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«SPECIFICATIONS»

Five-Speed Manual Overdrive Transmission-Gear Ratios

Gear	Ratio
FIRST	3.75
SECOND	2.32
THIRD	1.43
FOURTH	1.00
FIFTH	0.75
REVERSE	3.26

Five-Speed Manual Overdrive Transmission Inspection Specifications

Component	mm	Inches
Output Shaft Runout Not to Exceed	0.05	0.002
Shift Fork to Clutch Sleeve Not to Exceed	0.8	0.031
Synchronizer Blocking Ring to Conical Face of Gear	0.8	0.031
Flywheel Runout Not to Exceed	0.13	0.005
Flywheel Ring Gear Runout Not to Exceed	0.25	0.010

Five-Speed Manual Overdrive Transmission Assembly Specifications

Component	mm	Inches
3rd/4th Clutch Hub Play	0.00-0.05	0.00-0.0019
Reverse Idler Gear End Play	0.1-0.2	0.0039 - 0.0078

5th/Reverse Hub End Play	0.00-0.05	0.00-0.0019
Counter Reverse Gear End Play	0.25-0.35	0.0098 - 0.0138
Output Shaft Center Bearing Protrusion	2	0.079
Counter Shaft Center Bearing Protrusion	1	0.032

Approximate Lubricant Refill Capacity

Lubricant	Liters	Imperial Pints	U.S. Pints
Synthetic MERCON® Multi-Purpose Automatic Transmission Fluid E6AZ-19582-B (ESR-M2C163-A2) or Equivalent(1)	3.0	5.2	6.3

(1) - Fill transmission to bottom of filler hole.

Torque Specifications

Description	N-m	Lb-Ft
Output Shaft Locknut	216-274	160-202
Countershaft Locknut	128-196	94-144
Extension Housing Retaining Bolts	32-46	24-34
Reverse Idler Gear Shaft Fixing Bolt	79-116	58-86
Center Bearing Cover Bolts	18-26	14-19
Front Bearing Cover Bolts	12-16	9-12
Transmission Top Cover Bolts	16-22	12-16
Filler Plug	40-58	29-43
Front Oil Trough Bolt	8-10	6-7
Counter Lever Fixing Bolt	8-10	6-7
Drain Plug	40-58	29-43
Backup Lamp Switch	25-35	18-26
Neutral Sensing Switch	25-35	18-26
Rear Oil Trough (Extension Housing) Bolt	8-10	6-7
5th/Reverse Fork Rod Bolt	20-30	16-22

Flywheel Housing-to-Engine Retaining Bolts	38-51	28-38
Crossmember Retaining Bolts	47-68	35-50
Axle Housing Nuts	92-136	68-100
Driveshaft Retaining Bolts	95-129	71-95
Shifter Bolts	24-33	18-24
Shift Lever Plate Retaining Screws	7.8-10.7	6-8
Shift Control Housing-to-Extension Housing Bolts	7.8-10.7	6-8
Shift Control Frame-to-Top Cover Bolts	.8-1.1	7.0-9.7 (Lb-In)
Fifth/Reverse Inhibitor Assy Bolt	8-10	6-7
Extension Housing Cover Bolt	8-10	6-7
Gear Shift Lever Guide Bolt	8-10	6-7

