Pro Cup Series Bodies

These composite bodies with aluminum doors and deck lid are lighter than steel bodies and are extremely durable. They are aerodynamically designed and wind tunnel tested for good aero balance, down force, and low drag. They are designed for use in the CARS Pro Cup series and other series with similar rules.

Polycarbonate windows are pre-cut to fit, beveled, drilled & countersunk for direct placement into the window frame.

Greenhouse sections and hood use vacuum-bagged Advanced composite laminate schedule.

Nose and rear bumper cover are hand-laid composite.

Easy to replace wear strips provide proper ground clearance.

Superior Five Star Materials & Forming for the Best Components in Racing

Five Star Racing Windows use the best polycarbonate material, the hardest coating & are the quality racing’s top teams demand:

- All windows and flat sheets are made using the highest optical grade materials developed exclusively by, and only available from, Five Star.
- We do not use materials such as Lexan due to the overall lack of quality.
- Significant weight savings compared to glass.
- Our flexible mar-resistant coating offers the highest abrasion & chemical resistance.
- Permanent anti-fog coating is included at no additional cost.
- 40% harder than other coatings on the market.
- Our forming technology assures superior optics and perfect fit.
- All windows are shipped with a heavy, protective, clear poly masking.
- Our flexible mar-resistant coating allows windshields to be rolled and shipped via common parcel carriers.

Vacuum-bagged Advanced Composite greenhouse sections & hood:

- High quality, vacuum-bagged, sandwiched construction, utilizing a premium epoxy-resin system results in a lightweight panel with increased rigidity & less deflection.
- This is not just thinner hand-laid composite construction, as seen elsewhere!
- Approximately 40% weight savings over our standard hand-laid composite.
- High quality core laminate reinforcements
- Post oven cured to assure dimensional stability.
- Parts made to a plus or minus 5% target weight.
- Sandable primer on exterior surfaces requires only a light scuff to prep for paint.
- If parts are not going to be painted, we recommend top coating with an automotive clearcoat, as these surface primers are not UV protected.

Standard Hand-laid Composite nose & rear bumper cover:

- Hand-laid resin-controlled layup using CSM fiberglass material with lightweight foam reinforcements.
- Consistent strength
- Plus or minus 5% target weight
- Superior shape consistency
- Sandable gelcoat exterior surface requires only a light scuff to prep for paint.

All composite body panels:

- Are made from our premium tooling.
- Our tools (molds) are stored indoors to reduce warping.
- We take great care to maintain a flawless surface to our tools in order to prevent surface imperfections in our body panels.
- Are repairable.

Composite panels are not designed to be baked. If baking is required to cure the topcoat you apply, do not exceed 120°F.

Aluminum doors & deck lid:

- Aircraft-grade sheet aluminum
- Surface-painted with a baked-on gloss finish for added surface durability.
- Proprietary forming processes & equipment

All products are manufactured in our EPA + OSHA environmentally compliant facility.
**Body Packages Impala Fusion Charger Racer**

<table>
<thead>
<tr>
<th>Package Options: add to package price</th>
</tr>
</thead>
</table>

- Doors, vacuum-bagged Kevlar® & E-Glass cloth  $+338.
- Quarter Panel, left, without gas filler  +$0.
- Rocker Panels, pair, specify black or white  +$60.

**Universal Components**

<table>
<thead>
<tr>
<th>Component Description</th>
<th>Part Number</th>
<th>Impala 670-410S</th>
<th>Fusion 590-410-ID</th>
<th>Charger 103-410-ID</th>
<th>Racer 103-410-ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Inlet Insert, composite</td>
<td>100-5100A</td>
<td>$33.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brace Kit, rear window</td>
<td>100-6101</td>
<td>$57.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Brace Kit, windshield</td>
<td>100-6301</td>
<td>$57.</td>
<td></td>
<td></td>
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<tr>
<td>Bumper, front, .095&quot; steel, 1½&quot; round</td>
<td>100-7103B</td>
<td>$30.</td>
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<td></td>
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<tr>
<td>Bumper, rear, .065&quot; steel, 1¼&quot; round</td>
<td>100-7503</td>
<td>$30.</td>
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<tr>
<td>Bumper Cover, rear, hand-laid composite</td>
<td>100-450</td>
<td>$223.</td>
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<td></td>
<td></td>
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<tr>
<td>Bump ‘N Run Duct: Howe, core size 2¼&quot; x 18½&quot;</td>
<td>100-409-2</td>
<td>$118.</td>
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<tr>
<td>Bump ‘N Run Duct: Howe, core size 22¼&quot; x 18¾&quot;</td>
<td>100-409-3</td>
<td>$118.</td>
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<tr>
<td>Cowl Induction Cold Air System, carbon fiber</td>
<td>100-5114C</td>
<td>$396.</td>
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<tr>
<td>Deck Lid, aluminum</td>
<td>100-310A</td>
<td>$61.</td>
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<tr>
<td>Deck Lid Mounting Kit</td>
<td>100-450-RDK</td>
<td>$25.</td>
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</tr>
<tr>
<td>Door, aluminum, specify left or right side</td>
<td>100-21AL or 100-21AR</td>
<td>$105.</td>
<td>100-210LL or R</td>
<td>$290.</td>
<td></td>
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<tr>
<td>Door, vacuum-bagged Kevlar® &amp; E-Glass cloth, specify side</td>
<td>100-230LL or R</td>
<td>$314.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Fender, vacuum-bagged Kevlar® &amp; E-Glass cloth, specify side</td>
<td>100-230LL or R</td>
<td>$314.</td>
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<tr>
<td>Greenhouse Section, Front, advanced composite</td>
<td>100-5112L</td>
<td>$539.</td>
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<tr>
<td>Hinge Kit, Deck Lid</td>
<td>100-31H</td>
<td>$24.</td>
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<tr>
<td>Hinge Kit, Hood</td>
<td>100-33H</td>
<td>$39.</td>
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<tr>
<td>Hood, advanced composite, flat</td>
<td>100-3301L</td>
<td>$331.</td>
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<tr>
<td>Quarter Panel, lower, vacuum-bagged Kevlar® &amp; E-Glass cloth, specify side</td>
<td>100-270LL or R</td>
<td>$407.</td>
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<tr>
<td>Quarter Panel, lower, left, without gas filler</td>
<td>100-271LL</td>
<td>$407.</td>
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<tr>
<td>Rocker Panel, plastic, specify black or white</td>
<td>000-5501PB or W</td>
<td>$32.</td>
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<tr>
<td>Screen, nose, lower, 1/4&quot; spacing</td>
<td>100-412-SCR</td>
<td>$47.</td>
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<td></td>
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<tr>
<td>Screen, nose, lower, 1/4&quot; spacing, black</td>
<td>B100-412-SCR</td>
<td>$52.</td>
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<tr>
<td>Screen, nose, lower, 3/16&quot; spacing</td>
<td>100-411-SCR</td>
<td>$47.</td>
<td></td>
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<tr>
<td>Screen, nose, lower, 3/16&quot; spacing, black</td>
<td>B100-411-SCR</td>
<td>$52.</td>
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<tr>
<td>Spoiler, 2 pc, 1/8&quot; aluminum, 6¼&quot; x 57&quot;, 50°</td>
<td>100-6725</td>
<td>$105.</td>
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<tr>
<td>Spoiler, 2 pc, 1/8&quot; aluminum, 6¼&quot; x 57&quot;, 70°</td>
<td>100-6727</td>
<td>$105.</td>
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<tr>
<td>Spoiler, 2 pc, 1/8&quot; aluminum, 6¼&quot; x 57&quot;, 70°, black</td>
<td>B100-6727</td>
<td>$112.</td>
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<tr>
<td>Template Set, aluminum</td>
<td>100-83</td>
<td>$903.</td>
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<tr>
<td>Template Set, wood</td>
<td>100-82</td>
<td>$174.</td>
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<tr>
<td>Wear Strips, plastic, pair (colors listed at left)</td>
<td>100-400-x*</td>
<td>$30.</td>
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<tr>
<td>Windshield, mar-resistant, pre-cut to fit</td>
<td>100-6335-2</td>
<td>$369.</td>
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<tr>
<td>Windshield, mold-resistant, pre-cut to fit</td>
<td>100-6335-2</td>
<td>$369.</td>
<td></td>
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</tbody>
</table>

**Components unique to style**

<table>
<thead>
<tr>
<th>Component Description</th>
<th>Impala 670-410S</th>
<th>Fusion 590-410-ID</th>
<th>Charger 103-410-ID</th>
<th>Racer 103-410-ID</th>
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<tbody>
<tr>
<td>Graphics, headlights only</td>
<td>670-410S</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Graphics, Nose ID Kit</td>
<td>670-410-ID</td>
<td>590-410-ID</td>
<td>103-410-ID</td>
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</tr>
<tr>
<td>Graphics, Tail ID Kit</td>
<td>570-450-ID</td>
<td>590-450-ID</td>
<td>103-450-ID</td>
<td>26</td>
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<tr>
<td>Greenhouse Section, Rear, Advanced composite</td>
<td>101-5102L</td>
<td>102-5102L</td>
<td>103-5102L</td>
<td>439</td>
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<tr>
<td>Nose, hand-laid composite</td>
<td>101-410</td>
<td>102-410</td>
<td>103-410</td>
<td>299</td>
</tr>
<tr>
<td>Window, quarter, molded, uncoated, pre-cut to fit</td>
<td>101-6512L or R</td>
<td>102-6512L or R</td>
<td>103-6512L or R</td>
<td>31</td>
</tr>
<tr>
<td>Window, rear, pre-cut to fit</td>
<td>101-6125-2</td>
<td>102-6125-2</td>
<td>103-6125-2</td>
<td>312</td>
</tr>
</tbody>
</table>

**Wear Strip Attaching Kits**

- Helps to seal the nose to the race track to optimize aerodynamics.
- Protect the lower edge of your nose in style!
- Ready to install with Five Star’s Wear Strip Attaching Kit.
- Replace the “x” in the Wear Strip part number to indicate color:
  - BR = neon bright red
  - LG = neon lime green
  - CB = Chevron blue
  - BO = neon bright orange
  - FY = neon fluorescent yellow
  - R = red
  - B = black
  - Y = yellow
  - OR = orange
  - W = white

**Pro Cup Impala, Fusion, Charger**

Body Package Contents:

- Aluminum: doors ✓
- Composite, standard hand-laid: nose ✓
- Rear bumper cover ✓
- Kevlar® (vacuum-bagged) & E-Glass cloth: fenders ✓
- Quarter panels ✓

Package Options: add to package price:

- Doors, vacuum-bagged Kevlar® & E-Glass cloth  $+338.
- Quarter Panel, left, without gas filler  +$0.
- Rocker Panels, pair, specify black or white  +$60.

Universal Components Part Number

- Air Inlet Insert, composite 100-5100A $33.
- Brace Kit, rear window 100-6101 $57.
- Brace Kit, windshield 100-6301 $57.
- Bumper, front, .095" steel, 1½" round 100-7103B $30.
- Bumper, rear, .065" steel, 1¼" round 100-7503 $30.
- Bumper Cover, rear, hand-laid composite 100-450 $223.
- Bump ‘N Run Duct: Howe, core size 2¼" x 18½" 100-409-2 $118.
- Bump ‘N Run Duct: Howe, core size 22¼" x 18¾" 100-409-3 $118.
- Cowl Induction Cold Air System, carbon fiber 100-5114C $396.

Plastic Wear Strips

- Helps to seal the nose to the race track to optimize aerodynamics.
- Protect the lower edge of your nose in style!
- Ready to install with Five Star’s Wear Strip Attaching Kit.
- Replace the “x” in the Wear Strip part number:
  - BR = neon bright red
  - LG = neon lime green
  - CB = Chevron blue
  - BO = neon bright orange
  - FY = neon fluorescent yellow
  - R = red
  - B = black
  - Y = yellow
  - OR = orange
  - W = white

Each set includes 4 light weight pieces:

- machined outer washer
- tapered inner washer
- flathead bolt
- lock-nut

Wear Strip Attaching Kits

- PN 000-400K, PN 000-400K10 25 sets (both sides) $53.
- 10 sets (one side) $25.

Aerodynamically designed & wind tunnel tested for good aero balance, down force and low drag.
HOOD HINGE KIT
PN 100-33H | installs a hood | $39.
- CNC-machined from quality aluminum
- Lightweight & easy to install
- Extra large hood bracket eliminates hood flex.

DECK LID HINGE KIT
PN 100-31H | installs a deck lid | $24.
- CNC-machined from quality aluminum
- Lightweight, easy to install
- One kit completes the installation of a deck lid.

WINDOW BRACE KITS
PN 100-6101 | Rear Window kit (3 braces) | $57.
PN 100-6301 | Windshield kit (3 braces) | $57.
- Made of premium high strength, lightweight aluminum
- Low-gloss black powder-coated finish
- Slotted support flange saves weight & provides a clean look
- Foam-padded surface won’t mar window
- Predrilled holes to mount adjustable bracing from the interior for added support to window.

EACH KIT INCLUDES three CNC-machined aluminum braces designed to the exact contour of your windows and mounting hardware.

HOOD PROP
PN 000-3400 | 2 required | $42. each
- Perfect when used with a pair of Hood Hinges.
- Lightweight, durable & strong

COWL INDUCTION COLD AIR SYSTEM
PN 100-5114C | Fits 14" air filter element | $396.
- Bolt-on piece: easy to install
- Ultra light and durable Carbon Fiber construction: Only weighs 1 pound
- Kit includes (1) top piece, (1) bottom piece and (1) carb ring.
- DESIGNED SPECIFICALLY for Pro Cup rules.

LOWER NOSE SCREENS
Part numbers & pricing in chart on previous page.
- Frame is CNC-machined from quality aluminum.
- Screen is high strength stainless steel.
- Available unpainted or with durable satin black powder-coat finish
CAN BE RIVETED DIRECTLY to the nose, with no cutting or trimming required.

REAR DECK MOUNTING KIT
PN 100-450-RDK | $25.
- Everything you need in one convenient kit!
- Deck Lid Bracket:
  - Has the proper crown to help meet template.
  - Includes receptacles for two 3/8" hood pins.
- Deck Lid Height Slider:
  - 3½" of deck lid height adjustability
  - Two pieces slotted 3/4" square tubing
  - 3/8" hex bolts and nuts
SUPPORTS your rear bumper cover.
ALLOWS EASY ADJUSTMENT of rear spoiler height.

BUMP 'N RUN RADIATOR DUCT
100-409-2 | Howe, core size 24½" x 18½" | $118.
100-409-3 | Howe, core size 22½" x 18¼" | $118.
- Includes molded plastic radiator mounting flange
- Light weight and built to last
- Saves radiators
- Includes Nose Air Inlet Extension (replaces aluminum nose frame).
- Efficient air flow cools radiator.
- NOTE: Size by radiator core (not cooling tank)
THIS FLEXIBLE RADIATOR DUCTWORK retains 100% functionality even after a hit!
**ROOF MOUNTING**

1. Properly locate your roof using the dimensions in the chart at right.
2. Confirm that Dim. H, measured 10" back from the windshield, on the centerline) is 50".

**NOTES:**
1. DIM R is measured at the A-posts and the inside edges of the doors.
2. DIM S is measured at the B-posts and the inside edges of the doors.
3. Dimensions T front, T rear and U are taken at the edge of the roof (not on the ledge where the window sits) and are measured from the floor up.

**DIMENSION GUIDELINES**

<table>
<thead>
<tr>
<th>DIM</th>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>NOSE HEIGHT (min): from ground to top of bumper line</td>
<td>18¼&quot;</td>
</tr>
<tr>
<td>B</td>
<td>FRONT OVERHANG (max): on centerline</td>
<td>45&quot;</td>
</tr>
<tr>
<td>C</td>
<td>SIDE WINDOW OPENING (min): at B-post</td>
<td>15&quot;</td>
</tr>
<tr>
<td>D</td>
<td>REAR WINDOW LENGTH: on centerline</td>
<td>32¾&quot;</td>
</tr>
<tr>
<td>E</td>
<td>NOSE/SIDE PANEL CLEARANCE (min): from ground</td>
<td>4&quot;</td>
</tr>
<tr>
<td>F</td>
<td>BUMPER COVER HEIGHT (max): from ground</td>
<td>15½&quot;</td>
</tr>
<tr>
<td>G</td>
<td>REAR OVERHANG (max): from base of spoiler to axle centerline</td>
<td>48&quot;</td>
</tr>
<tr>
<td>H</td>
<td>ROOF HEIGHT (min): 10&quot; back from windshield, on centerline</td>
<td>50&quot;</td>
</tr>
<tr>
<td>I</td>
<td>FENDER HEIGHT: at rear</td>
<td>33 ½&quot;</td>
</tr>
<tr>
<td>J</td>
<td>DOOR HEIGHT: at rear</td>
<td>33 ½&quot;</td>
</tr>
<tr>
<td>K</td>
<td>QUARTER PANEL HEIGHT: at bumper cover/deck lid intersection</td>
<td>36&quot;*</td>
</tr>
<tr>
<td>L</td>
<td>WINDSHIELD ANGLE: at centerline</td>
<td>25/30°</td>
</tr>
<tr>
<td>M</td>
<td>REAR DECK LENGTH (max): at center, from base of spoiler to rear window</td>
<td>23 ¾&quot;</td>
</tr>
<tr>
<td>N</td>
<td>FRONT OF ROOF to center of rear axle</td>
<td>59&quot;</td>
</tr>
<tr>
<td>O</td>
<td>QUARTER PANEL HEIGHT: at back of wheel well opening</td>
<td>13&quot;</td>
</tr>
<tr>
<td>P</td>
<td>BUMPER COVER HEIGHT: at base of spoiler, on centerline</td>
<td>37 ½&quot;*</td>
</tr>
<tr>
<td>Q</td>
<td>BODY WIDTH (max): at wheel wells</td>
<td>75 ½&quot;</td>
</tr>
<tr>
<td>R</td>
<td>DOOR TO DOOR WIDTH: at A-posts and inside edges of doors, measured through car</td>
<td>60&quot;</td>
</tr>
<tr>
<td>S</td>
<td>DOOR TO DOOR WIDTH: at B-posts and inside edges of doors, measured through car</td>
<td>60&quot;</td>
</tr>
<tr>
<td>T</td>
<td>ROOF HEIGHT, corners: at scribe line located on window ledge</td>
<td>front: 46 ¼&quot;, rear: 46 ¼&quot;</td>
</tr>
<tr>
<td>U</td>
<td>ROOF HEIGHT, rear: at centerline</td>
<td>48&quot;</td>
</tr>
<tr>
<td>V</td>
<td>RIGHT DOOR TOP: to center of roll</td>
<td>4&quot;</td>
</tr>
<tr>
<td>W</td>
<td>LEFT DOOR TOP: to center of roll</td>
<td>4&quot;</td>
</tr>
</tbody>
</table>

* If Dimensions H, K or P are higher than the stated dimensions, all three must increase by the same amount.

**Note 1:** The composite nose must be 5⅛" from the ground when mounting the body. The minimum 4" ground clearance will be controlled by the required wear strip.