

Classification:
FA03-002b

Reference:
ITB03-028b

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Date:
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2003 – 2004 G35; STEERING DRIFT TO THE RIGHT

This bulletin amends ITB03-028. This version amends the Applied Vehicles and the Service Procedure.
Please discard all paper copies of the earlier versions.

APPLIED VEHICLES: 2003 – 2004 G35 (C35 & CV35) Coupe and Sedan
2WD models only

NOTE: This bulletin does not apply to 4WD models.

IF YOU CONFIRM:

The vehicle has a tendency for a constant drift to the right on a straight, flat road at highway speeds.

NOTE: A vehicle is said to drift, if, at 60 mph:

- The vehicle completes a lane change in less than 7 seconds and
- the driver doesn't try to steer the vehicle straight and
- all four wheels pass into the other lane during this time (7 seconds) and
- the vehicle is being driven on a road with a very slight crown of less than 1%.

ACTIONS:

Complete these steps in the following order until the incident is fixed:

1. Check / adjust the tire pressure (all four tires).
2. Check the vehicle "ride height". If the vehicle ride height is uneven, perform the necessary repairs.
3. For G35 sedan only. If the tires are non-directional (see step 6 in the service procedure), rotate the front tires side-to-side.
4. Replace the right front suspension compression rod.
 - Use the new compression rod listed in the Parts Information.

IMPORTANT: The purpose of ACTIONS (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure (starting on page 2) as it contains information that is essential to successfully completing this repair.

Infiniti 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 Infiniti dealer to determine if this applies to your vehicle.

PARTS INFORMATION

DESCRIPTION	FITS	PART #	QTY
ROD—COMPL COMPR, FR SUSP RH	G35 Sedan (2WD Only) with 16 or 17 inch wheels	54468-AC900	1
	G35 Coupe	54468-CD084	1

CLAIMS INFORMATION

Submit a Primary Operation (PO) line claim using the following claims coding:

DESCRIPTION	OP CODE	SYM	DIA	FRT
Rotate Front Tire/Wheel Assemblies (1)	PX20AA	CA	32	0.4 hrs

1. Applies **only** to G35 Sedan with specific tire type as described in Step 6.

AND/OR, IF Required

Submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL Compression Rod – One Side	(1)	MC70AA	CA	32	(2)

1. Reference the Parts Information Table and use the specified P/N as the PFP.
2. Reference the current Infiniti Warranty Flat Rate Manual and use the indicated FRT.

SERVICE PROCEDURE

1. Verify the incident as described in the **IF YOU CONFIRM** section on page 1 of this bulletin.
2. Check / adjust the tire pressure in all 4 tires. Refer to the vehicle door-sticker for tire pressure specifications.
 - A. Road test the vehicle.
 - If adjustment of the tire pressure has fixed the incident, you're finished with this repair.
 - If the incident is not fixed, go to the next step.

3. Check the front vehicle ride height.
 - A. Measure both the left and right side.
 - B. Make a note of the difference between the left and right side.

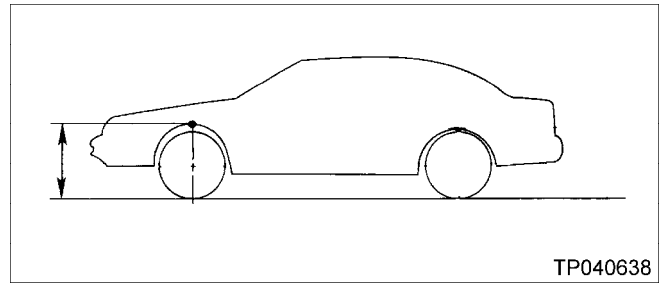


Figure 1

4. Check the rear vehicle ride height.
 - A. Measure both the left and right side.
 - B. Make a note of the difference between the left and right side.

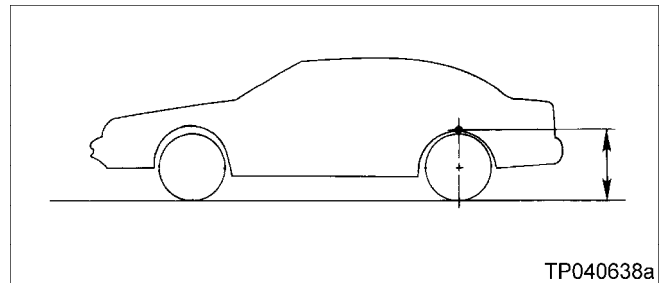


Figure 2

5. Review the ride-height readings from steps 3 and 4 above:
 - A. If the difference between left and right side readings for both the front and rear are **less than** 15 mm (0.6 inch), go to step 6.
 - B. If the difference between left and right side readings for the front or rear is **more than** 15 mm (0.6 inch):
 - a. Repair the vehicle suspension as necessary.
 - b. Road-test to check it again for a drift.
 - If the incident is fixed, you're finished with this repair.
 - If the incident is not fixed go to step 6.

6. This Step is for G35 **sedan only**. If you have a G35 coupe, skip to step 7.
- a. If the tires on your G35 sedan have a directional arrow as show in Figure 3, skip to step 7.

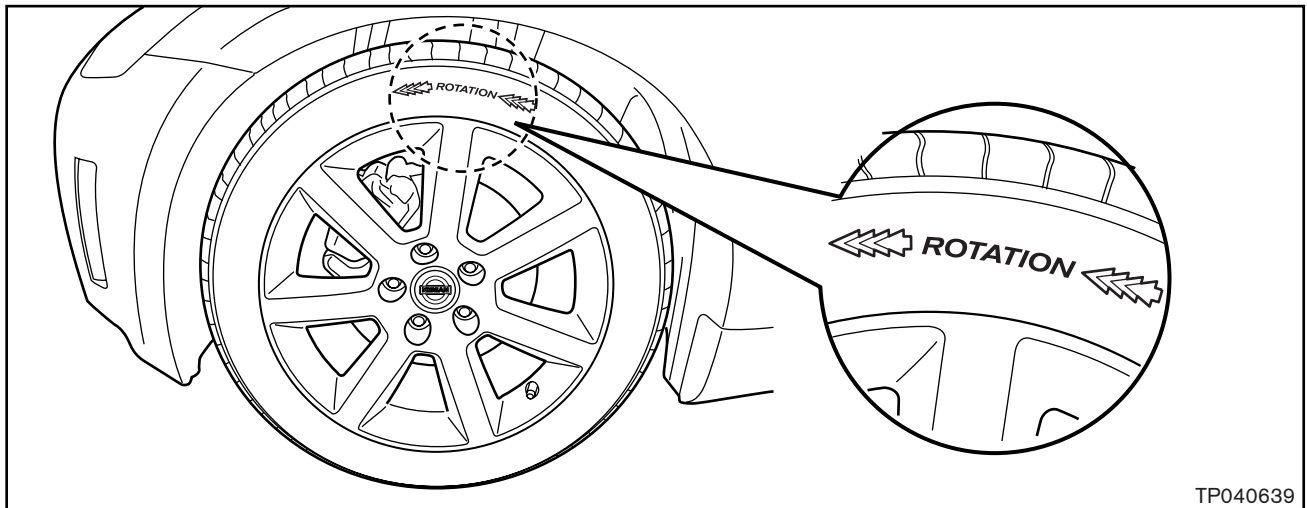


Figure 3

- b. If the tires do not have a directional arrow, swap / rotate the front tires and wheel assemblies side-to-side.
- c. Road-test the vehicle.
- If the incident is fixed, you're finished with this repair.
 - If the incident is not fixed, go to step 7.
7. Replace the right front compression rod.
- Use the correct compression rod listed in the Parts Information.
 - Re-use the tapered (cone shape) sleeve from the spindle side of the compression rod end (see Figure 1).
 - Refer to the FSU section of the Electronic Service Manual for details.

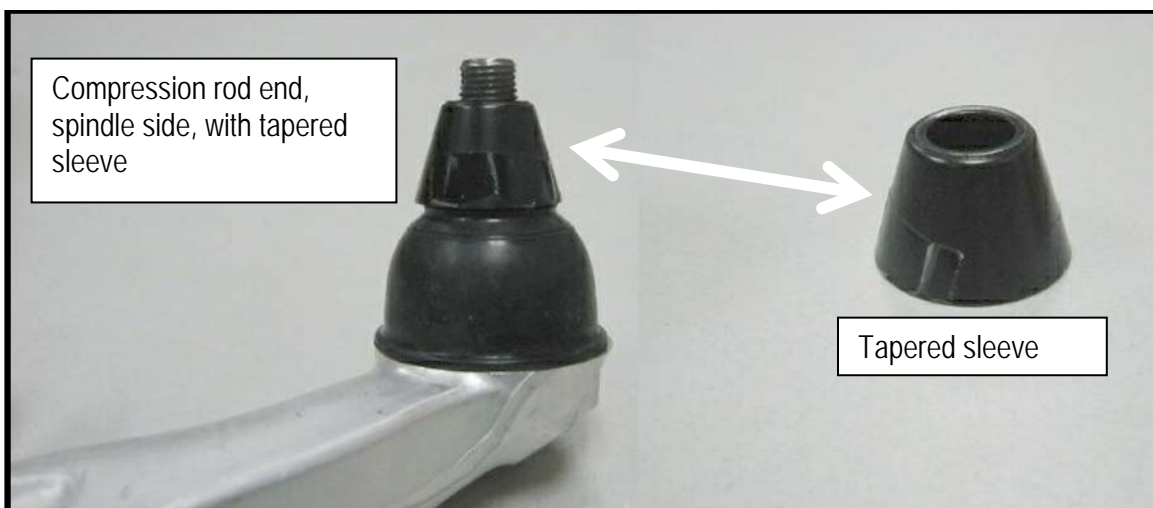


Figure 1

8. Road test to verify the incident is fixed.