

# AUTOMATIC TRANSMISSION / TRANSAXLE

## SERVICE DATA

0317P-01

Line pressure (Wheel locked)	Engine idling	
	D position	385 - 445 kPa (3.9 - 4.5 kgf/cm <sup>2</sup> , 55 - 64 psi)
	R position	596 - 696 kPa (6.1 - 7.1 kgf/cm <sup>2</sup> , 87 - 101 psi)
	at stall (Throttle valve fully opened)	
	D position	1,197 - 1,337 kPa (12.2 - 13.6 kgf/cm <sup>2</sup> , 174 - 193 psi)
	R position	1,600 - 1,940 kPa (16.3 - 19.8 kgf/cm <sup>2</sup> , 232 - 282 psi)
Engine stall revolution (D and R positions)		2,350 ± 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 and N position)		700 ± 50 rpm
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter runout	Max.	0.30 mm (0.0118 in.)
Torque converter installation distance		More than 17.1 mm (0.673 in.)
Lock-up point D position (A340E) (Throttle valve opening 5%)	Lock-up ON	73 - 82 km/h (45 - 51 mph)
	Lock-up OFF	66 - 75 km/h (41 - 47 mph)
	Lock-up ON	73 - 82 km/h (45 - 51 mph)
	Lock-up OFF	66 - 75 km/h (41 - 47 mph)
Shift point (A340E) D position (Throttle valve fully opened)	1 → 2	63 - 72 km/h (39 - 45 mph)
	2 → 3	115 - 129 km/h (71 - 80 mph)
	3 → O/D	170 - 187 km/h (105 - 116 mph)
	O/D → 3	162 - 178 km/h (100 - 110 mph)
	3 → 2	104 - 118 km/h (64 - 73 mph)
	2 → 1	44 - 50 km/h (27 - 31 mph)
	3 → O/D	35 - 41 km/h (22 - 25 mph)
	O/D → 3	30 - 37 km/h (19 - 23 mph)
	1 → 2	63 - 72 km/h (39 - 45 mph)
	3 → 2	119 - 134 km/h (74 - 83 mph)
	2 → 1	44 - 50 km/h (27 - 31 mph)
	2 → 1	57 - 66 km/h (35 - 41 mph)
(Throttle valve fully closed)		
2 position (Throttle valve fully opened)		
L position (Throttle valve fully opened)		

(A340F)		
D position		
(Throttle valve fully opened)	1 → 2	63 - 72 km/h (39 - 45 mph)
	2 → 3	115 - 129 km/h (71 - 80 mph)
	3 → O/D	170 - 187 km/h (105 - 116 mph)
	O/D → 3	162 - 178 km/h (100 - 110 mph)
	3 → 2	104 - 118 km/h (64 - 73 mph)
	2 → 1	44 - 50 km/h (27 - 31 mph)
(Throttle valve fully closed)	3 → O/D	33 - 41 km/h (20 - 25 mph)
	O/D → 3	30 - 37 km/h (19 - 23 mph)
2 position		
(Throttle valve fully opened)	1 → 2	63 - 72 km/h (39 - 45 mph)
	3 → 2	119 - 134 km/h (74 - 83 mph)
	2 → 1	44 - 50 km/h (27 - 31 mph)
L position		
(Throttle valve fully opened)	2 → 1	57 - 66 km/h (35 - 41 mph)