

1997-2005 Buick Century • 1997-2004 Buick Regal • 1998 Buick Regal GS
2000-2011 Chevrolet Impala Sedan • 2000-2007 Chevrolet Monte Carlo
1997-2003 Pontiac Grand Prix • 1998-2001 Pontiac Grand Prix GTP
2005-2009 Buick Allure • 2005-2009 Buick LaCrosse



This product is intended to replace the existing suspension components with a passive coil and shock system. The system has been designed and extensively tested to provide the same ride quality and height as O.E.M.



These instructions do not replace a certified mechanic. If you do not feel comfortable working on your car, please take these parts to a certified mechanic for installation.,

General Precautions

When servicing any vehicle be sure to follow all safety procedures.

First, make sure that when lifting the vehicle that you are using the appropriate jack for the weight of the vehicle.

Make sure before going underneath any vehicle that it is properly supported with sturdy jack stands and on level ground so that the vehicle doesn't fall or slide off of the jack and onto you.

As with any automotive repair, make sure you have the appropriate tools to do the job so you don't damage any parts on the vehicle. There is a list of tools needed included in these instructions.

Safety glasses and mechanic gloves should also be worn for your protection.

Be sure to follow the instructions in the order that they are given. The instructions are in a certain order for a reason and improper installation could lead to damage to your vehicle or the parts. Keep in mind that if you damage the parts during installation you will be responsible for the replacement parts

Product Photos



Minimum Tools Needed For This Installation



Metric Hand Tools (Sockets/Wrenches)



Jack and Jackstands



Screw Drivers (Phillips and Flat Head)



Grease Pencil



WARNING

Lift the vehicle using **ONLY** a frame-contact vehicle lift. Do **NOT** lift the vehicle using a suspension-contact vehicle lift.

CAUTION

Complete strut assemblies are delivered completely assembled. Removal of any components or alteration of the unit will result in a void of warranty and may cause physical harm

Removal

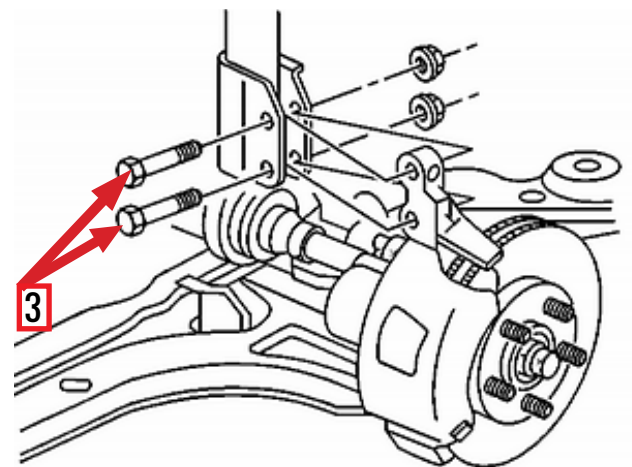
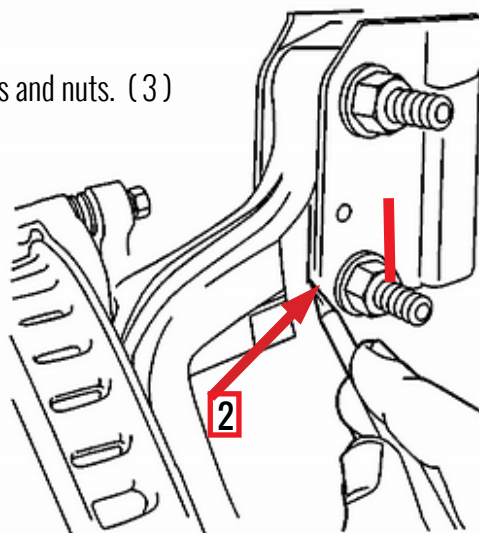
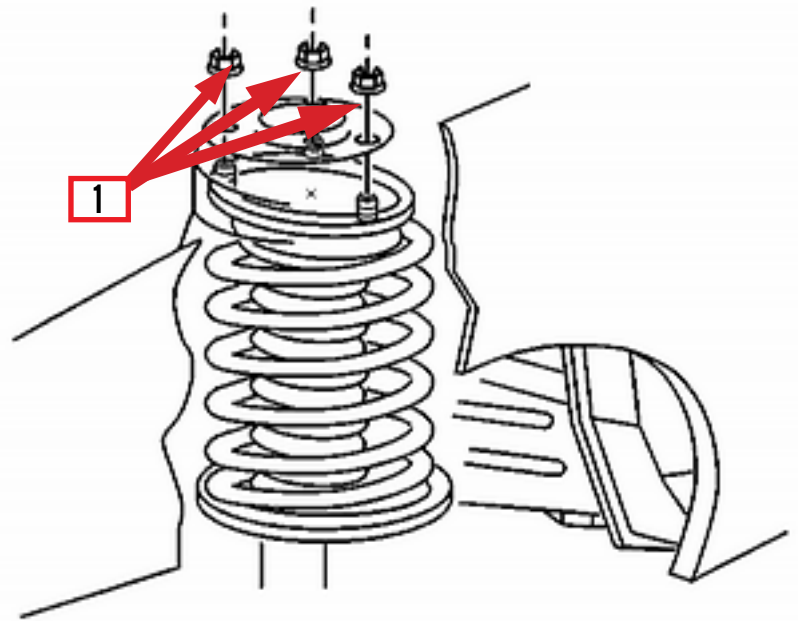
1. Remove the strut upper nuts. (1)
2. Raise and support the vehicle
3. Remove the tire and wheel.
4. Scribe the strut to the knuckle. (2)



You must scribe the steering knuckle where the lower strut mount aligns before removing the strut. If you fail to do this, you may not be able to align the vehicle correctly after installation.

5. Remove the strut lower bolts and nuts. (3)

6. Remove the strut.



Installation

1. Install the strut.

2. Install the strut upper nuts.

Tighten the strut upper nuts to **33 Nm (24 ft. lbs.)**.



Important: This is a prevailing torque type fastener.

This fastener may be reused **ONLY** if: The fastener and its counterpart are clean and free from rust. The fastener develops 3 Nm (27 inch lbs.) of torque/drag against its counterpart prior to the fastener seating. If the fastener does not meet these criteria, **REPLACE** the fastener.

3. Install the strut lower bolts and nuts.

4. Align the strut to the mark on the knuckle.

Tighten the strut lower nuts to **122 Nm (90 ft. lbs.)**.

5. Install the tire and wheel.

6. Lower the vehicle.

7. Align the front wheels.

