

AUTOMATIC TRANSMISSION

SERVICE DATA

SS01M-03

(A340E)		
Line pressure (wheel locked)	Engine idling	
	D position	382 - 441 kPa (3.9 - 4.5 kgf/cm ² , 55 - 64 psi)
	R position	598 - 696 kPa (6.1 - 7.1 kgf/cm ² , 87 - 101 psi)
	AT stall (Throttle valve fully opened)	
	D position	1,196 - 1,334 kPa (12.2 - 13.6 kgf/cm ² , 174 - 193 psi)
	R position	1,598 - 1,942 kPa (16.3 - 19.8 kgf/cm ² , 232 - 282 psi)
Engine stall revolution	D and R positions	2,250 ± 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		More than 17.95 mm (More than 0.7067 in.)
Shift point		
D position		
(Throttle valve fully opened)	1→2	59 - 67 km/h (37 - 42 mph)
	2→3	112 - 122 km/h (70 - 76 mph)
	3→O/D	151 - 159 km/h (94 - 99 mph)
	O/D→3	144 - 152 km/h (89 - 94 mph)
	3→2	103 - 113 km/h (64 - 70 mph)
	2→1	47 - 54 km/h (29 - 34 mph)
(Throttle valve fully closed)	3→O/D	44 - 48 km/h (27 - 30 mph)
	O/D→3	23 - 28 km/h (14 - 17 mph)
2 position		
(Throttle valve fully opened)	1→2	59 - 67 km/h (37 - 42 mph)
	3→2	119 - 127 km/h (74 - 79 mph)
	2→1	47 - 54 km/h (29 - 34 mph)
L position		
(Throttle valve fully opened)	2→1	58 - 62 km/h (36 - 39 mph)
Lock-up point	(Throttle valve opening 5%)	
O/D gear (NORM and PWR)	Lock-up ON	75 - 80 km/h (47 - 50 mph)
	Lock-up OFF	68 - 73 km/h (42 - 45 mph)
(A340F)		
Line pressure (wheel locked)	Engine idling	
	D position	382 - 441 kPa (3.9 - 4.5 kgf/cm ² , 55 - 64 psi)
	R position	598 - 696 kPa (6.1 - 7.1 kgf/cm ² , 87 - 101 psi)
	AT stall (Throttle valve fully opened)	
	D position	1,196 - 1,334 kPa (12.2 - 13.6 kgf/cm ² , 174 - 193 psi)
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Engine stall revolution	D and R positions	2,250 ± 150 rpm
Time lag	N → D position	Less than 1.2 seconds
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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		More than 17.95 mm (More than 0.7067 in.)

Shift point		
D position		
(Throttle valve fully opened)	1→2	57 - 65 km/h (35 - 40 mph)
	2→3	107 - 120 km/h (66 - 75 mph)
	3→O/D	144 - 156 km/h (89 - 97 mph)
	O/D→3	137 - 149 km/h (85 - 93 mph)
	3→2	98 - 111 km/h (61 - 69 mph)
	2→1	45 - 53 km/h (28 - 33 mph)
(Throttle valve fully closed)	3→O/D	41 - 47 km/h (25 - 29 mph)
	O/D→3	22 - 27 km/h (14 - 17 mph)
2 position		
(Throttle valve fully opened)	1→2	57 - 65 km/h (35 - 40 mph)
	3→2	114 - 125 km/h (71 - 78 mph)
	2→1	45 - 53 km/h (28 - 33 mph)
L position		
(Throttle valve fully opened)	2→1	55 - 61 km/h (34 - 38 mph)
Lock-up point	(Throttle valve opening 5%)	
O/D gear (NORM and PWR)	Lock-up ON	72 - 78 km/h (45 - 48 mph)
	Lock-up OFF	65 - 71 km/h (40 - 44 mph)