

2005+ Tacoma 3.5L/4.0L Transmission Power Steering Cooler Kit Install Instructions



1. Remove the grill off the vehicle by removing 2 10mm bolts and 2 pop clips. Remove electrical connector if present on a 3rd Gen Tacoma.
2. Remove 9 pop clips and the radiator cover then remove the two bolts on either side holding in the fan shroud. Lean the fan shroud back.
3. Remove the 2 horns and set aside.
4. Remove the factory hoses off of the hardlines which pass through the radiator support. Use of a cup to catch oil and a vacuum cap to keep oil from dripping out of the hardline is helpful here.
5. Unbolt and remove the factory transmission cooler.
6. Install the RIPP Transmission Cooler using the provided plastic rods, foam isolators, and locking clips.
 - a. Place the cooler at the top left of the AC condensor against the edge of the factory plastic tab (not over it) and flush with the top of the condensor.
 - b. Push the provided plastic rods through the cooler, foam isolator, AC condensor, and radiator, then install the locking clips.
 - c. Cut the plastic rod so that 1/4in of the teeth remain. **DO NOT CUT FLUSH.**
7. Install the upper cooler hose onto the upper factory hardline and the lower cooler hose onto the lower factory hardline.
 - a. If you have not purchased the power steering cooler conversion kit skip to steps 12 and 13 to reinstall your horns properly for hose clearance and finish install. Disregard Step 15.
8. Continue if installed the Power Steering Cooler Kit.
9. Remount the factory transmission cooler which will now be repurposed into a power steering cooler.
10. Wrap provided edge protector around the radiator support hole to protect the provided power steering hoses from sharp edges. Trim if necessary.
11. Remove the factory power steering reservoir feed hose and install the 90° fitting into it.
 - a. Connect the provided hose from this 90° fitting to the cooler feed port. (feed and return fittings the cooler are labeled in pictures)
 - b. Connect the return hose from the cooler to the port on the power steering reservoir. At the reservoir use the provided 90° fitting.
 - c. Route both hoses through the hole in the radiator support.
12. Loosen nut on the backside of the drivers side horn and rotate it so more clearance is given to the hose. See cover photo for orientation. Zip tie nearest hose away if necessary.
13. Reattach both horns, fan shroud, grill, and radiator cover.
14. Bleed the power steering system.
15. Jack up the front of the truck and turn the steering wheel side while the vehicle is running.
 - a. Fill the reservoir as needed to remove air from the power steering lines and cooler.

