SPECIFICATIONS

General Specifications

Item	Specification
Lubricants and Sealants	
Premium Long-Life Grease XG-1-C or XG-1-K (Canada CXG-1-C)	ESA-M1C75-B
Threadlock and Sealer TA-25	WSK-M2G351-A5
Clear Silicone Rubber TA-32	ESB-M4G92-A
MERCON® Multi-Purpose ATF Transmission Fluid XT-2-QDX	MERCON®
Synchronizer	
Capacity	3.0 liters (6.3 pints)
Synchronizer blocking ring to conical face runout	0.5 mm (0.02 in)
End Play	
Input shaft end play	0.027-0.127 mm (0.001-0.005 in)
Countershaft cluster gear end play	0.026-0.126 mm (0.001-0.004 in)

Torque Specifications

Description	Nm	lb-ft	lb-in
Output shaft speed (OSS) sensor bolt	10	—	89
Reverse idler gear bolt	27	20	—
Fifth/reverse lockout side bolt	20	15	—
Fifth/reverse lockout top bolt	20	15	—
Clutch housing-to-transmission main case bolt	32	24	—
Extension housing-to-transmission main case bolt	32	24	—
Drain plug	27	20	—
Reversing lamp switch	27	20	—
Fill plug	25	18	—
Transmission-to-engine bolt	45	33	—
Crossmember-to-frame bolts	62	46	—
Crossmember-to-transmission bolt	70	52	—
Transmission shift linkage bolt	40	30	—
Output flange nut	142	105	—
Detent plugs	28	21	—
Lock plate bolts	31	23	—
Gearshift underbody nuts (2 required)	11	8	—

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