

INSTALLATION INSTRUCTIONS FOR JOHN DEERE DIESEL GATOR OIL FILTER RELOCATION KIT

Part #95-4000

Rev 2.1

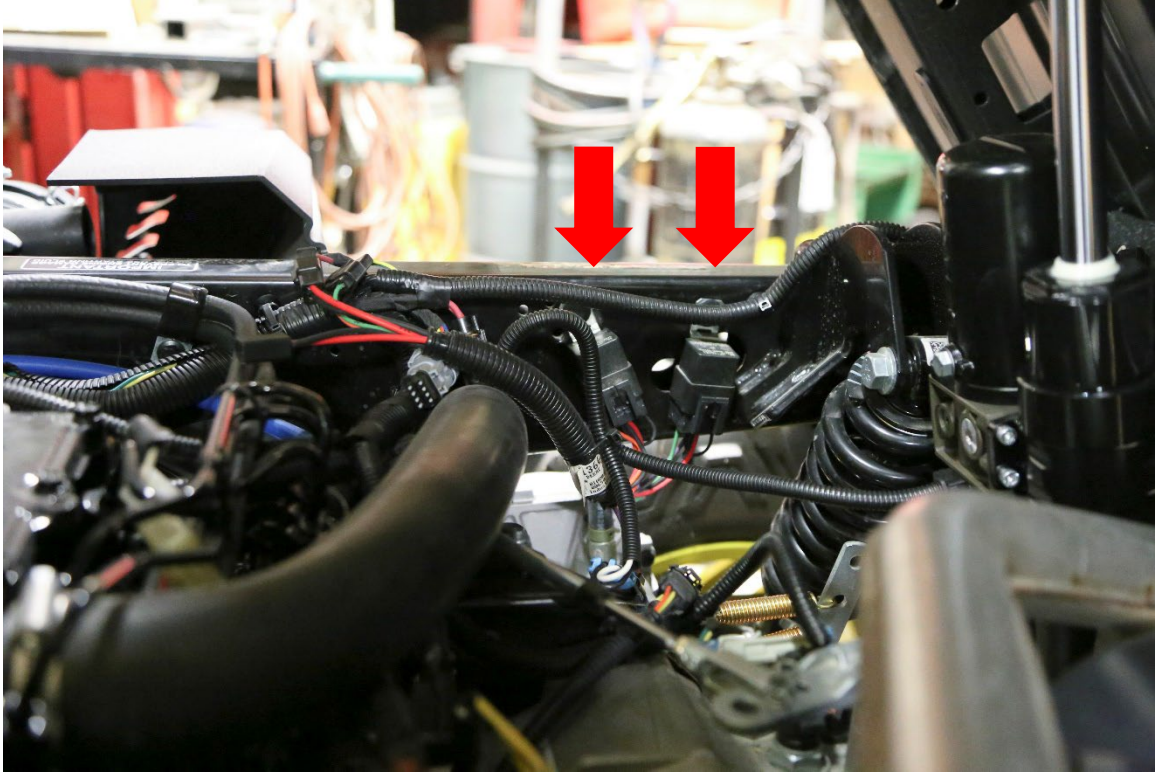


This oil filter relocation kit will fit on any Diesel Gator that uses the John Deere oil filter part number M806418 or equivalent.

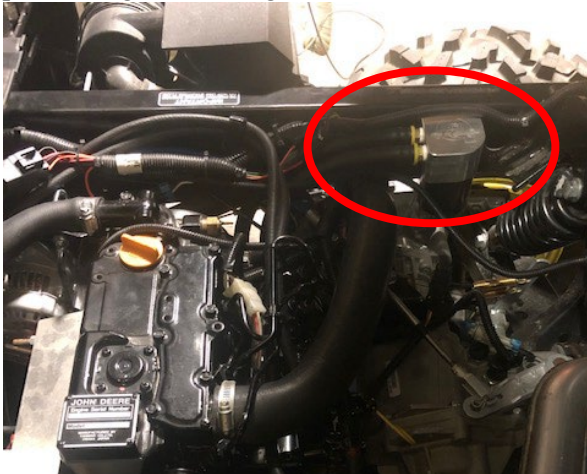


To Install:

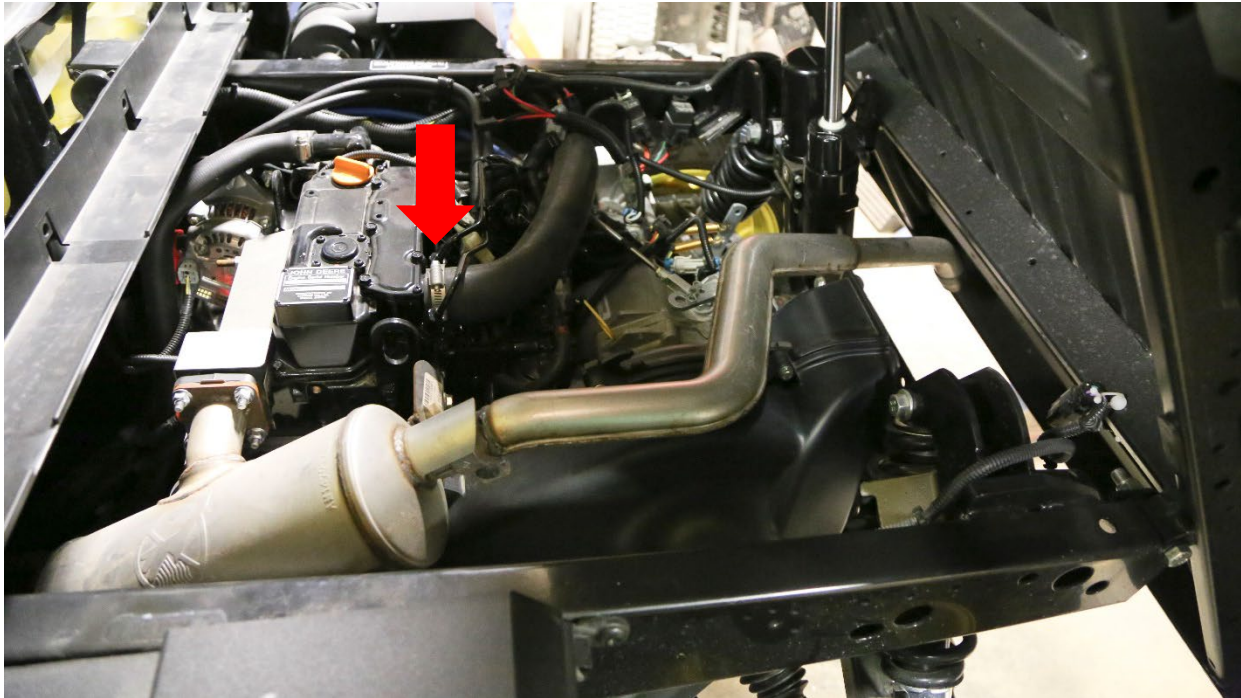
1. Raise cargo box.
2. In order to find a suitable location along the inside passenger frame rail to mount the remote filter base, you may need to remove a couple of relays from the frame (shown below) depending on what wiring harnesses come equipped on your particular Gator. If your Gator has these, detach them from the frame and lay them forward toward the seat to get them out of the way until the kit is fully installed.



3. Hold the remote filter base along the frame to find a suitable location. Be sure to keep the top of the remote filter base below the frame rail for bed clearance. There may be holes already in the frame that can be used to mount the base. If your frame doesn't have the correct hole spacing, use the base bolt hole template provided on the last page of these instructions to aid in drilling holes for the correct spacing. Drill 5/16th holes if needed. See below for positioning and drilling:



4. Detach the air inlet pipe from the intake manifold by loosening the hose clamp (as shown below) and sliding the rubber hose off the intake then fold out of the way. Be sure to cover the intake opening to prevent foreign materials from falling into the manifold.



5. Remove the dipstick support, the fuel filter housing and bracket. Then lay the dipstick and filter base out of the way in order to get to the oil filter.



6. Remove the oil filter.
7. Take the 5 foot $\frac{1}{2}$ " hose and cut it in half. Label both ends of the hose the same letter, so you will have an "A" hose and a "B" hose.



8. Use the adaptor, banjo bolt and O-ring shown below. Use clean engine oil or assembly lube on each of the hose barb fittings and attach the labeled hoses to the correct “A or B” port on the adaptor. Push the hose all the way on until it is seated against the yellow plastic stop. No hose clamp is required with this type of hose and fitting connection. IT IS IMPERATIVE THAT HOSE “A” GOES TO PORT “A” AND HOSE “B” GOES TO PORT “B” AS LABELED ON THE REMOTE BASE. Ensure the O-ring is around the sealing surface of the banjo bolt.



9. With clean engine oil, lube the O-ring on the banjo bolt and the internal O-ring in the adaptor.
10. Insert the banjo bolt into the adaptor.
11. Use some clean engine oil or a light film of grease in the groove (see arrow below) for the large O-ring, both to hold it into place and to lube it.



12. Wipe the cylinder block filter surface clean. Install the assembly in place of the oil filter. Do this by starting the hoses in first and routing them toward the passenger side of the Gator.

13. Positioning the fittings/ hoses in approximately a 3:30 position (viewing from the back of the machine) which would position the fittings/hoses between the dipstick tube and the engine support bracket. Check for clearance, you do not want the hoses to contact either the tube or the bracket. Tighten the banjo bolt to seat the O-ring and then approximately an 1/8th of a turn or until tight. Again check for clearance once tight.
14. Continue to route the two hoses by bringing them up between the engine support and the driveshaft.

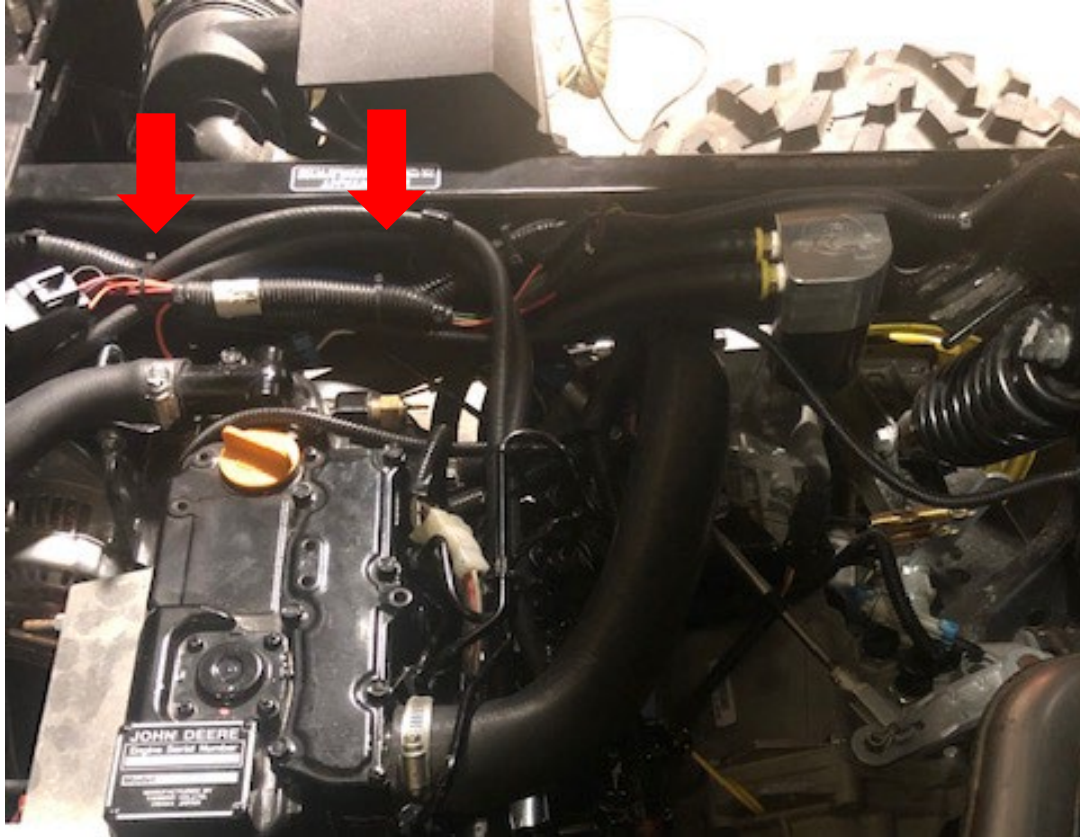


15. Route them in the direction where they will be installed to the filter base as shown below.



16. Mount the remote filter base using the provided 1/4" bolts, lock washers, and flat washers through the previously drilled holes.
17. Route the labeled hoses to the filter base and check for fitment. Trim the hose length for proper fitment. Check the routing of the hoses to be sure they are clear of moving parts and not binding on anything that could chaff a hole in them. Lube the brass fittings with clean engine oil and install the labeled hoses onto the brass fittings in the correct ports on the filter base. IT IS IMPERATIVE THAT HOSE "A" GOES TO PORT "A" AND HOSE "B" GOES TO PORT "B" AS LABELED ON THE REMOTE BASE.
18. Install oil filter previously removed or a new one (not provided) per manufacture's specifications.
19. Reattach the previously removed fuel filter base, bracket, and dipstick.
20. Remove the protective cover from the intake and install the air intake hose.

21. Use provided zip ties to secure the wire loom previously removed for the frame rails (if applicable) in a location away from moving parts. Such as below:



22. Crank engine over a few times, do not let the engine start (if it does, shut it off immediately) to get oil circulated throughout the new system.
23. Start and run the engine for a few minutes. Check for leaks while running.
24. Shut off the engine and check oil level and add if needed.
25. Lower the cargo box.
26. Just think how easy it'll be changing the filter the next time it's needed!

TEMPLATE: Cut out the below template and tape onto the frame. Then you can center punch and drill the frame.

