



TECH TIP

2022-2023 MY L-SERIES AUXILIARY TRANSMISSION OIL COOLER LINE CONNECTION

GROUP: COOLING
TECH TIP NO: 24-007
DATE: 6/21/2024

SUBJECT VEHICLES: 2022 and 2023 model year Hino Conventional L-Series vehicles equipped with a Cummins B6.7 engine.

Note: This TechTip is provided as technical information and is not authorization for a warrantable repair.

OVERVIEW: If the transmission cooler lines require replacement or removal and reconnection at the auxiliary cooler, this tech tip will guide you through the removal and installation sequence for the transmission line connections at the auxiliary cooler as well as show the correct orientation to prevent potential damage and kinking of the lines.

- When removing the oil cooler line flare nut for each line, make certain to hold the adapter fitting with a wrench to prevent it from rotating counterclockwise and loosening from the auxiliary transmission oil cooler.

- Confirm the adapter fitting did not loosen and is tightened to the specified torque.

Specified Torque: 54 Ft-lb. (74 Nm)

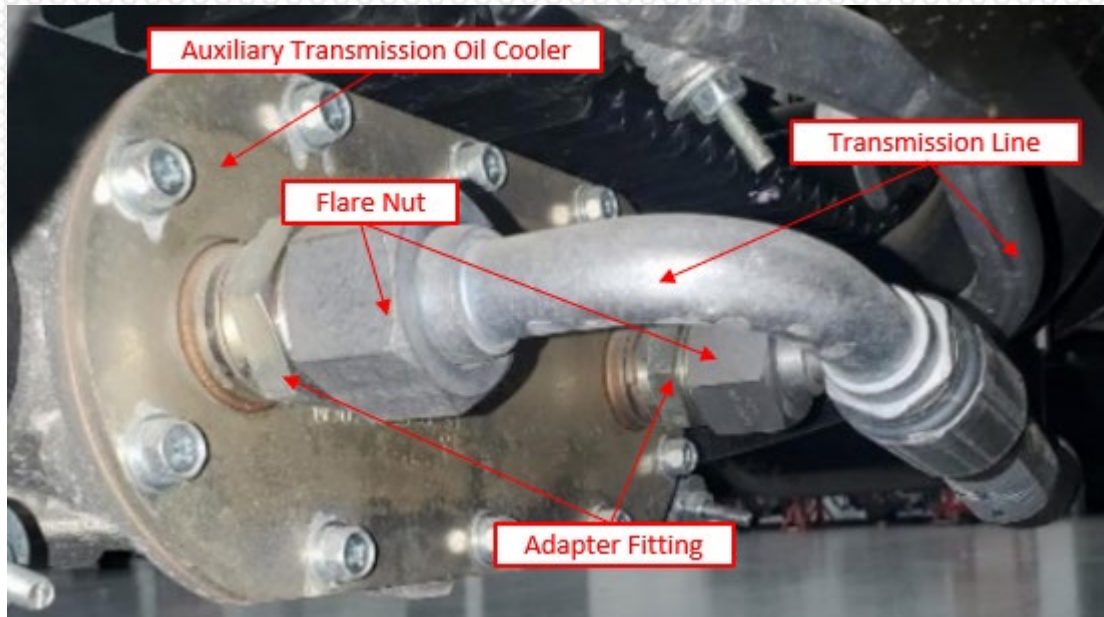
- When reconnecting the transmission line at the auxiliary oil cooler, ensure the line and flexible hose portion are oriented as below. Use a wrench to hold the adapter fitting on the auxiliary oil cooler while tightening the transmission line flare nut to the specified torque. Do not allow the adapter fitting to rotate and over tighten into the auxiliary oil cooler.

Specified Torque: 144 Ft-lb. (196 Nm)

- Ensure the transmission line and the flexible hose are oriented correctly, as shown below.



Aux Cooler Flare Nut and adapter fittings



Correct transmission line orientation

