AUTOMATIC TRANSMISSION (A340E)

SS0BO–05

SERVICE DATA

Line pressure (Wheel locked)		
	Engine idling	
	D range	383 – 441 kPa (3.9 – 4.5 kgf/cm^2, 55 – 64 psi)
	R range	735 – 834 kPa (7.5 – 8.5 kgf/cm^2, 107 – 121 psi)
	AT stall (Throttle valve fully opened)	
	D range	932 – 1,069 kPa (9.5 – 10.9 kgf/cm^2, 135 – 155 psi)
	R range	1,334 – 1,667 kPa (13.6 – 17.0 kgf/cm^2, 193 – 242 psi)
Engine stall revolution	D and R ranges	2,200 ± 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	700 ± 50 rpm
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter runout	Max.	0.30 mm (0.0118 in.)
Differential oil seal drive in depth	LH side	5.3 ± 0.5 mm (0.209 ± 0.020 in.)
	RH side	3.1 ± 0.5 mm (0.122 ± 0.020 in.)
Shift point		
D range		
(Throttle valve fully opened)	1 → 2	41 – 49 km/h (25 – 30 mph)
	2 → 3	73 – 84 km/h (45 – 52 mph)
	3 → O/D	112 – 129 km/h (70 – 80 mph)
	O/D → 3	105 – 122 km/h (65 – 76 mph)
	3 → 2	66 – 76 km/h (41 – 47 mph)
	2 → 1	32 – 39 km/h (20 – 24 mph)
(Throttle valve fully closed)	3 → O/D	43 – 51 km/h (27 – 32 mph)
	O/D → 3	35 – 42 km/h (22 – 26 mph)
2 range		
(Throttle valve fully opened)	1 → 2	41 – 49 km/h (25 – 30 mph)
	3 → 2	84 – 95 km/h (52 – 59 mph)
	2 → 1	32 – 39 km/h (20 – 24 mph)
L range		
(Throttle valve fully opened)	2 → 1	49 – 58 km/h (30 – 36 mph)
Lock–up point	(Throttle valve opening 5 %)	
O/D gear	Lock–up ON	72 – 82 km/h (45 – 51 mph)
	Lock–up OFF	66 – 76 km/h (41 – 47 mph)