

## SERVICE DATA

Line pressure (wheel locked)												
Engine idling				D range	382–441 kPa	3.9–4.5 kgf/cm	55–64 psi					
				R range	637–716 kPa	6.5–7.3 kgf/cm	92–104 psi					
At stall				D range	1,265–1,402 kPa	12.9–14.3 kgf/cm	183–203 psi					
(Throttle valve fully opened)				R range	1,726–2,060 kPa	17.6–21.0 kgf/cm	250–298 psi					
Accumulator back pressure												
Engine idling and D range												
Engine and ECT ECU SLN terminal				Not ground	177–255 kPa	1.8–2.6 kgf/cm	26–37 psi					
				Ground	0							
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	650 rpm							
Throttle cable adjustment												
(Throttle valve fully closed)				0–1 mm				0–0.04 in.				
				Boot end face and inner cable stopper								
Torque converter installing (Correct distance)				17.1 mm				0.673 in.				
Drive plate runout				Limit	0.20 mm				0.0079 in.			

Shift schedule	Shift range	Kick-down foot switch	Pattern select switch	Throttle valve fully open (fully closed) km/h (mph)							
				km/h (mph)				km/h (mph)			
				1→2	2→3	3→O/D	[3→O/D]	[O/D→3]	O/D→3	3→2	2→1
	D range	ON	NORM	67–71 (42–44)	118–124 (73–77)	170–177 (106–110)	–	–	164–170 (102–106)	105–111 (65–69)	53–57 (33–35)
			PWR	67–71 (42–44)	118–124 (73–77)	179–186 (111–116)	–	–	164–170 (102–106)	105–111 (65–69)	53–57 (33–35)
		OFF	NORM	67–71 (42–44)	118–124 (73–77)	155–161 (96–100)	[32–35] [20–22]	[23–26] [14–16]	128–134 (79–83)	71–75 (44–47)	10–13 (6–8)
			PWR	67–71 (42–44)	118–124 (73–77)	179–186 (111–116)	[32–35] [20–22]	[23–26] [14–16]	149–155 (93–96)	95–100 (59–62)	22–26 (14–16)
	2 range	ON	NORM or PWR	67–71 (42–44)	–	–	–	–	–	106–112 (66–70)	53–57 (33–35)
		OFF	NORM or PWR	67–71 (42–44)	–	–	–	–	–	106–112 (66–70)	10–13 (6–8)
	L range	ON OFF	NORM or PWR	–	–	–	–	–	–	10–4–10 9 (65–68)	57–63 (35–39)

Lock-up point	Shift range	Pattern select switch	Throttle valve opening 5% km/h (mph)						
			Lock-up ON			Lock-up OFF			
			2nd	*3rd	O/D	2nd	*3rd	O/D	
	D range	NORM or PWR	–	83–88 (52–55)	56–60 (35–37)	–	77–82 (48–51)	53–57 (33–35)	

\*: O/D switch OFF

## TORQUE SPECIFICATIONS

Part tightened		N·m	kgf·cm	ft·lbf
Engine X Transmission		64	650	47
Rear mounting X Body		25	260	19
Rear mounting X Extension housing		25	250	18
Transmission housing X Transmission case	14 mm	34	345	25
	17 mm	57	580	42
Extension housing X Transmission case		34	345	25
Valve body X Transmission case		10	100	7
Oil strainer		10	100	7
Oil pan		7.4	75	65 in·lbf
No. 1 speed sensor		16	160	12
No. 2 speed sensor		5.4	55	48 in·lbf
Solenoid wiring stopper plate		5.4	55	48 in·lbf
O/D direct clutch speed sensor		5.4	55	48 in·lbf
Transmission output flange		123	1,250	90
Throttle cable X Transmission case		5.4	55	48 in·lbf
Union		29	300	22
Cooler pipe union nut		34	350	25
Drive plate X Crankshaft		99	1,000	72
Torque converter X Drive plate		33	340	25
Neutral start switch	Bolt	13	130	9
	Nut	6.9	70	61 in·lbf
Control shaft lever		16	160	12