

TRANSMISSION/TRANSAXLE TECHNICAL DATA

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Clutch [C66M-R, C66MX-R]

Item	Specification
Clutch fluid	European (L.H.D. U.K.) specs.: SAE J1703 or FMVSS116 DOT-3 or DOT-4 Australian and General (L.H.D. R.H.D.) specs.: SAE J1703 or FMVSS116 DOT-3
Clutch pedal height (Reference value)	150 mm {5.91 in}
Clutch pedal free play (Reference value)	10 mm {0.39 in} or less
Clutch pedal full stroke (Reference value)	146 mm {5.75 in}
Distance A, from clutch disengagement point to floor covering (Reference value)	82 mm {3.2 in} or more
Clutch cover diaphragm spring fingers maximum depth	0.6 mm {0.02 in}
Maximum clearance of flatness of the pressure plate	0.3 mm {0.01 in}
Clutch cover diaphragm spring fingers maximum height difference	1.0 mm {0.039 in}
Minimum clutch disc thickness	0.3 mm {0.01 in}
Maximum clutch disc runout	0.7 mm {0.03 in}
Flywheel maximum runout	0.1 mm {0.004 in}

Clutch [D66M-R, D66MX-R]

Item	Specification
Clutch fluid	SAE J1703 or FMVSS116 DOT-3 or DOT-4
Clutch pedal height (Reference value)	153.8 mm {6.055 in}
Clutch pedal free play (Reference value)	10 mm {0.39 in} or less
Clutch pedal full stroke (Reference value)	150.3 mm {5.917 in}
Distance A, from clutch disengagement point to floor covering (Reference value)	82 mm {3.2 in} or more
Clutch cover diaphragm spring fingers maximum depth	0.6 mm {0.02 in}
Clutch cover diaphragm spring fingers maximum height difference	0.8 mm {0.03 in}
Clutch disc facing thickness on clutch cover side	New part (2WD): 3.6 mm {0.14 in} New part (4WD): 3.7 mm {0.15 in} Maximum: 2.5 mm {0.098 in}
Dual-mass flywheel guide pin projection maximum amount	11.0—12.0 mm {0.434—0.472 in}
Dual-mass flywheel maximum runout	1.5 mm {0.059 in}

Manual Transaxle [C66M-R, C66MX-R]

Item	Specification
Manual transaxle oil	Grade API service GL-4
	Viscosity SAE 75W-80
	Capacity (approx. quantity) 2WD: 1.65 L {1.74 US qt, 1.45 Imp qt} 4WD: 1.70 L {1.80 US qt, 1.50 Imp qt}

Manual Transaxle [D66M-R, D66MX-R]

Item	Specification
Manual transaxle oil	Grade API service GL-4
	Viscosity SAE 75W-80
	Capacity (approx. quantity) 2.40 L {2.54 US qt, 2.11 Imp qt}

Automatic Transaxle [FW6A-EL, FW6AX-EL]

Item		Specification
ATF	Type	ATF FZ
	Capacity (approx. quantity)	7.8 L {8.2 US qt, 6.9 Imp qt}
	Added amount if ATF is drained from drain plug (approx. quantity)	3.5—4.9 L {3.7—5.1 US qt, 3.1—4.3 Imp qt}

Line pressure

Measurement conditions		Specification (kPa {kgf/cm ² , psi})
Idling	R position	500—700 {5.10—7.13, 72.6—101.0}
	D and M (1GR) position	330—470 {3.37—4.79, 47.9—68.1}
Stalling	R position	1,790—2,100 {18.26—21.41, 259.7—304.5}
	D and M (1GR) position	970—1,170 {9.90—11.93, 141.0—169.6}

Stall speed (SKYACTIV-G 2.0)

Measurement conditions	Standard value (rpm)
R position	1,700—2,200
D position	1,900—2,600
M position	

Stall speed (SKYACTIV-G 2.5)

Measurement conditions	Standard value (rpm)
R position	1,700—2,200
D position	2,200—2,900
M position	

Time lag

Measurement conditions	Specification (s)
N to D selected	0.4—0.7
N to R selected	

Automatic Transaxle [GW6A-EL, GW6AX-EL]

Item		Specification
ATF	Type	ATF FZ
	Capacity (approx. quantity)	8.0 L {8.5 US qt, 7.0 Imp qt}
	Added amount if ATF is drained from drain plug (approx. quantity)	3.5—4.9 L {3.7—5.1 US qt, 3.1—4.3 Imp qt}

Line pressure

Measurement conditions		Specification (kPa {kgf/cm ² , psi})
Idling	R position	500—700 {5.10—7.13, 72.6—101.0}
	D and M (1GR) position	330—470 {3.37—4.79, 47.9—68.1}
Stalling	R position	1,790—2,100 {18.26—21.41, 259.7—304.5}
	D and M (1GR) position	970—1,170 {9.90—11.93, 141.0—169.6}

Stall speed

Measurement conditions	Standard value (rpm)
R position	1,800—2,400

Measurement conditions	Standard value (rpm)
D position	2,100—3,100
M position	

Time lag

Measurement conditions	Specification (s)
N to D selected	0.4—0.7
N to R selected	