

Material

Item	Specification	Fill Capacity
Clear Silicone Rubber TA-32	ESB-M4G92-A	—
MERCON® V Automatic Transmission Fluid XT-5-QM (or XT-5-QMC) (US); CXT-5-LM12 (Canada)	MERCON® V	3.0L (6.3 pt)
Premium Long-Life Grease XG-1-C or XG-1-K (US); CXG-1-C (Canada)	ESA-M1C75-B	—
Threadlock and Sealer TA-25	WSK-M2G351-A5	—

General Specifications

Item	Specification
End Play	
Countershaft cluster gear end play	0.026-0.126 mm (0.001-0.004 in)
Input shaft end play	0.027-0.127 mm (0.001-0.005 in)
Synchronizer	
Synchronizer blocking ring to conical face runout	0.5 mm (0.02 in)
Transmission	
Physical weight	55.6 kg (123 lb)

Torque Specifications

Description	Nm	lb-ft	lb-in
5th/reverse gear lockout side bolt	20	—	177
5th/reverse gear lockout top bolt	20	—	177
Clutch housing-to-main case bolts	32	24	—
Crossmember bolts	63	46	—
Detent plugs	28	21	—
Drain plug	27	20	—
Extension housing bolts	32	24	—
Fill plug	25	18	—
Gearshift lever nuts	11	—	97
Gearshift lever assembly bolt	40	30	—
Gearshift lever assembly bolt	15	—	133

Lock plate bolts	31	23	—
Output flange nut	142	105	—
Output Shaft Speed (OSS) sensor bolt	10	—	89
Reverse idler bolt	27	20	—
Reversing lamp switch	27	20	—
Spacer plate bolt	35	26	—
Starter motor bolts	25	18	—
Subframe cross brace nuts	48	35	—
Transmission rear support insulator nuts	70	52	
Transmission-to-engine bolts	45	33	—
