## 05–50

## 05-50 TECHNICAL DATA

## TRANSMISSION/TRANSAXLE TECHNICAL DATA

Total free play   Comm (in)   S—13 {0.02—0.51}				· 	A5U055001024W01
Height (with carpet)	ltem -				<del>_</del>
Height (with carpet)					ВР
Free play	CLUTCH			1	
Total free play	Clutch pedal				· · · · · · · · · · · · · · · · · · ·
Total free piasy   Common   S-13 (0.20-0.51)					, ,
Minimum thickness   (mm (in))   0.3 (0.012)					
Maximum runout					
Maximum runout	Clutch disc	(			· · · · · · · · · · · · · · · · · · ·
SAE J1703, FMVSS116 DOT-3					· · · · · · · · · · · · · · · · · · ·
MANUAL TRANSMISSION   Transmission type	Flywheel	Maximum runout (mm		(mm {in})	, ,
Caracle	Clutch fluid				SAE J1703, FMVSS116 DOT-3
Grade	MANUAL TRA	NSMISSION			
Note	Transmission	type			M15M-D
Niscosity	Oil	Grade			API Service GL-4 or GL-5
Above 10°C (50°F)   SAE 80W-90		Viccocity	All-season		SAE 75W-90
CL {US qt, Imp qt}   2.0 {2.1, 1.8}		Viscosity	Above 10°C {50°F}		SAE 80W-90
Capacity (approximate quantity)   Capa				2.0 {2.1, 1.8}	
Grade					Y16M-D
Viscosity   All-season   SAE 75W-90     Above 10°C (50°F)   SAE 80W-90     Capacity (approximate quantity)   1.70—1.80 {1.79—1.90, 1.49—1.58}     AUTOMATIC TRANSMISSION     Transmission type   SB4A-EL     Automatic transmission fluid (ATF)   Type   M-III or equivalent (e.g. Dexron®III)     Capacity (approximate quantity)   (L {US qt, Imp qt})   6.7 {7.1, 5.9}     Capacity (approximate quantity)   (L {US qt, Imp qt})   6.7 {7.1, 5.9}     Line pressure   (kPa {kgf/cm², psi})   R   Idle   370—420 {3.7—4.2, 53—59}     Stall   960—1110 {9.8—11.4, 140—162}     Stall   960—1110 {9.8—11.4, 140—162}     Stall   1270—1520 {13.0—15.4, 185—218}     Stall   1270—1520 {13.0—15.4, 185—218}     Capacity (approximate quantity)   (L {US qt, Imp qt})     Capacity (approximate	Oil				
Above 10°C {50°F}   SAE 80W-90			All-season		
Capacity (approximate quantity)		Viscosity			
Transmission type		Capacity (approximate quantity)			1.70—1.80 {1.79—1.90, 1.49—1.58}
Automatic transmission fluid (ATF)  Automatic transmission fluid (ATF)  Automatic transmission fluid (ATF)  Capacity (approximate quantity) (L {US qt, Imp qt})  By Capacity (approximate quantity) (L {US qt, Imp qt})  Capacity (approximate quantity) (L {US qt, Imp qt}) (ATF quantity) (BATE quantity) (CATE (ATE (ATE (ATE (ATE (ATE (ATE (ATE (	AUTOMATIC T	RANSMISSION	·		
Automatic transmission fluid (ATF)  Automatic transmission fluid (ATF)  Automatic transmission fluid (ATF)  Capacity (approximate quantity) (L {US qt, Imp qt})  By Capacity (approximate quantity) (L {US qt, Imp qt})  Capacity (approximate quantity) (L {US qt, Imp qt}) (ATF quantity) (BATE quantity) (CATE (ATE (ATE (ATE (ATE (ATE (ATE (ATE (	Transmission	type			SB4A-EL
Automatic transmission fluid (ATF)  Capacity (approximate quantity) (L {US qt, Imp qt})  D, 2, 1    Idle   370—420 {3.7—4.2, 53—59}     Stall   960—1110 {9.8—11.4, 140—162}     Stall   1270—1520 {13.0—15.4, 185—218}     Engine stall speed   (rpm)   R       Time lag   (sec.)   N-D       Input/turbine speed sensor   (ohm)   ATF temperature [20°C {68°F}]   387—473     Solenoid valves   (ohm)   Shift solenoid B   11—15			Туре		M-III or equivalent (e.g. Dexron <sup>®</sup> III)
D, 2, 1   Idle   370—420 (3.7—4.2, 53—59)     Stall   960—1110 (9.8—11.4, 140—162)     R   Idle   520—580 (5.3—5.9, 76—83)     Stall   1270—1520 (13.0—15.4, 185—218)     Engine stall speed   (rpm)   R   2,370—2,740     R   2,370—2,740     R   2,370—2,740     N-D   0.7     N-R   1.2     Input/turbine speed sensor (ohm)   ATF temperature [20°C (68°F)]   560—680     Output speed sensor (ohm)   ATF temperature [20°C (68°F)]   387—473     Shift solenoid A   11—15     Solenoid valves (ohm)   Shift solenoid B   11—15     Stall   370—420 (3.7—4.2, 53—59)     Stall   960—1110 (9.8—11.4, 140—162)     Stall   1270—1520 (13.0—15.4, 185—218)     Stall   1270—1520 (13.0—15.			1		
Line pressure  (kPa {kgf/cm², psi})  (kPa {k					370—420 {3.7—4.2, 53—59}
Stall   1270—1520 {13.0—15.4, 185—218}     Engine stall speed   (rpm)   D, 2, 1   2,370—2,740     R	Line pressure			Stall	
Stall   1270—1520 {13.0—15.4, 185—218}     Engine stall speed   (rpm)   D, 2, 1   2,370—2,740     R	-	(kPa {kgf/cm <sup>2</sup> nsi})	R	Idle	520—580 {5.3—5.9, 76—83}
R   2,370—2,740     Time lag   (sec.)   N-D   0.7     N-R   1.2     Input/turbine speed sensor (ohm)   ATF temperature [20°C {68°F}]   560—680     Output speed sensor (ohm)   ATF temperature [20°C {68°F}]   387—473     Shift solenoid A   11—15     Solenoid valves (ohm)   Shift solenoid B   11—15     Contact		(iii a (iigi/oiii , poij)		Stall	<u> </u>
R   2,370—2,740     Time lag   (sec.)   N-D   0.7     N-R   1.2     Input/turbine speed sensor (ohm)   ATF temperature [20°C {68°F}]   560—680     Output speed sensor (ohm)   ATF temperature [20°C {68°F}]   387—473     Shift solenoid A   11—15     Solenoid valves (ohm)   Shift solenoid B   11—15     Contact			D, 2, 1		2,370—2,740
N-D	Engine stall spe	eed (rpm)	R		2,370—2,740
N-R   1.2	<b>-</b> .				0.7
Output speed sensor         (ohm)         ATF temperature [20°C {68°F}]         387—473           Shift solenoid A         11—15           Solenoid valves         (ohm)         Shift solenoid B         11—15	i ime iag (se				
Output speed sensor         (ohm)         ATF temperature [20°C {68°F}]         387—473           Shift solenoid A         11—15           Solenoid valves         (ohm)         Shift solenoid B         11—15	Input/turbine speed sensor (ohm)		ATF temperature [20°C {68°F}]		560—680
Solenoid valves (ohm) Shift solenoid B 11—15					387—473
Solenoid valves (ohm) Shift solenoid B 11—15		,	Shift solenoid A		11—15
	Solenoid valves		Shift solenoid B		
		. ,	TCC solenoid valve		11—15