

AUTOMATIC TRANSMISSION

Specifications

Line pressure (wheel locked)										
Engine idling	D range	3.7 – 4.3 kg/cm ²	53 – 61 psi	363 – 422 kPa						
	R range	5.1 – 6.1 kg/cm ²	73 – 87 psi	500 – 598 kPa						
At stall (Throttle valve fully opened)	D range	9.5 – 12.0 kg/cm ²	135 – 171 psi	932 – 1,177 kPa						
	R range	13.2 – 16.7 kg/cm ²	188 – 238 psi	1,294 – 1,638 kPa						
Engine stall revolution		2,200 ± 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 rpm								
Throttle cable adjustment										
Throttle valve fully closed		Between boot end face and inner cable stopper								
		0 – 1 mm	0 – 0.04 in.							
Torque converter installing										
Drive plate runout	Limit	0.20 mm	0.0079 in.							
Torque converter sleeve runout	Limit	0.30 mm	0.0118 in.							
Shift point km/h (mph)			Throttle valve fully open [] Fully closed							
			1→2	2→3	3→O/D	[3→O/D]	[O/D→3]	O/D→3	3→2	2→1
	D range	NORM	53–58 (33–36)	101–110 (63–68)	159–169 (99–105)	37–42 (23–26)	21–26 (13–16)	153–163 (95–101)	92–101 (57–63)	42–46 (26–29)
		PWR	57–62 (35–38)	110–117 (68–73)	173–183 (108–114)	44–49 (27–30)	21–26 (13–16)	167–178 (104–111)	101–110 (63–68)	46–51 (29–32)
	2 range	NORM	53–58 (33–36)	112–121 (70–75)	–	–	–	–	101–110 (63–68)	42–46 (26–29)
		PWR	–	–	–	–	–	–	–	–
	L range	NORM	–	–	–	–	–	–	–	50–55 (31–34)
		PWR	–	–	–	–	–	–	–	–
Lock-up point km/h (mph)			Throttle valve opening 5%							
			Lock-up ON			Lock-up OFF				
			2nd	*3rd	O/D	2nd	*3rd	O/D		
	D range	NORM	–	79 – 84 (49 – 52)	62 – 66 (39 – 41)	–	73 – 79 (45 – 49)	59 – 63 (37 – 39)		
		PWR	–	79 – 84 (49 – 52)	68 – 71 (42 – 44)	–	73 – 79 (45 – 49)	62 – 66 (39 – 41)		
			* : O/D switch OFF							

Torque Specifications

Part tightened	kg-cm	ft-lb	N·m
Engine x Transmission	650	47	64
Rear support member x Body	260	19	25
Rear mounting x Extension housing	250	18	25
Transmission housing x Transmission case	10 mm	25	34
	12 mm	580	42
Extension housing x Transmission case	370	27	36
Parking lock pawl bracket	75	65 in.-lb	7.4
Valve body x Transmission case	100	7	10
Oil strainer	100	7	10
Oil pan	75	65 in.-lb	7.4
Speed sensor	160	12	16
Cooler pipe union nut	350	25	34
Drive plate x Crankshaft	650	47	64
Torque converter x Drive plate	420	30	41
Neutral start switch	Bolt	9	13
	Nut	70	61 in.-lb
Control shaft lever	160	12	16

PROPELLER SHAFT Specifications

Bearing axial play	0 mm	0 in.
Shaft runout	Limit 0.8 mm	0.031 in.

Torque Specifications

Part tightened	kg-cm	ft-lb	N·m	
Propeller shaft x Differential	750	54	74	
Intermediate shaft x Propeller shaft	750	54	74	
Center support bearing x Body	375	27	37	
Intermediate shaft x Center support bearing x Center flange	1st	1,850	134	181
	2nd	Loosen nut		
	3rd	700	51	69