

Slee Off-Road Washer Bottle Relocation Kit
 Fits 1993-1997 Toyota Land Cruiser

Qty	Part Included	Tools Needed
1	Horizontal Fender Bracket (The T Shaped one)	10mm socket
1	Vertical Bracket	12mm socket
1	28" of split loom	Socket extension
2	28" of blue 14ga wire	Socket wrench
4	Pieces of heat shrink insulation	Side cutter pliers
4	Small black cable ties	Art knife
2	6mm x 25mm bolts	Heat gun or hair dryer
1	6mm x 35mm bolts	Soldering iron and solder
6	Flat washers	Electrical tape
3	Lock washers	
1	1/2" bushing with 1/4" hole	
3	6mm nuts	

Thank you for purchasing Slee Off-Road parts for your Land Cruiser. All attempts have been made to supply the bracket and related parts in perfect condition with complete installation hardware. However should you have any problems with the condition of the parts or find any parts missing, please do not hesitate to contact us at 1888 4X4 SLEE or sales@sleeoffroad.com

Your Slee Off-Road parts are guaranteed free of defect in material and workmanship for a period of one year from date of purchase. Should you experience any problems, please contact us directly to resolve any issues. We have attempted to provide complete installation instructions provided below. However from time to time changes might be made to parts and associated hardware and you might notice small inconsistencies with the instructions. Please notify us of such occurrences so we can correct them.

Installation Instructions

Removal of washer bottle

1. Unplug the female plug on the washer fluid bottle. Depress tab at the top and pull upwards.
2. Remove three 10 mm bolts that attach the bottle to the fender. Save these, they are re-used when installing a second battery tray.
3. Unplug the washer fluid hose at the bottom of the pump. Keep finger on hole to avoid fluid draining.
4. Remove bottle from engine compartment and drain in suitable container.

Installation of brackets and bottle

1. Attach horizontal bracket to washer bottle using the 6mm x 35mm and 6mm x 25mm bolts. Use one flat washer on the bolt head side and a flat and lock washer on the nut side. The bracket attached on the backside of the bottle (side without the pump) and the 1/2" bushing with the 1/4" hole goes between the bracket and the bottle on the upper hole.
2. Remove the two bolts that hold the cruise control module to the fender with a 12mm socket. The cruise control module is located on the passenger side fender just behind the air cleaner. It has a triangular plastic cover with a cable that runs from the unit to the throttle body on the engine.
3. Place the bottle in the engine compartment with the bracket lining up with the two holes from the bolts removed in step 2.
4. Insert the 12mm bolts but do not tighten all the way.

5. Remove the rearmost 12 mm bolt that holds the air cleaner assembly to the fender.
6. Install the vertical bracket on top of the air cleaner leg assembly. Insert bolt, but do not tighten. Rotate the bracket so that the top tab aligns with the mounting tab on the bottle. The cruise control cable is routed between the bracket and bottle.
7. Attach washer bottle mounting tab to the top of the vertical bracket using the other 6mm x 25mm bolt. Use one flat washer on the bolt head side and one flat and one lock washer on the nut side.
8. Tighten all bolts and make sure the bottle is not touching any components in the car. If needed brackets can be bent to avoid this, but normally this should not be needed.

Extending the wires and connecting the fluid hose

1. Disconnect battery – (MAKE SURE YOU KNOW YOUR RADIO ANTI-THEFT CODE IF YOU HAVE ACTIVATED THIS FEATURE)
2. Remove the loose shielding that surrounds the two wires leading to the connector that was unplugged from the washer bottle. (Not the wire insulation).
3. Cut the wires at two different positions about 3" and 4" from the plug. Cutting the wires at different positions will help later with making sure the plug is wired correctly to the extension leads.
4. Trim ½" of insulation from each piece of wire still attached to the plug and also the ones from the wiring harness. Attach the two pieces of supplied wire to each of the leads coming from the plug. Twist the wires together and solder the joint.
5. Wait for joint to cool and slip a piece of heat shrink over each joint. Shrink using heat gun or hair dryer.
6. Slip the additional pieces of heat shrink over each extended lead. Now attach the extended wire pieces to the wiring harness. Check the lengths to make sure you are attaching the wires correctly. You should have a short and a long piece coming from the plug. This should be attached to long and the short piece on the wiring harness.
7. Solder the joints and insulate in the same manner as step 5.
8. Insert the wires into the split loom. Tape the ends with electrical tape and wire tie the ends.
9. Route the extended plug between the fender and the air cleaner assembly and plug into the washer bottle pump.
10. Route the washer hose along the same route and connect to the washer bottle pump.
11. Use cable ties to secure wires and hose. Make sure not to pinch the hose and restrict flow.
12. Reconnect the battery and test system. Check for leaks and make sure all electrical connections are properly insulated.

