

SERVICE SPECIFICATIONS

SERVICE DATA

AX07M-01

Line pressure									
Engine idling		D range	373 - 422 kPa	3.8 - 4.3 kgf/cm²	54 - 61 psi				
		R range	637 - 794 kPa	6.5 - 8.1 kgf/cm²	92 - 115 psi				
At Stall (Throttle valve fully opened)		D range	716 - 863 kPa	7.3 - 8.8 kgf/cm²	104 - 125 psi				
		R range	1,334 - 1,579 kPa	13.6 - 16.1 kgf/cm²	193 - 229 psi				
Engine stall revolution			2,650 ± 150 rpm						
Time lag	N range → D range		Less than 1.2 seconds						
	N range → R range		Less than 1.5 seconds						
Engine idling speed (A/C OFF)		N range	700 ± 150 rpm						
Throttle cable adjustment			Between boot end face and inner cable stopper						
Throttle valve fully opened			0 - 1 mm		0 - 0.04 in.				
Torque converter sleeve runout		Limit	0.30 mm		0.0118 in.				
Torque converter installation distance			28.0 mm		1.024 in.				
Drive plate runout		Limit	0.20 mm		0.0079 in.				
Shift point km/h (mph)		Throttle valve fully open []Fully closed							
		1-2	2-3	3 → O/D	[3-O/D]	[O/D-31	O/D-3	3-2	2 → 1
		53 - 59 (33 - 37)	98 - 109 (61 - 68)	131 - 143 (81 - 89)	44 - 50 (27 - 31)	18 - 23 (11 - 14)	125 - 137 (78 - 85)	93 - 104 (58 - 65)	42 - 48 (26 - 30)
		53 - 59 (33 - 37)	-	-	-	-	-	-	42 - 49 (26 - 30)
								47 - 53 (29 - 33)	
Lock-up point km/h (mph)		Throttle valve opening 596							
		Lock-up ON				Lock-up OFF			
		O/D				O/D			
		64 - 71 (40 - 44)							59 - 65 (37 - 40)

TORQUE SPECIFICATIONS

Part tightened	N-m	kgf-cm	ft-lbf
Engine mount bracket x Transmission case	52	530	38
Oil pan drain plug	17	175	13
Transaxle x Engine	12 mm bolt	64	47
	10 mm bolt	46	34
Rear end plate set bolt	9	95	82 in.·lbf
Stiffener plate x Engine	37	380	27
Stiffener plate x Transaxle	37	380	27
Engine LH mounting set bolt	64	650	47
Suspension crossmember x Body	113	1,150	83
Suspension arm x Rear axle hub	103	1,050	76
Lower arm x Suspension crossmember	132	1,350	98
Engine rear mounting x Transaxle	77	790	57
Engine rear mounting x Crossmember	64	650	47
Engine rear mounting through bolt	87	890	64
Engine front mounting x Transaxle	77	790	57
Engine front mounting x Transaxle	77	790	57
Engine front mounting x Body	73	740	54
Engine front mounting through bolt	96	980	71
Front exhaust pipe x Tail pipe	62	630	46
Front exhaust pipe x Exhaust manifold	62	630	46
Transaxle x Starter	39	400	29
LH engine mounting x Body	73	740	54
LH engine mounting stay x Transaxle	25	250	18
PARK NEUTRAL switch x Transaxle case	5.4	55	48 in.·lbf
Valve body x Transaxle case	10	100	7
Manual detent spring x Valve body	10	100	7
Kick-down pressure switch x Valve body	6.4	65	48 in.·lbf
Oil tube bracket x Valve body	10	100	7
Apply tube bracket x Valve body	10	100	7
Vehicle speed pulse generator retaining plate	5.4	55	48 in.·lbf
Sensor cover bracket	5.4	55	48 in.·lbf
Oil pan x Transaxle case	4.9	50	43 in.·lbf
Torque converter x Drive plate	27	280	20
Drive plate x Crankshaft	88	900	65