2007 – 2008 Tahoe PPV Overhead Installation Instructions

Included Items

1 ea – DV-1 Mounting Plate
1 ea – Tahoe Mounting Bracket
1 ea – Tahoe Support Bracket
1 ea – Tahoe Ticket Light Bracket
1 ea – Tahoe Air Bag Indicator Retainer
1 ea – Tahoe Microphone Retainer
36 in – Edge Trim
1 ea – Ticket Light
2 ea - #4-40 Locking Nut
4 ea - #8 X 5/8” Phillips sheet metal screw
2 ea - #8-32 X 1/4” Phillips flat head screw
4 ea - #8-32 X 3/8” Phillips flat head screw
4 ea - #8-32 X 3/4” Phillips flat head screw
4 ea - #8 Split-lock washer
4 ea - #8 Flat washer
4 ea – M3 X 6 Phillips head screw
4 ea – M3 lock washer
2 ea - #4 X .35” plastic spacer
1 ea - #4 X .25” plastic spacer

Tools Required

7/64” Drill Bit
Center Punch
Electric Drill
#2 Phillips Screwdriver
#1 Phillips Screwdriver
T-15 Torx® Driver
1/4” Nut Driver
Large Wire Cutters
Lug Crimper
Pencil or Permanent Marker

Other Items Required

22 – 18 gauge barrel crimp lug (2)
Hook-up wire (as required)
1. Remove the light bezel as shown by prying the small slot with a small flat blade screw driver.

![Figure 1](image1.jpg)

**Figure 1**
Removing the Light Bezel

2. Remove the two light assembly retainer screws holding the map light assembly using a T-15 Torx® driver.

![Figure 2](image2.jpg)

**Figure 2**
Removing the Light Assembly Retainer Screws
3. The console is retained by two snap fasteners. Grip on both sides of the console near the windshield and unsnap the console by pulling firmly down. Take care to pull evenly as the snap fastener tabs can break off. Disconnect the wiring harness.

![Figure 3](image3.png)

Removing the Overhead Console

4. Remove the console retainer bracket using a T-15 Torx® driver. Retain screws.

![Figure 4](image4.png)

Console Retainer Bracket
5. Unplug the console wiring harness from the console lights and remove the harness along with the air bag indicator light and microphone from the back of the overhead console.

![Figure 5 Console Wiring Harness](image)

6. Install the edge trim around the headliner opening starting at the center of the front edge and working around. Make sure the corners are put in tight. Trim any excess using the large wire cutters.

![Figure 6 Trim Installed](image)
7. Place the Mounting Bracket into the console opening against the roof pillar inserting the two press-in standoffs into the two small hex openings above the slots as locating guides. Mark the four mounting screw locations with the pencil or permanent marker and remove the bracket. Center punch the four hole locations and drill holes for the mounting screws using the 7/64” drill bit.

CAUTION: Use the spacers provided as a drill stop to not drill through the vehicle roof, see Figure 7.

8. Install the Support Bracket onto the upper roof pillar using the Torx® screws removed from the console retainer bracket. Do not tighten down.

9. Loosely attach the Mounting Bracket to the Support Bracket using two of the #8-32 X 3/8" flat head screws. Fasten the Mounting Bracket to the roof pillar using four #8-32 X 3/4” sheet metal screws, flat washers and lock washers making sure the two press-in standoffs are in the hex openings. Securely tighten all fasteners in the following order; Mounting bracket screws, mounting bracket to support bracket screws and support bracket Torx® screws.
10. Install the air bag indicator and the microphone from the wiring harness onto the ticket light bracket with the retainer brackets and #4-40 nuts using the 1/4” nut driver.

11. Install the ticket light onto the ticket light bracket by threading the light wiring through the ticket light cutout and sliding the large retainer clip end on first and then the small end making sure the wiring is not pinched.

12. Wire the ticket light to the wire harness by cutting the black and orange wire on the harness from the console light connector and using the two butt splices attach the black wires together and the white ticket light wire to the orange wire. This will allow the ticket light to operate when the doors are open or the headlight switch is turned to the overhead light position. If operation of the ticket light is desired even when the vehicle is off, auxiliary power and ground should be run from a fused connection.

Figure 9
Air Bag Indicator, Microphone and Ticket Light Installed
13. Install the ticket light assembly to the DV-1 using two #8-32 X 1/4" flat head screws in the lower mounting holes on top of the DV-1.
   
   a. If a wireless microphone bracket is to be installed, place it on top of the ticket light assembly over the DV-1 upper mounting holes and use two of the #8-32 X 3/8" screws to fasten. Install the microphone base to the bracket and cable to the rear of the DV-1.
   
   b. If no wireless microphone bracket is to be installed use two of the #8-32 X 3/8" screws in the upper mounting holes.

14. Install the DV-1 mounting plate to the DV-1 using the four M3 screw and lock washers. Orientation of the plate does not matter.

15. Connect the wiring harness to the vehicle connector and install the DV-1 into the overhead bracket using four #8-32 X 3/4" flat head screws.

16. The DV-1 is now ready to wire. See Figure 11 for final installation example.
Figure 11
Final Installation Example