

# SPEC-D *Tuning*

## 2005-2006 INFINITI G35 SEDAN **PROJECTOR HEADLIGHTS** INSTALLATION INSTRUCTIONS

If you experience any difficulties that the instruction did not cover, Please seek assistance at a local automotive shop

Please wear protection before you work on any vehicle.



An assistant is useful when removing the front bumper from your vehicle.

Please be cautious when working with the bumper or any parts belonging to the vehicle's body to prevent scratching.

Do not make direct contact with the halogen bulbs or the wire assembly until the unit has cooled down after use.

### TOOLS AND SUPPLIES REQUIRED

¼" Drive Ratchet      Trim Pad Remover  
6" Extension  
10mm Socket  
Phillips Screwdriver

If your Headlight is Halo type, you also need:

Wire Stripper                      4 Blue Female Quick Wire Connectors  
Wire Crimper                      2 Red Wires (8 inch)  
4 Blue Quick Splice Wire Connectors      2 Black Wires (8 inch)  
4 Blue Male Quick Wire Connectors

### Product Part Numbers:

LHP-G35054-TM  
LHP-G35054JM-TM  
LHP-G35054G-TM



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1. (10) 10mm bolts location



2. Remove the (10) 10mm bolts



3. Pull the fender liner aside



4. (2) 10mm bolts location



5. Remove the (2) 10mm bolts



6. (6) plastic clips location



7. Remove the (6) plastic clips



8. Remove the (6) plastic clips



9. Remove the front bumper



10. Remove the impact absorbing foam



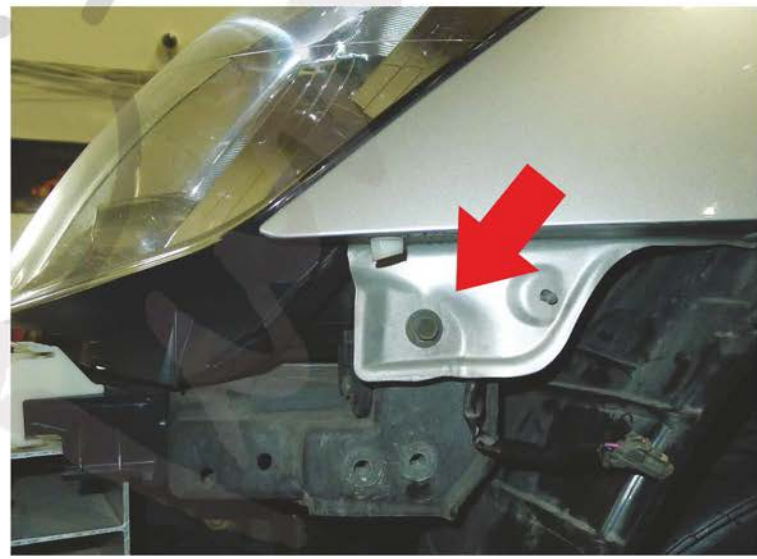
11. (2) 10mm bolts location



12. Remove the (2) 10mm bolts



13. Remove the (2) 10mm bolts



14. 10mm bolt location



15. Remove the 10mm bolt



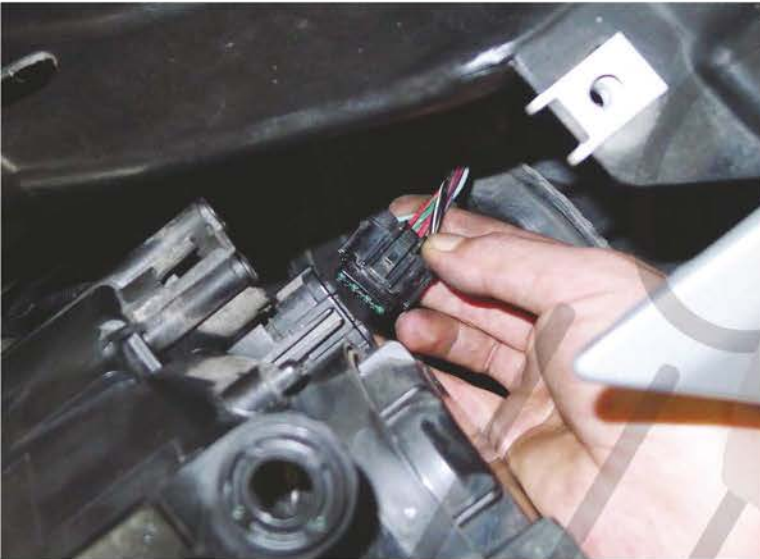
16. 10mm bolt location



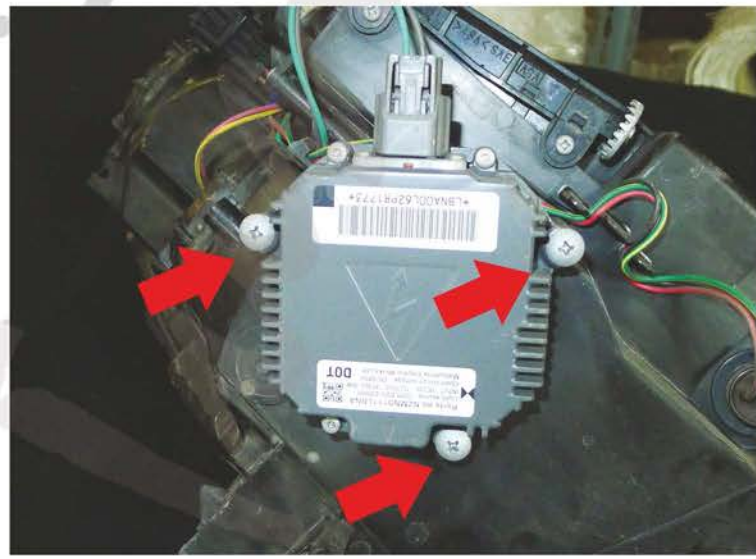
17. Remove the 10mm bolt



18. Remove the headlight



19. Disconnect the headlight harness



20. (3) phillips head screws location



21. Disconnect the harness



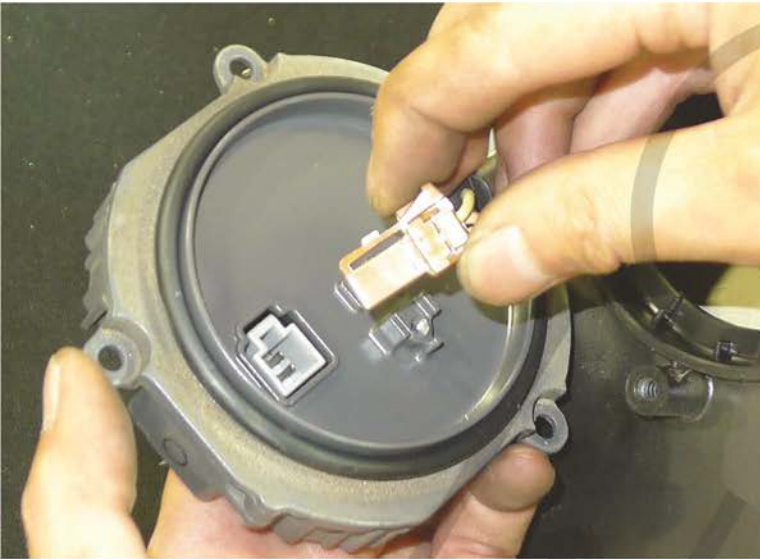
22. Remove the (3) phillips head screw



23. Back of the ballast



24. Remove the phillips head screw



25. Disconnect the ballast harness



26. Remove the light bulb access hole cover



27. Disconnect the ground wire



28. Disconnect the HID light socket



29. Remove the HID light bulb



30. Remove the HID light bulb



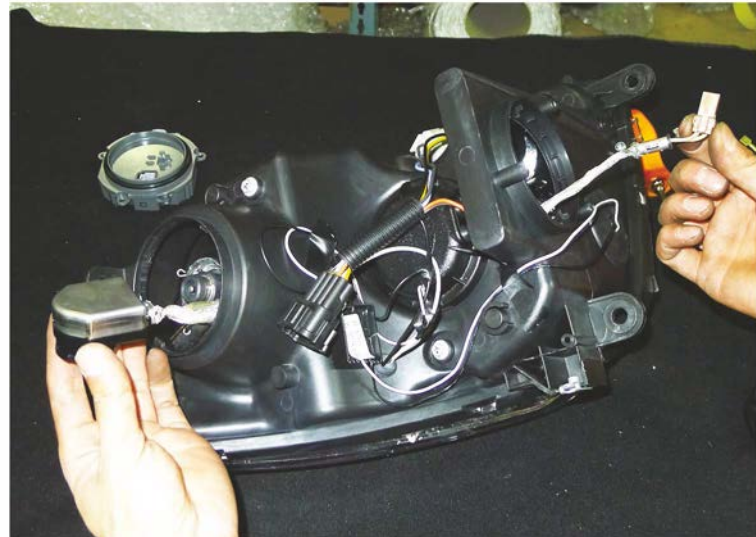
31. Remove the access hole cover from the projector headlight



32. Install the HID light bulb in the projector headlight



33. Run the HID light socket harness through the projector headlight



34. Run the HID light socket harness through the projector headlight



35. Connect the light socket to HID bulb



36. Replace the access hole cover



37. Connect the HID socket harness to the ballast



38. Secure with the phillips head screw



39. Tighten the (3) phillips head screws



40. Connect the headlight harness to the ballast





41. Connect the projector headlight to the headlight harness  
Please see the " L. E. D. headlights installation instructions"  
If your headlights don't have L.E.D. You can skip the installation instruction.



42. Place the projector headlight in the stock location



43. Tighten the 10mm bolt



44. Tighten the 10mm bolt



45. Tighten the 10mm bolt



46. Tighten the 10mm bolt



47. Replace the front bumper



48. Tighten the (2) 10mm bolts



49. Replace the (6) plastic clips



50. Tighten the (10) 10mm bolts.  
Please repeat the steps from 1 to 50 for the opposite side



51. The installation is now complete.