

Painting Instructions

Please Note: AutoAccessories4Less.com recommends that you contact a professional body shop for painting and installation. Spoilers will not be accepted for return after painting, so please check your application for proper fit prior to painting and installation.

Minimum recommendations for topcoat application:

1. Wipe part with wax and grease remover
2. Dry or wet sand with 400 grit sandpaper
3. Wipe again with wax and grease remover.
4. Tack off.
5. Topcoat according to your paint manufacturers recommendations.

Sealer Procedures

NOTE: For complete coverage and a superior finish, we recommend the use of a quality sealer under all finishes. The following process uses the BASF Diamont Paint system. If you use another paint system, please talk to your paint representative for their specific procedures.

1. Wipe part with pre-cleaner to remove contamination.
2. Tack off surface of parts to be sealed.
3. Apply one wet coat (or two if needed) of DP-21 sealer, making sure to get complete coverage over entire part. Use 45-60 pounds of air pressure at the gun.
4. Allow the sealer to flash dry for 15-20 minutes before applying the base-coat color. (Do not force dry DP-21 sealer).

Base Coat Procedure

1. Tack off parts to be painted, unless they have been sealed.
2. Apply two wet coats of color making sure to get complete coverage, spraying at 30-40 PSI at the gun.
3. Let paint flash dry for 10-15 minutes.
4. Lightly sand parts with 600 grit sandpaper between applications of base coat to remove any imperfections.
5. Tack off parts.
6. Apply third coat of color making sure to get full coverage.
7. Let parts flash dry for 10-15 minutes.
8. Inspect parts to make sure they are ready for clear coating.

Clear Coat Procedures

1. Make sure parts are dirt free. Tack off if necessary.
2. Apply one medium wet coat of DC-92. Clear evenly over entire part making sure to get complete coverage. Use 55-60 pounds of air pressure at the gun.
3. Allow 5-10 minutes of flash time between coats of clear.
4. Apply a slightly more generous second coat making sure clear coat is evenly distributed over the top and edges. Remove any dirt that may have settled in or on the clear.
5. Leave parts upright after clearing to obtain an even flow on the top of the part.
6. Bake at 160 degrees for 30 minutes.

Spoiler Installation Instructions

Please Note: These are generic instructions for ALL of the spoilers we sell. Certain directions or hardware called for may not apply to your application.

**Subaru Impreza Wagon Instructions follow at the end of this document.*

PRIOR TO PAINTING OR INSTALLING PLEASE CHECK TO MAKE CERTAIN YOU HAVE THE CORRECT SPOILER FOR YOUR APPLICATION

1. Open trunk lid and place drop cloth inside to collect metal shavings. Set the wing on the deck lid and check for desired placement. The general rule of thumb is to locate the spoiler so that its trailing edge is roughly parallel to the trailing edge of the trunk. Alternatively, you may allow the spoiler's trailing edge to overhang the trunk line by ½-1 inch. This is totally a matter of customer preference.

NOTE: It is critical that the installer determine in advance what obstructions may be in the way of the drill path on the underside of the trunk. Be sure that ANY factory wire harnesses are out of the drill path!!

- 1) Using masking tape or locator strips (provided), tape around each of the spoiler stanchions. Gently lift the spoiler off and using the provided rubber gaskets, mark your holes for drilling.
- 2) For lighted spoilers, please take note of which side your wire will be fed through. There are 3 mounting holes under the right (passenger side) stanchion. The top and bottom holes are for mounting; the middle is for the LED wire to enter the trunk. For a 3-stanchion spoiler application, there will be a single mounting hole in the center. The left (driver's side) stanchion will have two holes. One is for mounting, the other for the LED wire to pass through.

- 3) Double check the mounting by resting the wing on the deck lid to make sure it is properly aligned. If mounting holes do not align exactly, simply apply pressure to the middle of the wing. Usually this will spread the “footprint” sufficiently to line up the holes. Keep in mind that our spoilers are constructed of factory grade ABS plastic that is extremely flexible and can easily withstand minor adjustments for positioning. Remove wing from trunk lid and AGAIN, please check for anything that could obstruct the drilling path through your trunk lid.
2. Using a center punch and hammer, lightly tap/punch at the center of each hole indicated. This will provide a guide for the drill bit.
3. Remove masking tape and locator strips from the trunk lid.
4. Using a variable speed drill and 5/16” (or 8mm) drill bit, slowly drill through the center of each mounting hole. Use a ¼” drill bit for the LED wire hole (you will see a ‘dimpled’ spot in the center of the recessed portion on your spoiler for the LED light) where applicable. (**NOTE:** If you are using “twist” drill bits, the flutes tend to pull the drill into the trunk and tear at metal. Be prepared to hold the drill back upon breaking through. You may make contact with the second inner panel right way. That can deflect the bit to the side.)
5. Using a ¼” diameter punch at a 90 degree angle to the trunk lid, strike the punch at the center of each hole. This will cause a “dimpling” on the underside of the inner panel, or “second skin”. At the bottom of each of those sites you will be drilling ½” holes in order to access the spoiler insert. **NOTE:** Some cars will not have an inner panel, and the mounting bolt head and washer will be drawn up to the underside of the deck lid leaving the bolt head exposed. In this case you may wish to brush a small amount of touchup paint onto the exposed bolt head and washer.
6. Open trunk lid. Begin drilling access holes with a short, ½” bit. You must hold the drill at a right angle so the holes are drilled round, NOT oval.
7. Apply the supplied rust proofing to exposed metal and around all drilled holes.
8. Place supplied washers on socket head cap bolts.
9. For 3-stanchion spoilers, always start with the middle hole and insert bolt assembly through the hole, exiting at the top of the trunk lid. Slide the supplied gasket over the threaded bolt. The gasket will hold the bolt in place. With one hand, hold the wing over the bolt and pull the LED wire with the other hand to remove any slack. Using an allen wrench, start tightening by hand. Turn the bolt slowly and only enough that the wing will not fall. **DO NOT TIGHTEN.** Install the remaining bolts by guiding them through the gasket holes and into their respective inserts. Lightly tighten each until all bolts are started into inserts. Finally, finish tightening each bolt, nesting the gaskets between the bottom of the spoiler and the top of the rear deck. Do NOT over tighten. Follow the same

procedure for 2-stanchion spoilers. For spoilers supplied with adhesive backed gaskets, attach the gaskets to the wing while carefully aligning the holes. **HINT: If you do not have direct access to the head on the cap bolt, it may be necessary to use the toggle end of the allen wrench to start the bolt. If you do this, it is highly recommended that you use a non-hardening, tacky type adhesive to hold the bolt on the wrench so that the bolt doesn't slip and fall between panels.**

10. Insert allen wrench into the chuck of cordless drill and secure with the toggle end pointing outward. Proceed to tighten bolts starting with the center bolt first. You must hold the gaskets in place while tightening to prevent the gaskets from turning. For 2-stanchion spoilers, you can start with either side.

CAUTION: NEVER OVER TIGHTEN AS THE PLASTIC INSERTS IN THE SPOILER CAN STRIP OUT!!! IF YOUR DRILL HAS AN ADJUSTABLE CLUTCH, SET IT AT MEDIUM SETTING TO AVOID OVER TIGHTENING.

11. Insert the black plastic plugs provided in your hardware kit into the 1/2" access holes on the inside of the trunk. We provide extra plugs so it is unlikely that you will need all of them.

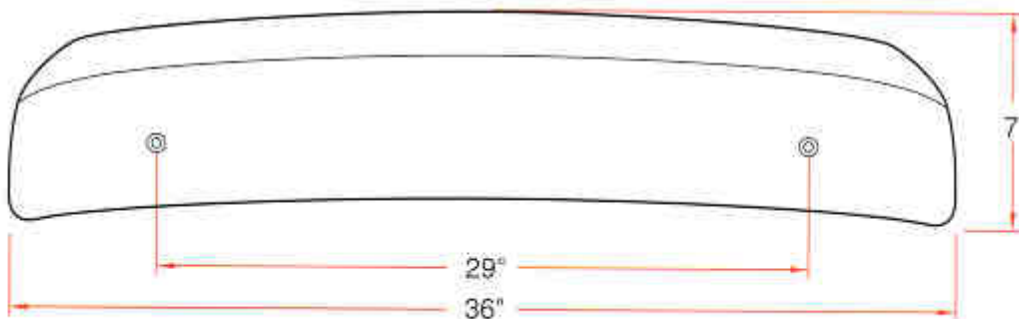
LED Light Installation

1. At this point you have successfully run the LED light wire through your spoiler and your spoiler is now bolted to your trunk lid. Determine how many and which wires will be involved to complete the connection to your factory 3rd brake light. Your spoiler LED light **MUST** be connected to the wires leading to the factory 3rd brake light.
2. Coat the LED wire with silicone or another lubricant and slide the supplied rubber grommet over the entire length of wire, nearly to the point where it enters the LED light housing. The grommet will act as a "collar" and prevent contact of the LED wire with the sharp edges of the hole as the wire passes into the trunk.
3. Gather approximately 8-12" of extra LED wire on the inside of the spoiler, in the event you ever have to replace your LED light. Pass the remaining wire through the split wire harness, and attaching with the black cable ties provided in your hardware kit.
4. Before trimming the LED wire, allow for sufficient length to connect the factory 3rd brake light **PLUS** several extra inches. This ensures your trunk will open and close easily without stripping the wires.

5. Remove ½" of insulation at the end of each LED wire to make the connections. Slide the pink disconnects over the end of the exposed wire and crimp with pliers to secure.
6. Attach the provided red, 18-22 gauge "T" taps to ensure a secure connection. Snap each "T" tap into the corresponding pink disconnect receptacle to complete the connection. Have an assistant depress the brake pedal to check LED function. **NOTE:** Most LED problems at installation are the result of poor connections. If the light does not work, check all connections and the condition of the LED wire. Reverse the wires and try again. The light **MUST** be properly grounded at all times. If the light still refuses to work, directly connect LED wires to a fully charged 12-volt battery. If the light works, there is a problem with your connection.

Installation Instructions for Subaru Impreza Wagon

Model PLOS90N
Height = 3 5/8", Width = 6" 5/8"



1. Locate spoiler footprint.
2. Check for moisture and temperature. Do not apply to damp or wet surface.
3. Prepare glass surface. Clean all surfaces thoroughly by applying 3M general purpose cleaner to a 3M Scuff pad. Clean and wipe surfaces 2 times using the same cleaning technique.

4. Apply adhesion promoter. Spread promoter across window (it will have a shiny appearance) and dry with a hand held dryer. Heat is critical for proper curing. Dry for a minimum of 4 minutes. The surface should look dull after drying. **Important:** Please use caution when handling adhesion promoter. DO NOT SMOKE during the adhesion process!
5. Apply the spoiler by pressing it firmly against the glass. Once applied do not attempt to align or move the spoiler. Press back and forth across the spoiler to roll out any trapped air bubbles. Total adhesion across the surface contact area is important to maximize bond strength.

WARRANTY



All of AutoAccessories4Less.com spoilers have a limited three-year warranty on its products to be free of manufacturers defects from the original date of purchase (p.o.p. required). Warranty coverage is provided for paint defects, peeling, and or other paint adhesion and finish defects.

AutoAccessories4Less.com will match the O.E. color of the spoilers to the factory color specifications. Factory specifications allow for a degree of variance, both lighter and darker, due to many factors.

AutoAccessories4Less.com cannot be responsible for this variance. With vehicles 2 years and older, we cannot be responsible for color match due to fading. Seller's and manufacturer's only obligations shall be to replace the product proven to be defective by AutoAccessories4Less.com

We shall not be liable or responsible for injury, loss or damages, direct or consequential, such as improper installation, misuse, abuse, scratches, chips or fading due to neglect, or unauthorized repairs.

AutoAccessories4Less.com will not be responsible for any damage caused to other parts by defective product or any other costs. Failure to follow any of the instructions provided will void warranty, expressed and implied. For further information please contact us directly.

