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INSTALLATION INSTRUCTIONS

PART NUMBER: CRUZE-PED
FOR: 2011 + Chevrolet Cruze
EFFECTIVE: 01 DEC 2010

INSTALLATION PACKAGE INCLUDES:

- A) 4 – M-6 x 5/8" Screws
- B) 4 – Lock Washers
- C) 4 – Flat Washers (small for 5/8" hole)
- D) 4 – 5/8" Black Hole Caps
- E) 2 – Electrical Connectors
- F) 5 – Paper Hole Locators
- G) 3/8" Wire Harness
- H) Instruction Sheet

EXTRA TOOLS NEEDED:

- A) Extra-Long 1/8" or 5/32" Drill Bit
- B) 5/8" Hole Saw

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

1. **See Diagram A on back of sheet for measurement.** Leaving the paper liner on the bottom of the mounting feet, place the Sportwing® onto the deck lid so that the rear most part of the mounting feet sit approximately ¼" forward from the definite rear crease of the deck lid. **See Diagram A on back of sheet.**
2. Next, center the Sportwing® from left to right. Once the Sportwing® is centered, using a grease pencil, outline each mounting foot so that you will be able to place the Sportwing® back to the desired position, later in the installation. Place the Sportwing® aside.
3. Place the Sportwing® upside-down on a soft cloth so you do not scratch the painted top surface. Using five (5) paper hole locators, provided, remove the liner from the hole locator to expose the adhesive, place the cut out hole in the hole locator centered exactly over the four (4) threaded sleeves of the fastening area of the Sportwing® and the one (1) hole locator centered over the harness wire hole. Masking sure that the hole locators do not move (**NOTE: a small piece of masking tape is helpful in holding hole locators in place**) carefully place the Sportwing® back onto the outline marks on the deck lid that you made in Step #2.
4. When Sportwing® is centered on the outline marks made in Step #2, and making sure that the five (5) paper hole locators did not move, tape all five (5) hole locators to the deck lid using masking tape. Next, carefully lift the Sportwing® off of the deck lid, leaving the hole locators taped to the deck lid.
5. When drilling for the four (4) fastening holes, and one (1) harness hole on drivers' side only, use a 1/8" or similar extra-long drill bit, drill in the exact center of all five (5) hole locators.
6. Holding the drill straight up, drill through the top panel of the deck lid and continue drilling through the secondary panel of the deck lid (**NOTE: you will only need to drill through the secondary panel for the four (4) fastening holes. DO NOT drill through secondary panel for harness hole**).
7. Open the trunk and using 5/8" hole saw, open up the four (4) 1/8" pilot holes drilled in the secondary panel to 5/8". This will give you access to the top panel for your screwdriver later in the installation. 5/8" black hole caps have been provided to cover these holes upon finishing.
8. Remove the hole locators and using a uni-bit (**NOTE: we suggest using a uni-bit for a cleaner cut**) open the five (5) 1/8" pilot holes on top panel to 3/8".
9. Apply Zinc-Chromate Primer or touch-up paint on the edges of the five (5) 3/8" holes that you drilled in the deck lid.
10. Next, a second person is helpful in this step. Leaving the paper liner on the bottom of the mounting tape, place the Sportwing® back onto the outline marks that you made in Step #2. Check to see that the threaded sleeves on the mounting feet align with the 3/8" holes that you made in the deck lid. If they do not align, relocate the Sportwing® or you can open the 3/8" holes to the next size up, 7/16".

11. Remove the paper liner from the mounting tape. Then, feed the brake light wire of the Sportwing® through the 3/8" harness hole that you made in the top panel of the deck lid (**NOTE: be careful not to crimp the brake light wires as you position the Sportwing® back onto the outline marks that you made in Step #2).** Lightly tack the Sportwing® onto the outline marks. Check alignment of holes. The four (4) threaded sleeves of the mounting area of the Sportwing® should align with the four (4) 3/8" holes that you made in the top panel of the deck lid. When satisfied with the alignment, press the Sportwing® firmly onto the deck lid.
12. Using mounting screws with lock washers and flat washers, provided, install mounting screws into threaded sleeves and partially tighten all four (4) mounting screws. After all four (4) have been started, tighten evenly until all screws are tight. **DO NOT OVER TIGHTEN.** Using 5/8" black hole plugs, provided, cover the holes made in the secondary panel.
13. Run the Sportwing® wires toward the drivers' side trunk hinge and run the Sportwing® wires into the 3/8" wire harness, provided. Then, using black electrical tape, fasten the 3/8" wire harness neatly along the drivers' side trunk hinge (**NOTE: be sure to leave enough slack in the wire to allow opening and closing of the trunk).** Next, run the wires inside the drivers' side trunk panel toward the drivers' side taillight assembly. Using the electrical connectors, provided, connect the WHITE hot wire of the Sportwing® to the RED wire. Next, connect the WHITE WITH BLUE STRIPE ground wire of the Sportwing® to the BLACK wire. **See Diagram B below.**
14. If you have any questions, problems 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

