

Component Procedures: Suspension Spring (Coil / Leaf)

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Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Rear Suspension > Coil Sprin?	52089102	2 - Coil Spring	137.00	Order By Description.
Front Suspension > Coil Sprin?	52088126	7 - Coil Spring	0.00	Order By Description.

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Front Suspension > One Or Both	B	1.8	0.9
Replace	Rear Suspension > Coil Spring Type > One or B?	B	0.9	0.7

Front Coil Spring Replace (Article 2034784)

REMOVAL

1. Raise and support the vehicle. Position a hydraulic jack under the axle to support it.
2. Paint or scribe alignment marks on the cam adjusters and axle bracket for installation reference.
3. Mark and disconnect the front propeller shaft from the axle.
4. Remove the lower suspension arm nut, cam and cam bolt from the axle.
5. Disconnect the stabilizer bar links and shock absorbers from the axle.
6. Disconnect the track bar from the frame rail bracket.
7. Disconnect the drag link from the pitman arm.
8. Lower the axle until the spring is free from the upper mount and remove the spring.

NOTE:

- Left coil spring has a retainer and bolt which must be removed from the axle pad.
9. Remove the jounce bumper if necessary from the upper spring mount.

INSTALLATION

1. Position the coil spring on the axle pad. Install retainer and bolt on the left spring and tighten to 22 Nm (16 ft. lbs.)
2. Install the jounce bumper.
3. Raise the axle into position until the spring seats in the upper mount, then raise another 51 mm (2 inch)
4. Connect the stabilizer bar links and shock absorbers to the axle bracket. Connect the track bar to the frame rail bracket.
5. Install the lower suspension arm to the axle.
6. Install the front propeller shaft to the axle.
7. Install drag link to pit man arm.

8. Remove the supports and lower the vehicle.
9. Tighten all suspension components to proper torque.

Rear Coil Spring Replace (Article 2034779)

REMOVAL

1. Raise and support the vehicle. Position a hydraulic jack under the axle to support it.
2. Disconnect the stabilizer bar links and shock absorbers from the axle brackets.
3. Disconnect the track bar from the frame rail bracket.
4. Lower the axle until the spring is free from the upper mount seat and remove the spring.

INSTALLATION

NOTE:

Springs can be install with either end up.

1. Position the coil spring on the axle pad isolator.
2. Raise the axle into position until the spring seats on the upper isolator.
3. Connect the stabilizer bar links and shock absorbers to the axle bracket. Connect the track bar to the frame rail bracket.
4. Remove the supports and lower the vehicle.
5. Tighten the stabilizer bar links, shock absorbers and track bar to specified torque.