AUTOMATIC TRANSMISSION / TRANSAXLE

031J2–02

SERVICE DATA

U151F		
Line pressure (Wheel locked)		
	Engine idling	
	D position	372 to 412 kPa (3.8 to 4.2 kgf·cm^2, 54 to 60 psi)
	R position	672 to 742 kPa (6.9 to 7.6 kgf·cm^2, 97 to 108 psi)
	AT stall (Throttle valve fully opened)	
	D position	931 to 1,031 kPa (9.5 to 10.5 kgf·cm^2, 135 to 150 psi)
	R position	1,768 to 1,968 kPa (18.0 to 20.1 kgf·cm^2, 256 to 285 psi)
Engine stall revolution	D and R positions	2,240 ± 150 rpm
Time lag	N → D position	Less than 1.2 seconds
	N → R position	Less than 1.5 seconds
Engine idle speed		
(A/C OFF)	N position	650 ± 50 rpm
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter runout	Max.	0.30 mm (0.0118 in.)
Differential oil seal drive in depth	LH side	0 ± 0.5 mm (0 ± 0.020 in.)
	RH side	6.0 ± 0.5 mm (0.236 ± 0.020 in.)
Shift schedule (NORMAL)		
D position		
(Throttle valve fully opened)	1 → 2	39 to 48 km/h (24 to 30 mph)
	2 → 3	79 to 90 km/h (49 to 56 mph)
	3 → 4	129 to 147 km/h (80 to 91 mph)
	4 → 5	191 to 213 km/h (119 to 132 mph)
	5 → 4	184 to 205 km/h (114 to 127 mph)
	4 → 3	125 to 142 km/h (78 to 88 mph)
	3 → 2	74 to 84 km/h (46 to 52 mph)
	2 → 1	36 to 43 km/h (22 to 27 mph)
(Throttle valve fully closed)	4 → 5	45 to 53 km/h (28 to 33 mph)
	5 → 4	35 to 42 km/h (22 to 26 mph)
Shift schedule (COLD)		
D position		
(Throttle valve fully opened)	1 → 2	34 to 42 km/h (21 to 26 mph)
	2 → 3	61 to 70 km/h (38 to 43 mph)
	3 → 4	92 to 104 km/h (57 to 65 mph)
	4 → 3	88 to 99 km/h (55 to 62 mph)
	3 → 2	56 to 65 km/h (35 to 40 mph)
	2 → 1	28 to 35 km/h (17 to 22 mph)
Shift schedule (FAILURE)		
D position		
(Throttle valve fully opened)	1 → 3	27 to 35 km/h (17 to 19 mph)
	3 → 4	92 to 104 km/h (57 to 65 mph)
	4 → 3	88 to 99 km/h (55 to 62 mph)
	3 → 1	22 to 28 km/h (14 to 17 mph)
Lock–up point	Throttle valve opening 5 %	
D position		
5th gear	Lock–up ON	80 to 90 km/h (50 to 56 mph)
	Lock–up OFF	79 to 89 km/h (49 to 55 mph)
4th gear	Lock–up ON	98 to 110 km/h (61 to 68 mph)
	Lock–up OFF	95 to 107 km/h (59 to 66 mph)
3th gear	Lock–up ON	64 to 74 km/h (40 to 46 mph)
	Lock–up OFF	61 to 70 km/h (38 to 43 mph)