

TRANSMISSION/TRANSAXLE TECHNICAL DATA

B3E055001024W01

Item				Specifications	
CLUTCH					
Clutch pedal	Disengagement point	Disengagement stroke	(mm {in})	90-110 {3.55-4.33} (Reference value)	
		Pedal stroke	(mm {in})	135 {5.31} (Reference value)	
Clutch cover	Diaphragm spring fingers	Depth	(mm {in})	0.6 {0.024}	
		Maximum height difference	(mm {in})	1.0 {0.039}	
	Maximum clearance of flatness of the pressure plate		(mm {in})	0.5 {0.020}	
Clutch disc	Minimum depth		(mm {in})	0.3 {0.012}	
	Maximum runout		(mm {in})	0.7 {0.028}	
Flywheel	Maximum runout		(mm {in})	0.1 {0.004}	
Clutch fluid	Type			SAE J1703, FMVSS 116 DOT-3 or DOT-4	
MANUAL TRANSAXLE					
Engine type				ZJ, Z6	
Manual transaxle type				F35M-R	
Oil	Grade		API Service GL-4 or GL-5		
	Viscosity	All-season	SAE 75W-90		
		Above 10 °C {50 °F}	SAE 80W-90		
	Capacity (Approximate quantity) (L {US qt, Imp qt})		3.04 {3.21, 2.67}		
Engine type				LF	
Manual transaxle type				G35M-R	
Oil	Grade		API Service GL-4 or GL-5		
	Viscosity	All-season	SAE 75W-90		
		Above 10 °C {50 °F}	SAE 80W-90		
	Capacity (Approximate quantity) (L {US qt, Imp qt})		2.87 {3.03, 2.53}		
AUTOMATIC TRANSAXLE					
Engine type				Z6	LF
Automatic transaxle type				FN4A-EL	
ATF	Type		ATF M-V		
	Capacity (Approx. quantity) (L {US qt, Imp qt})		7.0 {7.4, 6.2}	7.2 {7.6, 6.3}	
			Idle	330-470 {3.4-4.7, 48-68}	

Line pressure		D, M (1GR, 2GR) range	Stall	1,090-1,250 {11.2-12.7, 159-181}	1,160-1,320 {11.8-13.5, 168-191}
(kPa {kgf/cm ² , psi})		R position	Idle	490-710 {5.0-7.2, 72-102}	
			Stall	1,470-1,690 {15.0-17.2, 214-245}	1,600-1,820 {16.4-18.5, 234-263}
Engine stall speed	(rpm)	D, M range		2,100-2,700	2,000-2,600
		R position			
Time lag	(s)	N position→ D range		0.4-0.7	
		N position→ R position		0.4-0.7	
Transaxle range (TR) switch	(ohm)	P position		4,085-4,515	
		R position		1,425-1,575	
		N position		713-788	
		D range		371-409	
Transaxle Fluid temperature (TFT) sensor	(kilohm)	ATF temperature: -20 °C {-4 ° F}		236-324	
		ATF temperature: 0 °C {32 °F}		84.3-110	
		ATF temperature: 20 °C {68 ° F}		33.5-42.0	
		ATF temperature: 40 °C {104 ° F}		14.7-17.9	
		ATF temperature: 60 °C {140 ° F}		7.08-8.17	
		ATF temperature: 80 °C {176 ° F}		3.61-4.15	
		ATF temperature: 100 °C {212 °F}		1.96-2.24	
		ATF temperature: 120 °C {248 °F}		1.13-1.28	
		ATF temperature: 130 °C {266 °F}		0.87-0.98	
Input/turbine speed sensor	(ohm)	ATF temperature: -40-160 °C {-40-320 °F}		250-600	
Vehicle speed sensor (VSS)		(V)		4.5-5.5	
Solenoid valves ATF temperature: -40-150 °C {-40-302 °F}	(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 F		10.9-26.2	
		Pressure control		2.4-7.3	