



# 224L

## UNIVERSAL WING INSTALLATION INSTRUCTIONS LIGHTED / NON LIGHTED

### INSTALLATION INSTRUCTIONS

*remin has developed the following 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.*

**\*\*\*NOTE: IT IS VERY IMPORTANT TO MAKE SURE THAT THE SPOILER AND THE CAR ARE THE SAME COLOR BEFORE MOVING ON TO THE NEXT STEP! IF THEY ARE NOT THE SAME COLOR, PLEASE, STOP HERE.**

#### **1. POSITIONING SPOILER:**

- Turning the spoiler over fasten the locating strips to the spoiler, there will be one for each screw hole and one for the light wires if required. Skip over light installation if non lighted spoiler.
- Set the spoiler on the truck lid in the position you feel looks best. \*Remember to center the spoiler.
- Tape the locator strips to the trunk lid on both sides of the legs.
- Carefully lift the spoiler off the trunk lid leaving the locator strips.

#### **2. CENTER PUNCH BOLT HOLES FOR SPOILER ATTACHMENT:**

- Using a center punch and hammer, tap the punch at center of each hole to provide a guide for the drill.
- Remove the locator strips.

#### **3. DRILL HOLES:**

- Remin recommends 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.
- Drill 5/16" holes through the center punched marks. Choose the four holes that offer the least interference with the inner structure of the trunk. The hole for the LED wire is drilled 1/4".
- Do not force the drill.
- Open the trunk lid; remove the inner trunk lid panel to gain access to the inside holes.
- If the inner skin of the deck lid denies you access to the 5/16" hole use a center punch to mark the inner skin of the trunk lid, open the trunk lid and drill 1/2" holes through the inner skin, drill the holes on a flat surface if possible.

This will give you access to tighten socket head screws.

#### **4. RUST PROOF THE HOLES:**

- Remove the tube of rust proofing agent.
- Apply agent to exposed metal around all the drilled holes.

#### **5. LED LIGHT HOOK-UP (part 1):**

- Apply the rubber-pad gaskets to the bottom of the spoiler feet to avoid paint scratches. Feed the wire through the hole in the gasket.
- 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 the spoiler. The flange end should be toward the spoiler. Grommet will act as "collar" preventing contact of LED wire with sharp edges of hole, as the wire passes into trunk.
- Feed approximately 8-12" of extra LED wire into the inside of the spoiler, in case the light ever needs to be replaced. Push wire and grommet into 1/4" hole on the right side of car.

**6. SCREW SPOILER ON:**

- Open the rear-deck just enough for you to work inside the trunk. Place the spoiler on the top of the deck; feed the LED wire through the center hole on the left or right side and line up with the drilled holes.
- Using the Allen wrench, insert the socket-head screws into forward most hole on each side, Hand-tighten the screws through the gasket and into the forward most hole on the spoiler. Only tighten them to a snug position.
- Using the socket head thread screws hand tighten the screws in the rear holes of the spoilers.
- Finish tightening all the screws to hold spoiler securely to the trunk. **Do NOT OVER TIGHTEN!**

**7. LED LIGHT HOOK-UP (part 2):**

- If no pig tail is found on the trunk lid, pass remaining wire through split wire harness, attaching harness with black cable ties provided to trunk lid hinges following the trunk lid spring behind the speakers.
- Determine which wires will be involved to complete connection to the factory 3<sup>rd</sup> brake light. The spoiler LED must be connected to wires leading to the factory 3<sup>rd</sup> brake light.
- Allow sufficient length to connect to factory 3rd brake light plus several extra inches. This is to ensure trunk will open and close easily, without straining or stripping light wires. Using the red Auto-Tap, insert the brake wire and the LED wire into the connector and clamp with pliers.
- Have assistant depress brake pedal to check LED function.

**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!**