



Auto Aftermarket Concepts

415L

INSTALLATION INSTRUCTIONS

(Effective 11/14/06)

California Dream has developed the following 415L hardware and installation procedures to help you achieve a quality and efficient installation. In order to optimize your installation and qualify you for a full product warranty, please follow guidelines verbatim.

1. TOOLS REQUIRED:

- Drop cloth
- Tape measure
- Masking tape
- Hammer
- Center punch
- Variable speed drill
- #3 multi-unibit
- #5 metric allen wrench
- Pliers

2. INSTALLATION KIT COMPONENTS:

- (1) Tube of rust-proofing agent
- (2) Rubber pad gaskets (left & right)
- (1) Rubber Grommet
- (2) Auto-Tap connectors
- (2) Socket Head Threaded screws
- (2) Pin, plastic, M6 thread
- (2) Socket, plastic
- (2) Flat washers
- (5) Locator strips
- (1) Instruction sheet

1) POSITIONING THE SPOILER AND MARKING THE HOLES:

- a) Turning the spoiler over fasten one locating strip per hole (two on the passenger side and three on the driver side) to the legs of the spoiler.
- b) Set the spoiler on the hatch in the position you feel looks best. *Remember to center the spoiler.
- c) Tape the locator strips to the hatch on both sides of the legs.
- d) Carefully lift the spoiler off the hatch leaving the locator strips.
- e) Using the center punch and hammer, tap the punch at center of each hole to provide a guide for the drill.

2) DRILL THE HOLES IN THE HATCH:

- a) We recommend Uni-bits for drilling through sheet metal, twist drills tend to pull the drill into the metal tearing at the metal and possibly making contact with the inner structure.
- b) Locate the punch marks on the outside of the rear deck and drill the center mark on the driver side to 1/4".
- c) Drill a 5/16" hole through the top hole on each side. The lower hole, the hole closer to the window, is drilled to 13/32" on each side.
- d) Do not force the drill, particularly with a Uni-bit.
- e) Apply rust proofing agent to exposed metal around all the drilled holes.
- f) Push the plastic sockets into the lower holes (13/32") on both sides.

3) INSTALLING GASKETS, GROMMET AND PINS:

- a) Take the release paper off one side of the gasket and apply the gasket to the spoiler. Do the same to both sides.
- b) Coat the LED wire with silicone or other lubricant and slide supplied black rubber grommet over entire length of wire nearly to point where it enters LED light housing. Grommet will act as "collar" preventing contact of LED wire with sharp edges of hole, as the wire passes into hatch.
- c) Feed approximately 8-12" of extra LED wire into the inside of the spoiler, in case the light ever needs to be replaced.
- d) Screw the pins into the lower threaded holes as spoiler sits on vehicle; these holes are closest to the edge of the gasket.

4) **SCREW SPOILER ON:**

- a) Pull the factory rubber plugs from the hatch to gain access to the screw holes.
- b) Remove the release paper from the gasket to expose the adhesive.
- c) Have an assistant hold the spoiler as you feed the third brake light wire through the center hole on the driver side
- d) Line up the spoiler's pins with the hatch's sockets and press the spoiler against the hatch.
- e) Open the hatch and screw the provided thread forming screws with an Allen wrench. **DO NOT OVER TIGHTEN!**

5) **LED LIGHT HOOK-UP:**

- a) Trim LED wire, allowing sufficient length to connect to factory 3rd brake light.
- b) Using the red Auto-Tap connector, insert the brake wire and the LED wire into the connector and clamp with pliers (black goes to black).
- c) Have assistant depress brake pedal to check LED function.
- d) Tuck the wires up against the hatch and re-install the rubber plugs.

NOTE: All LED spoiler lights are tested before being installed into spoiler. If light does not work, check all connections and condition of LED wire. Reverse wires and try again. If light still refuses to light, connect the LED wires directly to a fully charged 12-volt battery. If light works, there is a problem in your connections.

**CONGRATULATIONS, YOU HAVE JUST INSTALLED THE BEST!
A CALIFORNIA DREAM WING**

2F. WHERE ARE THOSE PLASTIC SOCKETS (2)?

3A. INSTRUCTION ASK FOR; TAKE OFF PAPER ON ONE SIDE OF GASKET TO STICK IT INTO THE SPOILER, THAT MEANS THE ADHESIVE SIDE INTO SPOILER SURFACE.

4B. AGAIN, INSTRUCTION IS ASKING TO REMOVE /RELEASE PAPER TO EXPOSE ADHESIVE! HOW CAN I DO THIS IF I ALREADY USE THE ADHESIVE SIDE

ON 3A?
3D. WHERE ARE THOSE PLASTIC PINS (2)?

4D. INSTRUCTION ASK TO ALIGN SPOILER PINS W/ HATCH'S SOCKETS (INSTALLED SUPPOSEDLY ON 2F), HOWEVER I DO NOT HAVE PLASTIC SOCKETS FOR 2F AND I DO NOT HAVE PLASTIC PINS TO ALIGN SPOILER INTO HATCH.