

# AUTOMATIC TRANSMISSION / TRANSAXLE

030A9-01

## SERVICE DATA

U241E (Europe RHD, General)		
Line pressure (Wheel locked)	Engine idling D range R range AT stall (Throttle valve fully opened) D range R range	373 – 412 kPa (3.8 – 4.2 kgf·cm <sup>2</sup> , 54 – 60 psi) 932 – 1,000 kPa (9.5 – 10.5 kgf·cm <sup>2</sup> , 135 – 149 psi) 931 – 1,031 kPa (9.5 – 10.5 kgf·cm <sup>2</sup> , 135 – 150 psi) 1,768 – 1,968 kPa (18.0 – 20.0 kgf·cm <sup>2</sup> , 256 – 285 psi)
Engine stall revolution	D and R range	2,470 ± 150 rpm
Time lag	N → D range N → R range	Less than 1.2 seconds Less than 1.5 seconds
Engine idle speed (A/C OFF)	N range	650 ± 50 rpm
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter clutch runout	Max.	0.30 mm (0.0118 in.)
Differential oil seal drive in depth	LH side RH side	0 ± 0.5 mm (0 0.020 in.) 0 ± 0.5 mm (0 0.020 in.)
Shift schedule		
D range		
(Throttle valve fully opened)	1 → 2 2 → 3 3 → 4 4 → 3 3 → 2 2 → 1	53 – 60 km/h (33 – 37 mph) 99 – 106 km/h (62 – 66 mph) 150 – 162 km/h (93 – 101 mph) 142 – 155 km/h (88 – 96 mph) 91 – 98 km/h (57 – 61 mph) 42 – 48 km/h (26 – 30 mph)
(Throttle valve fully closed)	3 → 4 4 → 3	39 – 45 km/h (24 – 28 mph) 15 – 21 km/h (9 – 13 mph)
2 range		
(Throttle valve fully opened)	1 → 2 3 → 2 2 → 1	53 – 60 km/h (33 – 37 mph) 99 – 106 km/h (62 – 66 mph) 42 – 48 km/h (26 – 30 mph)
L range		
(Throttle valve fully opened)	3 → 2 2 → 1	99 – 106 km/h (62 – 66 mph) 46 – 52 km/h (29 – 32 mph)
Lock-up point	Throttle valve opening 5 %	
O/D gear	Lock-up ON Lock-up OFF	57 – 64 km/h (35 – 40 mph) 56 – 62 km/h (35 – 39 mph)
U241E (Europe LHD)		
Line pressure (Wheel locked)	Engine idling D range R range AT stall (Throttle valve fully opened) D range R range	373 – 412 kPa (3.8 – 4.2 kgf·cm <sup>2</sup> , 54 – 60 psi) 932 – 1,000 kPa (9.5 – 10.5 kgf·cm <sup>2</sup> , 135 – 149 psi) 931 – 1,031 kPa (9.5 – 10.5 kgf·cm <sup>2</sup> , 135 – 150 psi) 1,768 – 1,968 kPa (18.0 – 20.0 kgf·cm <sup>2</sup> , 256 – 285 psi)
Engine stall revolution	D and R range	2,470 ± 150 rpm
Time lag	N → D range N → R range	Less than 1.2 seconds Less than 1.5 seconds
Engine idle speed (A/C OFF)	N range	650 ± 50 rpm
Drive plate runout	Max.	0.20 mm (0.0079 in.)
Torque converter clutch runout	Max.	0.30 mm (0.0118 in.)
Differential oil seal drive in depth	LH side RH side	0 ± 0.5 mm (0 0.020 in.) 0 ± 0.5 mm (0 0.020 in.)

Shift schedule		
D range		
(Throttle valve fully opened)	1 → 2	53 – 60 km/h (33 – 37 mph)
	2 → 3	99 – 106 km/h (62 – 66 mph)
	3 → 4	150 – 162 km/h (93 – 101 mph)
	4 → 3	127 – 138 km/h (79 – 86 mph)
	3 → 2	69 – 75 km/h (43 – 47 mph)
	2 → 1	7 – 12 km/h (4 – 7 mph)
(Throttle valve fully closed)	3 → 4	39 – 45 km/h (24 – 28 mph)
	4 → 3	15 – 21 km/h (9 – 13 mph)
2 range		
(Throttle valve fully opened)	1 → 2	53 – 60 km/h (33 – 37 mph)
	3 → 2	99 – 106 km/h (62 – 66 mph)
	2 → 1	7 – 12 km/h (4 – 7 mph)
L range		
(Throttle valve fully opened)	3 → 2	99 – 106 km/h (62 – 66 mph)
	2 → 1	46 – 52 km/h (29 – 32 mph)
Shift schedule(When kick down switch turns ON)		
D range		
(Throttle valve fully opened)	1 → 2	53 – 60 km/h (33 – 37 mph)
	2 → 3	99 – 106 km/h (62 – 66 mph)
	3 → 4	150 – 162 km/h (93 – 101 mph)
	4 → 3	142 – 155 km/h (88 – 96 mph)
	3 → 2	91 – 98 km/h (57 – 61 mph)
	2 → 1	42 – 48 km/h (26 – 30 mph)
2 range		
(Throttle valve fully opened)	1 → 2	53 – 60 km/h (33 – 37 mph)
	3 → 2	99 – 106 km/h (62 – 66 mph)
	2 → 1	42 – 48 km/h (26 – 30 mph)
Lock-up point		
Throttle valve opening 5 %		
O/D gear		
	Lock-up ON	57 – 64 km/h (35 – 40 mph)
	Lock-up OFF	56 – 62 km/h (35 – 39 mph)