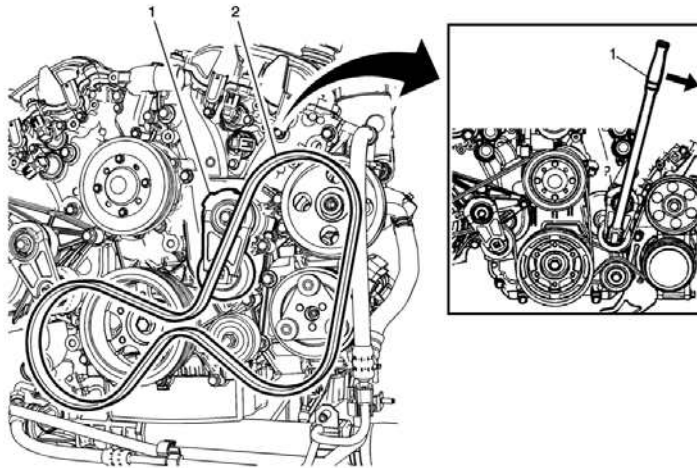


2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Air Conditioning Compressor and Power Steering Pump Belt Replacement

Callout

Component Name

Preliminary Procedure

Remove the water pump and generator belt. Water Pump and Generator Belt Replacement.

Air Conditioning Compressor and Power Steering Pump Drive Belt Tensioner

1

Procedure

Rotate the drive belt tensioner clockwise to release the drive belt tension.

Air Conditioning Compressor and Power Steering Pump Drive Belt

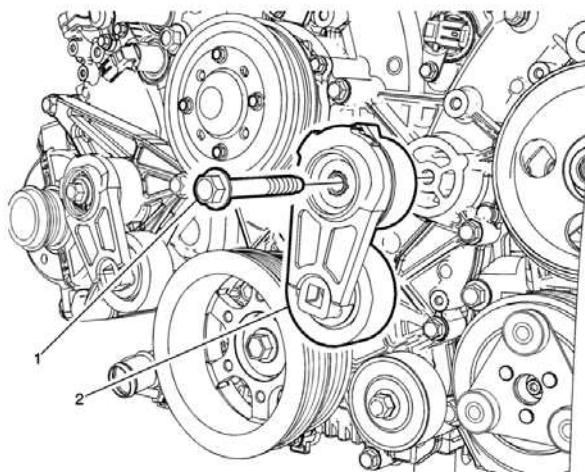
Procedure

2

1. Slide the drive belt off of the idler pulley.
2. Slowly release the drive belt tensioner.
3. Remove the belt.
4. Inspect the belt for damage including frays, cracks and glazed areas due to slippage.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Air Conditioning Compressor and Power Steering Pump Belt Tensioner Replacement

Callout

Component Name

Preliminary Procedures

1. Remove the intake manifold cover. Refer to Intake Manifold Cover Replacement.
2. Remove the air cleaner outlet duct. Refer to Air Cleaner Outlet Duct Replacement.
3. Remove the water pump and generator belt. Water Pump and Generator Belt Replacement.
4. Remove the air conditioning compressor and power steering pump belt. Refer to Air Conditioning Compressor and Power Steering Pump Belt Replacement.

Air Conditioning Compressor and power Steering Pump Belt Tensioner Fastener

1

Tighten

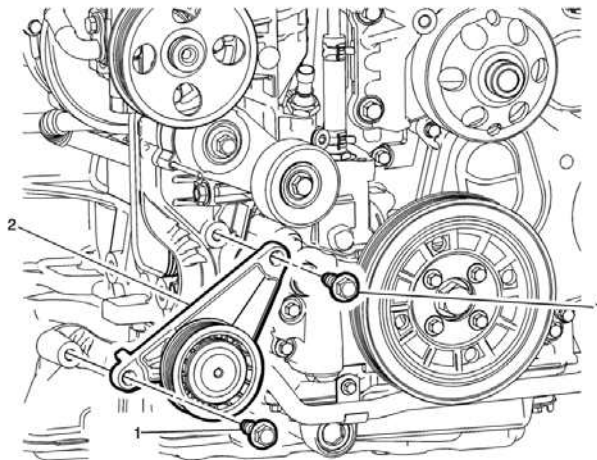
25 Y (18 lb ft)

2

Air Conditioning Compressor and power Steering Pump Belt Tensioner

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Belt Idler Pulley Replacement - Lower

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Drive Belt Idler Pulley Fastener (Qty: 2)

Caution: Refer to Fastener Caution.

1

Tighten

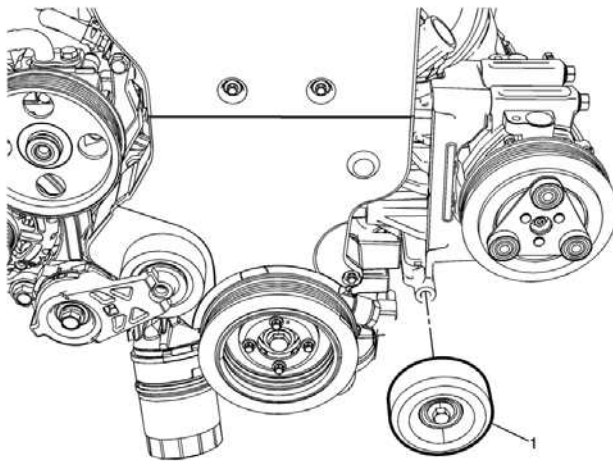
45 Y (33 lb ft)

2

Drive Belt Idler Pulley

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Belt Idler Pulley Replacement

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Drive Belt Idler Pulley Fastener

Caution: Refer to Fastener Caution.

Tighten

1

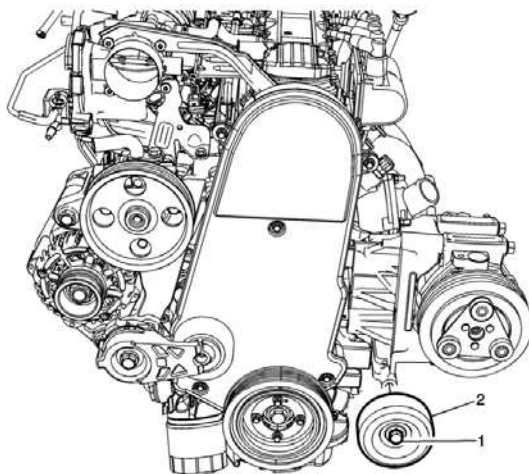
50 Y (37 lb ft)

Procedure

Drive belt idler pulley fastener is a left-hand thread.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Belt Idler Pulley Replacement

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Drive Belt Idler Pulley Fastener

Caution: Refer to Fastener Caution.

Procedure

1

Drive belt idler pulley fastener is a left-hand thread.

Tighten

50 Y(37 lb ft)

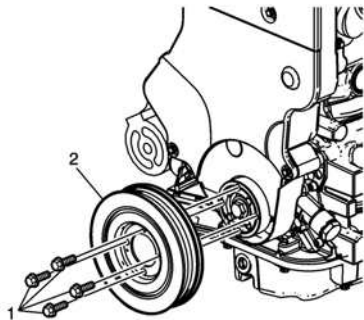
2

Drive Belt Idler Pulley

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



1. Install the crankshaft pulley (2).
2. Install the crankshaft pulley bolts (1).

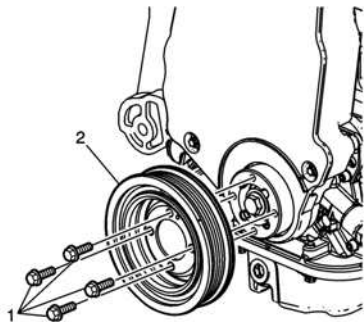
Caution: Refer to Fastener Caution.

3. Tighten to **32 Y (23lb ft)**.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



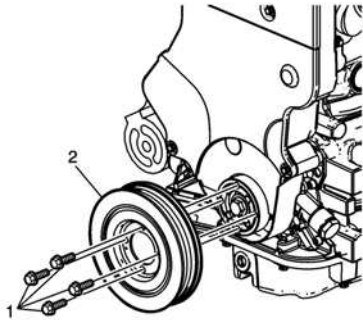
1. Install the crankshaft pulley (2).
2. Install the crankshaft pulley bolts (1).

Caution: Refer to Fastener Caution.

3. Tighten the pulley bolts (1) to **32 Y (23 lb ft)**.

2013 Chevrolet Colorado

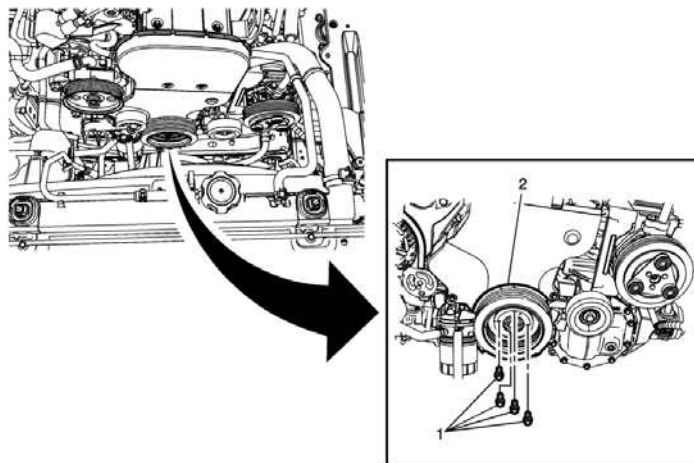
Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



1. Remove the crankshaft pulley bolts (1).
2. Remove the crankshaft pulley (2).

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Crankshaft Pulley Replacement

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Crankshaft Pulley Fastener (Qty:4)

Caution: Refer to Fastener Caution.

1

Tighten

32 Y (23 lb ft) .

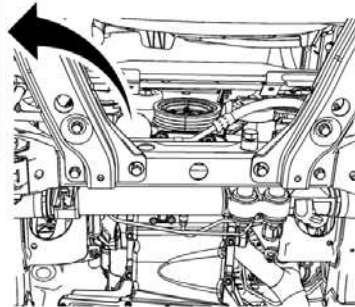
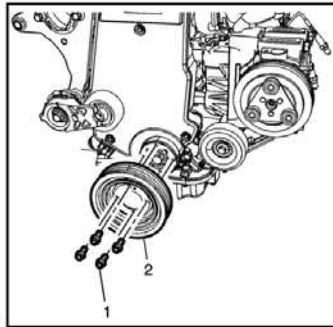
2

Crankshaft Pulley

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Crankshaft Pulley Replacement

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Crankshaft Pulley Fastener (Qty:4)

Caution: Refer to Fastener Caution.

1

Tighten

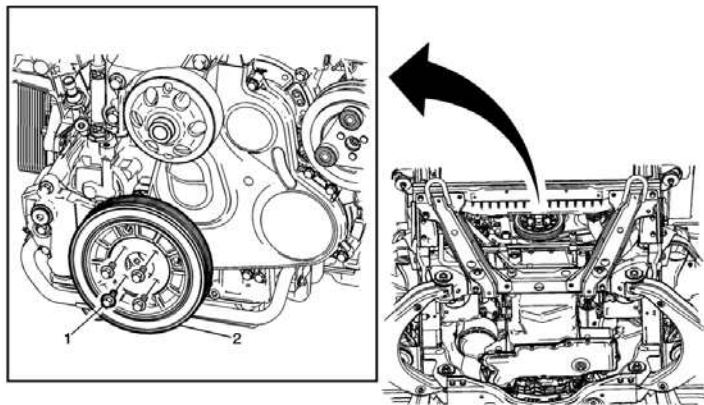
32 Y (23 lb ft) .

2

Crankshaft Pulley

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Crankshaft Pulley Replacement

Callout

Component Name

Preliminary Procedure

1. Remove the drive belt. Refer to Drive Belt Replacement.
2. Remove the engine protection shield. Refer to Engine Protection Shield Replacement.

Crankshaft Pulley Fastener (Qty:4)

Caution: Refer to Fastener Caution.

1

Tighten

32 Y (23 lb ft) .

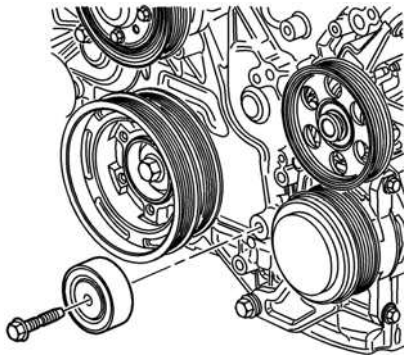
2

Crankshaft Pulley

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



1. Place the drive belt idler pulley in position to the engine front cover.

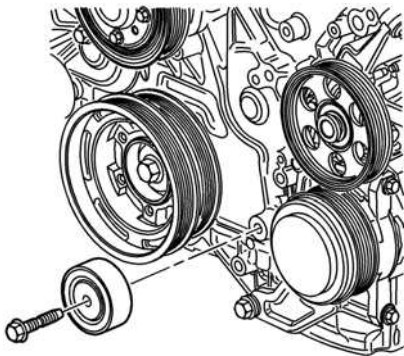
Caution: Refer to Fastener Caution.

2. Install the drive belt idler pulley bolt and tighten to **58 Y (43 lb ft)**.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

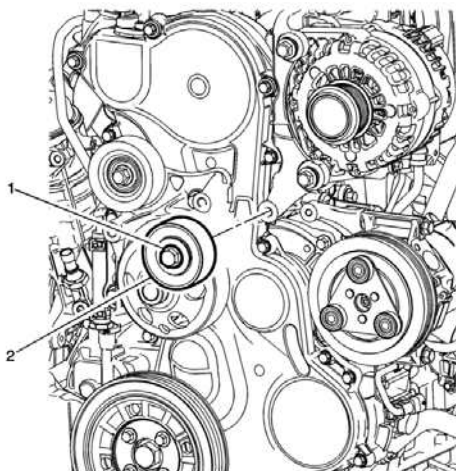
Fuel Delivery: | Fuel:



1. Remove the drive belt idler pulley bolt.
2. Remove the drive belt idler pulley.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Drive Belt Idler Pulley Replacement - Left Side

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Drive Belt Idler Pulley Fastener

Caution: Refer to Fastener Caution.

1

Tighten

50 Y (37 lb ft)

Drive Belt Idler Pulley

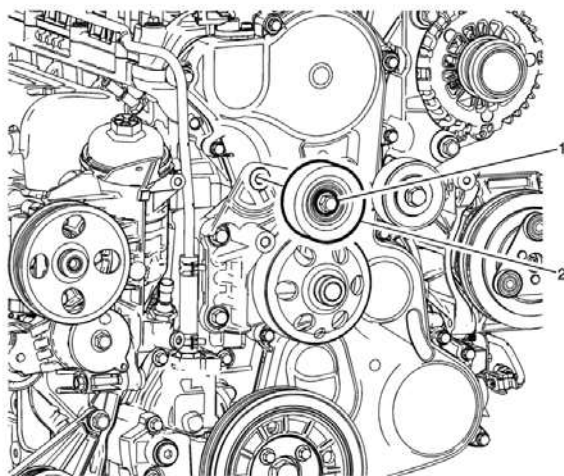
2

Procedure

Drive belt idler pulley fastener is a left-hand thread.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Drive Belt Idler Pulley Replacement - Right Side

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

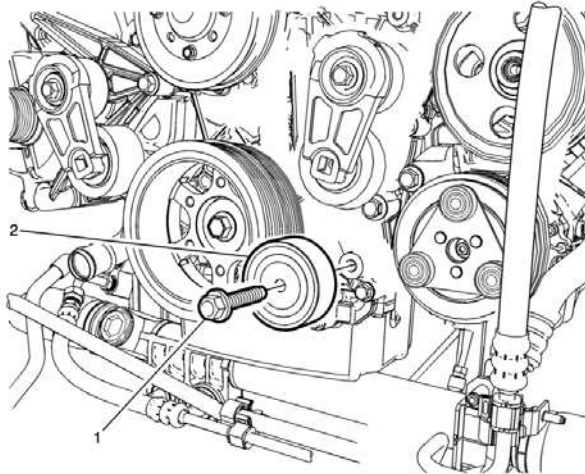
- 1 Drive Belt Idler Pulley Fastener
 Caution: Refer to Fastener Caution.
 Tighten
 10 Y (89 lb in)

- 2 Drive Belt Idler Pulley
 Procedure
 Drive belt idler pulley fastener is a left-hand thread

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Drive Belt Idler Pulley Replacement

Callout

Component Name

Preliminary Procedures

1. Remove the intake manifold cover. Refer to Intake Manifold Cover Replacement.
2. Remove the air cleaner outlet duct. Refer to Air Cleaner Outlet Duct Replacement.
3. Remove the water pump and generator belt. Water Pump and Generator Belt Replacement.
4. Remove the air conditioning compressor and power steering pump belt. Refer to Air Conditioning Compressor and Power Steering Pump Belt Replacement.

Drive Belt Idler Pulley Fastener

Caution: Refer to Fastener Caution.

3

Tighten

58 Y (43 lb ft)

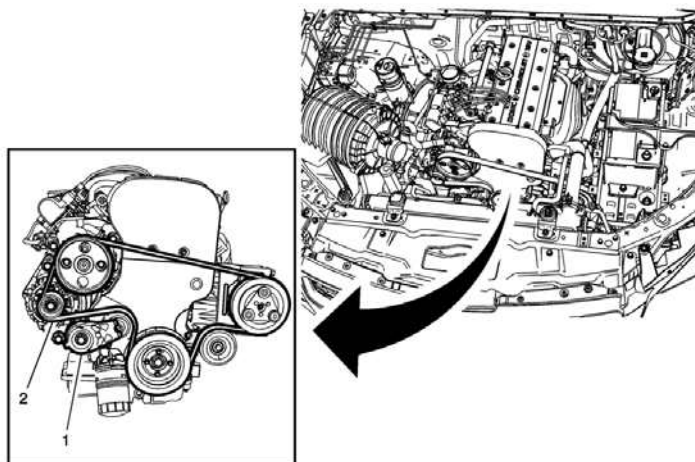
4

Drive Belt Idler Pulley

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Drive Belt Replacement

Callout

Component Name

Drive Belt Tensioner

1

Procedure

Use the proper tool to rotate the drive belt tensioner.

Drive belt

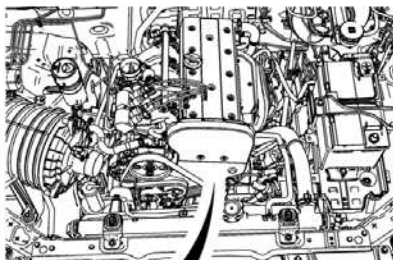
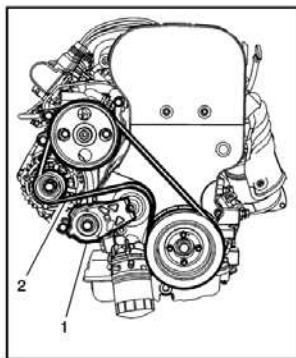
Procedure

2

1. Remove the drive belt from the pulleys and tensioner.
2. Clean and inspect the drive belt surfaces of all the pulleys.
3. Inspect the drive belt for correct alignment.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Drive Belt Replacement

Callout

Component Name

Drive Belt Tensioner

1

Procedure

Use the proper tool to rotate the drive belt tensioner.

Drive belt

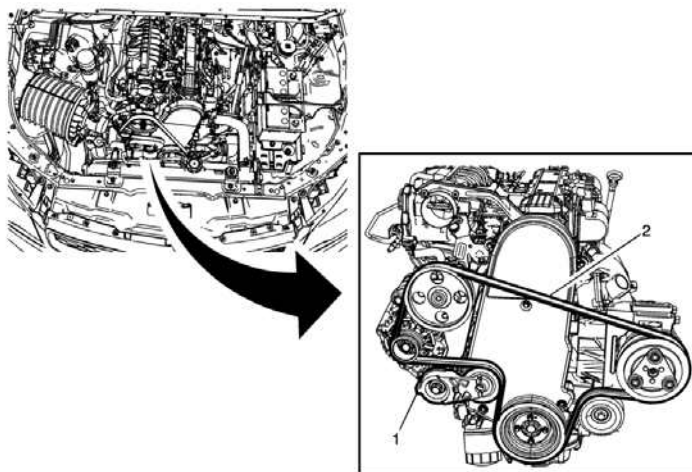
Procedure

2

1. Remove the drive belt from the pulleys and tensioner.
2. Clean and inspect the drive belt surfaces of all the pulleys.
3. Inspect the drive belt for correct alignment.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Drive Belt Replacement

Callout

Component Name

Drive Belt Tensioner

1

Procedure

Use the proper tool to rotate the drive belt tensioner.

Drive belt

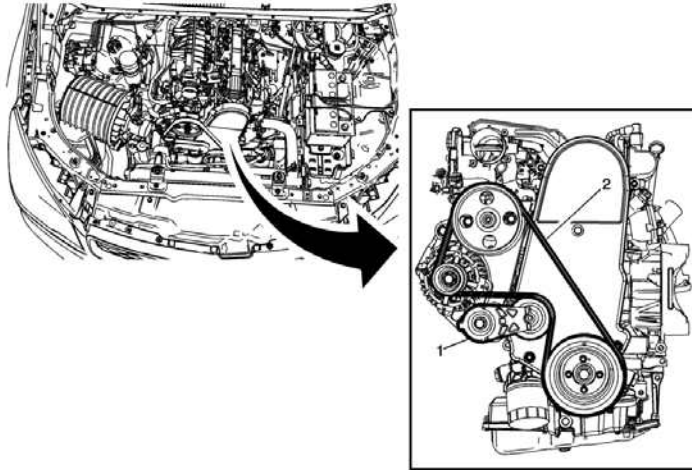
Procedure

2

1. Remove the drive belt from the pulleys and tensioner.
2. Clean and inspect the drive belt surfaces of all the pulleys.
3. Inspect the drive belt for correct alignment.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Drive Belt Replacement

Callout

Component Name

Drive Belt Tensioner

1

Procedure

Use the proper tool to rotate the drive belt tensioner.

Drive belt

Procedure

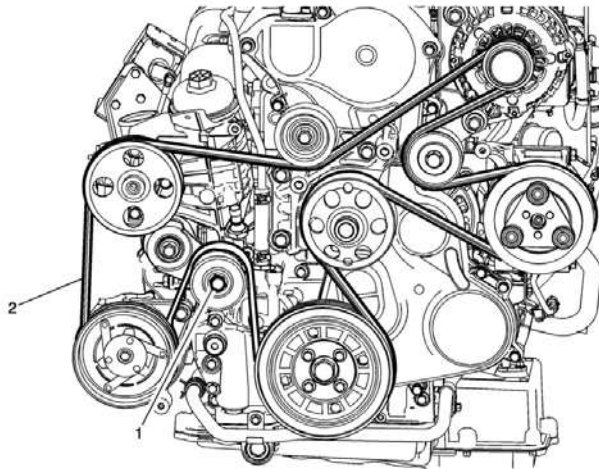
2

1. Remove the drive belt from the pulleys and tensioner.
2. Clean and inspect the drive belt surfaces of all the pulleys.
3. Inspect the drive belt for correct alignment.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Drive Belt Replacement

Callout

Component Name

Preliminary Procedure

Remove the engine lift bracket. Refer to Engine Lift Front Bracket Replacement.

Drive Belt Tensioner

1

Procedure

Use the proper tool to rotate the drive belt tensioner.

Drive Belt

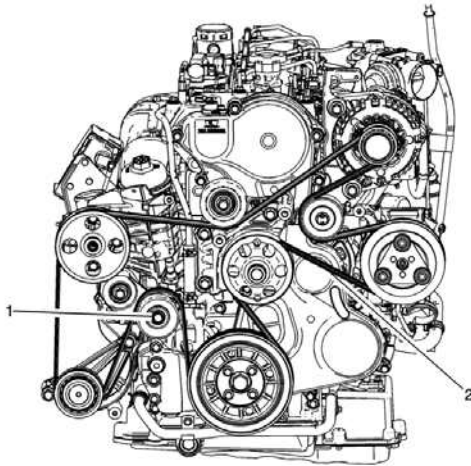
Procedure

2

1. Remove the drive belt from the pulleys and tensioner.
2. Clean and inspect the drive belt surfaces of all the pulleys.
3. Inspect the drive belt for correct alignment.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Drive Belt Replacement

Callout

Component Name

Preliminary Procedure

Remove the engine lift bracket. Refer to Engine Lift Front Bracket Replacement.

Drive Belt Tensioner

1

Procedure

Use the proper tool to rotate the drive belt tensioner.

Drive Belt

Procedure

2

1. Remove the drive belt from the pulleys and tensioner.
2. Clean and inspect the drive belt surfaces of all the pulleys.
3. Inspect the drive belt for correct alignment.

2013 Chevrolet Colorado

Submodel: | **Engine Type:** | **Liters:**

Fuel Delivery: | **Fuel:**

The drive belt system consists of the following components:

- The drive belt
- The drive belt tensioner
- The drive belt idler pulley
- The crankshaft balancer pulley
- The accessory drive component mounting brackets
- The accessory drive components
 - The power steering pump, if belt driven
 - The generator
 - The A/C compressor, if equipped
 - The engine cooling fan, if belt driven
 - The water pump, if belt driven
 - The vacuum pump, if equipped
 - The air compressor, if equipped

The drive belt system may use 1 belt or 2 belts. The drive belt is thin so that it can bend backwards and has several ribs to match the grooves in the pulleys. The drive belts are made of different types of rubbers, chloroprene or EPDM, and have different layers or plys containing either fiber cloth or cords for reinforcement.

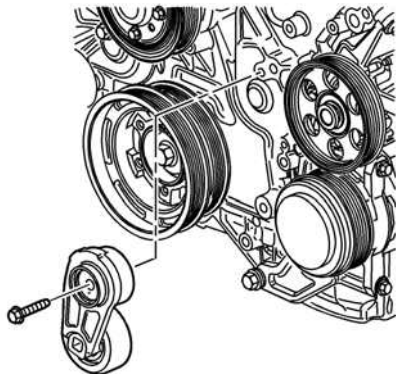
Both sides of the drive belt may be used to drive the different accessory drive components. When the back side of the drive belt is used to drive a pulley, the pulley is smooth.

The drive belt is pulled by the crankshaft balancer pulley across the accessory drive component pulleys. The spring loaded drive belt tensioner keeps constant tension on the drive belt to prevent the drive belt from slipping. The drive belt tensioner arm will move when loads are applied to the drive belt by the accessory drive components and the crankshaft.

The drive belt system may have an idler pulley, which is used to add wrap to the adjacent pulleys. Some systems use an idler pulley in place of an accessory drive component when the vehicle is not equipped with the accessory.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



1. Place the left drive belt tensioner in position to the engine front cover.

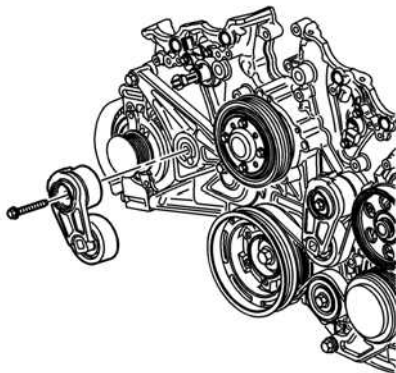
Caution: Refer to Fastener Caution.

2. Install the left drive belt tensioner bolt and tighten to **58 Y (43 lb ft)**.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



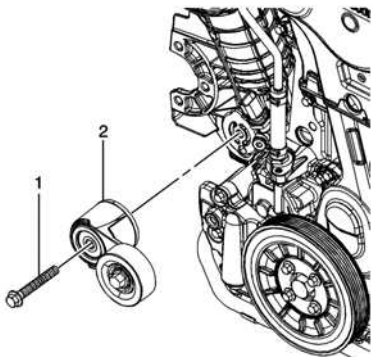
1. Place the right drive belt tensioner in position to the engine front cover.

Caution: Refer to Fastener Caution.

2. Install the right drive belt tensioner bolt and tighten to **58 Y (43 lb ft)**.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

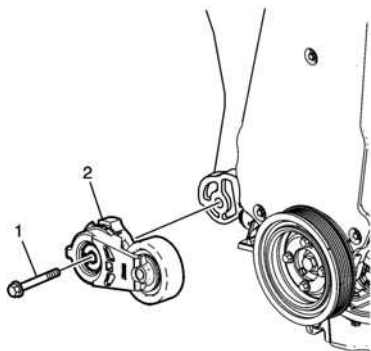


Install the drive belt tensioner (2) and mounting bolt (1). Tighten the bolt to **45 Y (33 lb ft)**.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



1. Install the drive belt tensioner (2).
2. Install the drive belt tensioner bolt (1).

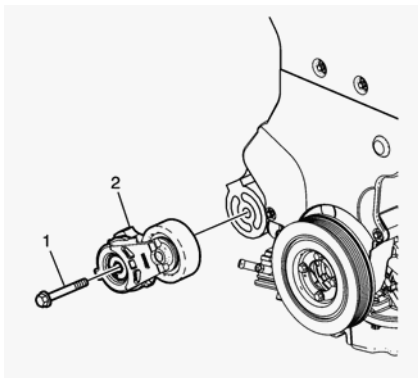
Caution: Refer to Fastener Caution.

3. Tighten tensioner bolt (1) to **63 Y (47 lb ft)**.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



1. Install the drive belt tensioner (2).
2. Install the drive belt tensioner bolt (1).

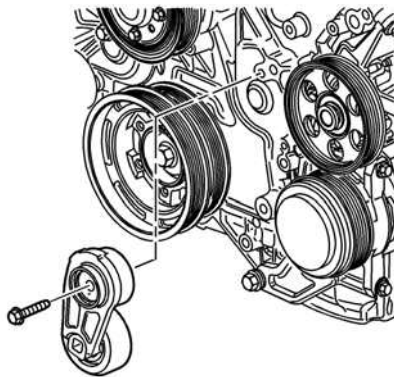
Caution: Refer to Fastener Caution.

3. Tighten the bolt (1) to **63 Y (47 lb ft)**.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

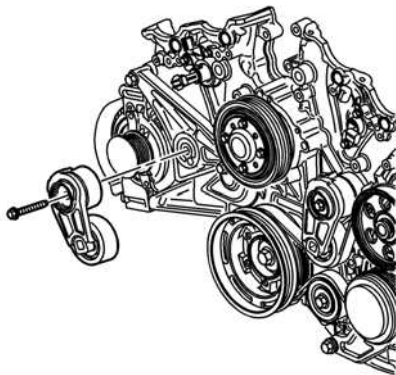


1. Remove the drive belt tensioner bolt.
2. Remove the drive belt tensioner.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

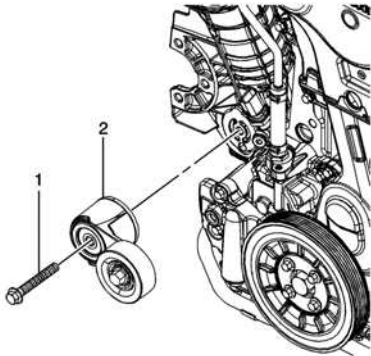
Fuel Delivery: | Fuel:



1. Remove the drive belt tensioner bolt.
2. Remove the drive belt tensioner.

2013 Chevrolet Colorado

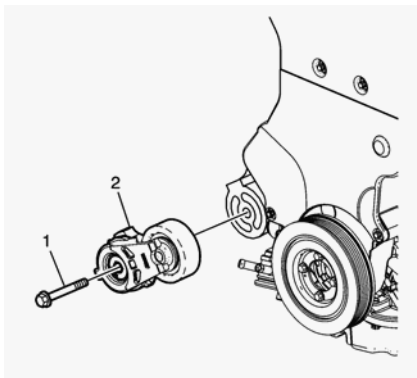
Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Remove the drive tensioner mounting bolt (1) and tensioner (2).

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

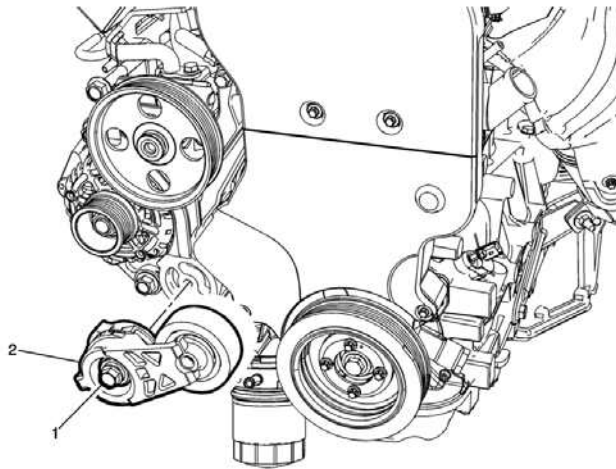


1. Remove the drive belt tensioner bolt (1).
2. Remove the drive belt tensioner (2).

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:



Drive Belt Tensioner Replacement

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Drive Belt Tensioner Fastener

Caution: Refer to Fastener Caution.

1

Tighten

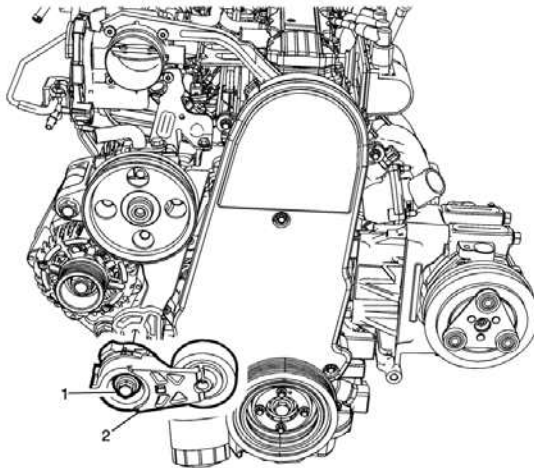
63 Y (47 lb ft)

2

Drive Belt Tensioner

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Drive Belt Tensioner Replacement

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Drive Belt Tensioner Fastener

Caution: Refer to Fastener Caution.

1

Tighten

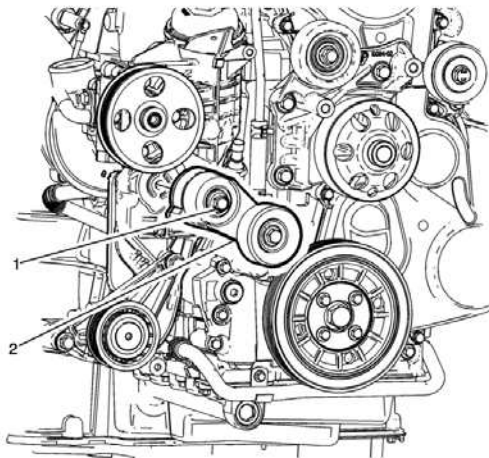
63 Y (47 lb ft)

2

Drive Belt Tensioner

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Drive Belt Tensioner Replacement

Callout

Component Name

Preliminary Procedure

Remove the drive belt. Refer to Drive Belt Replacement.

Drive Belt Tensioner Fastener

Caution: Refer to Fastener Caution.

1

Tighten

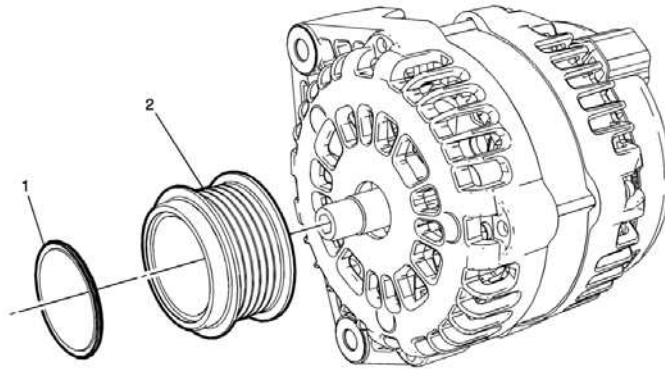
45 Y (33 lb ft)

2

Drive Belt Tensioner

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Generator Pulley Replacement

Callout

Component Name

Preliminary Procedures

1. Remove the generator. Refer to Generator Replacement.
2. Remove the generator pulley fastener cover.

Special Tools

EN-50629 Generator Pulley Removal Tool

- 1 Generator Pulley Cover

Generator Pulley

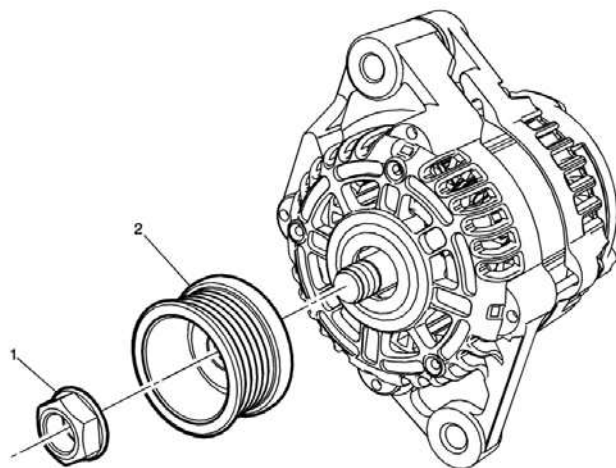
Procedure

2

1. Remove the generator cover (1).
2. Remove the generator pulley using the EN-50629 generator pulley removal tool.

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:



Generator Pulley Replacement

Callout

Component Name

Preliminary Procedure

Remove the generator. Refer to Generator Replacement.

Special Tools

S9906702-1 Generator Pulley Removal Tool

For equivalent regional tools, refer to Special Tools.

Generator Pulley Fastener

Caution: Refer to Fastener Caution.

1

Tighten

58 Y (43 lb ft)

2

Generator Pulley