

Material

Item	Specification	Fill Capacity
Motorcraft® High Contrast Hypoid Gear Marking Compound XG-14	—	—
Motorcraft® SAE 80W-90 Premium Rear Axle Lubricant XY-80W90-QL (US); CXY-80W90-1L (Canada)	WSP-M2C197-A	1.42L (3.0 pt)
Premium Long-Life Grease XG-1-C or XG-1-K (US); CXG-1-C (Canada)	ESA-M1C75-B	—
Silicone Gasket and Sealant TA-30	WSE-M4G323-A4	—
Threadlock and Sealer TA-25	WSK-M2G351-A5	—

General Specifications

Item	Specification
Differential pinion gear thrust washer thickness	0.762-0.813 mm (0.030-0.032 in)
Differential side gear thrust washer thickness	1.016-1.067 mm (0.040-0.042 in)
Maximum axle shaft end play	0.762 mm (0.030 in)
Maximum differential flange ring gear runout	0.076 mm (0.003 in)
Maximum variation between ring gear teeth	0.102 mm (0.004 in)
Pinion bearing preload	1.8-3.3 Nm (16-29 lb-in)
Ring gear backlash	0.203-0.304 mm (0.008-0.012 in)

Torque Specifications

Description	Nm	lb-ft	lb-in
Differential bearing cap bolts	105	77	—
Differential housing cover bolts	46	33	—
Differential pinion shaft lock bolt	30	22	—
Differential ring gear bolts	138	102	—
Filler plug	30	22	—
Handle adapter for 205-S127	2.2	—	20
Lower arm bolts	175	129	—
Shock absorber lower bolts	115	85	—
Upper arm bushing nut	175	129	—

Wheel speed sensor bolt	15	—	133
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