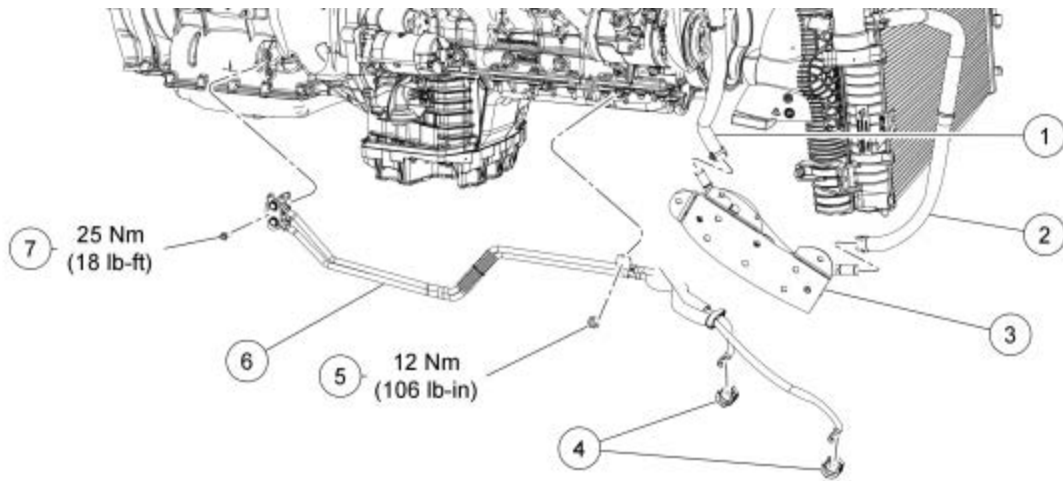




11-16 6.7 Powerstroke Transmission Cooler Line Instructions



***There are multiple ways to remove the transmission lines. We recommend cutting the lines in front of the oil filter housing and removing them in two sections.

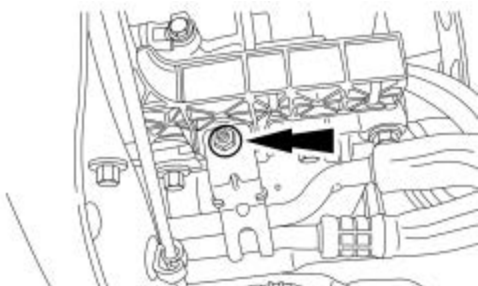
1. Remove the plastic retaining clips at the transmission cooler. Spray where the lines enter the cooler with penetrating oil.



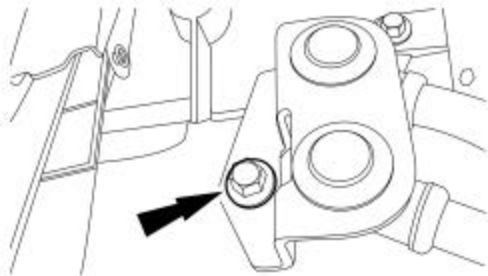
- Using a Trans cooler disconnect tool, such as the AST 8023, which is designed for ½" lines, or an equivalent tool, remove the lines from the cooler. Allow them to drain.



- Remove the retaining bolt for the OEM line bracket towards the front of the engine.



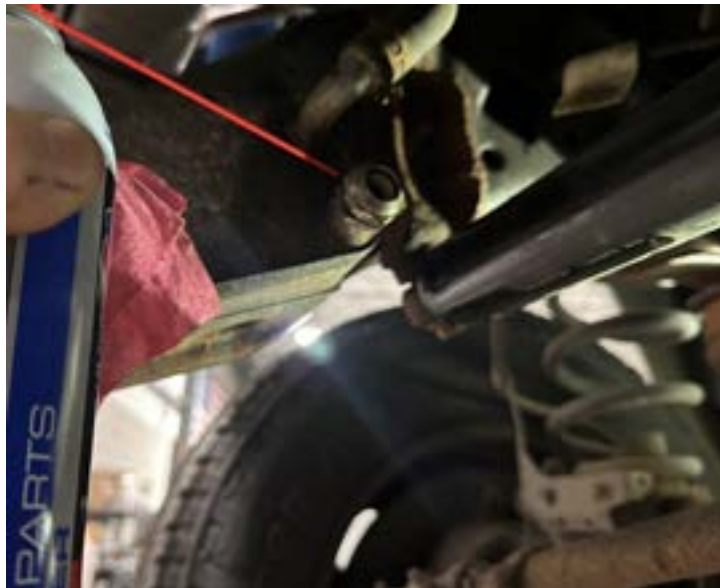
4. Remove the retaining bolt where the lines attach to the transmission case. Using a screwdriver and sidecuts, remove the push clips that hold the retaining plate to the lines as shown.



5. At this point, you can use a pipe cutter or sawzall to cut the line mid-way to help make removing them much easier. Take care if using power tools. Remove the factory lines from the truck.
6. *****NOTE: If you do not want to cut the lines, you can remove the oil filter and housing to gain better clearance for removing them.



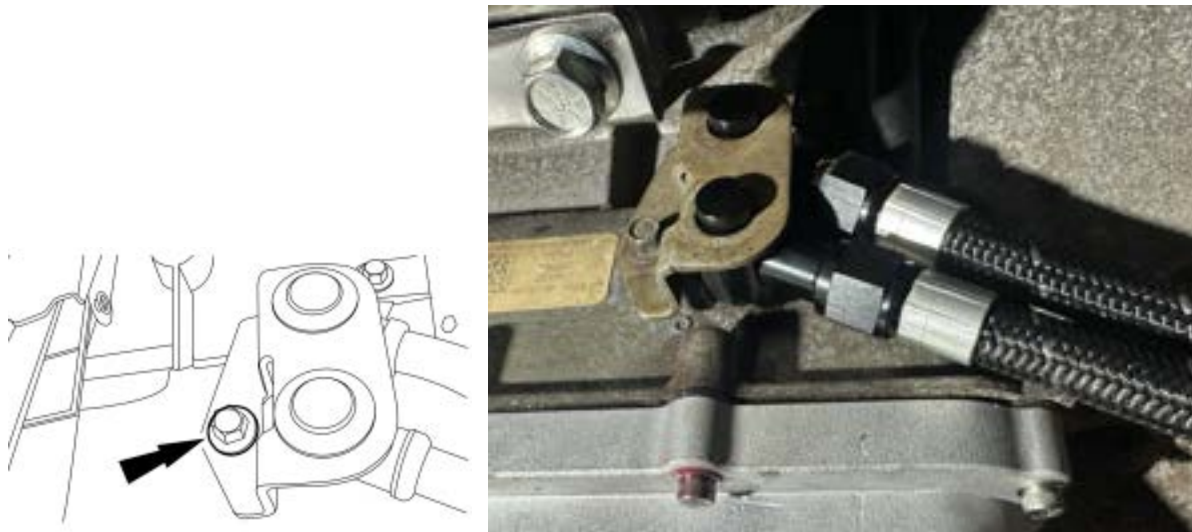
7. Using brake/parts cleaner, clean where the new fittings will go into the transmission case and cooler.



8. Using a light grease or transmission fluid, lube and Insert the fittings into the cooler, pushing until you hear an audible click. Verify by pulling outward on the fittings making sure they are installed properly. Reinstall the plastic clips.



9. Install the provided 4 o-rings onto the transmission case fittings. Lube the o-rings and install the fittings. Reinstall the retaining plate and bolt. Tighten to 18Lb-ft.



10. Install the new hoses routing them the same as the factory. The longer hose with the 120 degree end will attach to the forwardmost transmission cooler fitting and the top transmission fitting. The shorter hose with the 90 degree end will attach at the cooler (rearmost) and the straight end at the bottom transmission case fitting. Referencing to the images on the next page.





11. Make sure all of the AN fittings are tight. Use the provided zip ties as you see fit to make sure the lines are routed correctly away from sharp objects. Start the vehicle, get it to operating temperature, and top off the transmission with Mercon LV or equivalent fluid.