

TECHNICAL DATA

05-50 TECHNICAL DATA

TRANSMISSION/TRANSAXLE
TECHNICAL DATA 05-50-1

TRANSMISSION/TRANSAXLE TECHNICAL DATA

A3U055001024W01

Item		Engine		
		ZM	FS	
CLUTCH				
Clutch pedal	Full stroke	(mm {in})	130—140 {5.12—5.51}	
	Height (from set plate)	(mm {in})	210—215 {8.27—8.46}	
	Free play	(mm {in})	0.7—3.5 {0.03—0.13}	
Clutch cover	Diaphragm spring fingers	Depth	(mm {in}) 0.5 {0.020}	
		Misalignment	(mm {in}) 0.6 {0.024}	
	Maximum clearance of flatness of the pressure plate	(mm {in})	0.5 {0.020}	
Clutch disc	Minimum thickness	(mm {in})	0.3 {0.012}	
	Run out limit	(mm {in})	0.7 {0.028}	
Flywheel	Run out limit	(mm {in})	0.2 {0.008}	
MANUAL TRANSAXLE				
Transaxle type		F25M-R	G15M-R	
Transaxle oil	Grade		API Service GL-4 or GL-5	
	Viscosity	All season	SAE 75W—90	
		Above 10 °C {50 °F}	SAE 80W—90	
Capacity (Approx. quantity) (L {US qt, Imp qt})		2.68 {2.83, 2.36}		
AUTOMATIC TRANSAXLE				
Transaxle type		FN4A-EL		
Line pressure (kPa {kgf/cm ² , psi})	D, 2, 1 range	Idle	330—470 {3.4—4.7, 49—66}	
		Stall	1,200—1,360 {12.3—13.8, 175—196} 1,160—1,320 {11.9—13.4, 170—190}	
	R position	Idle	490—710 {5.0—7.2, 72—100}	
		Stall	1,470—1,690 {15.0—17.2, 214—244}	
Engine stall speed (rpm)	D, 2, 1 range	2,300—2,600	2,200—2,500	
	R position	2,300—2,600	2,200—2,500	
Time lag (sec)	N→D	0.4—0.7		
	N→R	0.4—0.7		
Transaxle fluid temperature (TFT) sensor (kilohm)	-20 °C {-4 °F}	236—324		
	0 °C {32 °F}	84.3—110		
	20 °C {68 °F}	33.5—42.0		
	40 °C {104 °F}	14.7—17.9		
	60 °C {140 °F}	7.08—8.17		
	80 °C {176 °F}	3.61—4.15		
	100 °C {212 °F}	1.96—2.24		
Input/turbine speed sensor (ohm)	ATF temperature: -40—160 °C {-40—320 °F}	250—600		
	Solenoid valve (ohm)	Shift solenoid A	1.0—4.2	
		Shift solenoid B	1.0—4.2	
		Shift solenoid C	1.0—4.2	
Shift solenoid D		10.9—26.2		
Shift solenoid E		10.9—26.2		
	Pressure control solenoid	2.4—7.3		

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Item		Engine	
		ZM	FS
Automatic transaxle fluid (ATF)	Type	ATF M-V or equivalent (e.g. Dexron®III)	
	Capacity (Approx. quantity) (L {US qt, Imp qt})	7.2 {7.6, 6.3}	