



780 Professional Drive N. Shreveport, LA 71105 Phone (318)-524-2270 Fax (318)-524-2297

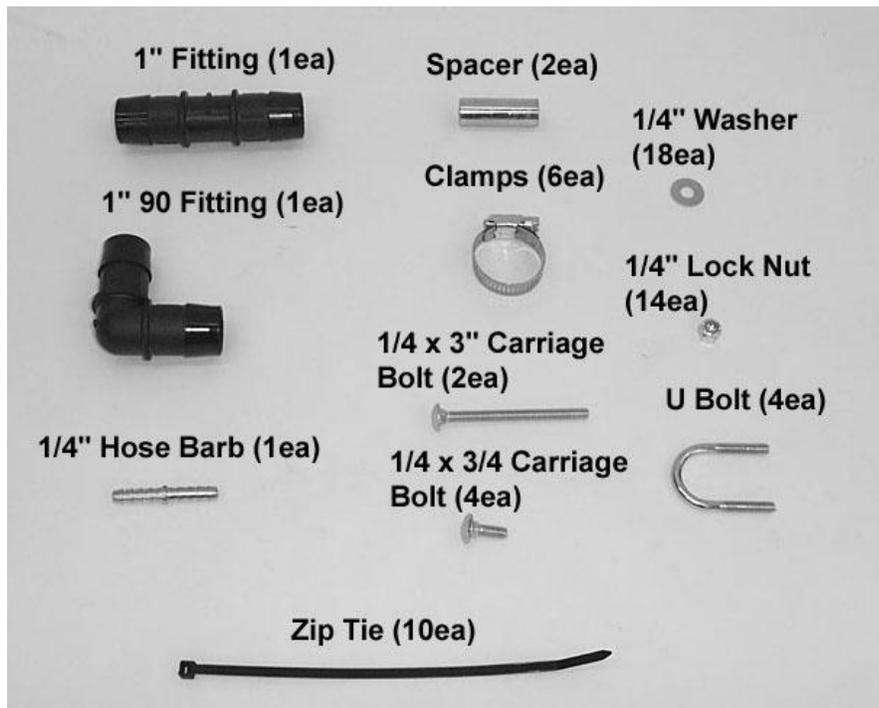
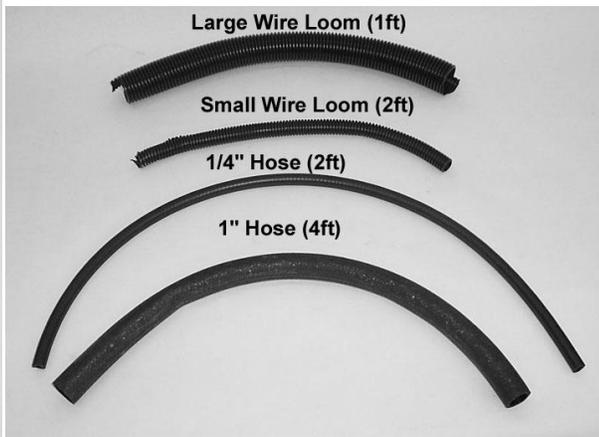
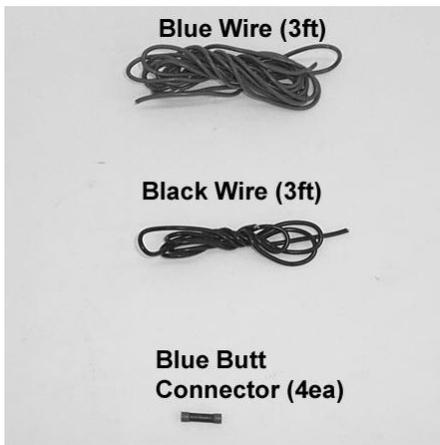
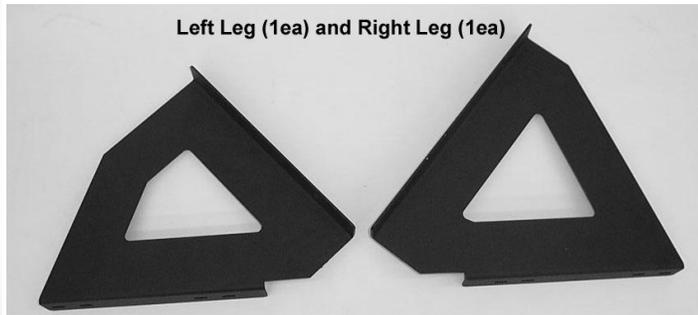
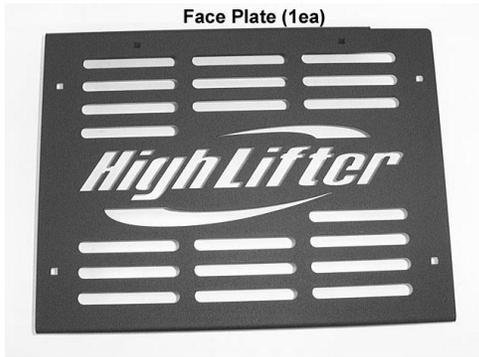
## **Kawasaki Brute Force Radiator Relocation Kit (For use with 1" Factory Coolant Lines)**

### **WARNING:**

Be advised that there are certain hazards of burning or scalding, that are created by installing radiators with potentially boiling hot fluids in locations other than those selected by the ATV manufacturer. By relocating the radiator, the customer and installer indicate that they understand and accept all risks and liability that are or may be created by moving the vehicles radiator to a non standard location. The purchaser and installer hereby release High Lifter and it officers and employees from any and all potential responsibility that may arise from installation of this radiator relocation kit. It is also the duty of the installer or purchaser to inform the rider or next owners of these potential hazards.

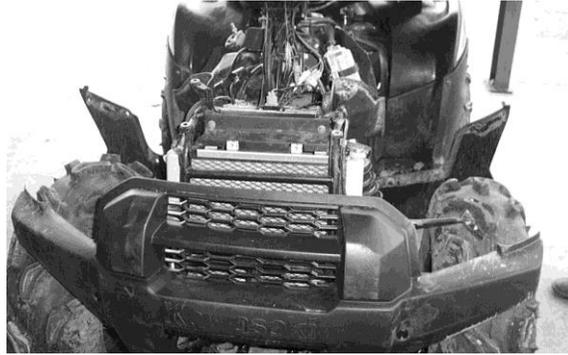
Upon completion verify all hoses and wires are not touching or rubbing the plastic. Vibration **WILL** rub a hole in the lines very quickly. Zip-tie all lines and hoses securely.

# Parts Diagram

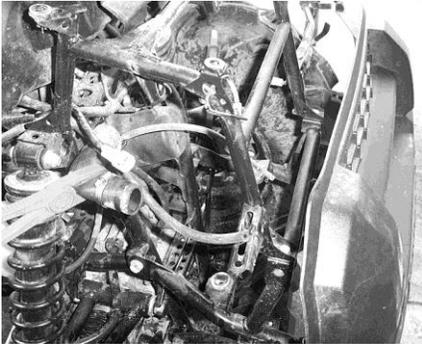


## Installation Instructions

1. Remove front plastic from ATV.



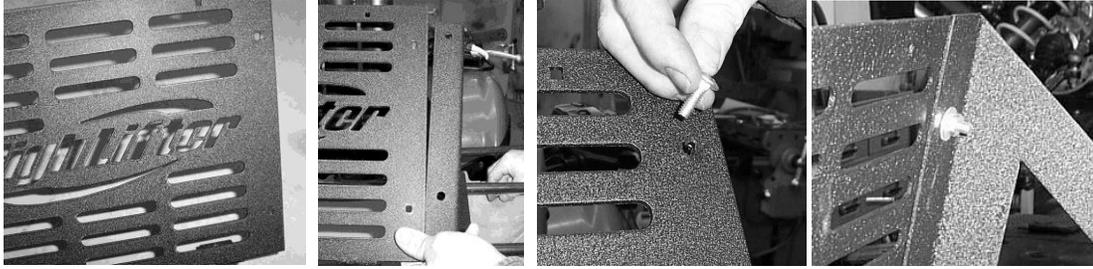
2. Drain the stock radiator and dispose of used fluid according to your local regulations. Use care in disposal, antifreeze is toxic.
3. Remove the stock radiator and unplug the fan from the ATV.



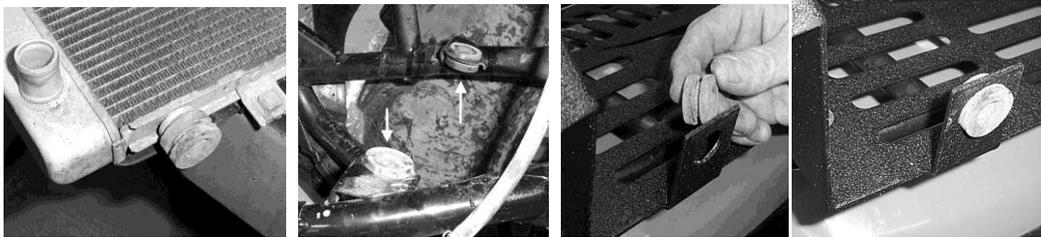
4. Leave stock radiator hoses attached to the engine.
5. Bolt plastic back onto the ATV.



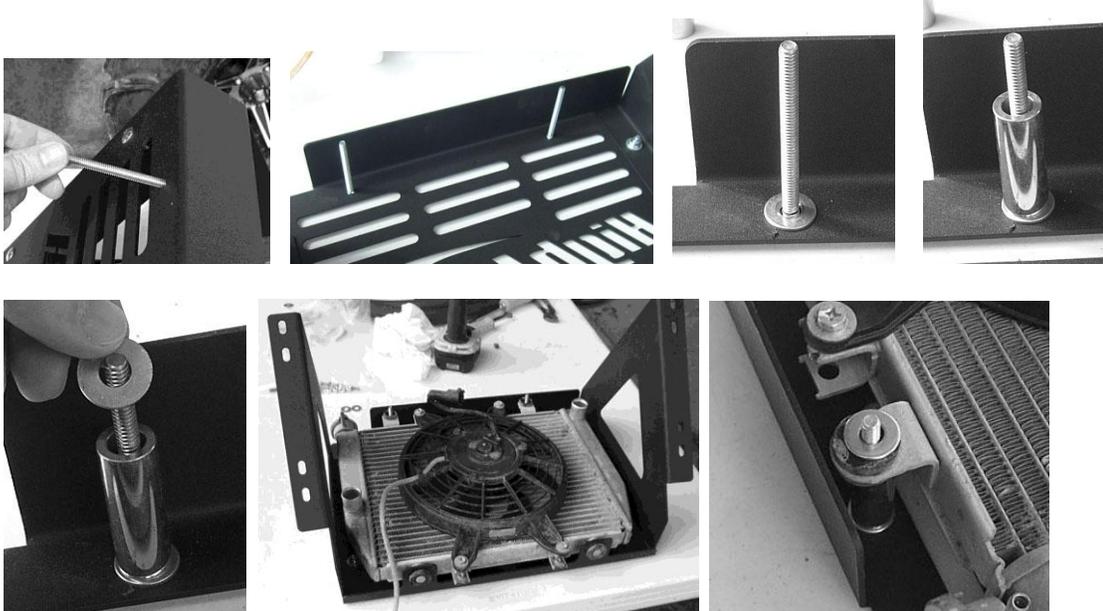
6. Preassemble the new radiator relocating kit. Assemble the frame using the  $\frac{1}{4}$  x  $\frac{3}{4}$  carriage bolts (4ea),  $\frac{1}{4}$  lock nuts (4ea), and  $\frac{1}{4}$  flat washers (4ea).



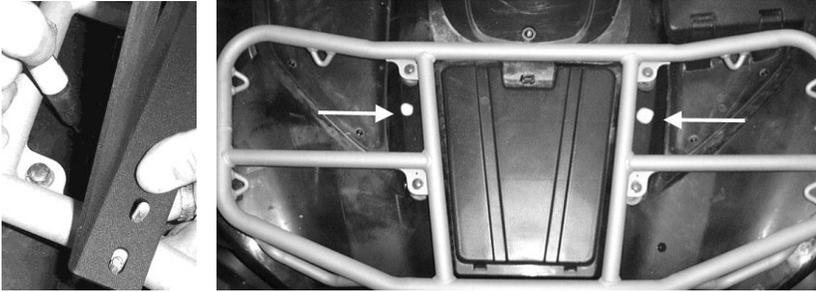
7. The bottom of the stock radiator has two rubber grommets that you will need to place in the holes at the base of the new face plate. They may still be attached to the frame and did not come out when you removed the radiator.



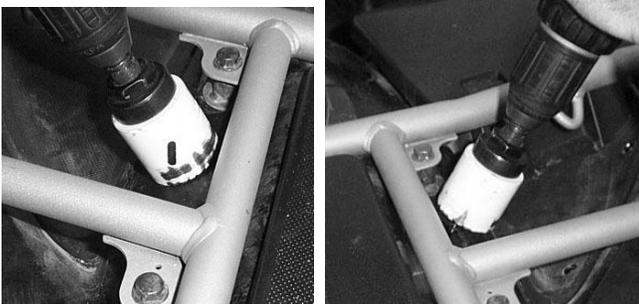
8. Attach the radiator to the kit. Insert the  $\frac{1}{4}$  x  $3\frac{1}{2}$  carriage bolts through the top of the face plate. Place the one 10mm flat washer, one long spacer onto each bolt. Next place one more flat washer on top of the spacers. Then place the radiator onto the bolts and spacers, and fasten the radiator with the  $\frac{1}{4}$  flat washers and  $\frac{1}{4}$  lock nuts.



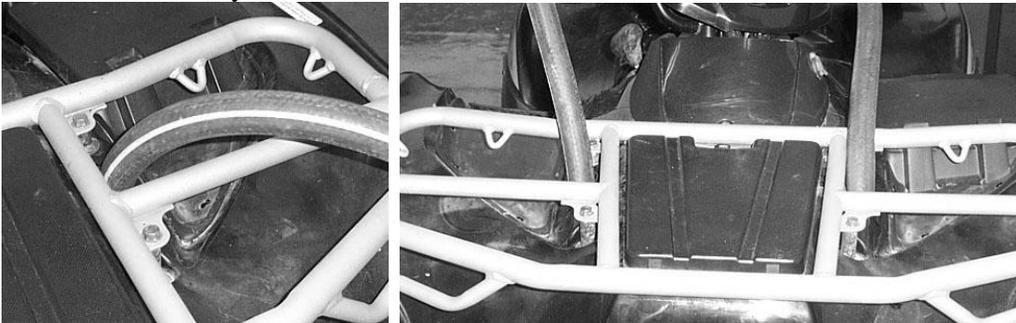
9. Once the kit is assembled, place the kit on the front rack and temporarily mount it to the rack. Next mark the holes that need to be drilled to allow the hoses and wires for the fan to pass through the plastic and rack. Mark all holes and remove the radiator kit from the rack.



10. Drill the holes using 1 3/4" hole saw.



11. Insert the hoses through the holes, cut enough hose to connect the inlet and outlet hoses to the stock hoses you left connected to the ATV.



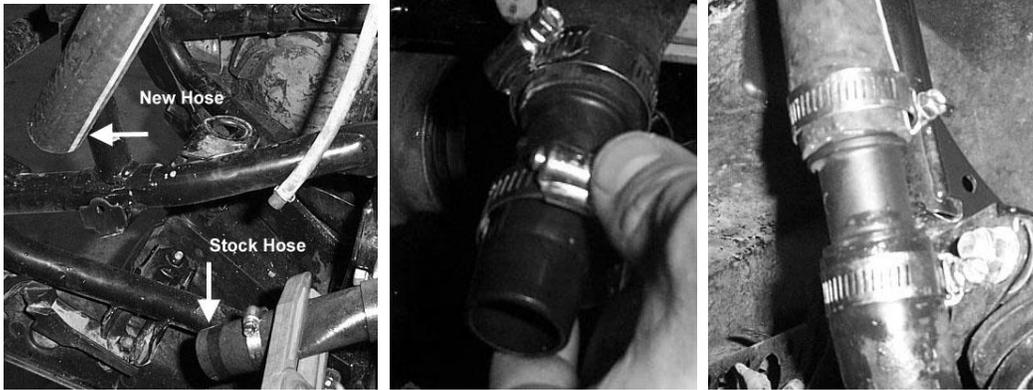
12. Drill one more hole using a 1 1/2 hole saw for the over flow bottle intake and vent lines and the fan wires



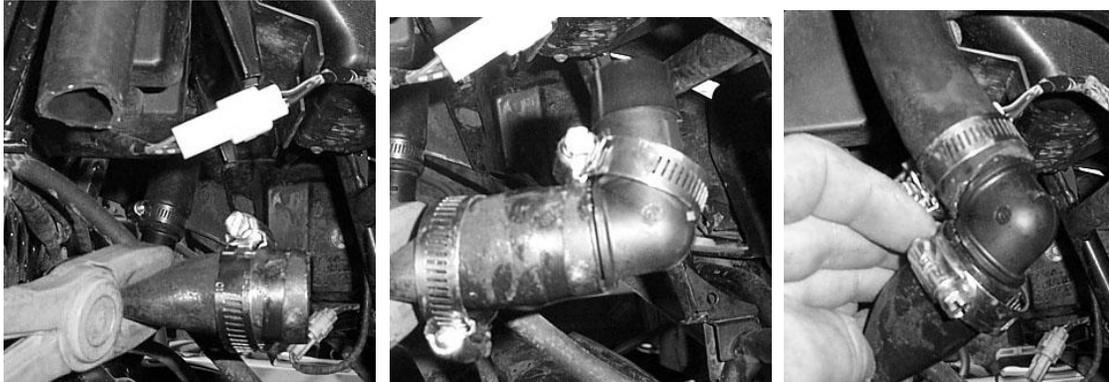
13. Connect the hoses using the 1" 90° fitting and 1" straight fitting. The straight fitting connect to the hose on the left side of the ATV and the 90° fitting goes on the right side.  
NOTE: Left and right are determined from the seated position.

14. Connect the fittings using the clamps provided

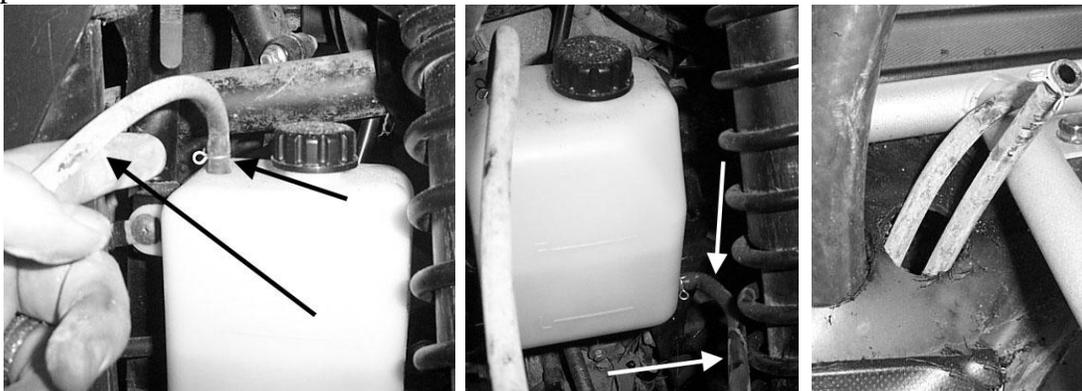
Left Side Photos:



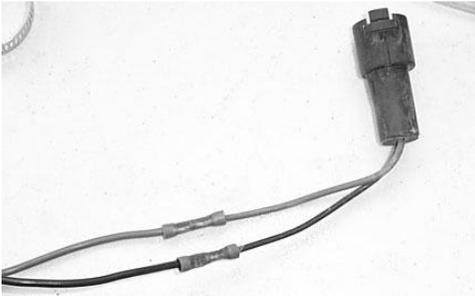
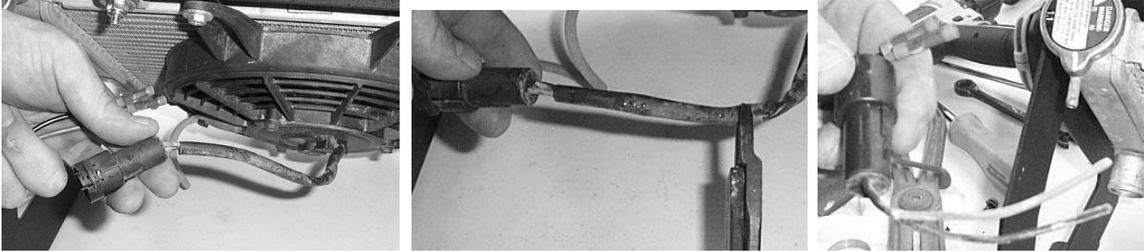
Right Side Photos:



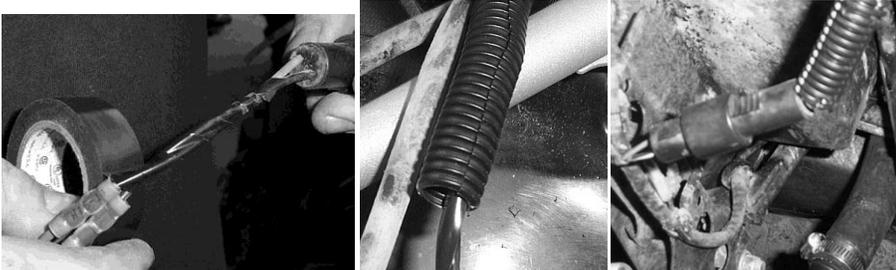
15. Run the vent line and overflow line from the overflow bottle up to the open hole in the plastic



16. Next you will need to cut the connector on the back of the stock fan. You will extend the wires to allow the connector to reconnect under the plastic.
17. Use the blue and black wires provided in the kit. Use the butt connectors provided to extend the wires. Match the wires provided in the kit with the stock wires.



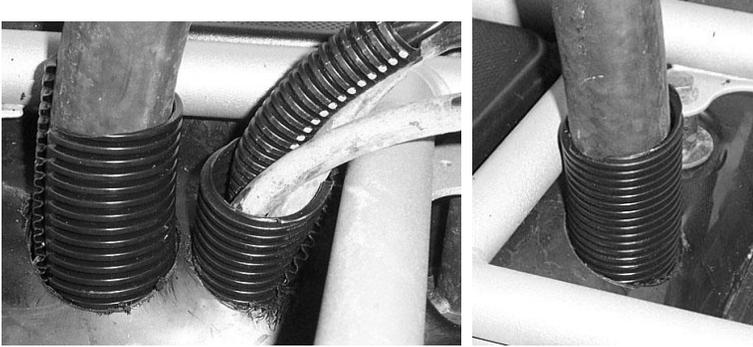
18. Wrap the wires in black tape, and run it through the 1/4" wire loom. Connect the end back to the connector under the plastic,



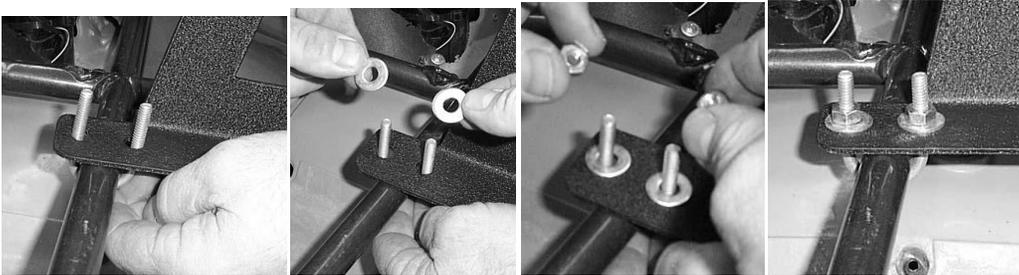
19. Run it up through the hole where you ran the overflow bottle lines.



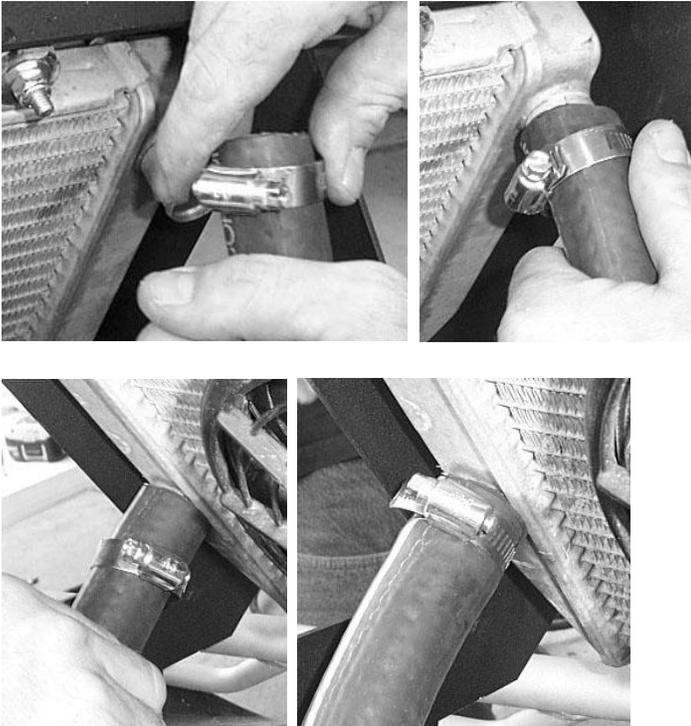
20. Wrap all hoses with the large wire loom and wrap together the overflow bottle lines and wires in the larger wire loom to protect it from cutting and vibration.



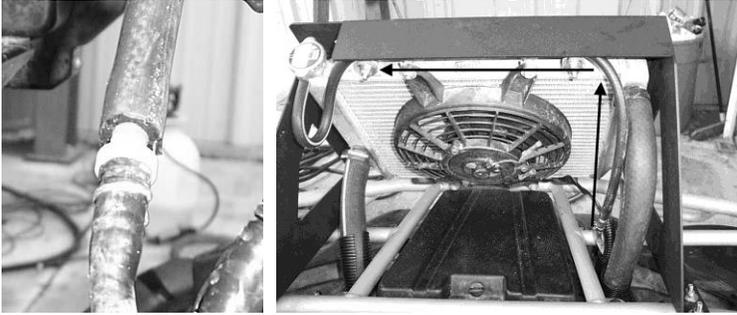
21. Connect the radiator to the rack using the U-bolts, 1/4" washers and 1/4" lock nuts provided in the kit.



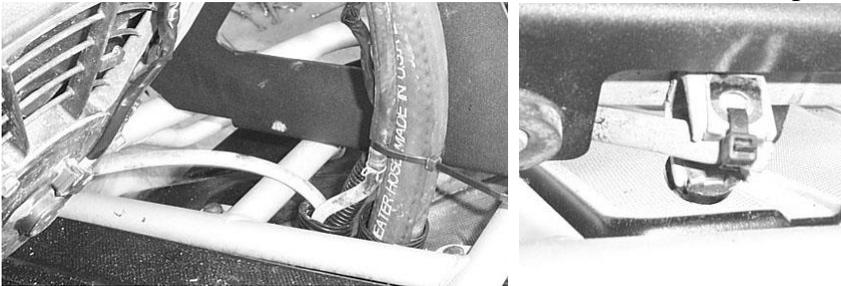
22. Connect the hoses to the radiator using the clamps provided.



23. Connect the new 1/4" overflow hose to the radiator and to the stock hose using the 1/4" hose barb. We ran the hose along the top of the radiator. Use a zip tie to secure the hose.



24. Connect the overflow vent line to a location that will not allow the overflow to spray on the rider. We connected ours to the front of the rack. Use a zip tie to secure the hose.



25. Using the blue butt connectors connect the fan wires on the back of the fan to the new wires that you used to extend the fan connector.



26. Use all zip ties provided in the kit to secure all lines, hoses, and wires so that they do not allow rubbing or touch moving parts.



27. Fill the radiator and overflow bottle with factory approved fluid. Make sure that all air is removed from the system.

**Thank You**

**For choosing**





### **High Lifter Lifetime Warranty**

From the beginning, High Lifter has engineered and manufactured some of the toughest, most durable products on the market. That's why this product comes with a Lifetime Warranty. It's our promise that High Lifter will never let you down.

- The **Lifetime Warranty** covers products sold to the original purchaser only and is not transferable. The term of the warranty is for the lifetime of the vehicle in question.
- Normal wear and tear items and finishes, such as, but not limited to: Heim joints, tie rod ends, ball joints, bearings, seals, bushings, bushing sleeves, zinc plating , powder coating, or chipping and discoloration of any finish is not covered.
- High Lifter will ship the replacement product after the returned product has been inspected by High Lifter staff.
- The warranty shall not include claims for damages, installation time or labor charges, economic losses, inconvenience, transportation, towing, down time, direct or indirect or consequential damages or delay resulting from any defect.
- The warranty does not apply to products that have been improperly applied or improperly installed.

### **Making a warranty claim**

1. All claims must be accompanied by the part and the original sales receipt or other acceptable proof of purchase from the original owner.
2. All warranties must be accompanied with a Return Merchandise Authorization (RMA) number. (Contact High Lifter at 318-524-2270 or 800-699-0947 for an RMA number)
3. When shipping the damaged product:
  - a. Write the RMA number on the outside of the box.
  - b. Also include the RMA number, proof of purchase and any notes inside the box.
  - c. Please keep your tracking number and shipment information.
4. The customer is responsible for shipping the product to High Lifter--return shipping within the lower 48 states will be paid by High Lifter products. With all warranty claims, only standard shipping services apply.
5. High Lifter will process your order within 24 business hours of receiving the returned item.
6. **Ship to:** High Lifter Products, 780 Professional Drive North, Shreveport, Louisiana 71105