

# AUTOMATIC TRANSMISSION (2JZ-GE)

SSOCY-05

## SERVICE DATA

Line pressure (Wheel locked)	Engine idling	
	D position	392 – 451 kPa (4.0 – 4.6 kgf/cm <sup>2</sup> , 57 – 65 psi)
	R position	618 – 716 kPa (6.3 – 7.3 kgf/cm <sup>2</sup> , 90 – 104 psi)
	AT stall (Throttle valve fully opened)	
	D position	1,187 – 1,323 kPa (12.1 – 13.5 kgf/cm <sup>2</sup> , 172 – 192 psi)
	R position	1,638 – 1,971 kPa (16.7 – 20.1 kgf/cm <sup>2</sup> , 238 – 286 psi)
Engine stall revolution	D and R positions	2,700 ± 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
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		Less than 0.1 mm (0.004 in.)
Shift schedule	D position	
	(Throttle valve fully opened)	
	1 → 2	56 – 64 km/h (35 – 40 mph)
	2 → 3	108 – 117 km/h (67 – 73 mph)
	3 → O/D	167 – 178 km/h (104 – 111 mph)
	O/D → 3	161 – 169 km/h (100 – 105 mph)
	3 → 2	100 – 107 km/h (62 – 66 mph)
	2 → 1	43 – 48 km/h (27 – 30 mph)
	(Throttle valve fully closed)	
	3 → O/D	36 – 40 km/h (22 – 25 mph)
	O/D → 3	17 – 23 km/h (11 – 14 mph)
	2 position	
	(Throttle valve fully opened)	
	1 → 2	56 – 64 km/h (35 – 40 mph)
	*3 → 2	128 – 135 km/h (80 – 84 mph)
	2 → 1	43 – 48 km/h (27 – 30 mph)
	L position	
	(Throttle valve fully opened)	
	*2 → 1	56 – 61 km/h (35 – 38 mph)
Lock-up point	Throttle valve opening 5 %	
3rd gear (O/D main switch OFF)	Lock-up ON	56 – 61 km/h (35 – 38 mph)
	Lock-up OFF	54 – 60 km/h (34 – 37 mph)
O/D gear	Lock-up ON	54 – 60 km/h (34 – 37 mph)
	Lock-up OFF	53 – 58 km/h (33 – 36 mph)

\*: Shift point is the same when the throttle valve is closed as when the throttle valve is opened.