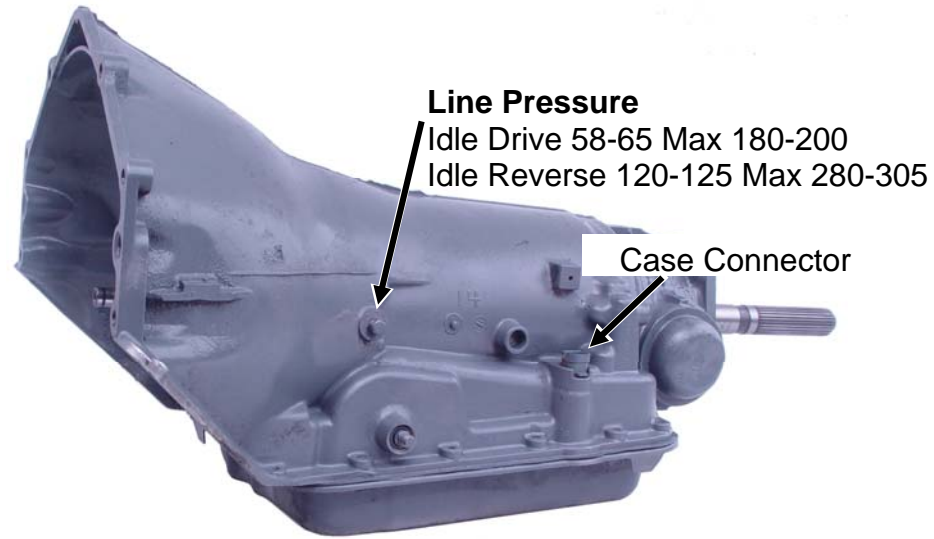
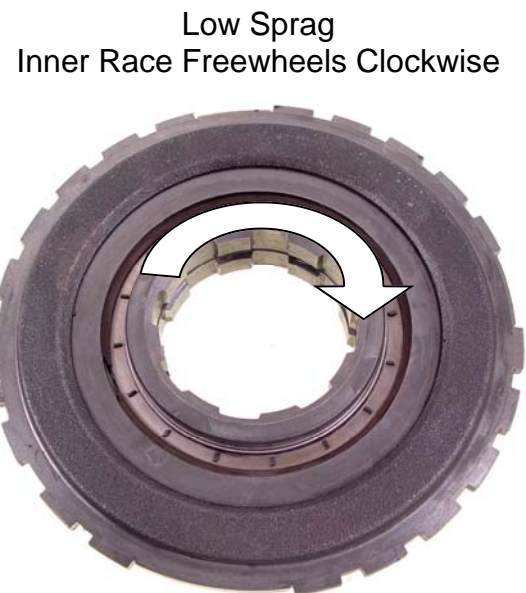
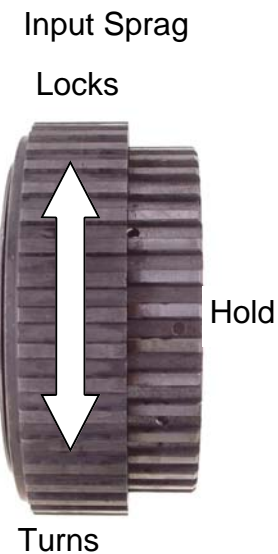
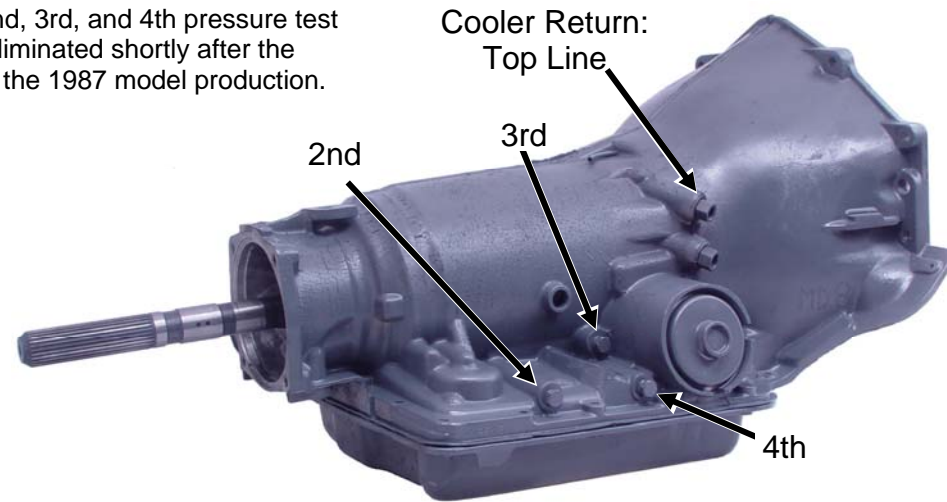


# 4L60 (700-R4)-General Reference Data



Note: The 2nd, 3rd, and 4th pressure test ports were eliminated shortly after the beginning of the 1987 model production.



## Trans Basic Operation:

The 4L60 (700-R4) is a RWD 4 speed unit with TCC. Shift delay, shift feel, and pressure control are all controlled by the TV cable.

Upshift signal is supplied by output shaft driven governor.

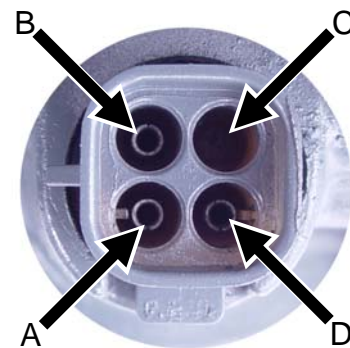
TCC is electrically controlled through use of a solenoid.

Many models also have pressure switches mounted on the valve body that are used for TCC functions and ECM feedback information.

There are many variations of electrical control systems used over the years of production for TCC functions.

Originally named the 700-R4, it was designated the 4L60 with the new ID format.

Case Connector



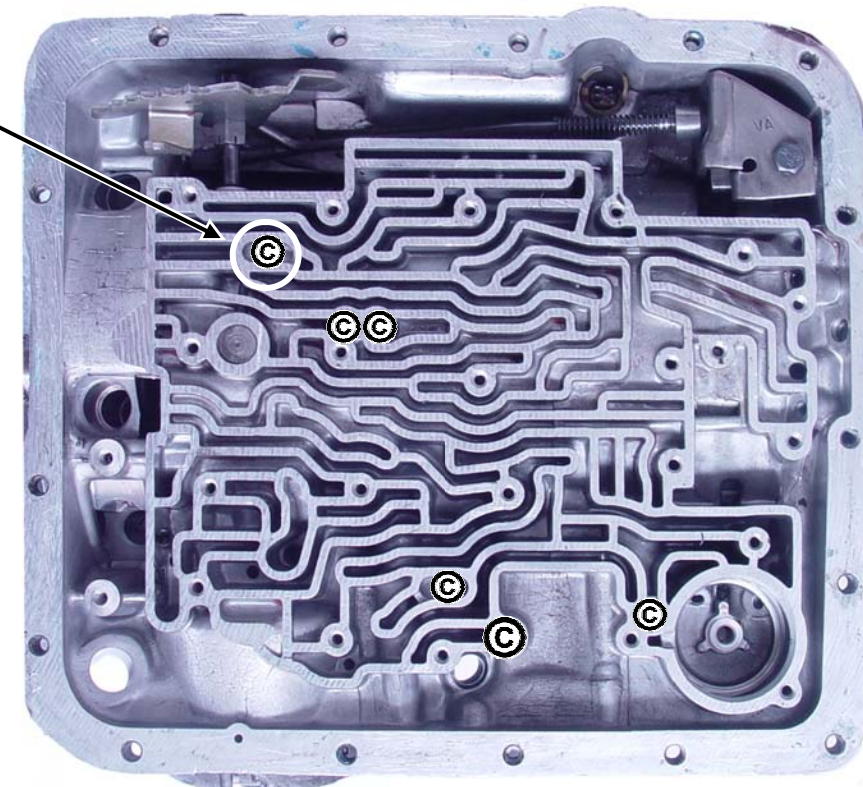
1988 and newer models do not use ball here

Terminal ID	Function
A	12v Supply to TCC Solenoid
B	4th Gear Switch
C	Varies by model
D	Ground for TCC Solenoid (ECM Models)

Clutch & Band Application Chart

	Reverse Input Clutch	2/4 Band	Overrun Clutch	Forward Clutch	Forward Sprag	3-4 Clutch	Low/Reverse Clutch	Low Roller Clutch
<b>Park</b>								
<b>Reverse</b>	Applied						Applied	
<b>Neutral</b>								
<b>Overdrive 1st Speed</b>				Applied	Locked			Locked
<b>Overdrive 2nd Speed</b>		Applied		Applied	Locked			*OR
<b>Overdrive 3rd Speed</b>				Applied	Locked	Applied		*OR
<b>Overdrive 4th Speed</b>		Applied		Applied	*OR	Applied		*OR
<b>Drive 1st Speed</b>			Applied	Applied	Locked			Locked
<b>Drive 2nd Speed</b>		Applied	Applied	Applied	Locked			*OR
<b>Drive 3rd Speed</b>			Applied	Applied	Locked	Applied		*OR
<b>Drive 2 1st Speed</b>			Applied	Applied	Locked			*OR
<b>Drive 2 2nd Speed</b>		Applied	Applied	Applied	Locked			*OR
<b>Manual Low (1)</b>			Applied	Applied	Locked		Applied	Locked

\*OR = Overrunning



Ⓒ=Checkball