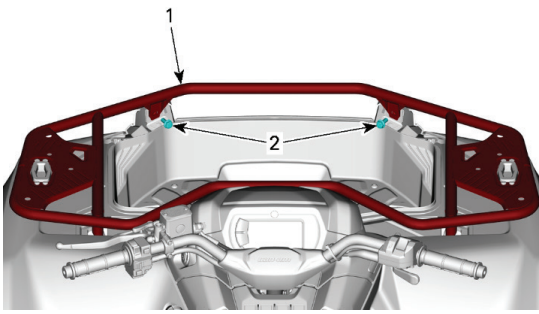


Remove the Radiator.

1. M6 X 30 Flanged Hex. Screw
2. Flat Washer
3. M6 Flanged Hex. Nut



8

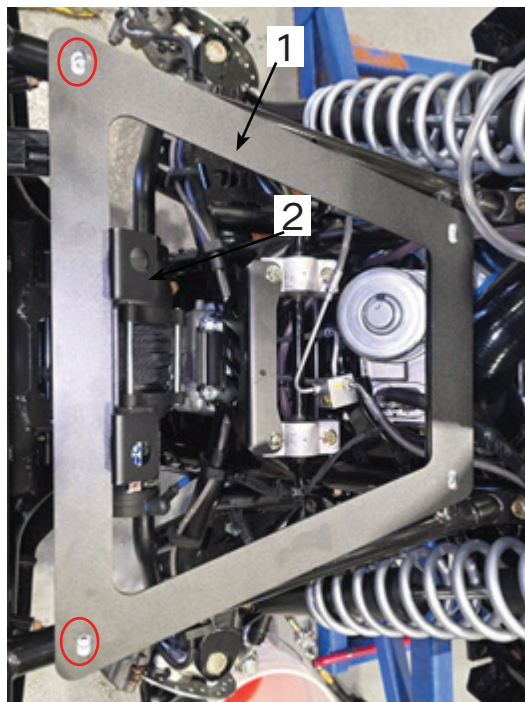


Reinstall the front rack before installing High Lifter® radiator kit.

The coolant line that runs to the coolant reservoir will need to be cut at the reservoir to remove and will not be reused.

INSTALLING NEW COMPONENTS

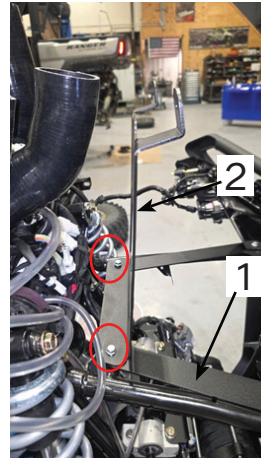
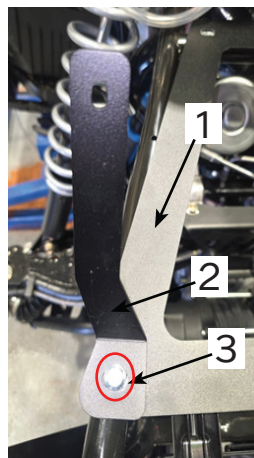
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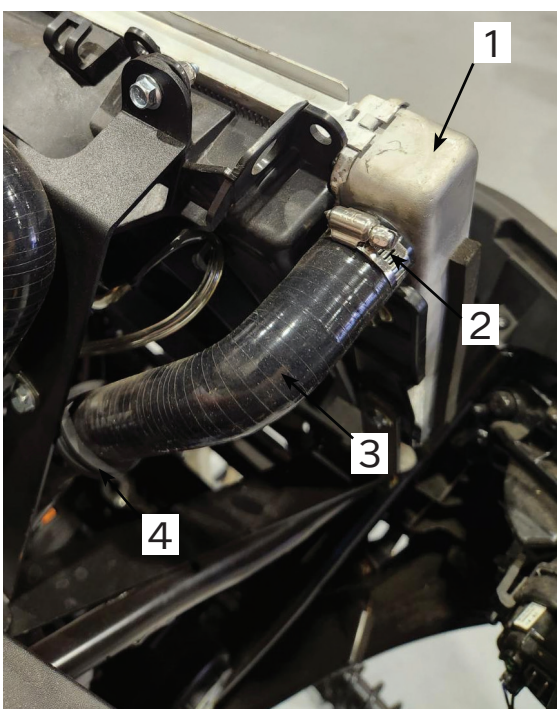
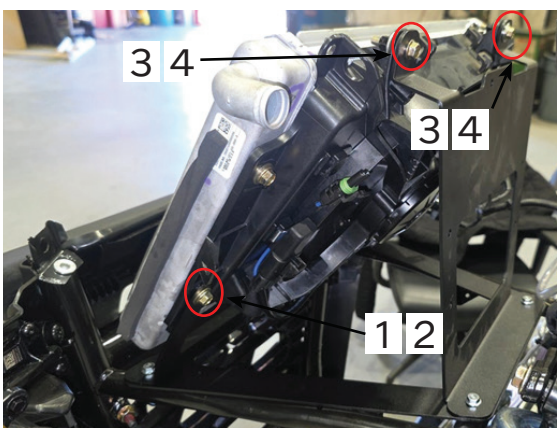
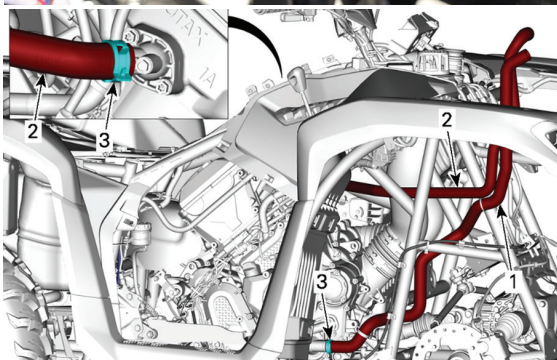
Install the radiator bracket on the vehicle frame.

Set both lower and upper radiator support brackets on top of the base bracket and secure to the frame using the M6x20 Flange Head Bolt hardware provided.

- 1. Lower Bracket
- 2. Upper Bracket
- 3. M6x20mm Flanged Head Bolt



10



Install both radiator hoses inlet and outlet hoses on the vehicle with the clamps provided in the kit.



Slide the bottom pins of the radiator in the radiator bracket and screw in the radiator supports.

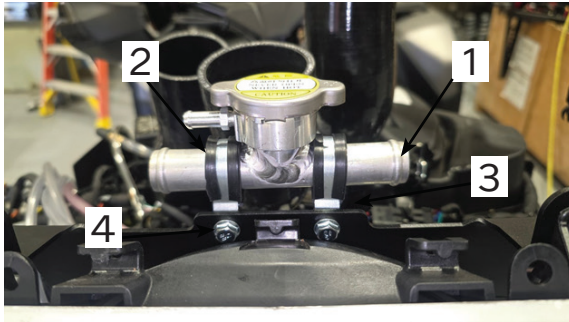
Connect the radiator to the support brackets with the provided hardware.

- 1.M6x20mm Bolt
2. Washer
3. M6c25 Flange Head Bolt
4. M6 Nut

Connect the radiator hose to the radiator using the provided clamps.

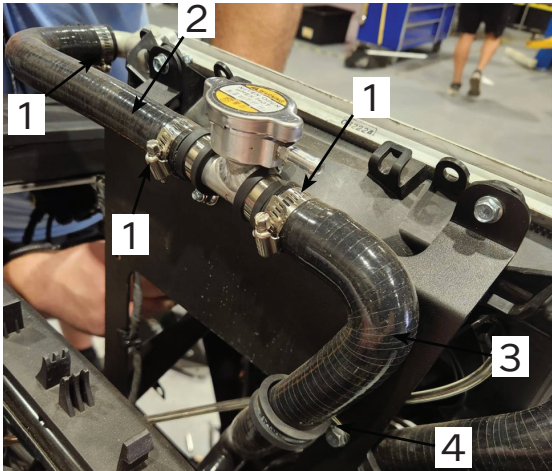
1. Radiator
2. Hose Clamp
3. Hose
4. 1-1/4" P-Clamp

11



Install the filler neck assembly to the previously installed panel nuts.

- 1. Filler Neck
- 2. 1-1/4" P-Clamps
- 3. M6 Lock Nuts
- 4. M6 x 20mm Flange Bolt



Connect both hoses to the filler neck assembly and the radiator using the provided hose clamps.

- 1. 1/4" hose clamps
- 2. Upper Coolant Hose Left
- 3. Lower Coolant Hose
- 4. 1- 1/4" P-Clamp

12

Reinstall all plastics from steps 1 through 5.

13

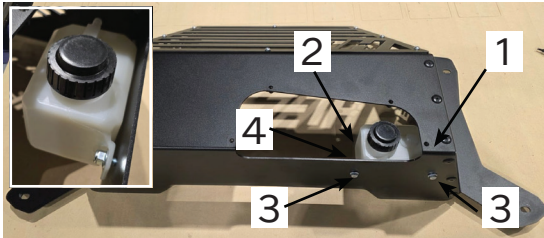


Insert 4 of the rack anchor assemblies into the Linq® profile. Turn both bolts clockwise to secure to the unit.



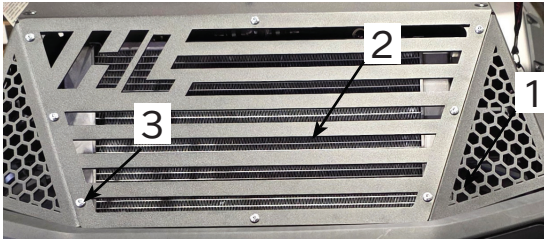
INSTALLING NEW COMPONENTS

14



Install the radiator overflow bottle to the rear of the shroud using the hardware provided in the kit.

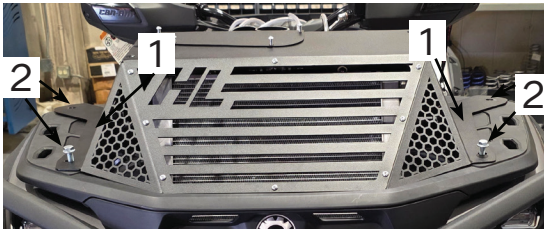
1. Shroud
2. Overflow Reservoir
3. M6 x 20mm Button Head Screw.
4. M6 Lock Nut



Install the front cover to the Shroud using the hardware provided.

1. Shroud
2. Front Cover
3. M6x20mm Button Head Screw

15



Next, place the whole Shroud over the radiator and align the mounting holes on the Shroud base flange to the threaded holes in the rack anchor assemblies that were previously installed. Fasten with hardware provided in kit.

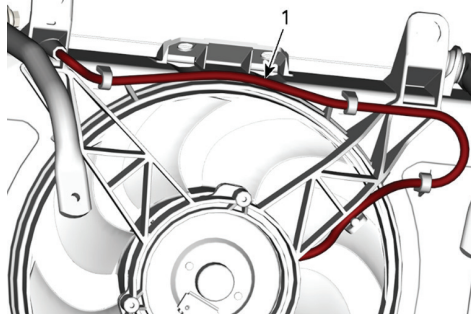
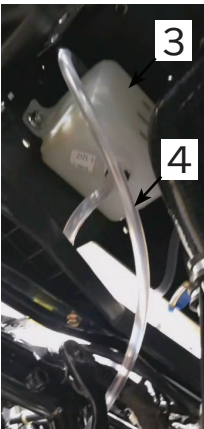
1. Shroud
2. M6 x25mm Flange Head Bolt

16

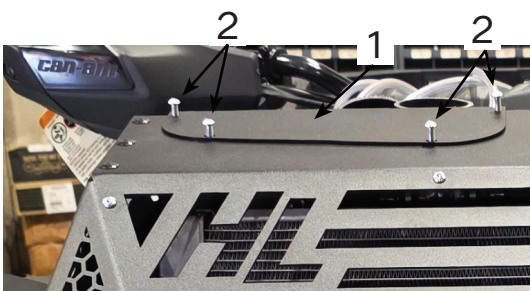


Install vent lines from the filler neck to the bottom on the newly installed Over Flow Reservoir. Connect the Air Vent Line to the Overflow Reservoir at the top, route and zip tie to a position of your liking. Reconnect the Fan Vent Line.

1. Fan Vent Line
2. Filler Neck
3. Over Flow Reservoir
4. Over Flow Line



17



Install the access cover and secure with provided hardware.

1. Access Cover
2. M6x20mm Screw

WARRANTY INFORMATION



HIGH LIFTER LIMITED LIFETIME WARRANTY

High Lifter offers a Limited Lifetime Warranty to the original purchaser that our product shall be free from defects in material and workmanship for the life of the product if utilized in accordance with the manufacturer's instructions for installation and operation of said products.

LIMITED LIFETIME WARRANTY EXTENDS TO THE FOLLOWING PRODUCT LINES:

- Lift Kits (Signature, Standard and Big Lifts)
- Control Arms
- Trailing Arms
- Radiator Relocation Kits
- Portal Gear Lifts
- Wheel Spacers
- Tow Hooks
- Control Arm Link Kits
- Racks

Damages to vehicle or any other object during the installation, use, or removal of High Lifter products are not covered under this warranty. Normal wear items included with any of the products covered under this Limited Lifetime Warranty are excluded from coverage. These items include, but are not limited to heim joints, tie rods, bearings, bushings, seals, gaskets, zinc plating, painted and powder coated finishes. Other exclusions of coverage under this warranty include, but are not limited to: damage or product failure due to improper installation, lack of maintenance, product modification, abuse, collision or use on vehicles for which product was not designed, repairs performed by anyone other than approved High Lifter personnel or made using non-High Lifter components. This warranty is valid for the original purchaser only and is non-transferable. High Lifter reserves the right to inspect any product before determining if the claim is valid and covered under this warranty. Claims determined to be caused by reasons other than a manufacturer defect will be rejected and an estimate for repair or cost of a replacement product if a repair is not possible, will be provided.

This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether express or implied, except the warranty of title.

WARRANTY PROCESSING

If you suspect your product is defective, **DO NOT disassemble the product** to determine the cause without prior approval as it may void your warranty status. This is especially true with our Portal Gear Lift. To begin the claim process, please e-mail our warranty team at warranty@highlifter.com and include the following in the e-mail:

- Your full name, address and contact phone number
- The year, make and model of your vehicle
- The part number of the product
- Photos of the product installed, and vehicle product is installed on
- Proof of purchase (Required for all warranty claims and you must be the original purchaser)

Once a claim is created, you will receive a return authorization number (RMA). Write this number on the outside of the box containing your defective product and include it along with your name and contact information inside the box. Product must be returned in the original box or a box of equal strength and packaging. Product sent without an RMA number visible on the outside of the box or sent COD will be refused. Ship your product to the following address:

High Lifter Products
Attn: Returns 7455 Atkinson Dr, Shreveport, LA 71129

Once your product is received, we often have your replacement or repaired product shipped back to you within 3-business days of receiving it. Please note that **High Lifter is not responsible** for shipping charges on product returned for warranty or repair, including duties and fees required by those residing outside the United States.