

# 2005 - 2006 Corvette: Rear Wheel Drive Shaft Nut Torque Specification Requirements and Information on Replacement Shafts for Service

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**Date:** November 11, 2005

**Subject:** Rear Wheel Drive Shaft Nut Torque Specification Requirements and Information on Replacement Shafts for Service

**Model(s):** 2005-2006 Chevrolet Corvette

Rear Wheel Drive Shaft Nut Torque Procedure

## **Notice:**

- If service requires the removal and reinstallation of the rear wheel drive shaft retaining nut, it is **CRITICAL** to follow the torque procedure below. Failure to follow the torque procedure may result in an inadequate torque specification.
- If service requires removal and reinstallation of the rear wheel drive shafts, clean the inboard mating surface of the wheel bearing and the mating surface of the axle shaft of any foreign material prior to assembly. Failure to properly clean the mating surface may result in an inadequate torque specification.

Insert a drift or punch into the brake rotor cooling fins and against the caliper to prevent the wheel hub and bearing from turning.

Begin to install the drive shaft retaining nut onto the drive shaft by hand.  
Slowly tighten the nut to draw the drive shaft to the wheel hub and bearing.

Tighten the drive axle spindle nut to 160 N·m (118 lb ft).

- If service requires the removal of the rear wheel drive half shaft retaining nut, it is **CRITICAL** to follow the torque procedure above. Failure to follow the torque procedure may result in an inadequate torque specification.
- If service requires the replacement of the rear wheel drive shafts, clean the inboard mating surface of the wheel bearing and the mating surface of the axle shaft of any foreign material prior

to assembly. Failure to properly clean the mating service may result in an inadequate torque specification.

GMSP0 has released a newly designed rear wheel drive shaft assembly for service.

If service requires the replacement of the rear wheel drive shafts, use only the P/Ns listed in the Parts Information table below .

15851726 SHAFT, WHL DRIVE SHAFT

05-06 Corvette without RPO Z06

BOTH RIGHT AND LEFT SIDES

15854748 SHAFT, RR WHL DRIVE SHAFT

06 Corvette with RPO Z06 (RIGHT SIDE ONLY)

15862007 SHAFT, RR WHL DRIVE SHAFT

06 Corvette with RPO Z06 (LEFT SIDE ONLY)

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