

**DirtOval.com 1/10 Mid-West Modified Rules**  
(All measurements taken with car race ready at ride height)

**Basic Measurements**

- (A) Width:** Min 9.25 / Max 10.50, *(body must cover at least 7/8ths of both rear tires)*
- (B) Length:** Min 21" / Max 23" *(Measured at extreme ends of car)*
  - Front bumper must be mounted flat and can not be angled up to act as a wing.
  - Front and rear windows must be removed and any clear portion is included in max roof length dimension.
- (C) Side windows** must remain clear, and can be cut out provided the cut out is flush with the center panel deck and a false cage or roof support is used to maintain the rigidity of the roof panel. Windows must also be the same on both sides.
  - False Roll Cages must be mounted parallel with the Side Panels, can not be thicker than .250", and may not be used to alter air flow in any way. False Roll Cages must be void of material in areas that do not mimic frame tubing, driver's seat or helmet.
  - Any bracing or supports used for the side panels or quarter panels must be a maximum of .750" wide and not be used to direct airflow.
  - Additional wings, flaps, wickers, spoilers or other aero devices used to direct air is prohibited unless specified in these rules.
- (D) Rear wheel openings** must be cut out to a minimum diameter of appropriate tire (3.25" for buggy tires) measured from the ground.
  - Fabricated Bodies: Center panel, Hood and Noses must be made from .030" thick polycarbonate material. Side Panels, Doors, Windows, Roof, can be made from minimum .020" thick lexan/polycarbonate material *(measurements do not include any decal or wrap)*
  - All Vacuum formed body panels must be pulled from minimum .030" thick lexan/polycarbonate material.

**Center Panel** (main inner center section panel)

- (E) Max Center Panel Width:** 10.25" *(Measured as panel surface area inside the side panel mounting tabs)*
  - Must be same width front and back.
  - Center Panel cannot extend past the side panels and must be flush with back of rear quarter panels.
  - Entire center panel must be flat (on one plane) from spoiler base to front edge of panel, terminating with a max .375" radius turn down or roll down featuring a minimum .500" lip (firewall) at a 90° angle to the center panel.
  - **Must be mounted parallel to bottom of chassis with maximum rake of .500" difference from leading edge of panel (before bend down) to trailing edge at spoiler base. (Measured from bottom of chassis)**
  - No rear wheel cutouts are allowed on the horizontal plane of the center panel.

**Roof**

- (F) Length:** Min 4.5" / Max 6.5"    **Width:** Min 6.0" / Max 7.5"
- (G) Roof Location:** Min 2.5" / Max 3.5"
  - Front and Rear edges of roof must have bend DOWN of Min .125" / Max .250" between 45° and 90° (no roof spoilers)
- (H) Clearance between center panel and top of roof:** Min 1.50" / Max 2.25"
- (H) Max rake** of .500" difference from leading edge to trailing edge measured from the center panel to top of roof panel.
  - Roof must be mounted square to the side panels.
  - Roof panel must be 90° at all (4) corners
  - Roof panel cannot be dished.
  - Support fins, ribs, or any ridges may not extend higher than .125" over the plane of the roof panel.
  - Top of "A" pillar must terminate at front edge of roof.
- (I) Bottom of "A" pillar** must terminate at the front edge of the side panel/door with a **max height** of .250" from top of side panel.

## Sail Panels

- (J) Sail panels cannot extend higher than the roof line or contain any sort of wicker or flaps, and must be the same shape and configuration on both sides.
- (J1) Sail panels must curve or angle down starting at no more than 1" behind the rear edge of the roof and end at a point no further back than .750" past the rear deck with a max height of 1.5" angled forward to meet at the corner of the deck.
- (J2) Sail panels cannot end any further forward than 2" from the rear deck.
- (J3) Sail panels can be bowed out, but cannot bow out past the plane of the side panels at large.
  - Sail panels can be cut out provided: 1) it does not effect the minimum range of the Side Panel template, 2) all remaining pillars and sail borders are a minimum .500" across, 3) normal rigid integrity of the roof and body is maintained thru inner supports and/or a false roll cage, 4) cut-out does not go below center panel deck.

## Side Panels

- (K) **Length:** Min 12" / Max 14" (*Measured at all points of the panel*)
- (L) **Height:** Min 3" / Max 3.5" (*Measured at all point of the panel*)
  - Both sides must be symmetrical in length and mounting location (cannot be offset from each other).
  - Top of side panels must be flush to the plane of the center panel.
  - Leading edge of side panel can be angled back from the bottom to the pillar, but must be a straight edge. (no wheel cut outs)
- (M) **\*\* Minimum distance between leading edge of side panel and back edge of front tire: .750"** (*measured with tire pointed forward and car sitting at resting ride height using a .750" block set down between the tire and panel as a no-go gauge*)
- (N) **\*\* Minimum distance from the center of the front axle back to the rear of the quarter panel: 15.75"**.
  - (\*\* = be sure to leave room for front wheelbase and kick-up adjustments as well as different tire sizes for the min .750" gap)
  - Side panels can be flat or convex in shape (bowed out) as long as they fit within the overall max width, but cannot be concave in shape. "Step outs" at the bottom of panel are ok.
  - Side panels as well as rear quarter panels cannot be tucked under center deck panel.

## Hood

- (O) **Hood Length:** Min 3" / Max 4.75" (*Measured from the firewall to the point where the nose and hood meet*)
  - Front of hood must be the same width as the Nose Panel. The hood must be flat and can taper out to the firewall but cannot cover front tires or exceed the width of the main deck panel. **Max rake of .250" difference from leading edge to trailing edge measured from the bottom of the chassis.**
- (P) The "engine area" of the hood cannot be enclosed. **A max hood side panel of .750"** is allowed, but cannot extend above the plane of the hood panel.

## Nose

- (Q) **Nose Panel Width:** Min 4" / Max 5.50" (*Measured as panel surface area inside the end plates*)
- (Q) **Nose Panel Length:** Min 4" / Max 5.50" (*Does not include a max allowable .500" mounting tab*)
  - Nose panel must not be concave (dished) in shape or contain any ribs, wickers, flaps, or openings to direct airflow.
- (R) Side panels of Nose must be perpendicular to the nose panel (no flares). **Allowable extension of side panels above the plane of the Nose Panel is maximum .250"** at every point along the plane of the nose panel.

## Spoiler & End Caps

- (S) **Spoiler max length:** 1.5" including a max .250" wicker. Spoiler cannot be wider than center panel.
  - No more than (2) spoiler center braces allowed. Center braces can be no larger than optional spoiler end caps.
  - End Caps cannot extend past end of Side Panel by more than .750". (*Included in the Max Length of Body*)
  - **End Cap Size:** Length 2.75" Height 1.5". Height is area of End Cap above the rear deck.

