

Specifications

Material

| Item | Specification | Fill Capacity |
|---|-----------------------|---------------|
| Motorcraft® High Contrast Hypoid Gear Marking Compound XG-14 | — | — |
| Motorcraft® SAE 75W-140 Synthetic Rear Axle Lubricant XY-75W140-QL (US); CXY-75W140-1L (Canada) | WSL-M2C192-A and GL-5 | — |
| Motorcraft® Premium Long-Life Grease XG-1-E1 | ESA-M1C75-B | — |
| Motorcraft® Silicone Gasket and Sealant TA-30 | WSE-M4G323-A4 | — |
| Motorcraft® Threadlock and Sealer TA-25-B | 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 | — |

| Description | Nm | lb-ft | lb-in |
|-------------------------------------|-----|-------|-------|
| 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 |