

1998-99 TRANSMISSION SERVICING

Manual Transmission - Cars

IDENTIFICATION & APPLICATION

TRANSMISSION/TRANSAXLE APPLICATION

Application	Trans. Model
Chevrolet	
Camaro	T5 (M49) 5-Speed Or T56 (MM6) 6-Speed
Cavalier	
2.2L	MK7 5-Speed
2.4L	MJ1 5-Speed
Corvette	T56 (MM6) 6-Speed
Metro	
1.0L	MV2 5-Speed
1.3L	M42 5-Speed
Prizm	MB4 5-Speed
Pontiac	
Firebird	T5 (M49) 5-Speed Or T56 (MM6) 6-Speed
Grand Am (1998)	MJ1 5-Speed
Sunfire	
2.2L	MK7 5-Speed
2.4L	MJ1 5-Speed
Saturn	
SOHC	MP2
DOHC	MP3

LUBRICATION

SERVICE INTERVALS

Metro

Replace transaxle fluid every 24,000 miles under normal driving conditions. Under severe driving conditions change fluid every 12,000 miles.

Prizm

Under normal service, no fluid changes are necessary. Under severe driving conditions, change fluid every 30,000 miles or 24 months.

Saturn

Change fluid at 6000 miles. After initial oil change, no regular service is required.

All Others

Fluid replacement is not required, except at time of overhaul. Check fluid level at each engine oil change.

CHECKING FLUID LEVEL

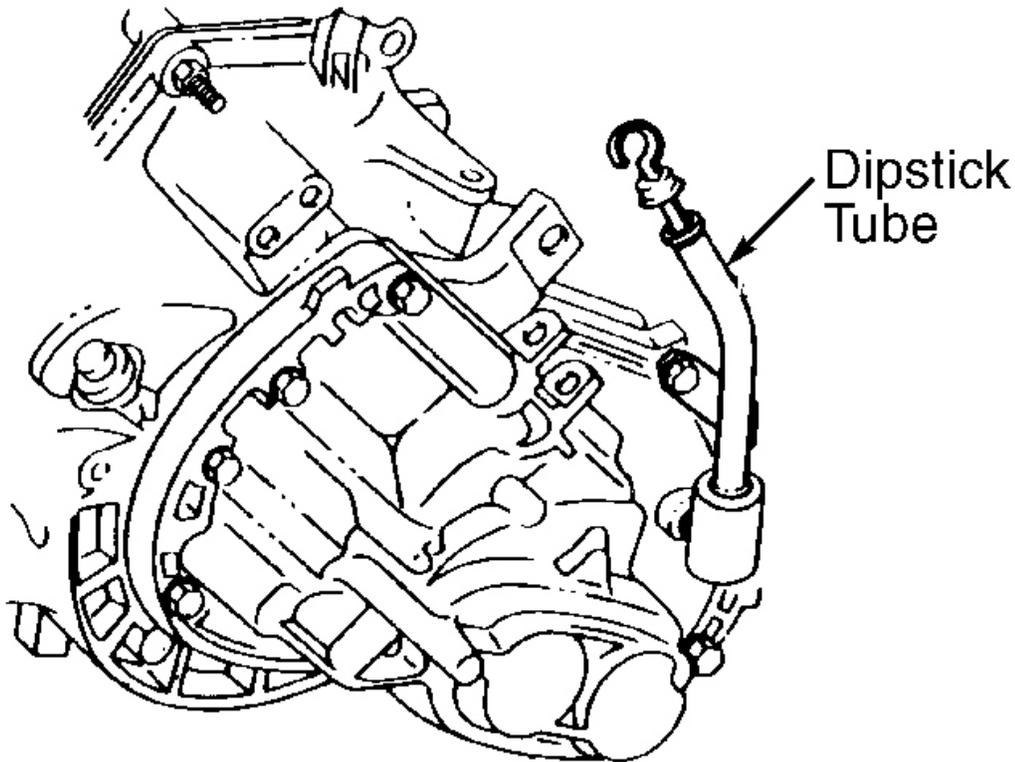
Camaro, Corvette, Firebird, Metro & Prizm

CAUTION: On Camaro and Firebird T5 (M49) 5-speed transmission, DO NOT mistake reverse shift lever pivot bolt (located on left side of transmission case) with filler plug. Drain and fill plugs are located on right side of transmission case. If reverse pivot bolt is loosened, return spring may fall into case, causing a 2nd gear rattle.

Check lubricant level at filler plug hole on right side of transmission (left side on Camaro and Firebird 6-speed transmission). Lubricant should be level with bottom of filler plug hole. Add lubricant as necessary to bring to correct level.

All Others

Park vehicle on level surface. Check fluid level when fluid is COLD. Fluid should be at FULL mark on dipstick. See **Fig. 1** . Drain plug is below dipstick tube.



MJ1/MK7 (ISUZU 76MM 5-SPEED)

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Fig. 1: Checking Transaxle Fluid Level (Typical Dipstick Location)
 Courtesy of GENERAL MOTORS CORP.

RECOMMENDED FLUID

Camaro, Firebird and Saturn vehicles use Dexron III transmission fluid. Corvette uses SAE 5W-30 (GM 1052931). Metro and Prizm models use GM Synthetic Manual Transmission Gear Oil (GM 12346190), or equivalent SAE 75W-90 GL4 gear oil. All other models use GM Synchronesh Transmission Fluid (GM 12345349).

FLUID CAPACITY

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Application	(1) Qts. (L)

Camaro & Firebird

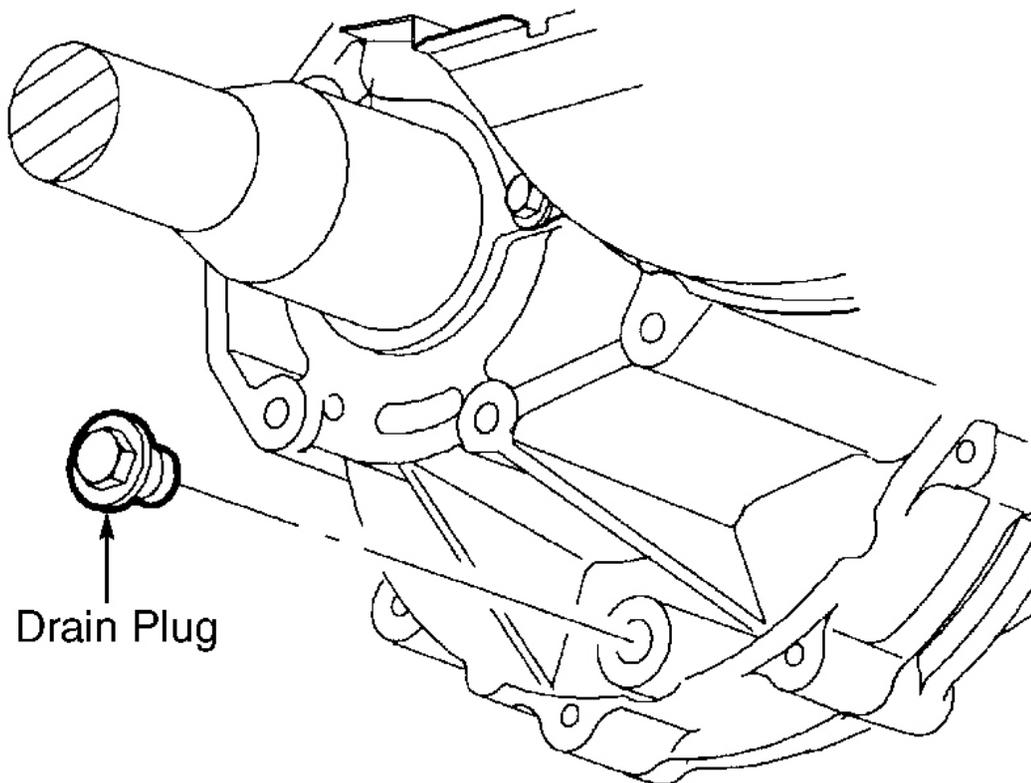
5-Speed	3.4 (3.2)
6-Speed	4.0 (3.8)
Corvette	4.0 (3.8)
Metro	2.5 (2.4)
Saturn	2.6 (2.5)
All Others	2.0 (1.9)

(1) Fluid capacities listed are approximate. Always use procedure specified under **CHECKING FLUID LEVEL** when filling transaxle/transmission.

DRAINING & FILLING

All Models

Raise and support vehicle. Remove drain plug. See **Fig. 2** . Allow fluid to drain for 5 minutes. Install drain plug. Fill transaxle/transmission with proper amount of fluid. See **FLUID CAPACITY** .



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Fig. 2: Locating Oil Drain Plug (Saturn Shown; Others Similar)
Courtesy of GENERAL MOTORS CORP.

TORQUE SPECIFICATIONS

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Application	Ft. Lbs. (N.m)
Drain & Fill Plug	
Camaro, Corvette, Firebird & Metro	13 (18)
Saturn	22 (30)
All Other Models	N/A