

AUTOMATIC TRANSMISSION (A43D)

SERVICE DATA

SS05G-01

Governor pressure		
Tire size: P195/75R14	Output shaft rpm (Vehicle speed reference)	
	1,000 rpm (32 km/h, 20 mph)	98 – 157 kPa (1.0 – 1.6 kgf/cm ² , 14 – 23 psi)
	1,800 rpm (57 km/h, 35 mph)	196 – 255 kPa (2.0 – 2.6 kgf/cm ² , 28 – 37 psi)
Tire size: P21570R14	Output shaft rpm (Vehicle speed reference)	
	1,000 rpm (32 km/h, 20 mph)	98 – 157 kPa (1.0 – 1.6 kgf/cm ² , 14 – 23 psi)
	1,800 rpm (58 km/h, 36 mph)	196 – 255 kPa (2.0 – 2.6 kgf/cm ² , 28 – 37 psi)
	3,500 rpm (111 km/h, 69 mph)	500 – 618 kPa (5.1 – 6.3 kgf/cm ² , 73 – 90 psi)
	3,500 rpm (113 km/h, 70 mph)	500 – 618 kPa (5.1 – 6.3 kgf/cm ² , 73 – 90 psi)
Line pressure (Wheel locked)		
Engine idling	D position	441 – 500 kPa (4.5 – 5.1 kgf/cm ² , 64 – 73 psi)
	R position	667 – 745 kPa (6.8 – 7.6 kgf/cm ² , 97 – 108 psi)
A/T stall (Throttle valve fully opened)	D position	990 – 1,167 kPa (10.1 – 11.9 kgf/cm ² , 144 – 169 psi)
	R position	1,471 – 1,863 kPa (15.0 – 19.0 kgf/cm ² , 213 – 270 psi)
Engine stall revolution	D and R position	1,850 ± 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	700 ± 50 rpm
Throttle cable adjustment (Throttle valve fully opened)		
Between boot and face and inner cable stopper		0 – 1 mm (0 – 0.04 in.)
Drive plate runout	Maximum	0.20 mm (0.0079 in.)
Torque converter clutch sleeve runout	Maximum	0.30 mm (0.0118 in.)
Torque converter clutch installation distance		More than 31.75 mm (1.2500 in.)
Shift point		
D position (Throttle valve fully opened)	1 → 2	55 – 69 km/h (34 – 43 mph)
	2 → 3	101 – 116 km/h (63 – 72 mph)
	O/D → 3	*
	3 → 2	96 – 111 km/h (60 – 69 mph)
	2 → 1	44 – 57 km/h (27 – 35 mph)
	3 → O/D	43 – 55 km/h (27 – 34 mph)
(Throttle valve fully closed)		
L position (Throttle valve fully opened)	2 → 1	47 – 64 km/h (29 – 40 mph)

* O/D → 3 down-shift is possible up to maximum speed.