

# 1997 - 2003 Corvette: Service Manual Update: Revised Output Shaft Seal Replacement Procedure

**Subject:** Revised Output Shaft Seal Replacement Procedure

**Source:** Chevrolet Dealer Technical Service Bulletin

**Number:** 03-04-20-002 - (01/31/2003)

**Models:** 1997-2003 Chevrolet Corvette

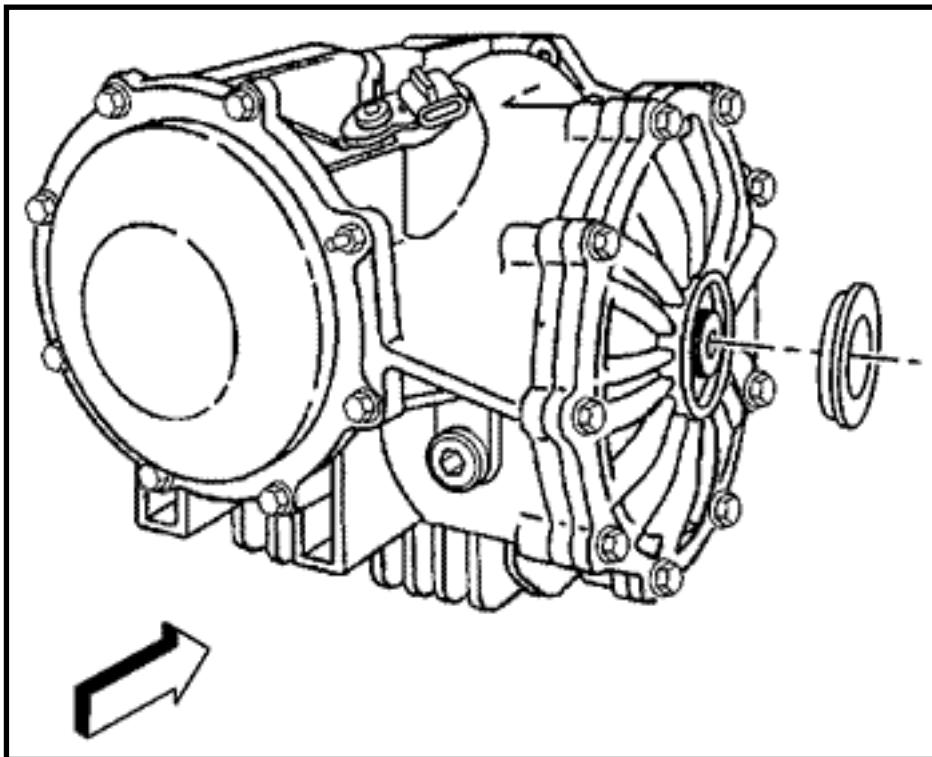
This bulletin is being issued to revise the Output Shaft Seal Replacement procedure in the Rear Drive Axle sub-section of the Service Manual to reflect the new special tool, J 46405. Please replace the current information in the Service Manual with the following information. The following information has been updated within SI. If you are using a paper version of this Service Manual, please make a reference to this bulletin on the affected page.

## 1997 Model Year

### Tools Required

J 46405 Output Shaft Seal Installer

### Removal Procedure

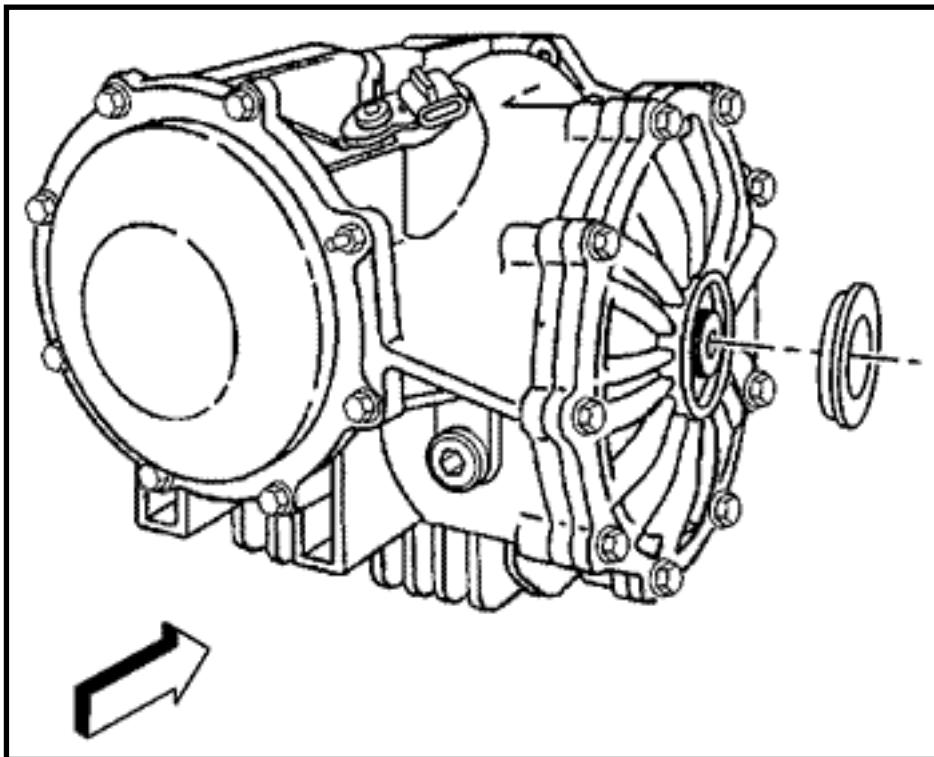


1. Raise and suitably support the vehicle. Refer to Lifting and Jacking the Vehicle in General Information.
2. Remove the appropriate rear tire and wheel assembly. Refer to Wheel Removal in Tires and Wheels.
3. Remove the appropriate drive axle. Refer to Drive Axle Replacement in Drive Axle

**Important** Take care not to damage any sealing surfaces when removing the differential output shaft seal.

4. Remove the differential output shaft seal.

## Installation Procedure



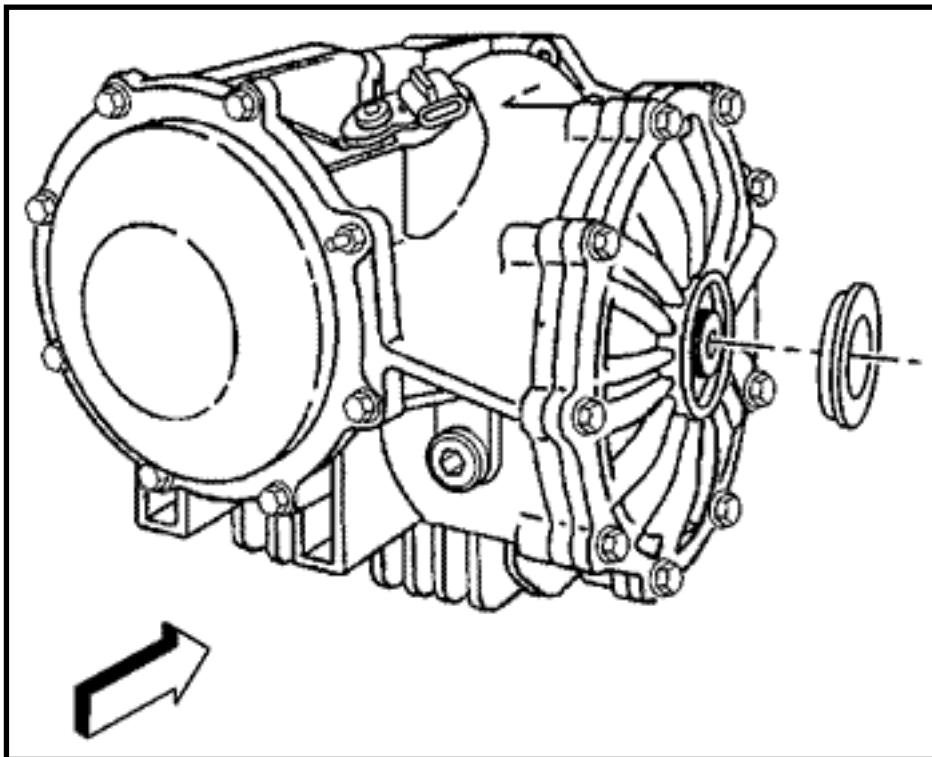
1. Using the J 46405, install the differential output shaft seal.
2. Install the drive axle. Refer to Drive Axle Replacement in Drive Axle.
3. Install the rear tire and wheel assembly. Refer to Wheel Removal in Tires and Wheels.
4. Lower the vehicle.

## 1998-2003 Model Year

### Tools Required

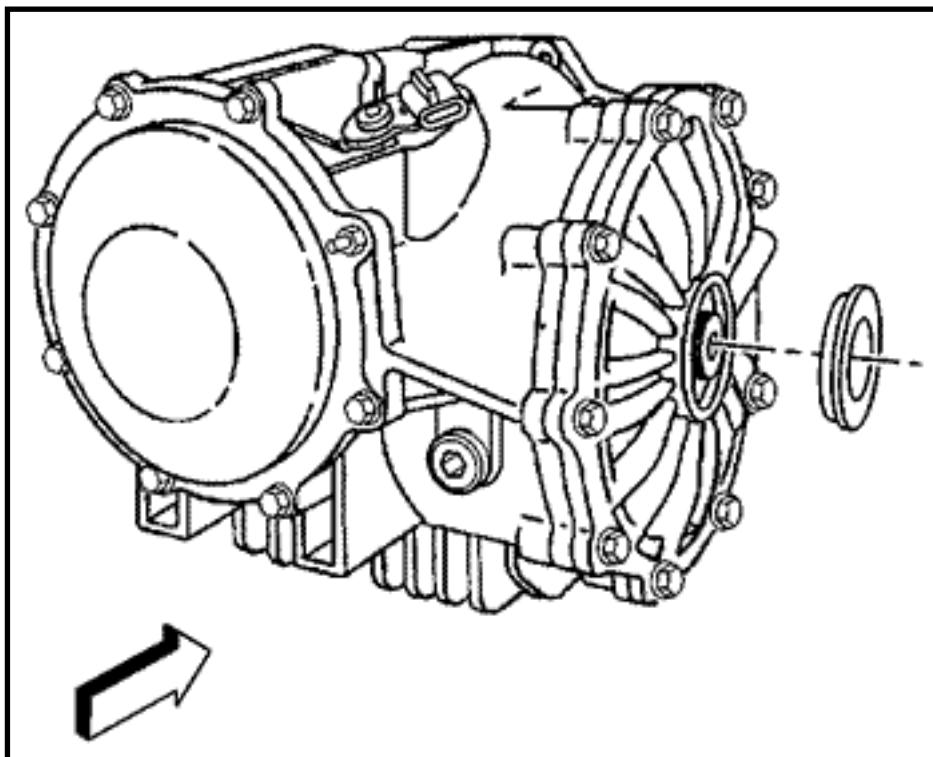
J 46405 Output Shaft Seal Installer

### Removal Procedure



1. Raise and suitably support the vehicle. Refer to Lifting and Jacking the Vehicle in General Information.
2. Remove the appropriate rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation in Tires and Wheels.
3. Remove the appropriate drive shaft. Refer to Wheel Drive Shaft Replacement in Wheel Drive Shafts.  
**Important Take care not to damage any sealing surfaces when removing the differential output shaft seal.**
4. Remove the differential output shaft seal.

## Installation Procedure



1. Using the J 46405, install the differential output shaft seal.
2. Install the drive shaft. Refer to Wheel Drive Shaft Replacement in Wheel Drive Shafts.
3. Install the rear tire and wheel assembly. Refer to Tire and Wheel Removal and Installation in Tires and Wheels.
4. Lower the vehicle.

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