

Part Number: SIQ-312 / SIQ-812



Kit Contents

Item #	Quantity Reqd.	Description
1	2	Fog Lamps
2	2	Fog Light bezels
3	1	Switch Assembly
4	1	Fog Light Operation guide
5	1	Harness Bag

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1	Switch harness
2	1	Relay
3	4	Phillip head screws
4	2	LED Connectors (for SIQ-812)

Conflicts

- Factory Installed Fog Lights

General Applicability






Models:

Recommended Tools

Safety Tools	
Safety Glasses	
Electrical Tape	
Installation Tools	
10mm Wrench	
Phillips Screw Driver	
Pliers	
Side Cutters	
Special Chemicals	
3M Silicon Sealant	


Mandatory

Legend

	STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.
	OPERATOR SAFETY: Use caution to avoid risk of injury
	CRITICAL PROCESS: Proceed with caution to ensure a quality installation.
	TOOLS & EQUIPMENT: This calls out the specific tools and equipment required for this process
	REVISION MARK: This mark highlights a change in installation with respect to previous issue.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure quality installation.

Preparation

 Remove negative battery cable

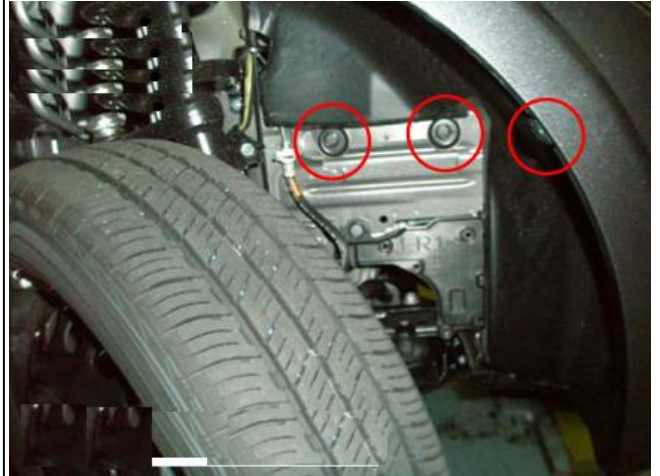
Vehicle Disassembly

1. Remove screw from fender liner (picture 1).



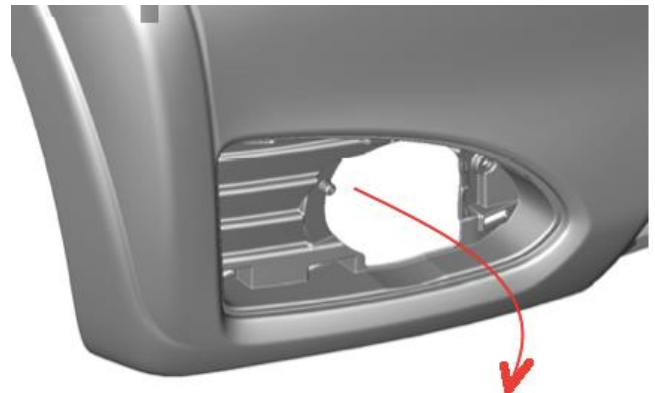
Picture 1

2. Remove fasteners inside fender liner (picture 2)



Picture 2

- 3. Repeat steps 1 and 2 on both sides of vehicle
- 4. Remove existing fog light cover on both sides (picture 3)



Picture 3

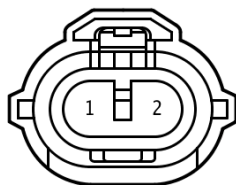
Installation

- 5. Locate the factory fog light harness and connector behind the fog light opening.

6. For Halogen installations proceed to step 7.

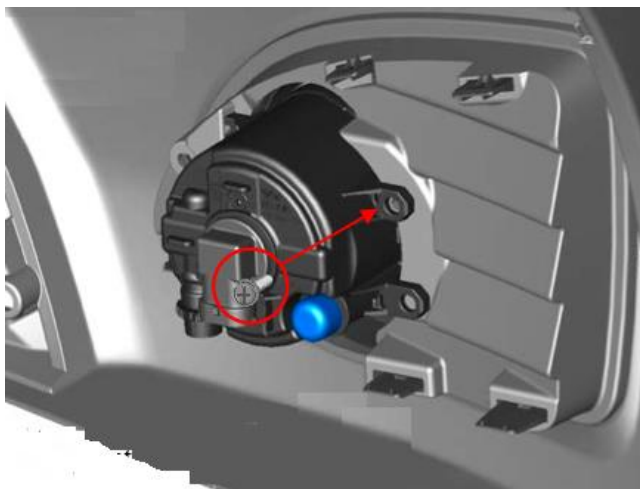


For LED installations: LED Lights will NOT work if the polarity is reversed. Be sure the red positive wire of the harness matches the red positive wire of the light housing, and the black negative wire of the harness matches the black negative wire of the light housing. If the polarity is incorrect, de-pin the wires and reinsert them to match the polarity.



Picture 4

- 7. Lamps are marked for installation on the left or right side of vehicle.
- 8. From behind, install fog lamp into bumper and secure with supplied screws (picture 5)



Picture 5

9. Connect to fog lights to fog light harness (picture 6)



Picture 6

10. Snap the both fog light bezels into place (picture 7)



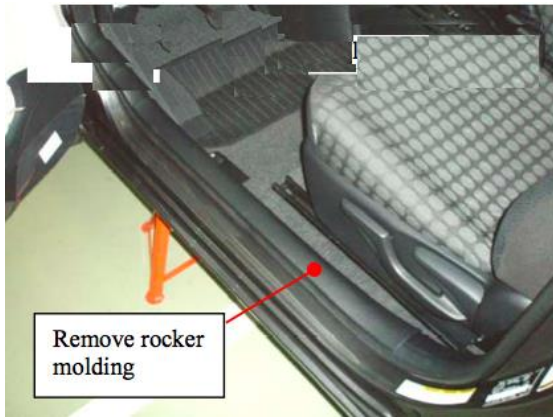
Picture 7

11. Reinstall fender liners

RELAY INSTALLATION

Optional Step:

12. Remove rocker panel (picture 7)



Picture 7

Optional Step:

13. Remove side-kick panel (picture 8)



Picture 8

Optional Step:

14. Remove lower instrument panel by removing two screws and pulling cover off (picture 9)

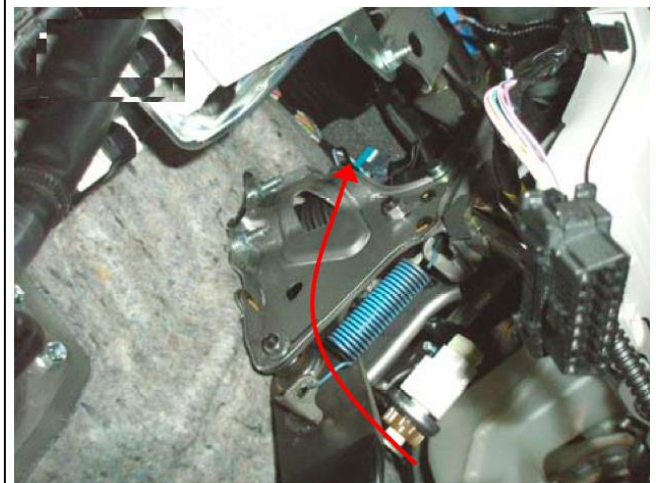


Picture 9

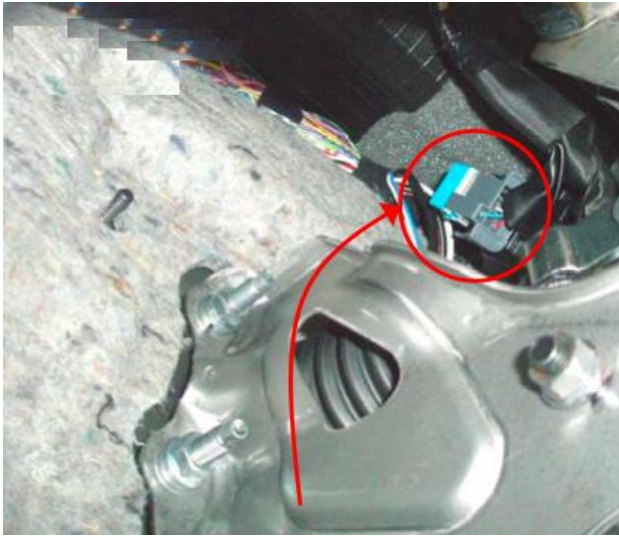
15. Look up under instrument panel from left (pictures 10A ~ 10C)



Picture 10A



Picture 10B



Picture 10C

16. Locate the gray receptacle. Plug relay into top of this receptacle (light blue object, picture 11)

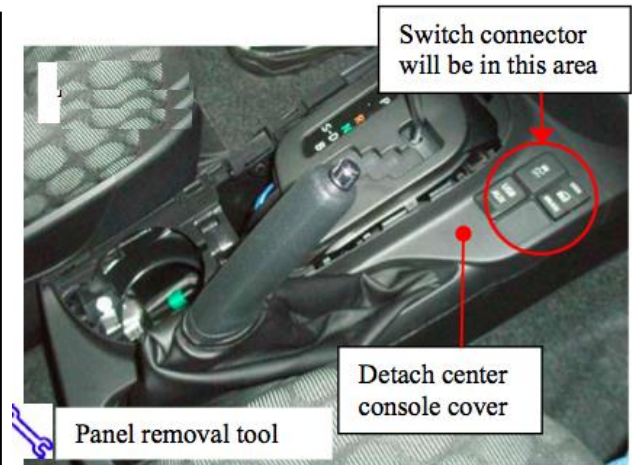


Picture 11

17. Reinstall all panels

SWITCH INSTALLATION

18. Detach center console cover (picture 12)



Picture 12

19. Remove switch knock-out from console panel (picture 13)



Picture 13

20. Locate the existing factory wire harness (picture 14)



Picture 14

21. Connect the switch wire harness adapter and then connect switch (pictures 15 & 16)



Picture 15



Picture 16

22. Reinstall center console panels

23. Reconnect negative battery cable.
Torque to 48 in-lbs.

Checklist – these points **MUST** be checked to ensure quality installation

Check System for Operation

1. Check that battery is connected
2. Turn on headlamp low beams, then press fog light switch to “ON” position. Fog lights should be working. Fog lights will only work when the low beam headlamps are “ON”. Fog lights will NOT work when the high beam headlamps are “ON”

Fog Light Aiming

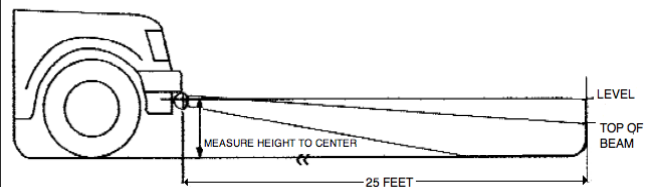


NOTE: Use only hand tools to adjust the fog light aiming screw. DO NOT use power assisted tools, as they will damage the fog light.

Traditional fog lights are usually mounted in the front bumper about 10-24 inches from the ground. There are two important issues to address when installing fog lights: the first is to minimize the amount of return glare into the driver’s eyes, and the other is to minimize the glare into oncoming eyes. Both of these issues must be accomplished while putting as much light as possible on the road.

These fog weather light aiming instructions are suggestions taken from common practice and the S.A.E. standard J583. Some modifications to these instructions may be necessary to minimize glare.

Visual aim is made with the top of the beam 4 inches below the lamp center at 25 feet with the lamp facing straight forward (see picture 17)



Picture 17

Check

Accessory Functions Checks

- Fog Lights function
- All Panels snapped into place.....
- Battery Terminal.....

Vehicle Function checks

- Check all vehicle functions

Look For:

- Inoperable fog light function
- Loose panels and switches
- Re-torque battery terminals to 48 in-lbs.

VEHICLE FUNCTION CHECK

AFTER ALL PANELS, COVERS AND COMPONENTS THAT WERE REMOVED HAVE BEEN REINSTALLED, TEST THOROUGHLY ALL MECHANICAL AND ELECTRICAL COMPONENTS DISCONNECTED AND/OR REMOVED FROM THE VEHICLE DURING THE INSTALLATION OF THIS ACCESSORY