

AUTOMATIC TRANSMISSION

SERVICE DATA

SS198-01

Line pressure (Wheel locked)	Engine idling D range R range at stall (Throttle valve fully opened) D range R range	392 – 461 kPa (4.0 – 4.7 kgf/cm ² , 57 – 67 psi) 569 – 657 kPa (5.8 – 6.7 kgf/cm ² , 83 – 95 psi) 1,147 – 1,402 kPa (11.7 – 14.3 kgf/cm ² , 166 – 203 psi) 1,530 – 1,882 kPa (15.6 – 19.2 kgf/cm ² , 222 – 273 psi)
Engine stall revolution	D and R ranges	2,500 ± 150 rpm
Engine idle speed (A/C OFF)	N range	750 ± 50 rpm
Time lag	N → D range N → R range	Less than 1.2 seconds Less than 1.5 seconds
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter runout	Max.	0.30 mm (0.0118 in.)
Torque converter installation distance		
Shift schedule		
D range (Throttle valve fully opened)	1 → 2 2 → 3 3 → 4 4 → 3 3 → 2 2 → 1	57 – 64 km/h (35 – 40 mph) 104 – 115 km/h (65 – 71 mph) 156 – 169 km/h (97 – 105 mph) 152 – 166 km/h (94 – 103 mph) 98 – 109 km/h (61 – 68 mph) 43 – 49 km/h (27 – 30 mph)
(Throttle valve fully closed)	3 → 4 4 → 3	42 – 48 km/h (26 – 30 mph) 19 – 23 km/h (12 – 14 mph)
3 range (Throttle valve fully opened)	1 → 2 2 → 3 4 → 3 3 → 2 2 → 1	57 – 64 km/h (35 – 40 mph) 104 – 115 km/h (65 – 71 mph) 163 – 177 km/h (101 – 110 mph) 98 – 109 km/h (61 – 68 mph) 49 – 55 km/h (30 – 34 mph)
(Throttle valve fully closed)	4 → 3	163 – 177 km/h (101 – 110 mph)
2 range (Throttle valve fully opened)	1 → 2 3 → 2 2 → 1	57 – 64 km/h (35 – 40 mph) 106 – 117 km/h (66 – 73 mph) 49 – 55 km/h (30 – 34 mph)
L range (Throttle valve fully opened)	2 → 1	55 – 62 km/h (34 – 39 mph)

SERVICE SPECIFICATIONS - AUTOMATIC TRANSMISSION

Lock up point D or 3 range 3rd gear (3 range only) 4th gear	Throttle valve opening 5 % Lock-up ON Lock-up OFF Lock-up ON Lock-up OFF	 106 – 117 km/h (66 – 73 mph) 100 – 112 km/h (62 – 70 mph) 57 – 64 km/h (35 – 40 mph) 56 – 62 km/h (35 – 39 mph)
Flex lock-up point D or 3 range Throttle valve opening 3 % 3rd gear (Australia only) 4th gear Throttle valve fully closed (A/C OFF) 3 rd gear 4 th gear Throttle valve fully closed (A/C ON) 3rd gear 4th gear	 Lock-up ON Lock-up OFF Lock-up ON Lock-up OFF Lock-up ON Lock-up OFF Lock-up ON Lock-up OFF Lock-up ON Lock-up OFF Lock-up ON Lock-up OFF	 27 – 32 km/h (17 – 20 mph) 25 – 30 km/h (16 – 19 mph) 40 – 45 km/h (25 – 28 mph) 38 – 43 km/h (24 – 27 mph) 84 – 95 km/h (52 – 59 mph) 21 – 36 km/h (13 – 22 mph) 84 – 95 km/h (52 – 59 mph) 29 – 43 km/h (18 – 27 mph) 84 – 95 km/h (52 – 59 mph) 21 – 36 km/h (13 – 22 mph) 84 – 95 km/h (52 – 59 mph) 29 – 47 km/h (18 – 29 mph)