



BEVEL GEAR & BEVEL PINION SET

COMPATIBLE WITH: **CATERPILLAR® 785**

The 785 Bevel Gear & Bevel Pinion assembly is a critical driveline component responsible for transferring torque from the transmission to the differential while changing power direction by 90°. Designed for heavy haul operations, this system ensures smooth, reliable torque delivery under extreme working conditions.



Bevel Gear
Part # 5T8684

Bevel Pinion
Part # 3087793

SERIAL #

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|---------|
| 1HW785C |
| 2PZ784C |
| 5AZ785C |
| 5RK784B |
| 6HK785B |
| 8GB785 |
| APX785C |
| DMC785D |
| MSY785D |
| RTL785G |

KEY TECHNICAL FEATURES

- Precision-machined spiral bevel gear geometry
- Case-hardened alloy steel for high wear resistance
- Optimized tooth contact pattern for improved load distribution
- Heat-treated surfaces to resist pitting and fatigue
- Designed for high torque and shock-load environments



BUY AS A MATCHED SET (Recommended):

Purchase the bevel gear and pinion together to ensure correct alignment, factory-lapped contact, reduced wear, longer life, and maximum efficiency.



AVAILABLE INDIVIDUALLY TOO:

Components can be supplied separately when needed; precise setup and backlash adjustment are essential to prevent premature wear.