



# VOLUNTARY SERVICE CAMPAIGN

Classification: FA22-004	Reference: NTB22-102	Date: December 1, 2022
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## VOLUNTARY SERVICE CAMPAIGN 2022 ALTIMA; LEFT FRONT COIL SPRING

**CAMPAIGN ID #:** PC933  
**APPLIED VEHICLES:** 2022 Altima (L34)

**Check Service COMM or Dealer Business Systems (DBS)  
National Service History to confirm campaign eligibility.**

### INTRODUCTION

Nissan is conducting this voluntary service campaign on certain specific model year 2022 Altima vehicles to replace the left front coil spring. This service will be performed at no charge to the customer for parts or labor.

### IDENTIFICATION NUMBER

Nissan has assigned identification number PC933 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

### DEALER RESPONSIBILITY

Dealers are to repair vehicles falling within range of this campaign that enter the service department. This includes vehicles purchased from private parties, vehicles presented by transient (tourists) owners, and vehicles in a dealer's inventory.

Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

## SERVICE PROCEDURE

### **⚠ WARNING**

To avoid the risk of death or severe personal injury, do not reuse single use parts noted in this TSB. Reusing a single use part may induce risk that it, or the component that it secures, may become loose.

1. Replace the front driver (LH) side coil spring.
  - Refer to the ESM: **SUSPENSION > FRONT SUSPENSION > REMOVAL AND INSTALLATION > FRONT COIL SPRING AND STRUT > Removal and Installation**

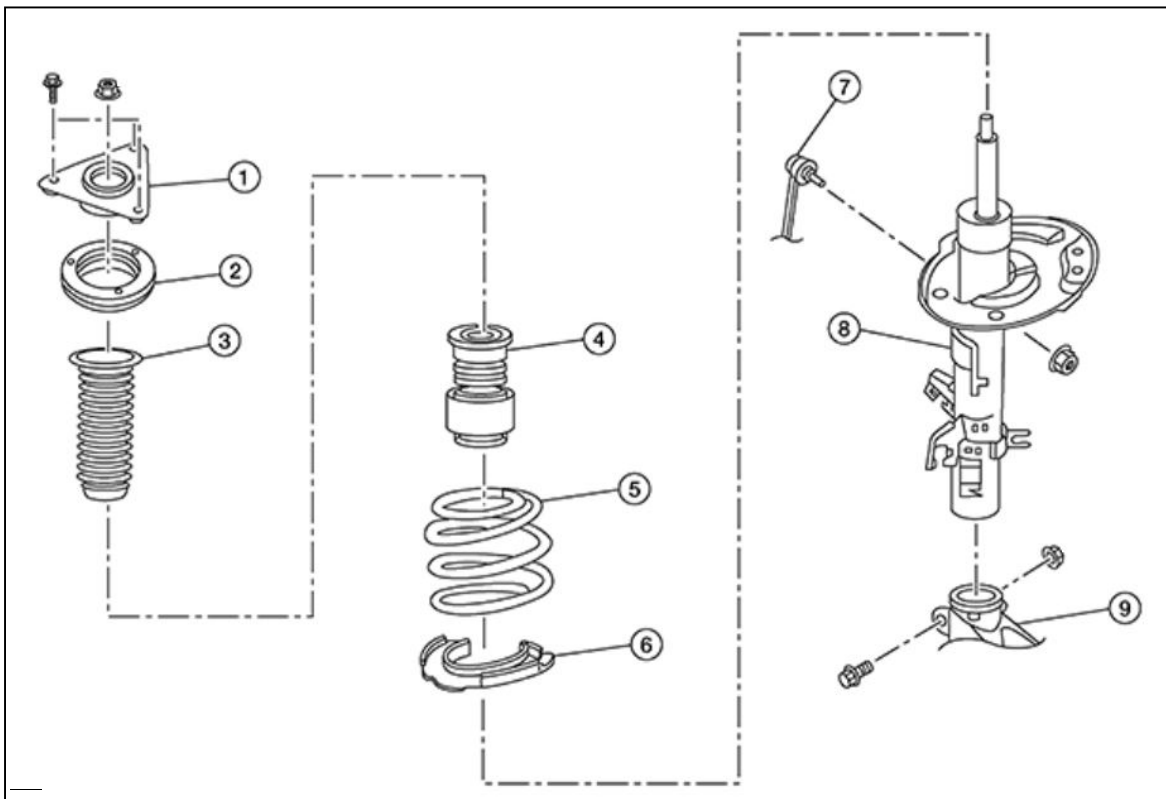


Figure 1

TABLE A

1.	Strut mount insulator	2.	Strut mount bearing	3.	Front spring upper rubber seat
4.	Front suspension bound bumper	5.	Front coil spring	6.	Front spring lower rubber seat
7.	Stabilizer connecting rod	8.	Strut	9.	Steering knuckle

**CAUTION**

To avoid the risk of minor personal injury or property damage, the following one-time-use nuts MUST be replaced and torqued to the specifications listed below:

- Top Strut Nut - 63 N•m (6.4 kg-m, **47 ft-lb**)
- Stabilizer Connecting Rod Nut - 84 N•m (8.6 kg-m, **62 ft-lb**)
- Outer Socket Nut - 34.4 N•m (3.5 kg-m, **25 ft-lb**)
- Steering Knuckle Upper Nut - 110 N•m (11 kg-m, **81 ft-lb**)
- Steering Knuckle Lower Nut - 97.5 N•m (9.9 kg-m, **72 ft-lb**)
- Wheel Hub Lock Nut - 110 N•m (11 kg-m, **81 ft-lb**)
- Strut Mount Insulator Bolts (Can Reuse) - 35 N•m (3.6 kg-m, **26 ft-lb**)
- Transverse Link Nuts - 145 N•m (15 kg-m, **107 ft-lb**)
- Brake Torque Member - 180 N•m (18 kg-m, **133 ft-lb**)

**WARNING**

To avoid the risk of death or severe personal injury, stake the new wheel hub lock nut after torquing to specification.

- Refer to the ESM: **TRANSMISSION AND DRIVELINE > FRONT AXLE > REMOVAL AND INSTALLATION > FRONT DRIVE SHAFT > LH > PR25DD > FRONT DRIVE SHAFT (LH SIDE) > Removal and Installation**

2. Torque the wheel nuts to specification.

- Wheel nut torque: 113 N•m (12 kg-m, **83 ft-lb**)

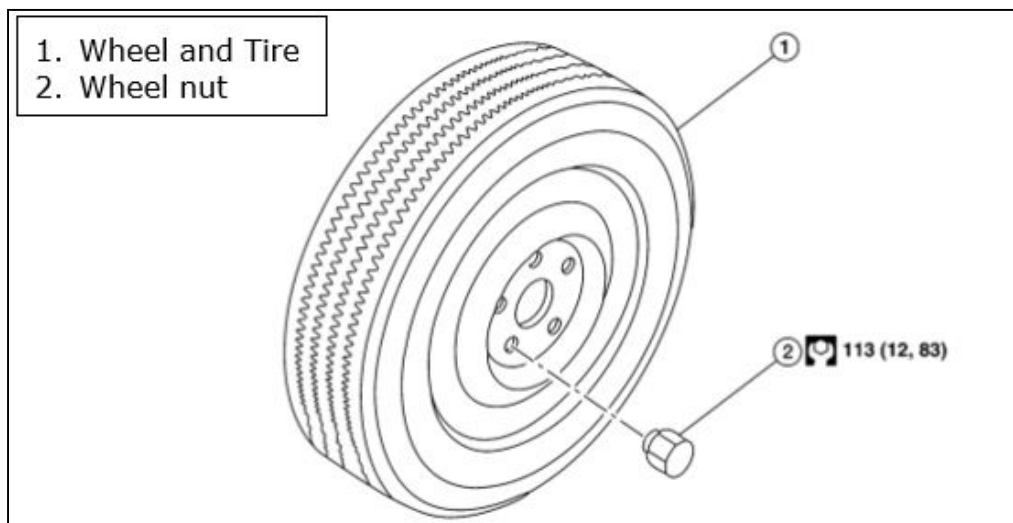


Figure 2

3. Check wheel alignment.
  - Refer to the ESM: **SUSPENSION > FRONT SUSPENSION > PERIODIC MAINTENANCE > WHEEL ALIGNMENT > WHEEL ALIGNMENT: Adjustment**
4. Using an appropriate cutting tool, cut the removed coil spring into two pieces.
  - Properly dispose of the coil spring in accordance with local and state regulations.

### PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
SPRING – FRONT	54010-6CB0A	1
NUT	54588-JA005	2
NUT	54588-JA060	2
NUT – HEX	08912-4421A	1
NUT	40262-JA000	2
NUT – LOCK, FRONT WHEEL BEARING	40262-4GA0D	1

### CLAIMS INFORMATION

Submit a “CM” line claim using the following claims coding:

CAMPAIGN (“CM”) ID	DESCRIPTION	OP CODE	FRT
PC933	Replace Left Front Coil Spring and Complete Wheel Alignment	PC9330	2.1

### AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
December 1, 2022	NTB22-102	Original bulletin published