



## Installation Guidelines For Lexan® Windows

**NOTICE:** The paper wrap will protect your Lexan windows from scratches, etc. Do not remove until installation is complete. Once these windows are altered, scarred or the paper wrap is removed they are not returnable.

### ATTENTION FIRST TIME USERS:

- ✓ Always trial fit first.
- ✓ When installing large curved pieces, i.e. windshield or rear windows, always start at the top center then go to the bottom center and work toward the outside of the car.
- ✓ Install the smallest piece first- in the event you make a mistake you'll only have to replace the least expensive window.

**“STOCK” vs. “FLUSH” MOUNT:** Most Harwood Lexan window master patterns are made to stock OEM window sizes. This enables you to install OEM window trim around your windshield and rear window hiding the mounting screws for a factory original look. “Flush mount” windows are cut oversized and will require custom fitting to the body (window opening). Maintain a .030” to .060” gap between the edge of the window and body for thermal expansion.

**TRIMMING TO SIZE:** Cutting Lexan is easy work with a sabre saw and 18-teeth-per-inch blade. Minor shaping is best performed using a hand block with 80-grit for fast cutting and 180-grit sandpaper for final fit.

**MOUNTING SCREWS:** Use stainless steel 8-32 flat head Phillips or Alien head cap screws for best results. Button or Pan head screws can be used in areas where trim will cover the fasteners. Use self-locking nuts with flat washers. Pop rivets are generally not recommended.

**MOUNTING HOLES:** Always drill oversize holes for thermal expansion. A size 8 screw equates to 5/32” so drill 11/64” holes. Flat head screws will require a counter sink to flush the head with the window. Space your mounting holes 4-5” apart for most applications. Windows with a lot of curvature may require spacing as close as 2” apart. Stay between 1/2” to 3/4” from the window edge.

**PAINTING THE BORDER:** It is common practice, especially for flush mount applications, to paint a black (or body color) border around the perimeter of the window. Remove the protective wrap from the interior side of the window and mask off the window, leaving the border area exposed. Scuff lightly with Scotch-brite, or equivalent, and spray. Since the paint will be on the interior, all paints, including “flat” will show up as glossy through the window. It is recommended to experiment with a scrap piece until you get the effect you want.

**HARDTOP DOOR WINDOWS:** Hardtop cars do not have a factory window frame to which you can secure a plastic window. Many chassis shops can supply a 3/8" chrome-moly tube frame with bolt-hole tabs.

**FASTENING TIP:** Start in the center of the window and work toward each end in a criss-cross pattern (similar to an intake manifold torque sequence). Do not over-tighten the screws.

### **CLEANING AND MAINTENANCE TIPS FOR LEXAN WINDOWS**

**CLEANING:** General Electric advises washing with a mild soap or detergent using lukewarm water and a clean soft sponge or cloth. Do not use any type of abrasives. Rinse well and dry with a chamois to prevent spotting. Formula 409® or Windex with Ammonia D® are also acceptable for cleaning Lexan windows.

Fresh paint splashes, grease, smeared glazing compounds can be removed easily before drying by rubbing lightly with kerosene, mineral spirits or isopropyl alcohol. Decals and their adhesives can also be removed with same. When the solvent will not penetrate the decal, apply heat from a hair dryer to soften the adhesive and promote removal. Afterwards wash as described above. The use of masking tape, duct tape or other adhesive tape works well for lifting off cured paint and some adhesives.

**MAINTENANCE:** Hairline scratches and minor abrasions can be minimized using a mild automotive polish. It is suggested that a test be made in an inconspicuous area to determine the effect of the product on the window.

### **SOME IMPORTANT DON'TS**

- ✓ **DO NOT** use abrasive or highly alkaline cleaners
- ✓ **DO NOT** scrape with squeegees, razor blades or other sharp objects
- ✓ **DO NOT** use gasoline, acetone, benzene or tetrachloride for cleaning
- ✓ **DO NOT** clean in hot sun or at elevated temperatures

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