

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	2.6L (2.8 qt)
Multi-Purpose Grease XG-4 and/or XL-5	ESB-M1C93-B	—
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	—
Thread Sealant with PTFE TA-24	WSK-M2G350-A2	—

General Specifications

Item	Specification
End Play	
Countershaft cluster gear end play	0.013 mm (0.0005 in) - 0.102 mm (0.0040 in)
Output shaft end play	0.03 mm (0.0010 in) - 0.230 mm (0.0090 in)
Synchronizer	
Synchronizer blocking ring-to-conical face runout	0.5 mm (0.02 in)
Transmission	
Physical weight	42 kg (93 lb)

Torque Specifications

Description	Nm	lb-ft	lb-in
Case cover bolt	12	—	106
Clutch housing bolt	31	23	—
Clutch slave cylinder bolt	20	—	177
Countershaft rear bearing retainer bolt	21	15	—
Cross brace bolt	48	35	—
Drain plug	18	—	159
Exhaust coupler	54	40	—
Extension housing bolt	54	40	—
Fill plug	18	—	159
Gearshift lever bolt	15	—	133
Gearshift lever nuts	11	—	97

Input shaft bearing retainer bolt	21	15	—
Output flange nut	142	105	—
Output Shaft Speed (OSS) sensor bolt	10	—	89
Reversing lamp switch	37	27	—
Shift cover plate bolt	19	—	168
Shift lever detent	40	30	—
Shift lever reverse pin	40	30	—
Starter motor bolt	25	18	—
Transmission-to-engine bolt	45	33	—
Transmission rear support insulator center bolt	70	52	—
Transmission rear support insulator nut	70	52	—
Transmission shift linkage bolt	40	30	—
