

# AUTOMATIC TRANSMISSION

## SERVICE DATA

SS0C5-13

Line pressure (Wheel locked)	Idling D position R position Stall D position R position	390 - 460 kPa (4.0 - 4.7 kgf-cm <sup>2</sup> , 57 - 67 psi) 0 1,200 - 1,360 kPa (12.2 - 13.8 kgf-cm <sup>2</sup> , 174 - 196 psi) 1,640 - 1,960 kPa (16.7 - 19.8 kgf-cm <sup>2</sup> , 238 - 282 psi)
Engine stall revolution (D position)		2,700 ± 150 rpm
Time lag	N → D position N → R position	Less than 1.2 seconds Less than 1.5 seconds
Engine idle speed (N position and A/C OFF)		700 ± 50 rpm
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter clutch sleeve runout	Max.	0.30 mm (0.0118 in.)
Torque converter clutch installation (Correct distance)		More than 0.1 mm (0.004 in.)
Shift schedule (NORM and PWR mode) Differential gear ratio 3.909 D, 4 position (Throttle valve fully opened)	1 → 2 2 → 3 3 → 4 4 → 5 5 → 4 4 → 3 3 → 2 2 → 1	47 - 59 km/h (29 - 37 mph) 77 - 88 km/h (48 - 55 mph) 118 - 133 km/h (73 - 83 mph) 168 - 185 km/h (104 - 115 mph) 163 - 176 km/h (101 - 109 mph) 107 - 118 km/h (66 - 73 mph) 60 - 66 km/h (37 - 41 mph) 32 - 38 km/h (20 - 24 mph)
(Throttle valve fully closed)	4 → 5 5 → 4	37 - 43 km/h (23 - 27 mph) 21 - 26 km/h (13 - 16 mph)
3 position (Throttle valve fully opened)	1 → 2 2 → 3 4 → 3 3 → 2 2 → 1	47 - 59 km/h (29 - 37 mph) 77 - 87 km/h (48 - 54 mph) 123 - 134 km/h (76 - 83 mph) 60 - 66 km/h (37 - 41 mph) 32 - 38 km/h (20 - 24 mph)
2 position (Throttle valve fully opened)	1 → 2 3 → 2 2 → 1	47 - 59 km/h (29 - 37 mph) 82 - 90 km/h (51 - 56 mph) 32 - 38 km/h (20 - 24 mph)
L position (Throttle valve fully opened)	2 → 1	17 - 22 km/h (11 - 14 mph)

SERVICE SPECIFICATIONS - AUTOMATIC TRANSMISSION

Shift schedule (SNOW mode)		
Differential gear ratio 3.916		
D, 4 position		
(Throttle valve fully opened)	1 → 2	35 - 49 km/h (22 - 30 mph)
	2 → 3	55 - 73 km/h (34 - 45 mph)
	3 → 4	84 - 109 km/h (52 - 68 mph)
	4 → 5	121 - 151 km/h (75 - 94 mph)
	5 → 4	64 - 88 km/h (40 - 55 mph)
	4 → 3	38 - 54 km/h (24 - 34 mph)
	3 → 2	17 - 31 km/h (11 - 19 mph)
(Throttle valve fully closed)	4 → 5	37 - 43 km/h (23 - 27 mph)
	5 → 4	21 - 26 km/h (13 - 16 mph)
3 position		
(Throttle valve fully opened)	1 → 2	35 - 49 km/h (22 - 30 mph)
	2 → 3	55 - 73 km/h (34 - 45 mph)
	4 → 3	123 - 134 km/h (76 - 83 mph)
	3 → 2	17 - 31 km/h (11 - 19 mph)
2 position		
(Throttle valve fully opened)	1 → 2	47 - 59 km/h (29 - 37 mph)
	3 → 2	82 - 90 km/h (51 - 56 mph)
L position		
(Throttle valve fully opened)	2 → 1	17 - 22 km/h (11 - 14 mph)
Lock-up point (Throttle valve opening 5 %)		
5th gear (D position)	Lock-up ON	53 - 59 km/h (33 - 37 mph)
	Lock-up OFF	52 - 58 km/h (32 - 36 mph)
4th gear (4 position)	Lock-up ON	53 - 59 km/h (33 - 37 mph)
	Lock-up OFF	52 - 58 km/h (32 - 36 mph)
Flex lock-up point (Throttle valve opening 3 %)		
D position (When accelerating)		
5th gear	Lock-up ON	37 - 43 km/h (23 - 27 mph)
	Lock-up OFF	36 - 41 km/h (22 - 25 mph)
4th gear	Lock-up ON	28 - 33 km/h (17 - 32 mph)
	Lock-up OFF	27 - 32 km/h (18 - 20 mph)