

# A-HOBBY

CHASSIS TYPE	MOTOR TYPE	TRANSMISSION TYPE	WEIGHT MINIMUM	SPOILER HEIGHT
CAMARO CLIP	<b>350</b>	RACING	2600	<b>12"</b>
CAMARO CLIP	<b>350</b>	STOCK	2450	<b>12"</b>
CAMARO CLIP	<b>400</b>	RACING	2700	<b>12"</b>
CAMARO CLIP	<b>400</b>	STOCK	2550	<b>12"</b>
CAMARO CLIP	<b>602</b>	RACING	2400	<b>12"</b>
CAMARO CLIP	<b>602</b>	STOCK	OPEN	<b>12"</b>
FULL JIG CHASSIS	<b>602</b>	RACING	2600	<b>8"</b>
FULL JIG CHASSIS	<b>602</b>	STOCK	2450	<b>8"</b>

**\*All Camaro Clip cars must maintain 3 link suspension, no coil overs or 4 links allowed.**

## ENGINES

- A. Steel blocks only, may be bored to casting limits
- B. Flat top pistons only. Cannot come above deck
- C. Crank and rods must be stock or stock replacement (stock stroke and stock rod length.)
- D. Scat/Eagle parts legal
- E. Balancing permitted but no lightening or knife-edging allowed

- F. Polishing stock rods allowed
- G. Wet sump oil system only

#### **ENGINE SET BACK**

- A. The center of the top ball joint must be even with the most forward spark plug hole (1" tolerance)

#### **HEADS**

- A. Any Steel OEM 23 degree head allowed (GM Bowtie allowed)
- B. No porting or polishing allowed
- C. Combustion chamber to be no less than 60cc
- D. Intake runner GM 195cc/Ford 205cc/Mopar 205cc maximum
- E. No machine cuts or grinding in combustion chamber or ports

#### **CAMS**

- A. Any hydraulic or flat tappet cam and lifters allowed
- B. Lifter diameter must be OEM for make
- C. Roller rockers allowed
- D. Any valve spring permitted

#### **VALVES**

- A. Intake 2.02 max.
- B. Exhaust 1.600 max.

#### **INTAKE MANIFOLD**

- A. Aluminum permitted
- B. No porting/polishing or grinding anywhere permitted

#### **CARBURETOR**

- A. One four barrel carburetor only
- B. No dominators or predator carbs allowed

#### **HEADERS**

- A. Any type header allowed / must run parallel to ground

#### **IGNITION**

- A. Any electronic or points ignition

#### **SUSPENSION / SHOCKS / SPRINGS**

1. Tubular upper a-arms permitted / must be in stock location
2. Lower control arm must be OEM for clip cars
3. No adjustable or canister shocks OF ANY KIND permitted
4. Racing shocks and wedge bolts allowed

5. Coil over eliminators permitted
6. Multi-leaf, composite single leaf, or 3 link rear suspension only
7. No coil over's allowed
8. No tranction LRF shocks allowed
9. All springs must have a 5" O.D. minimum

### STEERING

- A. Racing racks permitted (Appleton, Sweet, Etc.)

### REAR AXLE / REAR END

1. Stock type or quick-change with steel or Aluminum tubes
2. Wide 5 hubs allowed
3. No independent rear suspension permitted
4. No torque arms (lift bars, 5'th, and 6'th coils) allowed
5. No coil over's allowed/no birdcages/no brake floaters allowed
6. Pull bars permitted

### TRANSMISSIONS

1. All transmissions must be fully functional with both forward and reverse gears
2. Must be OEM type [standard or automatic]
3. Must use blow proof bell housing on standard shift
4. Driveshaft must be painted White

### FLYWHEEL

- A. Stock steel flywheel only no lightening of any kind
- B. Automatics must have OEM torque converter
- C. Multy disc clutches will be permitted with the addition of 50 lbs.

### DRIVE SHAFTS

- A. All drive shafts must be a minimum of two inches (2") in diameter.
- B. All drive shafts must be painted white.
- C. Only one drive shaft is permitted.
- D. All drive shafts must be protected with a secure drive shaft hoop or sling.

### CHASSIS / FRAMES

- Both Rectangle and Square Tubed Frames are legal
- Cars must have a stock clip from mid-plate forward
- Full jig cars are permitted with 602 Crate motors. See above for weights / details.

#### Square Tube Frames

- A. The frame of all cars must be constructed of two inch (2") by two-inch (2") minimum rectangular or square tubing with a minimum of eight inch (8") circumference and a minimum of eighty-three thousands inch (.083") wall thickness.

#### Round Tube Frames

- A. The frame of all cars must be constructed of a minimum of one and three quarter inch (1 $\frac{3}{4}$ " ) round tubing and must have a wall thickness of eighty-three thousandths inch (.083") wall thickness minimum.
- B. No aluminum or titanium frames permitted in construction of car
- C. If rear bumper is stubbed, it may only extend a maximum of eight inches (8") beyond frame. Any stubbed rear bumpers that extend eight inches (8") or more beyond frame must be rounded and directed towards the front of the car.
- D. It is recommended that all cars be equipped with a tow hook or strap.
- E. All battery supports must be braced in two axis - two horizontal and one vertical.
- F. Minimum wheelbase span of 103" inch
- G. Number 1 spark plug must be in line with upper ball joint (1" tolerance)

### **BODIES**

- A. Steel, aluminum or fiberglass bodies allowed
- B. Nose panel and roof must match
- C. Rear can be enclosed [optional]
- D. Deck width of car may be no wider than 72 inches
- E. Tubular bumpers allowed.
- F. Eight (8) inch spoiler with matching side braces allowed

### **SPOILER**

- A. Maximum seventy-two inch (72") width.
- B. Rear spoiler is not permitted to be suspended above the deck to create a "wing effect."
- C. Rear spoiler must begin where quarter panels end. No extended decks permitted.
- D. Spoiler supports cannot be mounted wider than the top of the quarter panel.
- E. Total amount of rear spoiler material used on CAMARO CLIP CARS must not exceed twelve-inches (12") in height (measured from deck to tip of material).
- F. Total amount of rear spoiler material used on FULL JIG CARS must not exceed eight-inches (8") in height (measured from deck to tip of material).

### **SEATS**

- A. Must have racing seat
- B. Must be mounted with grade 5 or better hardware
- C. Must have 4 or 5 point safety belts

### **FIREWALL**

- A. A full metal fire wall must encompass the front, rear, sides, and floor of the driver

### **FUEL / FUEL CELL**

- A. Fuel cell w/steel can and 2" steel straps mounted in rear of car only
- B. Gas or E85 only! No alcohol, nitrous, methane, or any other nitrate additives

### **BRAKES**

- A. All cars must have an operational (4) wheel braking system
- B. 3 wheel / right front break shut offs are ok
- C. Any type steel brakes allowed

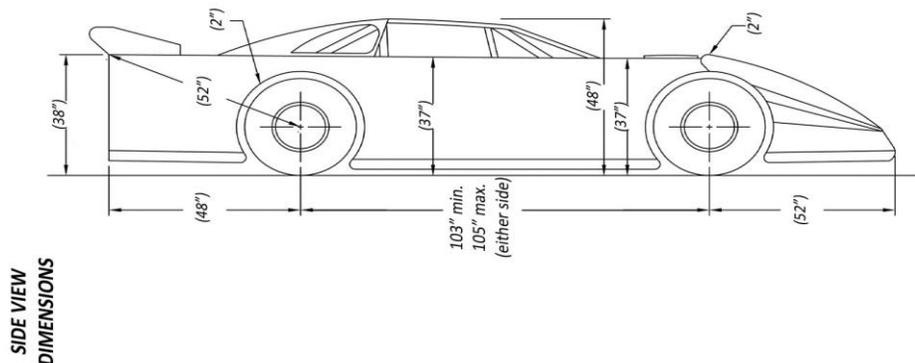
## WHEELS / TIRES

- A. Front tires open.
- B. Rear tires Hoosier 1600's / 55's or American Racer 56's
- C. All rear tires must punch / stick 50 AT ANY GIVEN TIME with the track's durometer.
- D. No Chemical Treating of tires allowed
- E. Bead locks permitted
- F. Any steel or aluminum wheel / 14" (inch) maximum width

## LATE MODEL, CRATE, SPORTSMAN, A-HOBBY

### SIDE VIEW DIMENSIONS

- Stock Nosepiece can extend a maximum of fifty-two inches (52") from center of front hub to farthest point extending forward.
- Roof height must be between forty-five (45") and forty-eight inches (48") from the ground.
- Front fenders cannot exceed thirty—seven inches (37") in height measured from the ground.
- The front fender flares may not be higher than fenders by more than two inches (2").
- Doors cannot exceed thirty-seven inches (37") in height measured from the ground.
- Fifty-two inches (52") maximum center of rear hub to top corner of quarter panel.
- Forty-eight inches (48") maximum length from center of rear hub to end of quarter panel.
- Thirty-eight inches (38") maximum height from top of deck to ground.
- Minimum of two inches (2") tire clearance from body.
- Any skirting can extend beyond the quarter panel.

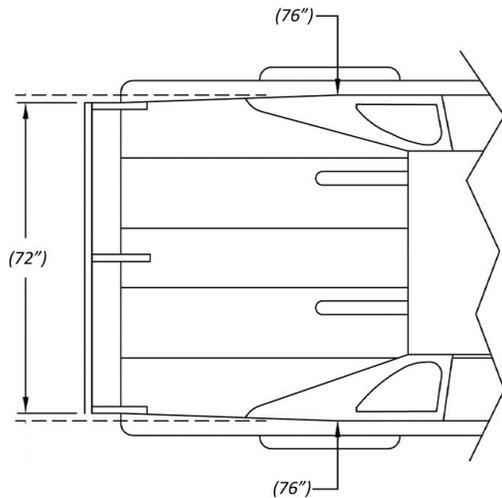


# LATE MODEL, CRATE, SPORTSMAN, A-HOBBY

## QUARTER PANEL OPTIONS

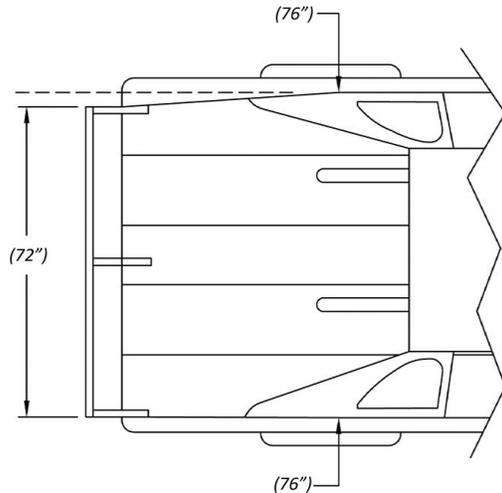
### Option 1

- Rear decks must taper from seventy-six inches (76"), as measured at the top over the rear hubs, (in uniform) back to seventy-two inches (72") at the spoiler, equally on both sides.
- The quarter panels cannot exceed seventy-six inches (76") in width at any point behind the center of the rear hub as measured at the top.
- Maximum spoiler width is seventy-two inches (72").



### Option 2

- Rear decks must taper from seventy-six inches (76"), as measured at the top over the rear hubs, back to seventy-two inches (72") at the spoiler, on the left side only.



## BODIES

- A. Nosepiece and roof must match body style of car.
- B. All cars must have a minimum of one inch (1") and a maximum of two (2") inches of roll at top of fenders, doors, and quarter panels. A sharp edge or angle will not be permitted. Body roll must go from sides over interior, not interior over sides.
- C. Floorboards and firewall must cover the driver's area and be constructed to provide maximum safety.
- D. Driver's seat must remain on the left side of the drive line.
- E. Front window bars are mandatory.
- F. Legible numbers, at least eighteen inches (18") high are required on each side of the car and roof.
- G. No fins or raised lips of any kind are permitted anywhere along the entire length of the car.
- H. Bodyline must be a smooth even line from front to rear.
- I. No "slope noses" or "wedge cars" permitted. Noses must be stock appearing, subject to Series template.
- J. No "belly pans" or any type of enclosure on bottom of cars will be permitted. Skid plate to protect oil pan is permitted.
- K. No wings or tunnels of any kind are permitted underneath the body or chassis of the car. A maximum of one (1) stone deflector, for rear mounted oil pumps, oil filters, and for the main oil tank will be permitted. The deflector may be made of steel, aluminum, or heavy gauge wire. The cover may only be mounted near the unit it is designed to protect with a maximum size of mounted only from the upper right frame rail to the lower right frame rail.
- L. All body panels must be solid. No holes, slots, or air gaps are permitted.
- M. All non-approved bodies or any section/s of the body can or will be assessed a fifty pound (50#) minimum weight penalty at the discretion of the Technical Director.
- N. No panels of any kind under the rear deck running from the front to the rear of the car. Bracing from fuel cell top from front to rear is legal.
- O. Any air cleaner scoops used must be positioned in front of or around the air cleaner and cannot exceed one (1") inch in height above any part of the air cleaner. The scoop cannot be designed with fins or raised edges to direct airflow. The scoop cannot extend behind the rear of the air cleaner and must have a maximum width of seventeen inches (17") at the rear, with a maximum of ten inches (10") width at the front and cannot have more than one inch (1") opening in height at the front.
- P. No cockpit or driver adjustable shocks, hydraulic or pneumatic weight jacks, trackers, MSD boxes or similar adjustable components of any kind are permitted inside the cockpit of the car. Taping over of any adjuster is not permitted. The offending component must be removed from the cockpit.

## **STOCK NOSEPIECES**

- A. North Georgia Speedway Technical Inspector must approve all stock nosepieces.
- B. Nosepieces must be made of molded type material.
- C. Two (2) piece noses must be fastened together in the center. No spacers to gain width are permitted.
- D. The nosepiece must be mounted so as not to alter its original shape.
- E. Adding to the bottom of the nosepiece in the front achieving lower ground clearance is permitted.
- F. A stock nosepiece can extend a maximum of fifty-two inches (52") from the center of the front hub to the farthest point extending forward.
- G. Front fender flairs must be made of plastic and cannot alter the original shape of the nosepiece. The front fender flairs cannot extend beyond the front tire more than one inch (1") in width with wheels pointed straight.
- H. Front fender flairs must have collapsible support.
- I. Front fender flairs can extend a maximum of three inches (3") above the fender tops and hood.
- J. Front fender flairs can extend a maximum of four inches (4") above where the filler panel meets the hood.

## **ROOF AND ROOF SUPPORTS**

- A. The roof length size must be a minimum of forty-four inches (44") to a maximum of fifty-four inches (54").
- B. The roof width size must be a minimum of forty-eight inches (48") to a maximum of fifty-two inches (52").
- C. Roof must be stock appearing and mounted level.
- D. Roof height must be between forty-five inches (45") and forty-eight inches (48") from the ground.
- E. The roof must be mounted parallel to body and near center of the car.
- F. A maximum one and one half inch (1.5") roll, turned downward, is permitted along the front edge of the roof. A maximum one-inch (1") roll turned downward is permitted along the rear edge of the roof. (Roll permitted to help strengthen roof).
- G. No flat or odd shaped roofs permitted.
- H. All roof side (sail) panels must extend to the edge of the body. Maximum (no tolerance) right side sail panel size – seventeen inches (17") at the top, forty-three inches (43") at the bottom. Maximum (no tolerance) left side sail panel size – seventeen inches (17") at the top, forty-three inches (43") at the bottom and minimum fifteen inches (15") at the top, forty inches (40") at the bottom. The window area may be covered with clear Lexan or transparent material. Both roof support openings must be covered or both must be left open, if left open the openings must remain the same size. Decals will be permitted but must meet the dimensions in the drawing and must be approved by the Technical Inspector. Maximum two-inch (2") bow in either direction in rear roof side panels is permitted.
- I. Sail Panel Windows Openings must be the same size on both the left and right sides, they must be in the same location and orientation on both the left and right sides.
- J. All cars must have a minimum of three inches (3") and a maximum of four inches (4") between sail panel and spoiler side where they meet the deck.
- K. Front posts must be flat and in uniform width from top to bottom – four inch (4") maximum width.
- L. Any sun shields, four inch (4") maximum, must be able to hinge for easy exiting of car.

## **FRONT FENDERS AND HOOD**

- A. Must be level and flat from left to right side of car.

- B. Fenders are not permitted to gain height from front to rear of car.
- C. No part of fender or hood can be outside of the bodyline.
- D. The front fender can be a maximum of thirty-six inches (36") in height. Height is measured vertically from the ground to the top of the fender behind the front tires.

### **DOORS**

- A. Door to door cannot exceed seventy-seven inches (77") in width at the top of the doors.
- B. Door to door cannot exceed eighty-two inches (82") in width at the bottom in the center of the car.
- C. Doors cannot exceed thirty-six inches (36") in height measured from the ground.
- D. At no point can the door sides break in towards the center of the car between the top and bottom measurements.
- E. The minimum ground clearance permitted is three inches (3").

### **QUARTER PANELS**

- A. No offset quarter panels permitted. All quarter panels must taper equally towards the center of the car.
- B. Tire clearance from body must be a minimum of two inches (2"). No wheel skirts permitted.
- C. At no point can quarter panel sides break in towards center of the car.
- D. Right side quarter panel must be straight in line with the door or taper in a maximum of one inch (1").
- E. Left rear quarter panels must extend downward from the deck a minimum of thirty-three inches (33") and a maximum of thirty-six inches (36") including the plastic. (The measurement is taken at the front and rear of the quarter panel.)
- F. Right rear quarter panels must extend downward from the deck a minimum of twenty-seven inches (27") without the plastic and thirty-one inches (31") with plastic. (The measurement is taken at the front and rear of the quarter panel.)

**(NOTE: THERE WILL BE A 1" TOLERANCE ON BOTH QUARTER PANELS)**