



Reference:
ITB07-011

Date:
April 13, 2007

VOLUNTARY RECALL CAMPAIGN 2006 – 2007 G35 COUPE HEADLAMPS

CAMPAIGN I.D. # R0612
NHTSA #: 06V-394
APPLIED VEHICLES: 2006 – 2007 G35 Coupe (CV35)
APPLIED VINs: 2006; JNKCV54E(*)6M 700026 – 722821
2007; JNKCV54E(*)7M 900002 – 902606

NOTE: Use Infiniti Net to confirm campaign eligibility.

INTRODUCTION

Infiniti has determined that on some model year 2006 through 2007 Infiniti G35 Coupe vehicles, the headlamps fail to comply with certain requirements set forth in Federal Motor Vehicle Safety Standard (FMVSS) No. 108.

The standard specifies, among other things, the performance requirements for headlamps in passenger vehicles. One of these requirements specifies the vertical gradient values for headlamps. Another specifies minimum and maximum light intensity of headlamps at certain test points. The headlamps in the vehicles subject to this TSB may not meet these requirements. This means that the headlamp aim may be difficult to adjust. Also, the headlamps may be too dim when viewed at certain angles. Reduced visibility increases the risk of your vehicle being involved in a crash. Improper aiming of headlamps can increase glare. To correct this condition, Infiniti is conducting a Voluntary Recall Campaign to replace the existing headlamps with new and compliant lamps free of charge.

IDENTIFICATION NUMBER

Nissan has assigned identification number R0612 to this campaign. This number must appear on all communications and documentation of any nature dealing with this Campaign.

NUMBER OF VEHICLES POTENTIALLY AFFECTED

The number of vehicles potentially affected is approximately 23,934.

DEALER RESPONSIBILITY

It is the dealer's responsibility to check Infiniti Net for the campaign status on each vehicle falling within the range of this voluntary safety recall which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory. **Federal law requires that new vehicles in dealer inventory which are the subject of a safety recall must be corrected prior to delivery under a sale or lease. Failure to do so can result in civil penalties by the National Highway Traffic Safety Administration.** While federal law applies only to new vehicles, Infiniti strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

SERVICE PROCEDURE

1. Make sure the Headlamps are turned OFF.
2. Remove the 6 grill clips shown in Figure 1.

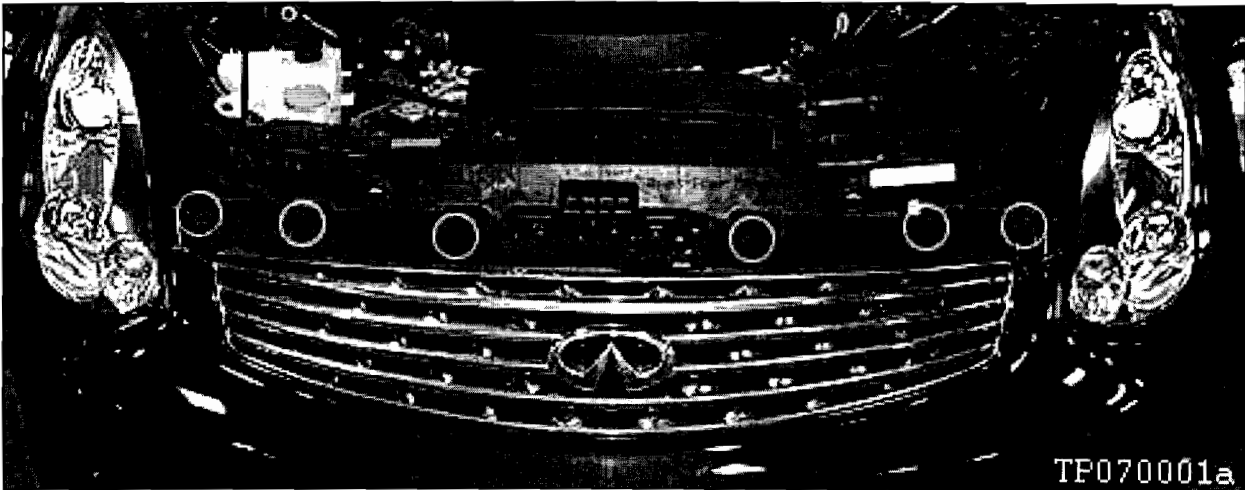


Figure 1

3. Remove the 10 bolts shown in Figure 2 from the underside of the front fascia.

NOTE: The engine undercover will not be removed, just let it hang down.

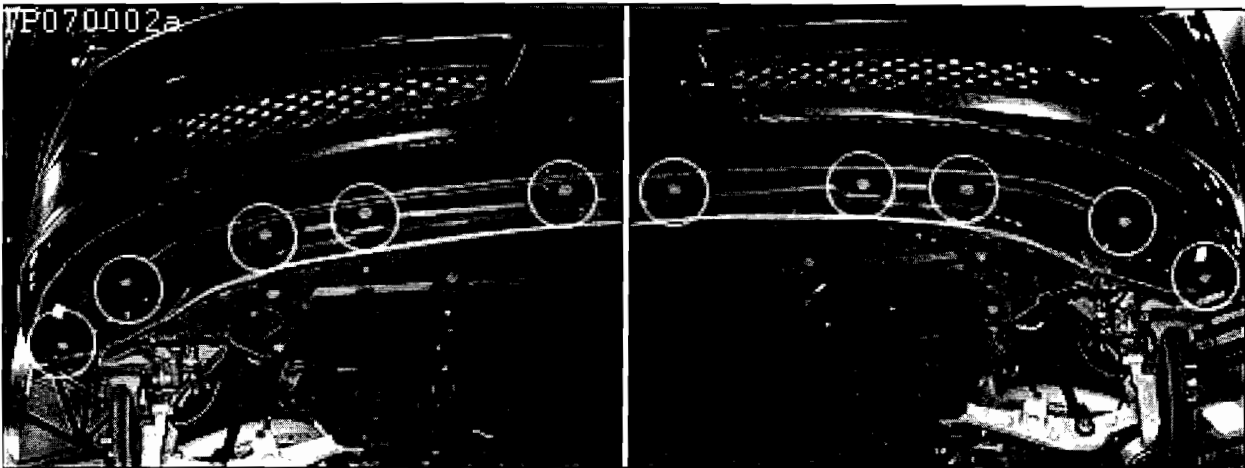


Figure 2

4. Remove the 3 clips and 1 screw from the left and right front fender protectors.

NOTE:

- The fender protectors will not be completely removed. Just take them loose at the front so you can get to the side marker lights and bumper fascia fasteners.
- It may be easier to remove the clips and screws if the wheels are turned to the left and/or right.

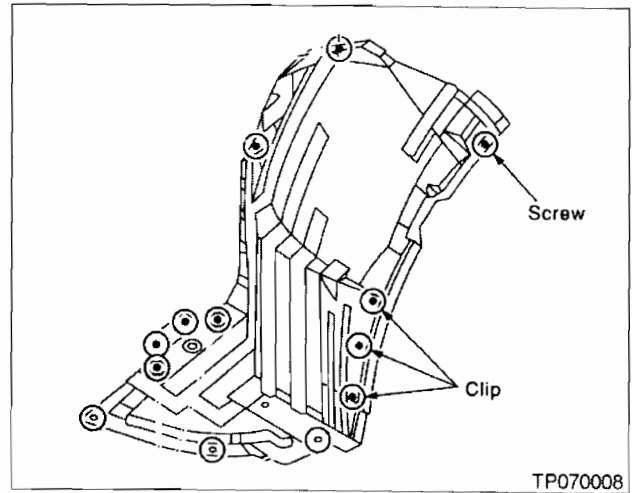


Figure 3

5. Remove the fender to bumper fascia bolts.

- 2 bolts on each side.

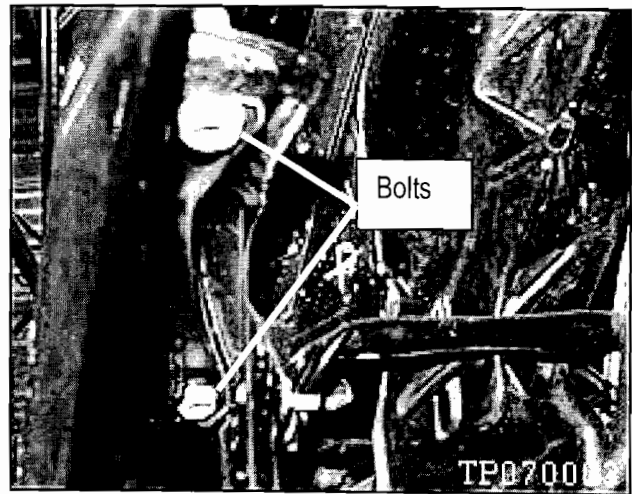


Figure 4

6. Remove the side marker lamps from the bumper fascia, both sides.

- a. Disconnect the electrical connector.
- b. Push the metal tab and pull the lamp away from the bumper fascia.

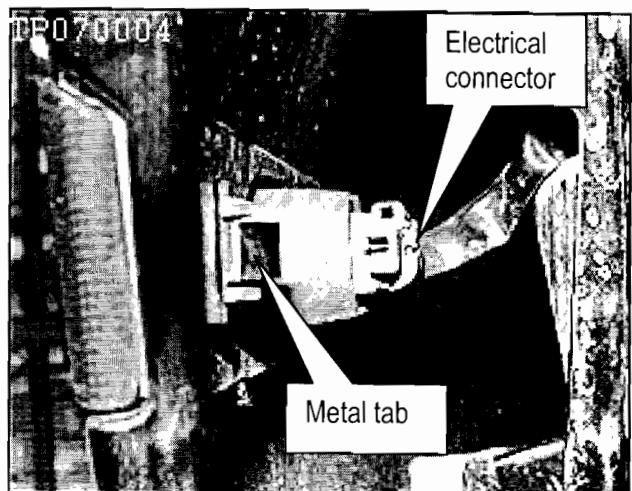


Figure 5

7. Hold the bumper fascia as shown in Figure 6 and carefully pull it loose from the corner support clip.

- Do this for both the left and right side corners.

NOTE: The corner support clip is behind the fascia at about the center of the headlamp.

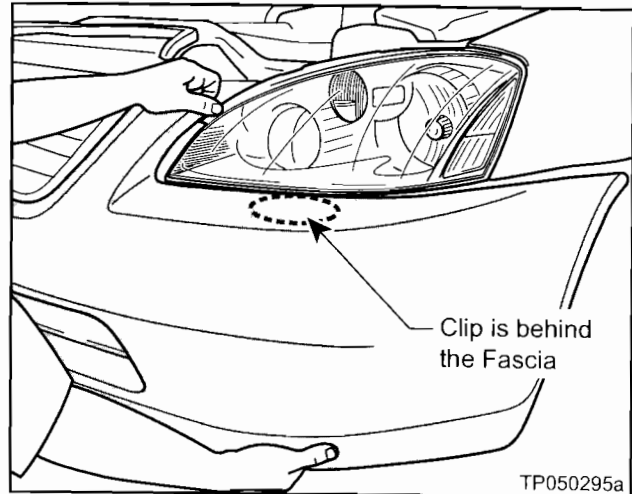


Figure 6

8. Carefully lift off the bumper fascia (don't scratch it) and place in out of the way.

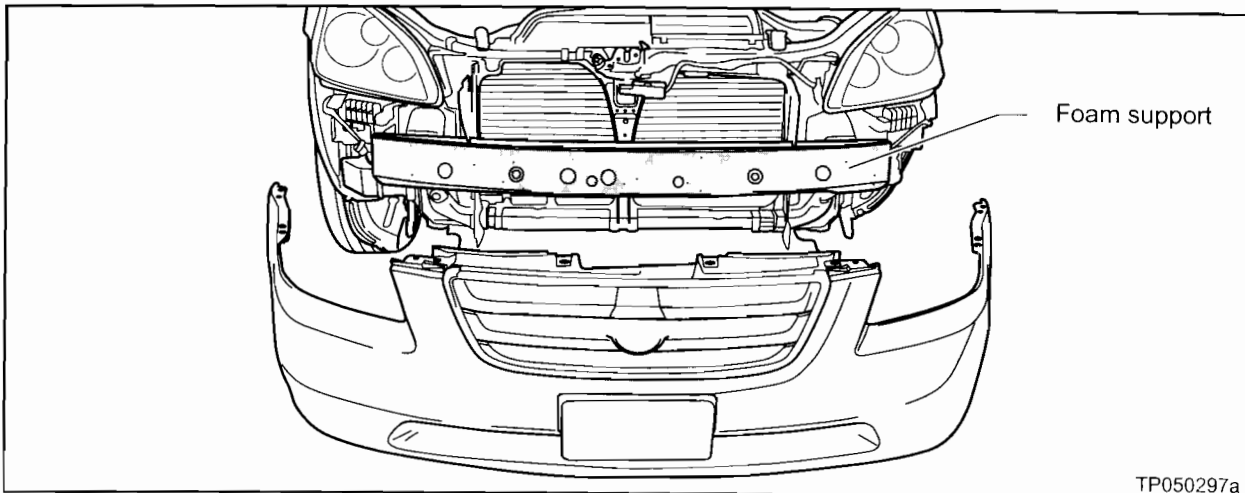


Figure 7

CAUTION: Make sure the headlamps are turned OFF before disconnecting the headlamp electrical connectors.

9. From the back side of the headlamp assembly disconnect the headlamp electrical connector, both sides.

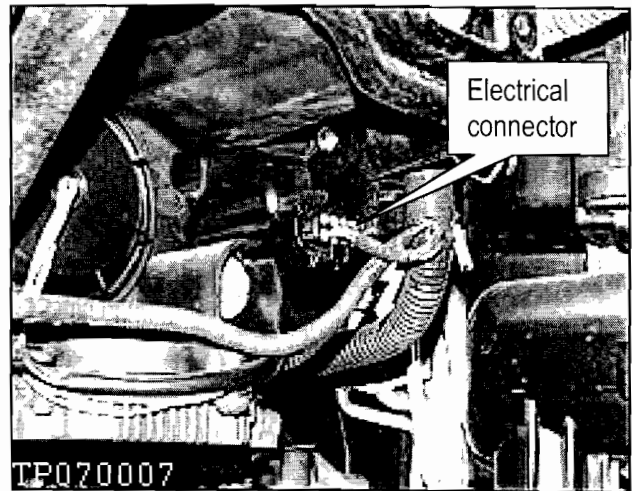


Figure 8

10. Remove the 4 headlamp bolts from both head lamps.

NOTE: The side bolt is shorter than the other 3 bolts.

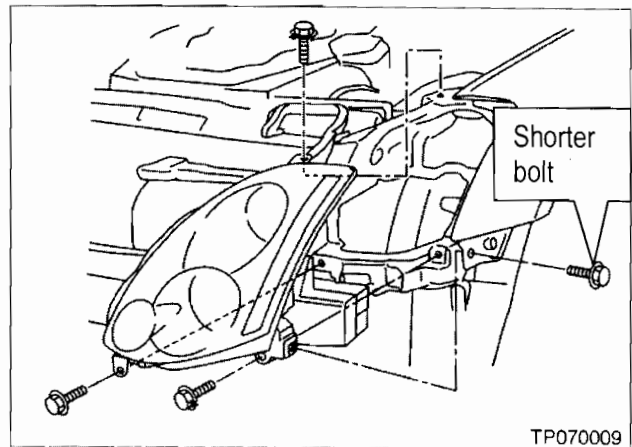


Figure 9

11. Remove both headlamps and place them in a clean working area.

12. Swap the HID control units from the old headlamp assemblies to the new headlamp assemblies as follows:

- a. Disconnect the HID control unit connector shown in Figure 10.
- b. Remove the 3 screws for the HID control unit.

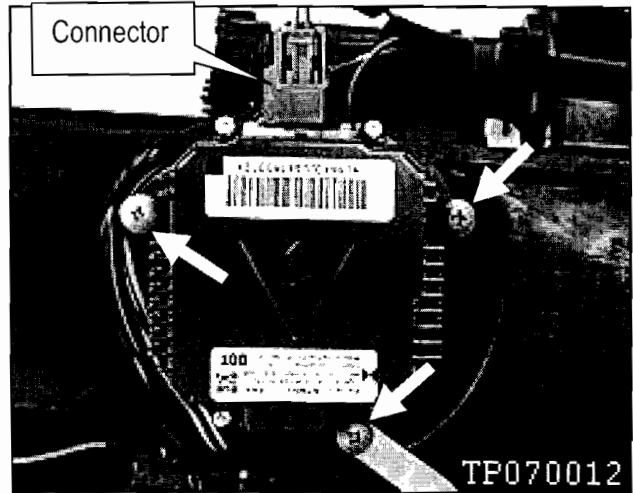


Figure 10

- c. Turn the HID control unit over and remove the harness screw.
- d. Disconnect the HID control unit connector.
- e. Replace the rubber O-ring seal with the new one included with the headlamp kit.

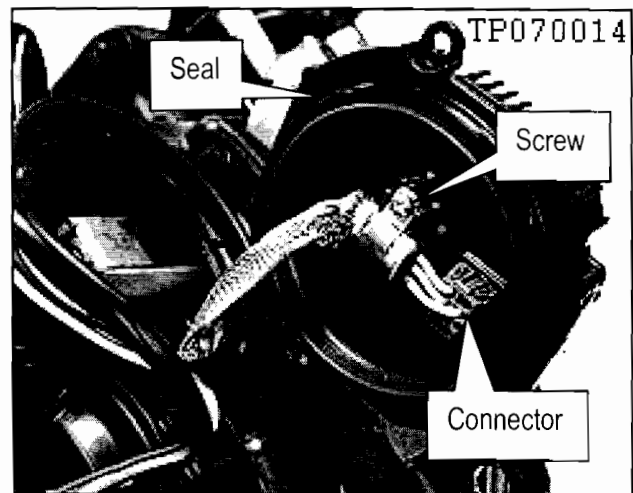


Figure 11

- f. Install the HID control units on the new headlamp assemblies in reverse order.

CAUTION:

- The headlamp lenses can be permanently damaged (scratched) if not handled carefully.
- It is recommended that a protective covering be used over the new headlamp lenses while installing the bumper fascia.
- A protective covering will prevent damage to the headlamp lenses while working with them and around them.
- Make sure to remove any protective covering after installing the bumper fascia.

13. Install the headlamp assemblies on the vehicle.

14. Reconnect the headlamp electrical connectors; make sure the headlamps operate correctly.

15. Reassemble all parts removed in reverse order.

- Make sure to align the holes on the side of the bumper fascia with the dowels on the fender.

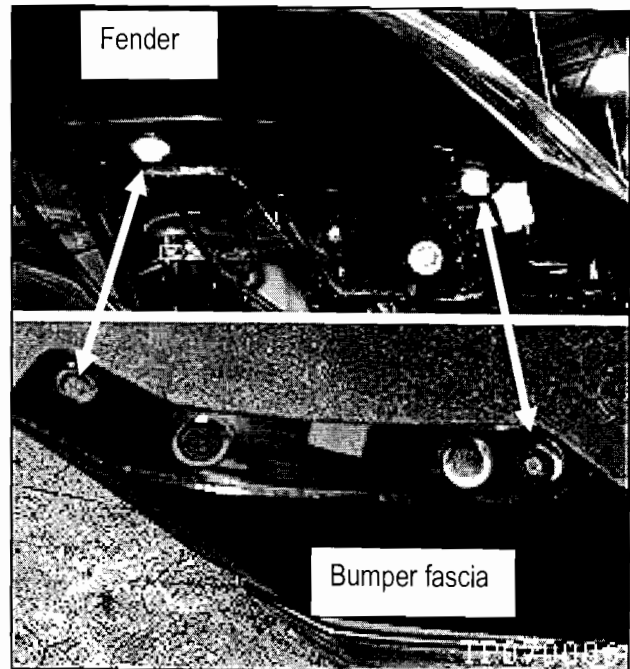


Figure 12

16. Make the old headlamp assemblies unusable by drilling a 3/8 inch hole in the headlamp lens.

NOTE:

- There is a three day warranty parts hold before scrapping the headlamp assemblies.
- The headlamp xenon bulbs should be disposed of in accordance with local and state regulations.

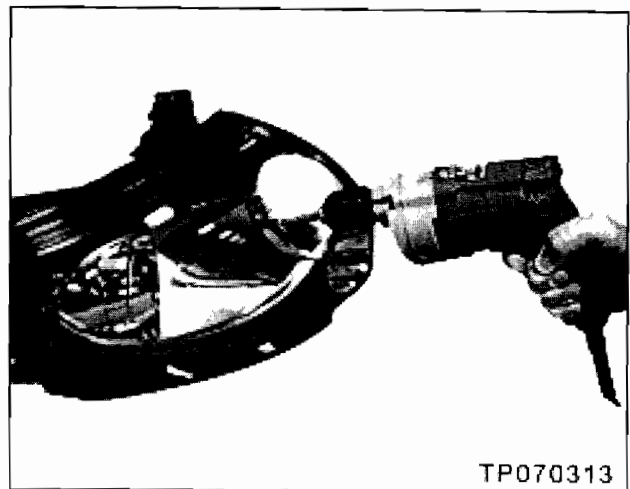


Figure 13

CHECK HEADLAMP AIM (next page)

17. Check headlight adjustment (aim) as shown in Figure 14.

- Make sure all tires are inflated to correct pressure.
- Make sure there is no load in the vehicle other than the driver (or equivalent weight in the driver's seat), coolant and engine oil are filled to the correct level, and the fuel tank is full.
- Place vehicle on a flat level surface.
- Basic illuminating area for adjustment should be within the range shown in this aiming chart.

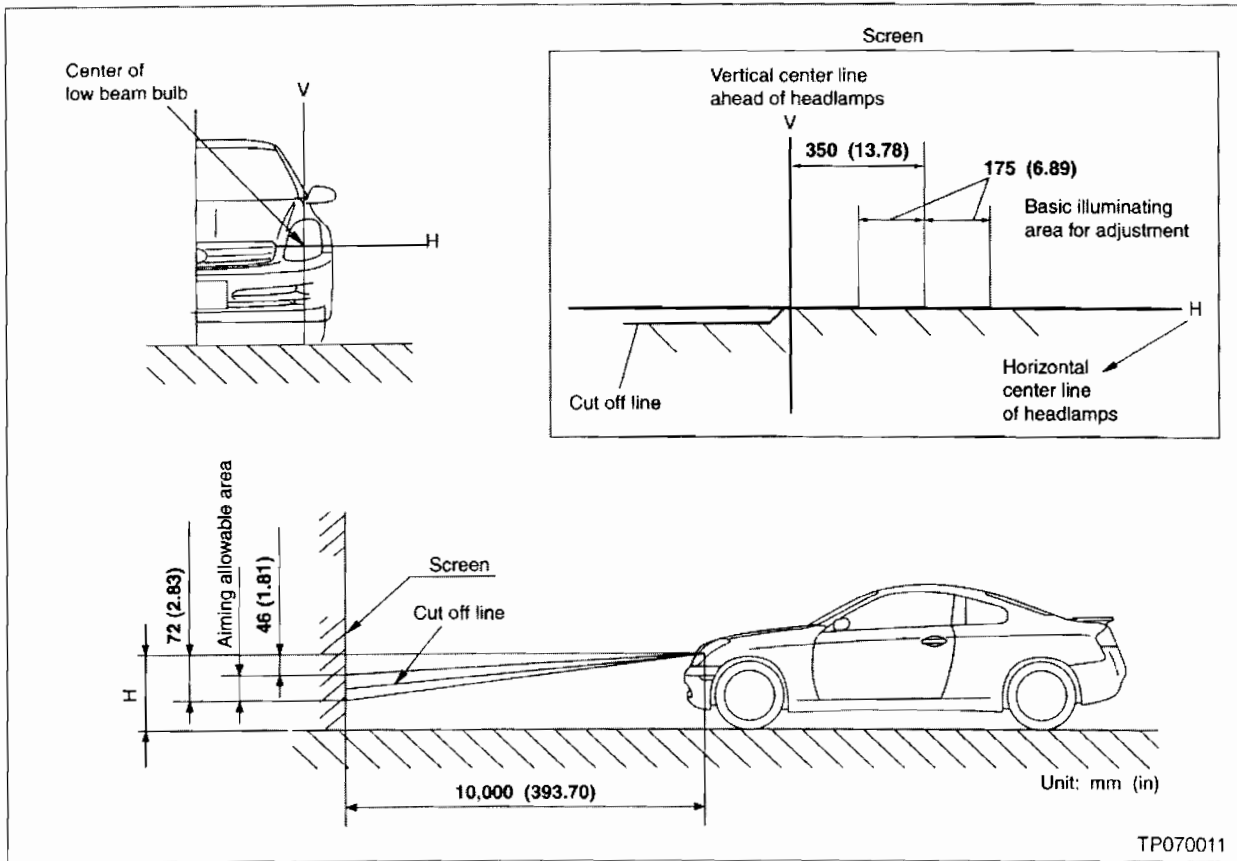


Figure 14

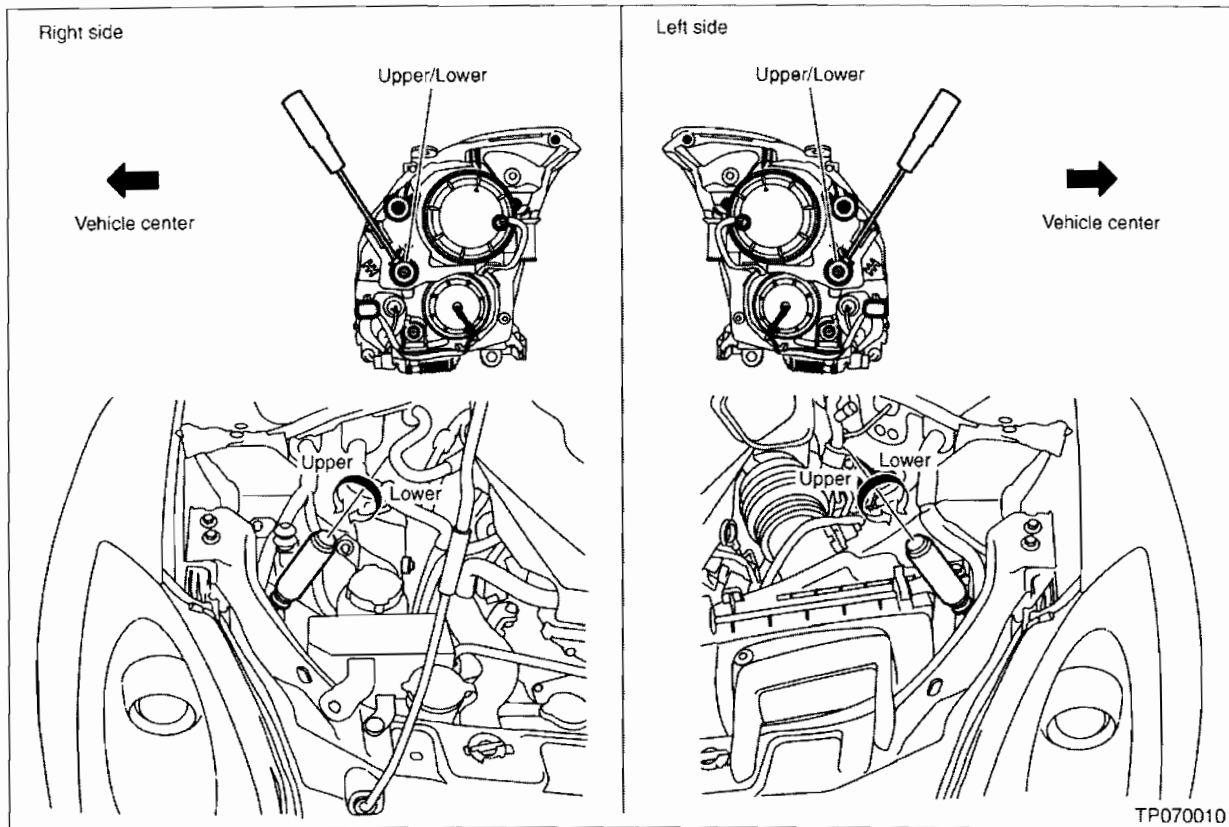


Figure 15

PARTS INFORMATION

DESCRIPTION	PART #	QTY
Headlamp Assembly - Kit (Kit includes left and right headlamp)	B6000-CM40C	1

CLAIMS INFORMATION

Submit a Campaign (CM) line claim using the following claims coding:

“CM” I.D.: R0612

DESCRIPTION	OP CODE	FRT
RPL Both Headlamps	R06120	1.2 hrs

NOTE:

- There is a three day warranty parts hold before scrapping the headlamp assemblies.
- The front headlamp xenon bulbs should be disposed of in accordance with local and state regulations.

OWNER'S LETTER

Dear Infiniti owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Infiniti has decided that the headlamps on some 2006 through 2007 model year Infiniti G35 coupe vehicles fail to comply with certain requirements in Federal Motor Vehicle Safety Standard (FMVSS) No. 108, "Lamps, Reflective Devices and Associated Equipment."

Reason for Recall

FMVSS No. 108 specifies, among other things, the performance requirements for headlamps in passenger vehicles. One of these requirements specifies the vertical gradient values for headlamps. Another specifies minimum and maximum light intensity of headlamps at certain test points. The headlamps in your vehicle may not meet these requirements. This means that the headlamp aim may be difficult to adjust. Also, the head lamps may be too dim when viewed at certain angles. Reduced visibility increases the risk of your vehicle being involved in a crash. Improper aiming of headlamps can increase glare.

All other requirements of FMVSS No. 108 are met.

What Infiniti Will Do

Your Infiniti dealer will replace your headlamps with new compliant lamps. This free service should take about 2 hours to complete, but your Nissan dealer may require your vehicle for a longer period of time based upon their work schedule.

What You Should Do

Please contact your Infiniti dealer and make an appointment to have them install the new headlamps at **no charge** to you. Please bring this notice with you when you keep your service appointment. If the dealer fails, or is unable to make the necessary repairs free of charge, you may contact the National Consumer Affairs Department, Infiniti Division, Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003. The toll free number is 1-800-662-6200. You may also contact the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, SW., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Thank you for your cooperation. We are indeed sorry for any inconvenience this may cause you.