


Transmission Fluid Cooler Backflushing and Cleaning

Special Tool(s)	
 ST2971-A	Transmission Heated Cooler Line Flusher 222-00007, 222-00004 or equivalent

NOTICE: Do not use any supplemental transmission fluid additives or cleaning agents. The use of these products could cause internal transmission components to fail; this will affect the operation of the transmission.

NOTE: Transmission fluid cooler backflushing and cleaning will be performed using the Transmission Heated Cooler Line Flusher or equivalent. Follow the manufacturer's instructions included with the machine. Test the equipment to make sure that a vigorous fluid flow is present before proceeding.

1. Check and top off the fluid level of the cooler line flusher with transmission fluid.
2. Allow the transmission fluid in the cooler line flusher 15-30 minutes to heat up to 60°C (140°F) before using.
3. Install the line adapters into the transmission fluid cooler tubes.
4. Attach the cooler line flusher red line to the transmission fluid cooler pressure tube.
5. Attach the cooler line flusher blue line to the transmission fluid cooler return tube.
6. Follow the equipment instructions to purge the transmission fluid cooler tubes and cooler prior to starting the flushing procedure.
7. Allow the transmission fluid cooling system to backflush for 10-15 minutes, then flush the transmission fluid cooler in a normal flow direction for an additional 10-15 minutes.