

AUTOMATIC TRANSMISSION

SERVICE DATA

SS0CS-04

Line pressure (Wheel locked)		
	Idling	
	D range	395 – 455 kPa (4.0 – 4.6 kgf·cm ² , 57 – 65 psi)
	R range	0
	Stall	
	D range	1,200 – 1,360 kPa (12.2 – 13.8 kgf·cm ² , 174 – 196 psi)
	R range	1,655 – 1,960 kPa (16.9 – 19.8 kgf·cm ² , 240 – 282 psi)
Engine stall revolution (D range)		2,700 ± 150 rpm
Time lag	N → D range	Less than 1.2 seconds
	N → R range	Less than 1.5 seconds
Engine idle speed (N range and A/C OFF)		700 ± 50 rpm
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter sleeve runout	Max.	0.30 mm (0.0118 in.)
Torque converter installation (Correct distance)		More than 0.1 mm (0.004 in.)
Extension housing oil seal drive in depth from flat end		2.0 mm (0.079 in.)
Shift schedule (Differential gear ratio 3.916)		
D, 4 range		
(Throttle valve fully opened)	1 → 2	53 – 61 km/h (33 – 38 mph)
	2 → 3	81 – 91 km/h (50 – 57 mph)
	3 → 4	124 – 138 km/h (77 – 86 mph)
	4 → 5	177 – 191 km/h (110 – 119 mph)
	5 → 4	171 – 182 km/h (106 – 113 mph)
	4 → 3	112 – 122 km/h (70 – 76 mph)
	3 → 2	63 – 68 km/h (39 – 42 mph)
	2 → 1	34 – 39 km/h (21 – 24 mph)
	4 → 5	39 – 44 km/h (24 – 27 mph)
	5 → 4	22 – 27 km/h (14 – 17 mph)
(Throttle valve fully closed)		
3 range		
(Throttle valve fully opened)	1 → 2	53 – 61 km/h (33 – 38 mph)
	2 → 3	81 – 91 km/h (50 – 57 mph)
	4 → 3	129 – 139 km/h (80 – 86 mph)
	3 → 2	63 – 68 km/h (39 – 42 mph)
	2 → 1	34 – 39 km/h (21 – 24 mph)
2 range		
(Throttle valve fully opened)	1 → 2	53 – 61 km/h (33 – 38 mph)
	3 → 2	87 – 93 km/h (54 – 58 mph)
	2 → 1	34 – 39 km/h (21 – 24 mph)
L range		
(Throttle valve fully opened)	2 → 1	16 – 21 km/h (10 – 13 mph)
Lock-up point (Differential gear ratio 3.916)		
(Throttle valve opening 5 %)		
5th gear (D range)	Lock-up ON	56 – 61 km/h (35 – 38 mph)
	Lock-up OFF	54 – 60 km/h (34 – 37 mph)
4th gear (4 range)	Lock-up ON	56 – 61 km/h (35 – 38 mph)
	Lock-up OFF	54 – 60 km/h (34 – 37 mph)

SERVICE SPECIFICATIONS – AUTOMATIC TRANSMISSION

Flex lock-up point (Differential gear ratio 3.916)		
(Throttle valve opening 3 %)		
D range (When accelerating)	5th gear	Lock-up ON 39 – 44 km/h (24 – 27 mph)
		Lock-up OFF 38 – 43 km/h (24 – 27 mph)
4th gear		Lock-up ON 30 – 34 km/h (19 – 21 mph)
		Lock-up OFF 28 – 33 km/h (17 – 21 mph)
4 range (When accelerating)	4th gear	Lock-up ON 39 – 44 km/h (24 – 27 mph)
		Lock-up OFF 37 – 42 km/h (23 – 26 mph)
(Throttle valve fully closed)		
D range (When deceleration / A/C ON)	5th gear	Lock-up ON 93 – 102 km/h (58 – 63 mph)
		Lock-up OFF 32 – 53 km/h (20 – 33 mph)
4 range (When deceleration / A/C ON)	4th gear	Lock-up ON 93 – 102 km/h (58 – 63 mph)
		Lock-up OFF 24 – 40 km/h (15 – 25 mph)
D range (When deceleration / A/C OFF)	5th gear	Lock-up ON 93 – 102 km/h (58 – 63 mph)
		Lock-up OFF 32 – 37 km/h (20 – 23 mph)
4 range (When deceleration / A/C OFF)	4th gear	Lock-up OFF 21 – 28 km/h (13 – 17 mph)
Shift schedule (Differential gear ratio 3.615)		
D, 4 range		
(Throttle valve fully opened)	1 → 2	57 – 66 km/h (35 – 41 mph)
	2 → 3	88 – 98 km/h (55 – 61 mph)
	3 → 4	135 – 149 km/h (84 – 93 mph)
	4 → 5	191 – 207 km/h (119 – 129 mph)
	5 → 4	185 – 197 km/h (115 – 122 mph)
	4 → 3	122 – 132 km/h (76 – 82 mph)
	3 → 2	68 – 74 km/h (42 – 46 mph)
	2 → 1	37 – 42 km/h (23 – 26 mph)
	4 → 5	43 – 48 km/h (27 – 30 mph)
	5 → 4	24 – 29 km/h (15 – 18 mph)
(Throttle valve fully closed)		
3 range		
(Throttle valve fully opened)	1 → 2	57 – 66 km/h (35 – 41 mph)
	2 → 3	88 – 98 km/h (55 – 61 mph)
	4 → 3	139 – 151 km/h (86 – 94 mph)
	3 → 2	68 – 74 km/h (42 – 46 mph)
	2 → 1	37 – 42 km/h (23 – 26 mph)
2 range		
(Throttle valve fully opened)	1 → 2	57 – 66 km/h (35 – 41 mph)
	3 → 2	94 – 101 km/h (58 – 63 mph)
	2 → 1	37 – 42 km/h (23 – 26 mph)
L range		
(Throttle valve fully opened)	2 → 1	17 – 22 km/h (11 – 14 mph)

Lock-up point (Differential gear ratio 3.615) (Throttle valve opening 5 %)		
5th gear (D range)	Lock-up ON	61 – 66 km/h (38 – 41 mph)
	Lock-up OFF	59 – 65 km/h (37 – 40 mph)
4th gear (4 range)	Lock-up ON	61 – 66 km/h (38 – 41 mph)
	Lock-up OFF	59 – 65 km/h (37 – 40 mph)
Flex lock-up point (Differential gear ratio 3.615) (Throttle valve opening 3 %)		
D range (When accelerating) 5th gear	Lock-up ON	43 – 48 km/h (27 – 30 mph)
	Lock-up OFF	41 – 46 km/h (25 – 29 mph)
4th gear	Lock-up ON	32 – 37 km/h (20 – 23 mph)
	Lock-up OFF	30 – 36 km/h (19 – 22 mph)
4 range (When accelerating) 4th gear	Lock-up ON	42 – 47 km/h (26 – 29 mph)
	Lock-up OFF	40 – 46 km/h (25 – 29 mph)
(Throttle valve fully closed)		
D range (When deceleration / A/C ON) 5th gear	Lock-up ON	100 – 111 km/h (62 – 69 mph)
	Lock-up OFF	35 – 58 km/h (22 – 36 mph)
4 range (When deceleration / A/C ON) 4th gear	Lock-up ON	100 – 111 km/h (62 – 69 mph)
	Lock-up OFF	26 – 44 km/h (16 – 27 mph)
D range (When deceleration / A/C OFF) 5th gear	Lock-up ON	100 – 111 km/h (62 – 69 mph)
	Lock-up OFF	35 – 40 km/h (22 – 25 mph)
4 range (When deceleration / A/C OFF) 4th gear	Lock-up ON	100 – 111 km/h (62 – 69 mph)
	Lock-up OFF	26 – 31 km/h (16 – 19 mph)