

# A750E AUTOMATIC TRANSMISSION

## SERVICE DATA

Line pressure (Wheel locked)		
Engine idling	D position	363 to 423 kPa (3.7 to 4.3 kgf/cm <sup>2</sup> , 53 to 61 psi)
	R position	484 to 564 kPa (4.9 to 5.8 kgf/cm <sup>2</sup> , 70 to 82 psi)
AT stall (Throttle valve fully opened)	D position	1,282 to 1,381 kPa (13.0 to 14.0 kgf/cm <sup>2</sup> , 186 to 200 psi)
	R position	1,218 to 1,338 kPa (12.0 to 14.0 kgf/cm <sup>2</sup> , 177 to 194 psi)
Engine stall revolution	D and R positions	2,250 to 2,550 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	650 to 750 rpm
Drive plate runout	Max	0.20 mm (0.0079 in.)
Torque converter runout	Max	0.30 mm (0.0118 in.)
Torque converter clutch installation distance	-	More than 17.1 mm (0.673 in.)
Shift schedule		
D position (Throttle valve fully opened)	1 → 2	49 to 61 km/h (30 to 38 mph)
	2 → 3	96 to 107 km/h (59 to 66 mph)
	3 → 4	139 to 155 km/h (86 to 96 mph)
	4 → 5	177 to 190 km/h (110 to 118 mph)
	5 → 4	183 to 170 km/h (113 to 105 mph)
	4 → 3	135 to 124 km/h (84 to 77 mph)
	3 → 2	90 to 83 km/h (56 to 51 mph)
	2 → 1	44 to 38 km/h (27 to 24 mph)
D position (Throttle valve fully closed)	4 → 5	46 to 52 km/h (28 to 32 mph)
	5 → 4	27 to 33 km/h (17 to 20 mph)
4 position (Throttle valve fully opened)	1 → 2	49 to 61 km/h (30 to 38 mph)
	2 → 3	96 to 107 km/h (59 to 66 mph)
	3 → 4	139 to 155 km/h (86 to 96 mph)
	5 → 4	190 to 203 km/h (117 to 125 mph)
	4 → 3	124 to 135 km/h (77 to 84 mph)
	3 → 2	90 to 83 km/h (56 to 51 mph)
	2 → 1	44 to 38 km/h (27 to 24 mph)
3 position (Throttle valve fully opened)	1 → 2	49 to 61 km/h (30 to 38 mph)
	2 → 3	96 to 107 km/h (59 to 66 mph)
	4 → 3	133 to 145 km/h (82 to 90 mph)
	3 → 2	90 to 83 km/h (56 to 51 mph)
	2 → 1	44 to 38 km/h (27 to 24 mph)
2 position (Throttle valve fully opened)	1 → 2	49 to 61 km/h (30 to 38 mph)
	3 → 2	99 to 88 km/h (61 to 54 mph)
	2 → 1	44 to 38 km/h (27 to 24 mph)
L position (Throttle valve fully opened)	2 → 1	48 to 42 km/h (30 to 26 mph)
Lock-up point		

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D position (Throttle valve opening 5 %)	5th gear (Lock-up ON)	57 to 63 km/h (35 to 39 mph)
	5th gear (Lock-up OFF)	56 to 49 km/h (35 to 30 mph)
4 position (Throttle valve opening 5 %)	4th gear (Lock-up ON)	59 to 53 km/h (37 to 33 mph)
	4th gear (Lock-up OFF)	46 to 52 km/h (28 to 32 mph)