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INSTALLATION INSTRUCTIONS

SS.

PART NUMBER: MAZDA609
FOR: 2009 & Up Mazda 6
EFFECTIVE: 28 JUN 2011

INSTALLATION PACKAGE INCLUDES:

- A) 4 – M6 - ½” Mounting Screws
- B) 4 – Lock Washers
- C) 4 – Flat Washers
- D) 2 – Electrical Connectors
- E) 1 – Drivers Side Template
- F) 1 – Passenger Side Template
- G) 1 - Adhesive Pads (*for an unpainted Sportwing®*)
- H) Instruction Sheet

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. Remove trunk cover. Open the trunk and place a protective cover inside the trunk to capture any metal shavings.
2. Starting on the drivers' side, measure down 6 ½” from the front corner of the trunk lid where it meets the rear window and make a mark with a grease pencil. **See Diagram A on back of sheet.** Repeat on passenger side.
3. Leaving the paper liner on the bottom of the mounting feet, place the Sportwing® on the marks made in Step #2. **See Diagram B on back of sheet.** As you face the rear of the car, the front tip of the Sportwing® will rest on these marks. Center the Sportwing® exactly from left to right. Outline both mounting feet using a grease pencil. Set Sportwing® aside.
4. Using the “drivers side template”, provided, line up the template with the edge of the trunk at the 6 ½” mark. **See Diagram C on back of sheet.** Use the “passenger side” template, provided, for use on the passenger side of vehicle. See Step #5 before drilling.
5. Before drilling holes, we insist that you use a drill stopper. **Only extend the drill bit no more than ½” past drill stopper.** Electrical tape wrapped tightly around the drill bit will work as a drill stopper. Slightly lift the trunk lid so that when you drill, you *DO NOT* drill into the trunk rain channel or struts of trunk. Using a 1/8” or similar drill bit, drill through the top panel only, at the three hole locations on the drivers side template, two for fastening holes, one for wire harness. After drilling the three holes using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**). Open the three (3) 1/8” pilot holes to 3/8”. Next, repeat this procedure on the passenger side using the template marked “passenger side”, provided.
6. Set the Sportwing® aside and apply zinc chromate primer or touch-up paint to the edges of the holes that you drilled in the deck lid.
7. Remove the paper liner from the bottom of the mounting feet. Feed the brake light wires from the Sportwing® through the harness wire hole made in Step #5 (**NOTE: be careful not to crimp the brake light wires as you position the Sportwing® into place**). Lightly tack the Sportwing® onto the outline marks that you made in Step #3. Holding onto the Sportwing®, open the deck lid and check to see that the 3/8” mounting holes that you made in the deck lid align with the threaded sleeves on the bottom of the mounting feet. If satisfied with the alignment, press the Sportwing® firmly into place. If the holes do not align, lift the Sportwing® up off of the deck lid and re-align.
8. Use the mounting screws with lock washers and flat washers, provided; install the mounting screws into the threaded sleeves. Tighten until tight. **DO NOT OVER TIGHTEN.**
9. Connecting Sportwing® Harness wires, run the Sportwing® wires towards the white factory plug **as shown in Diagram D on back of sheet. Read Diagram D for connections.**
10. Clean up any metal shavings that may have fallen into the trunk. If you have any questions, or if you would like information about other quality Sportwing® products, please call the TOLL FREE number at the top of this sheet. Thank you for choosing Dawn Enterprises, Inc.

DIAGRAM A



DIAGRAM B



DIAGRAM C

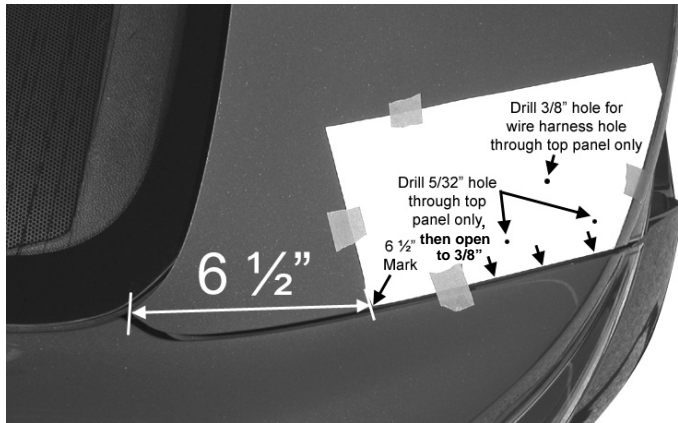


DIAGRAM D



Harness Wire Hook-Up

Trim black casing to expose two black wires leading into white factory plug. The black wire closest to you is the hot wire the other black wire is ground.