

2005 Cadillac CTS

Submodel: V | Engine Type: V8 | Liters: 5.7

Fuel Delivery: FI | Fuel: GAS

Rear Axle Specifications

Application	Specification	
	Metric	English
Differential Case Shim Sizes	3.5-4.4 mm	.14-.17 in
Pinion Housing Shim Sizes	1.2-1.9 mm	.04-.07 in
Pinion Rotating Torque w/seals	2.5-4 N-m	22-35 lb in
Ring Gear/Pinion A1 Nominal Value-All Axles	111.00 mm	4.37 in
Ring Gear/Pinion A2 Nominal Value-3.42 Ratio Axles	63.5 mm	2.50 in
Ring Gear/Pinion A2 Nominal Value-3.73 Ratio Axle	63.5 mm	2.50 in
Ring Gear/Pinion A2 Nominal Value-3.91 Ratio Axle	63.5 mm	2.50 in
Torsional Backlash		
3.42 Ratio with 96 mm Flange	0.22-0.35 mm	.009-.014 in
3.23 Ratio with 96 mm Flange	0.21-0.34 mm	.008-.013 in
3.91 Ratio with 96 mm Flange	0.25-0.41 mm	.010-.016 in
2.73 Ratio with 105 mm Flange	0.20-0.31 mm	.007-.012 in
3.23 Ratio with 105 mm Flange	0.23-0.37 mm	.009-.014 in
3.42 Ratio with 105 mm Flange	0.24-0.38 mm	.009-.015 in
3.73 Ratio with 86 mm Round Flange	0.21-0.34 mm	.008-.013 in