

Range Reference

Range	Park	Reverse	Neutral	OD				D			2		1	
				1st	2nd	3rd	4th	1st	2nd	3rd	1st**	2nd	1st	2nd***
1-2 Shift Solenoid	ON*	ON*	ON*	ON	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	ON	OFF
2-3 Shift Solenoid	ON*	ON*	ON*	ON	ON	OFF	OFF	ON	ON	OFF	ON	ON	ON	ON
2-4 Band	—	—	—	—	A	—	A	—	A	—	—	A	—	A
Reverse Input Clutch	—	A	—	—	—	—	—	—	—	—	—	—	—	—
Overrun Clutch	—	—	—	—	—	—	—	—	—	A	A	A	A	A
Forward Clutch	—	—	—	A	A	A	A	A	A	A	A	A	A	A
Forward Sprag Clutch Assembly	—	—	—	H	H	H	—	H	H	H	H	H	H	H
3-4 Clutch	—	—	—	—	—	A	A	—	—	A	—	—	—	—
Lo/Roller Clutch	—	—	—	H	—	—	—	H	—	—	H	—	H	—
Lo/Rev Clutch	A	A	—	—	—	—	—	—	—	—	—	—	A	—

A = Applied H = Holding ON = The solenoid is energized. OFF = The solenoid is de-energized. *Shift Solenoid state is a function of vehicle speed and may change if the vehicle speed increases sufficiently in Park, Reverse or Neutral. However, this does not affect the operation of the transmission. **Manual Second-First gear is electronically prevented under normal operating conditions. ***Manual First-Second gear is only available above approximately 48-56 km/h (30-35 mph).

Shift Solenoid Valve State and Gear Ratio

Gear	1-2 Shift Solenoid	2-3 Shift Solenoid	Gear Ratio
1	ON	ON	3.059:1
2	OFF	ON	1.625:1
3	OFF	OFF	1.000:1
4	ON	OFF	0.696:1

Shift Speed

		1-2 Shift @ +/- 250 RPM Output Shaft Speed			2-3 Shift @ +/- 200 RPM Output Shaft Speed			3-4 Shift @ +/- 150 RPM Output Shaft Speed			3-1 @ +/- 100 RPM Output Shaft Speed	3-2 @ +/- 100 RPM Output Shaft Speed	3-1 Wide Open Throttle Shift	2-3 Wide Open Throttle Shift	MIN TCC Apply @ 12% Throttle (RPM)
% of TPS		12	25	50	12	25	50	12	25	50	—	—	—	—	—
Trans Cal	Axle	—			—			—			—	—	—	—	—
2.2L (LN2)															
A	4.10	683	840	1208	998	1522	2257	1575	2100	3465	N/A	893	1575	5500	1995
4.3L (LF6/L35)															
A	3.08/3.43	566	817	1131	985	1299	2011	1383	1697	2577	N/A	796	1383	5000	1802
B	3.08/3.42/3.73	529	761	1058	909	1206	1882	1290	1586	2390	N/A	740	1290	5000	1671
C	3.42/3.73	521	747	1042	906	1200	1857	1268	1563	2378	N/A	725	1268	5000	1676