

AUTOMATIC TRANSMISSION (A343F)

SS023-01

SERVICE DATA

Line pressure (Wheel locked)	Engine idling	
	D range	480 – 539 kPa (4.9 – 5.5 kgf/cm ² , 70 – 78 psi)
	R range	696 – 794 kPa (7.1 – 8.1 kgf/cm ² , 101 – 115 psi)
	AT stall (Throttle valve fully opened)	
	D range	1,294 – 1,432 kPa (13.2 – 14.6 kgf/cm ² , 188 – 208 psi)
	R range	1,657 – 1,991 kPa (16.9 – 20.3 kgf/cm ² , 240 – 289 psi)
Engine idle speed		750 ± 50 rpm
Engine stall revolution		D and R ranges
		2,300 ± 150 rpm
Time lag	N → D range	Less than 1.2 seconds
	N → R range	Less than 1.5 seconds
Engine idle speed (A/C OFF)		
N range		750 ± 50 rpm
Speedometer driven gear oil seal drive in depth		25 mm (0.98 in.)
Shift lever grooved pin		13.5 ± 0.3 mm (0.531 ± 0.012 in.)
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter clutch runout	Max.	0.30 mm (0.0118 in.)
Torque converter clutch installation distance		More than 15.7 mm (0.618 in.)
Shift point		
*1 D range (Throttle valve fully opened)	1 → 2	55 – 60 km/h (34 – 37 mph)
	2 → 3	101 – 111 km/h (63 – 69 mph)
	3 → O/D	154 – 165 km/h (96 – 103 mph)
	O/D → 3	147 – 158 km/h (91 – 98 mph)
	3 → 2	94 – 100 km/h (58 – 62 mph)
	2 → 1	43 – 48 km/h (27 – 30 mph)
*1 2 range (Throttle valve fully opened)	3 → 2	112 – 122 km/h (70 – 76 mph)
L range (Throttle valve fully opened)	2 → 1	54 – 63 km/h (34 – 39 mph)
Lock-up point (NORM, 2nd Start Mode)		
(Throttle valve opening 5 %)		
Lock-up ON		61 – 66 km/h (38 – 41 mph)
Lock-up OFF		54 – 59 km/h (34 – 37 mph)
Lock-up point (POWER Mode)		
(Throttle valve opening 5 %)		
Lock-up ON		61 – 66 km/h (38 – 41 mph)
Lock-up OFF		54 – 59 km/h (34 – 37 mph)

*1: there is no 1 → 2 up-shift and 2 → 1 down shift in the 2nd START switch ON.