


visualInstall Series

	Project	Application	Original Release
	'05-'06 FOG LIGHT INSTALLATION	2005-2006 RSX	Jan 2005 Date vS-PDF Issued Dec 2006

PARTS LIST

Acura fog light kit, part #: 08V31-S6M-212.
Check parts list before continuing:

2 fog lights (left and right):



2 fog light trims (left and right):



2 brackets (left and right):



2 sub-brackets (left and right):



1 switch harness:



1 fog light harness:



1 switch:



1 relay:



2 lock washers:



1 wire tie with clip:



1 fuse label:



24 wire ties:



TOOLS AND SUPPLIES INCLUDED/ REQUIRED

- 4 stepped screws
- 2 washer-screws, 4 x 8 mm
- 2 washer-bolts, 5 x 12 mm
- 8 washer-screws, 5 x 16 mm
- 8 spring nuts
- 2 lock washers



INSTALLATION

NOTE:

- Difficulty Level: [08/10] advanced
- Time required: 2½ - 3 hours

I. INSTALLING THE FOG LIGHTS

1. It is highly recommended that you disconnect the battery. Failure to do so may result in electrical hazard. To disconnect the battery, disconnect the positive (+) cable from the battery, and release the clip from the holder bolt. **BE SURE YOU HAVE YOUR AUDIO SECURITY CODE!** At this point, you may elect to remove the battery altogether for easier access to the chassis where you will be routing the fog light harness.
2. The next step requires the removal of the fog light lids. The lid is secured onto the bumper by two retaining tabs and 1 hook. If you have trouble removing the lids, you may slip your hand through the center grill, work your way toward the back of the lid and push it out:



3. Remove the two self-tapping screws and one clip, then pull the inner fender out towards the wheel, so the interior is exposed.



Repeat for the opposite side



4. Remove the windshield washer tank filler neck clip from its holder:



5. Locate the 1-pin connector that is blue-taped to one of the main wire harness routed somewhere underneath the relay box and remove the blue tape:



6. Connect the 1-pin connector of the fog light harness to the 1-pin connector of the vehicle harness you've just freed:



7. Route the fog light harness 2-pin connector (short end) down into the front bumper through the same hole as the windshield washer tank:



8. Reach through the driver side fog light opening and pull the 2-pin connector down from the windshield washer reservoir, then let it hang outside of the fog light opening on the bumper:



9. Route the fog light harness 2-pin connector (long end) along the vehicle harness behind the left headlight and inside the bulkhead upper frame toward the right (passenger's) side of the vehicle:



- Remove the power steering reservoir and continue routing the fog light 2-pin connector behind the right headlight along the main harness, then hang it down the front bumper through the hole at the rear of the right headlight:



- Secure the fog light harness 1-pin connector connected behind the left headlight to the main harness with one wire tie:



- Secure the fog light harness to the main harness and the bracket on the left (driver's) side of the vehicle using three wire ties in the area shown:



Secure the fog light harness to the hole in the bulkhead upper frame with the wire tie with clip.



Secure the fog light harness to the main harness along the front bulkhead with three wire ties:



- Pull out the right front-inner fender and remove the vehicle ground bolt from the right front side frame. Secure the ground terminal of the fog light harness with this ground bolt:



- Position the brackets and sub-brackets on the fog light, and install two stepped screws (one for each) and one 4 x 18 mm washer-screw. Check the identification mark on the brackets (R: right; L: left), repeat for the opposite side:



- Slide four spring nuts onto the opening at the side of the front bumper, repeat for the opposite side:



16. Pull out the fog light harness 2-pin connector and plug it into the fog light. Position the fog light on the front bumper, and install three 5 x 16 mm washer-screws and one 5 x 12 mm washer-bolt. See picture and repeat for opposite side:



17. Insert one 5 x 16 mm washer-screw into the hole in the fog light trim in the position shown, and secure the trim with one lock washer from the reverse side:



Attach outer fog light trim onto the hook on the bumper and screw it into place by tightening the 5 x 16 mm washer-screw:



II. ROUTING THE SWITCH HARNESS

18. Remove the driver's dashboard lower cover by locating two knobs and turning them counterclockwise, then pull the cover down to remove the retaining tabs from their corresponding hooks:



19. Next, locate the driver's side dashboard undercover and turn the knob counterclockwise. Pull the cover down towards the pedal to unhook the retainer clip, then pull the cover towards the driver seat to remove the cover from its holder:



20. Pull the center cover towards you to release one retaining tab and six clips. This is easier said than done, especially if you are worried about breaking parts and panels. If you have nails, pry off the indentation on the edges. If you do not have nails, then use a very thin flathead screw driver:



Carefully work your way around the edges, pulling the cover outward and removing them from the clip holders.

Once the lower center cover piece is re-

moved, let's unplug the 2-pin connector from the accessory socket situated on the cover:



21. On manual transmission vehicles, hold the silver collar beneath the shift knob and pull down to remove it from the shift knob retainers, then remove the shift knob by turning it counterclockwise.

On automatic transmission vehicles, remove the trim ring from the center console by lifting it up from four retainer tabs.

Remove the center console trim by lifting it up to release six clips and one retainer tab. An easy way to do this is to open the cup holder/tray lids and lift the console trim at the groove where the cup holder/tray button slides in:



Then carefully continue lifting up the center console trim along the edges, alternating between the left edge and right edge:



22. Remove the two self-tapping screws that fastens the center console to the dash:



23. Remove the cup holder by lifting it upward to release the four clips. This is actually a bit tricky. The best way to remove the cup holder is to reach underneath the console and push the cup holder up from beneath:



24. Inside the center console, remove two screws located midway across.



Then remove the two screws at the rear of the console. You will need to move the front seats up and hop onto the backseats to remove these two screws:



At this point, you may disconnect the 2-pin accessory connector at the back of the console if you want. It isn't necessary, however.

With the center console unscrewed, you may take the time to remove it completely, or, slide it toward the back seat so you have room to access the front center console.

25. Remove the two self-tapping screws and one screw,



and remove the steering column upper and lower covers (six retaining tabs) by pull them apart:



From behind the instrument panel, remove the right blank switch cover (two retaining tabs) by pushing it out:



26. Remove the bolt that secures the fuse box:



27. If you have a manual transmission vehicle, the fuse box should look like this:



If you have an automatic transmission, there should be a 6-pin "dummy" connector already connected to the 6-pin connector on the fuse box.

On manual transmission vehicles, this 6-pin connector is not connected to any harness. Remove the 6-pin connector if you have an automatic, then plug in the 6-pin connector from the fog light harness and plug the 1-pin connector (WHT/RED wire) on the fog light switch harness into the fuse box as follows:



If you have an optional cigarette lighter, plug the switch harness 6-pin connector into the cigarette lighter 6-pin connector. Guide the fuse box back onto its support and reinstall the fuse box with the bolt you've removed.

28. Locate the 1-pin connector blue-taped to the main harness in front of the fuse box and remove the blue tape to free the connector:



Plug the remaining 1-pin connector from the switch harness into this 1-pin connector. Then secure the 1-pin connector to the main

harness with one wire tie:



29. Route the 5-pin connector of the switch harness under the steering shaft to the switch opening in the instrument panel:



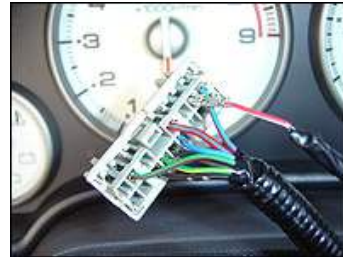
30. Route the terminal end of the switch harness to the top of the steering column, along the main harness. Above the steering column, disconnect the 16-pin connectors. This connector is located right behind the light switch:



31. Remove the retainer clip from the 16-pin connector. You'll probably need a thin flat head screw driver to pop the retainer out:



32. Insert the terminal connector from the switch harness into the 16-pin connector in the location shown:



Snap the connector retainer back in place (make sure you hear it snap), then reconnect the 16-pin connector back to its original location.

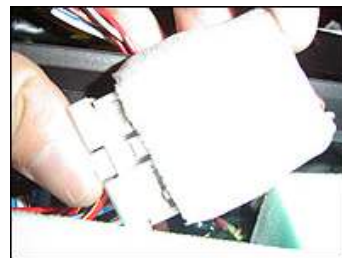
33. Route the switch harness 12-pin connector to the center console alongside the main harness. You will want to use your wire ties liberally to attach the fog light switch harness to the main harness to avoid dangling wires:



34. At the center console opening, unplug the vehicle's 12-pin connector:



Connect the vehicle/stock 12-pin connector to the switch harness 12-pin connector:



35. Take the 12-pin connector from the fog light switch harness and plug it into the vehicle's 12-pin connector you've just freed. You may want to secure the wires with two wire ties. Make sure you don't have any dangling or misplaced wires, otherwise you'll have trouble opening and closing the cup holders/tray.
36. Attach the fuse label (20A) to the switch harness fuse case and plug in the 20 amp yellow blade fuse into the fuse holder:



37. Position the relay on the steering hanger beam and install the 6mm washer-bolt. This is actually a tedious task to do. You'd need to maneuver yourself underneath the dash to find the hanger. It sits behind and beneath the switch panel:



38. Plug the switch harness 4-pin connector into the relay:



39. Pull the switch harness 5-pin connector out through the instrument panel and plug it into the rear of the fog light switch. Install the switch into the instrument panel with the led indicator facing up:



40. Reinstall all the removed parts, reconnect the cable to the battery if you've removed them and reset the radio station presets.

If you've removed the battery:

Start the engine, push down on the driver's window switch until the window is fully open, then pull up on the driver's window switch to close the window completely, then hold the switch for two seconds. This reprograms the AUTO function.

41. Test out your newly installed fog lights. NOTE that to turn them on, your low beams must be on.

THE FINISHED PRODUCT

