

# 1997 - 2002 Corvette: Service Bulletin: Automatic Transmission Service Procedure Changes

**Subject:** Automatic Transmission Service Procedure Changes

**Source:** Chevrolet Dealer Technical Service Bulletin

**Number:** 99-07-30-020A

**Models:** 2002 and Prior Passenger Cars and Light Duty Trucks with Automatic Transmissions

This bulletin is being revised to add the 2000-2002 model years. Please discard Corporate Bulletin Number 99-07-30-020 (Section 7 -- Transmission).

This bulletin covers the service procedure for cars and light duty trucks equipped with automatic transmissions which are in warranty.

This service procedure allows dealers to repair or replace automatic transmissions based upon the cost of the repair and customer satisfaction. Each repair should be evaluated individually to determine the need for repair or replacement.

0. Transmissions should be repaired whenever the cost of the repair is less than the cost of a Goodwrench Transmission Assembly.
0. A Goodwrench Transmission Assembly should be installed whenever the cost of the repair is greater than an assembly.
0. When two or more repair attempts have not corrected the condition, contact TAC and/or your Area Service Manger (ASM) (DSM in Canada) for further assistance.
0. Only GM Goodwrench DEXRON® III automatic transmission fluid is to be used for any warranty service of automatic transmissions.

## Cooler Flushing

Cooler flushing and a flow check **MUST** be performed whenever a transmission is removed for service. It is essential to flush the cooler prior to

installation of a Goodwrench Transmission Assembly or when fluid contamination is suspected. Use Kent-Moore tool J 35944-A and solvent J 35944-22 to flush the cooler. Instructions are published in each Service Manual On-Vehicle Service Section. Refer to Corporate Service Bulletin 99-07-30-017 for further details on transmission cooler flushing and flow check.

Step	Concern	No	Yes
1.	Transmission/Tran saxle Concern	Have two or more repair attempts failed to correct condition?	Go to step 2
2.	Remove unit		
3.	Disassemble Inspect components  Estimate repair costs	Does cost of the repair Exceed cost of SRTA ?	Go to step 4
4.	Correct as necessary and overhaul.  Reassemble unit		
5.	Reassemble unit for core return		
6.	Flush cooler		

7.	Reinstall unit (Overhauled or SRTA)		
8.	ROAD TEST	Is transmission / transaxle condition Repaired ?	Go to step 1
9.	Return vehicle to customer		

### **Warranty Information**

Labor operation K7000 (TRANSAXLE ASSEMBLY - replacement) permits add on time to be used as needed for disassemble, inspect and reassemble, when it has been determined the cost of overhaul exceeds cost of replacement. (Steps 3 and 5 above)

Labor Operation K7000 (TRANSAXLE ASSEMBLY - replacement) includes time to perform cooler line flush. (Step 6 above)

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.

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