

SERVICE SPECIFICATIONS

AT0A1-02

SERVICE DATA

Line pressure (wheel locked)	Engine idling	461 –520 kPa	4.7 – 5.3 kgf/cm ²	68–77 psi
	D position	657–843 kPa	6.7 – 8.6 kgf/cm ²	97–125 psi
	R position			
	AT stall			
	D position	971 –1,255 kPa	9.9 –12.5 kgf/cm ²	144–181 psi
	R position	1,618–1,853 kPa	16.5 –18.9 kgf/cm ²	235–274 psi
Engine stall revolution		2,150±150 rpm		
Time lag	N position – D position	Less than 0.7 seconds		
	N position – R position	Less than 1.2 seconds		
Engine idle speed (Cooling fan and A/C OFF) N position		650 rpm		
Torque converter clutch		15.7 mm (0.618 in.) or more		
Torque converter clutch runout		0.30 mm		0.0118 in.
Drive plate runout		0.20 mm		0.0079 in.
Throttle cable adjustment Throttle cable fully closed		Between boot end and inner cable stopper 0–1 mm 0.04 in. 32–34 mm 1.26–1.34 in.		
Throttle cable fully opened				

AUTOMATIC SHIFT SCHEDULE

km/h (mph)

Throttle valve opening		100%					100%		
Gear position		1 – 2	2 – Y 3	3 – O/D	Lock-up ON	Lock-up OFF	O/D– 3	3 – 2	2 – 1
D position	Normal mode	52–58 (32–36)	106–117 (66–73)	152–163 (94–101)	60–66 (37–41)	55–60 (34–37)	145–156 (90–97)	98–104 (61–65)	42–47 (26–29)
	Power mode	52–58 (32–36)	106–117 (66–73)	152–163 (94–101)	88–94 (55–58)	68–74 (42–46)	145–156 (90–97)	98–104 (61–65)	42–47 (26–29)
2 position	Normal mode	52–58 (32–36)	—	—	—	—	—	116–127 (72–79)	—
L position	Power mode	—	—	—	—	—	—	—	—
	Normal mode	—	—	—	—	—	—	—	59–65 (37–40)

V01873

TORQUE SPECIFICATION

AT0A2-01

Part tightened	N-m	kgf-cm	ft-lbf
Engine x Transmission 14 mm (0.55 in.) head bolt	37	380	27
Engine x Transmission 17 mm (0.67 in.) head bolt	72	730	53
Torque converter clutch x Drive plate	55	550	40
Frame crossmember set bolt	61	620	45
Frame crossmember set nut	59	600	43
Oil cooler pipe union nut	34	350	25
Oil cooler pipe tube clamp x Transmission	10	100	7
Front differential x Front propeller shaft	74	750	54
Transfer x Front propeller shaft	74	750	54
Transfer x Rear propeller shaft	88	900	65
Rear differential x Rear propeller shaft	88	900	65
Crank shaft x Drive plate	100	1,000	72
Engine under cover x Frame	28	290	21
Transfer shift lever x Transmission	18	185	13
Oil pan set bolt	6.9	70	61 in.-lbf
Drain plug	27	280	20
Valve body x Transmission case	10	100	7
Transfer under cover x Frame	28	290	21