



***RULE BOOK***  
***2016***



## PREFACE TO THE RULES

(Please Read Very Carefully)

The rules and/or regulations set forth herein this rulebook are designed to provide for orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the conditions of all Legacy Car events. It is ultimately the obligation of each driver and car owner to insure that their conduct and equipment comply with all applicable CompCar rules, as they may be amended from time to time. *No express or implied warranty of safety shall result from publication of, or compliance with these rules and regulations. The rules and regulations are intended as a guide for the conduct of the sport and are in no way a guarantee by CompCar or any other person or entity against injury or death to participants, spectators, or others.* If a driver should be seriously or fatally injured, CompCar of NC, Inc. reserves the right to impound the car for review and evaluation.

No Pretense is made of having designed a fool proof set of rules and regulations. The spirit and intent of the rules contained within this rulebook are going to be the standards by which Legacy Car racing will be guided. Event officials are authorized to decide if an equipment change is an attempt to beat the rules. They can and will disqualify an entry in violation of the spirit and intent of these rules.

Disagreements or disputes regarding the meaning or application of the Legacy Car rules, pertaining to judgment calls, race procedure issues, conduct and/or any other issues covered or not covered in this rulebook while at a CompCar of NC, Inc. sanctioned event, will be dealt with by the CompCar of NC, Inc. Regional Director, in charge of the event(s). However, should a disqualification result from any part(s) or mechanical component(s) making up the construction of an Allison Legacy race car at any time during said event, being deemed illegal, the regional director for your area shall oversee removal of said part and/or component(s) and forward said part and/or component(s) to CompCar of NC, Inc. Corporate Office in North Carolina for final determination of legality. A CompCar official or track representative shall have the right to initiate action correcting a hazardous condition or a condition not in compliance with the spirit and intent of these rules and regulations set forth in this rulebook. Appeals can be considered by the CompCar of NC appeals committee as provided for herein.

*Any questions about the legality of a change must be answered by CompCar of N.C., Inc. corporate office in writing. The cars and engines are designed to remain in the original form in which they were purchased "NEW" from Allison Brothers Race Cars, Inc.*

*CompCar of NC, Inc. reserves the right to impound any Legacy Car, transport any Legacy car, chassis dyno any legacy car and remove any component on your Legacy Car (including the engine) at any time. Illegal components shall become the property of CompCar of NC, Inc.*

All competitors must remain in good standing with CompCar, Allison Brothers Race Cars, Inc., and their authorized Legacy Car distributors and dealers in order to be eligible for competition.

### *CompCar of NC*

#### *Official Sanctioning Body of the Allison Legacy Racing Series*

**Licenses Required**-All car owners, drivers, crew members, and persons entering the pit area must be licensed members of CompCar of NC, Inc. Competitors caught with non-CompCar members working on their cars will be penalized.

**Minimum Driver License Requirements**-To secure and maintain a CompCar of NC, Inc. Competitor license as a race driver, a CompCar of NC, Inc. member must: be at least 12 years of age\* , if requested by CompCar Officials, submit to and pass driving ability tests conducted by and at the discretion of CompCar of NC, Inc. officials, whose decision as to the applicant's driving ability is final and binding on the applicant. Be physically fit.

\*a racetrack may require a different minimum age for a race driver at their track.

No driver under the age of 12 yrs old is allowed by CompCar of NC, Inc. to drive in any CompCar of NC, Inc. sanctioned race at any track.

**Car Registration**-All cars must be registered each year by serial number and engine number with CompCar of NC, Inc. by the car owner. The car owner must be 16 years of age or older. If car is not registered, driver may not be eligible to receive points, purse and awards.

## **SPECIFICATION RULES**

The term "stock" in this rule book refers to the specification of, form of, and materials of all pieces that make up the construction of a Legacy car as manufactured by Allison Brothers Race Cars Inc. and/or received from Allison Brothers Inc. by authorized distributors, dealers and retail customers. The term "stock" in this rulebook makes no reference to any other manufacturer's specifications.

No parts will be permitted on any car that does not meet CompCar of NC specifications. No parts will be permitted on any car that are not acceptable to CompCar of NC Officials.

### **CHASSIS**

1. All Legacy car frames must be purchased from Allison Brothers Race Cars Inc. All Legacy car frames must be identified by the serial number registered with CompCar of NC.

This serial number is non-transferable and must not be tampered with in any way. Chassis can not be modified in any way and must remain stock. All materials must remain original as manufactured by Allison Brothers Race Cars Inc. All chassis must have the new "Tuthill" bar.

2. Pick-Up Points--All pick-up points must remain in their original position as manufactured by Allison Brothers Race Cars Inc. Absolutely no modifications.
3. Firewall--driver foot box must remain stock. Interior sheet metal may be changed in material but not appearance and can be no less than .040 aluminum.
4. Bumpers--Front and rear bumpers must remain the stock material, wall thickness, dimensions and location as delivered from the factory. No reinforcements of any kind will be permitted.

### **FRAME HEIGHT**

Bottom of main frame rails must maintain a minimum height of 4" from ground.

### **SUSPENSION**

1. Rear End--Only the Speedway Engineering midget six spline quick change rear end with 4.11 ring gear and pinion is permitted. Aluminum spools only. No lockers, ratchets or true tracks permitted. Axles must remain stock. No alterations or lightening permitted in any form. The upper link bracket, rear end tubes, trailing arm, panhard bar bracket and shock mounts cannot be changed. No wheel spacers permitted on the rear end. The complete rear end assembly cannot be changed from stock specs in form or material including all rods connecting rear end to frame. The only other type of rod ends permitted other than stock will be steel or stainless steel heim joints.

2. Front Suspension--Upper and lower control arms, steering arms, spindles and hubs must remain stock. No modifications or changes in form or materials including ball joints and all connecting tubes. The only other type of rod ends permitted other than stock will be steel or stainless steel heim joints. Wheel spacers--One steel, 1/4 inch thick, 6 1/2 inch outside diameter and 2 1/2 inch inside diameter is mandatory on each side. No other wheel spacers permitted.

3. **Shocks--Only non-adjustable stock steel SB-64 series Pro-Formance shocks will be permitted. One shock only permitted per wheel. The only adjustable device allowed on the shock is the spring adjusting nut.**

4. **Springs--Only 1 7/8" inside diameter 10" long steel coil over springs permitted. The spring must be mounted in coil over form over the shock.**

### **TRACK WIDTH**

**Total width outside to outside of either the front tires or the rear tires cannot exceed 60".**

### **WHEEL BASE**

**80" -- Wheel base cannot exceed 80 1/16" on either side and can be no less than 79 3/4" on either side.**

### **OFFSET**

1. **Rearend in car--The center of the rear end can be no more than 1/8" off of the centerline of the tail section either way (side to side).**

2. **A-Frames--Lower control arms on front end cannot be more than 1/8" different in length from the center of the rod end to the center of the ball joint on the front leg of the control arm.**

### **BRAKES**

1. **Master Cylinder--Only one single piston steel Ford type master cylinder must be used. The only modification allowed is removal of the residual pressure valve.**

2. **Brake Lines--Only 3/16" diameter steel brake lines permitted, attached at master cylinder. A flexible hose not to exceed 20" in length must be attached to front calipers. A flexible hose not to exceed 20" in length is permitted at the rear brake line T fitting. A brake line proportioning valve is permitted.**

3. **Calipers--Only the Outlaw model #1000/Allison Legacy-1.75" piston-3.75" mount caliper is permitted. Brake calipers must be mounted in the stock location. All brake caliper brackets must remain stock in material and form and in location. ALL BRAKES MUST REMAIN OPERATIONAL AT ALL TIMES!! Calipers may be shimmed for pad clearance.**

4. **Brake Pads--All brake pads must be stock and must be approved by CompCar of NC.**

5. **Front Brake Rotors--Front brake rotor must be solid steel and have a 9 3/4" outside diameter. Rotors can have a maximum thickness of 3/8" and a minimum thickness of 0.300". Brake rotors cannot be modified in any form including drilling, cutting, grooving or grinding.**

**6. Rear Brake Rotors--Rear brake rotors must be solid steel and remain stock. Rotors must have a 10 1/2" outside diameter and 6 1/4" inside diameter. The outer surface of the brake hat must have a 6 5/8" outside diameter and a 2 5/8" inside diameter.**

**Rotors can have a maximum thickness of 3/8" and a minimum thickness of 0.300". The distance from the outer surface of the brake hat to the center of the rotor must be 2 1/2". Rear brake rotor assembly cannot be modified in any form including drilling, cutting, grooving, or grinding.**

**7. Brake Duct--Only one brake duct hose allowed per each wheel, all duct hoses must be securely fastened in place on both ends. No blowers, fans or mechanical devices allowed to cool brakes. No manufactured, fabricated or any type of ducts allowed on opposite end of any hose from inlet. Brake hoses must be securely fastened on brake caliper end and pointed directly at brake rotor. Duct hoses cannot exceed 3" in diameter.**

## **STEERING**

**1. Steering Box--The Allison Legacy rack & pinion spec steering box is the only steering box permitted. The steering rack must remain stock and in the stock location.**

**2. Tie Rods and Rod Ends--Tie rods cannot be changed in material or mounting form. The only other type of tie rod ends permitted other than stock will be steel or stainless steel heim joints.**

**3. Steering Shaft--Steering shaft must remain stock between rack and firewall. Steering shaft may be raised, lowered, shortened or lengthened from firewall back, but not changed in material.**

**4. Quick Coupler & Steering Wheel--Steering coupler and wheel must be approved by CompCar of NC, Inc.**

## **ENGINE ASSEMBLY**

**The engine assembly will consist of the engine long block and all components bolted to it including the intake manifold, carburetor and its adapters, distributor assembly, flywheel, clutch and pressure plate.**

## **ENGINE REBUILDS**

**All engine rebuilds will be done through Allison Brothers Race Cars, Inc.  
NO ONE IS AUTHORIZED TO DO ANY ENGINE WORK TO THE ALLISON LEGACY ENGINE**

**All engine parts and accessories, internal and external, must remain stock and in stock location. The only engine permitted for any CompCar of NC/Allison Legacy event, including practice, qualifying, and races is the stock Mazda B2200, 2.2 liter, piston, overhead cam engine. The engine must have the fully visible engine serial number. The engine serial number must be registered with CompCar of NC and Allison Brothers Race Cars, Inc. before any event. The engine and engine parts must remain sealed in the CompCar of NC designated seal areas in the stock manner with stock seals. Engine seals cannot be altered or tampered with in any way.**

**ANY VIOLATION OF ANY ENGINE RULE WILL RESULT IN:**

- 1. THE COMPLETE ENGINE ASSEMBLY WILL BE CONFISCATED and WILL BECOME THE PROPERTY OF CompCar of NC**
- 2. A MINIMUM \$1,000 FINE WILL BE ISSUED TO THE CAR OWNER AND DRIVER.**
- 3. THE DRIVER AND CAR WILL BE DISQUALIFIED FROM THE EVENT**
- 4. THE DRIVER AND OWNER WILL BE PENALIZED 250 POINTS**

**Absolutely no parts of the engine assembly may be altered in spec, material, or form or replaced with any after market, fabricated, custom, or otherwise, parts at any time. Engine mounts must remain stock.**

**CARBURETOR**

**Only the Weber 32 36 16 5L DGV5A carburetor is permitted. The carburetor, all parts of the carburetor, and the adapter plate must remain stock and in the stock location. The air jets, main fuel jets and low speed idle jets may be changed, but must be stock jets. No other changes or modifications are permitted on the carburetor. CompCar of NC reserves the right to change any competitor's adapter plates and/or carburetor at any time.**

**AIR CLEANER**

**Only the Weber Part #9921 7331 air cleaner is permitted. The air cleaner base, element, and top must remain stock and must remain in stock location. Absolutely no ducts, hoses, or other devices directed to or attached to air cleaner will be permitted.**

**ENGINE EXHAUST SYSTEM**

**All parts of header and exhaust pipe must remain stock and in the stock location. Engine exhaust system may be painted, coated, or wrapped with a high temperature coating.**

**Right side tailpipe turn out (part #Allison 2041) is Mandatory for ALL CompCar of NC, Inc. sanctioned events for the Allison Legacy Race Series (National and Regional events).**

**ENGINE COOLING SYSTEM**

**All parts of the engine cooling system must remain stock and in the stock location. Only the designated Allison Legacy aluminum radiator is permitted. Radiator overflow hose is permitted. Radiator hold down must remain stock.**

**A box type duct is permitted from the nose piece to the radiator. The duct can be no larger than the radiator its self where against the radiator and no wider than the outward bumper supports at nose piece. The only items that can be ducted through this box are the radiator, oil cooler (optional), or front brakes. This box will only consist of two sides and one top and one bottom. No other dividers, fins, air directing devices or anything else permitted inside of duct work. Duct work must be sealed to radiator.**

**Oil Cooler--(optional)**

**An engine oil cooler is permitted, but must be approved by CompCar of NC, Inc.**

**Fan--(optional)**

**Only 1 twelve volt electric fan is permitted. Maximum 12" in diameter. The fan must be securely fastened to the radiator core. No other fans will be permitted on car.**

## **CLUTCH**

Clutch, pressure plate, and flywheel must remain stock and are considered parts of the engine assembly. Any modification to any part, including surfacing of flywheel, will result in loss of engine assembly and all actions outlined under engine violation rule. Clutch master cylinder, lines and slave cylinder must remain stock and in stock location.

## **TRANSMISSION**

Only the stock Mazda B2200 5 speed transmission is permitted. The transmission and all parts of the transmission must remain stock and in the stock location. The only part in, on, or attached to the transmission that may be altered is the shift lever. No alterations of any other kind permitted. All five forward gears & reverse must be operational at all times.

## **DRIVE SHAFT**

Drive shaft must remain stock and in the stock location. Absolutely no aluminum drive shafts permitted.

## **ENGINE ELECTRICAL SYSTEM**

All engine electrical components must remain stock, in the stock location, and must operate in stock manner at all times. **ABSOLUTELY NO IGNITION OR ENGINE ELECTRICAL COMPONENT ENHANCING DEVICES ARE PERMITTED.**

## **FUEL SYSTEM**

1. Fuel Cell types—A Fuelsafe fuel cell with bladder and aluminum can or a Fuelsafe standard fuel cell is the only type of fuel cell permitted. These fuel cells are manufactured for the Allison Legacy car and no part of cell can be altered in any way. Fuel cell location and fastening items must remain stock.
2. Fuel Line—Automotive or Aircraft grade fuel line no larger than 5/16” inside diameter must be used. Any canister type fuel filter can be used. No glass filters permitted. Pickup and return line between fuel cell and fuel pump must pass through steel fuel line tube, which must be in stock location.

## **Fuel Rules**

### **ALLISON LEGACY TOURING SERIES ----**

1. The only fuel permitted for all Allison Legacy Touring Series events, including practice, qualifying and race, is the spec Allison Legacy fuel provided to Allison Brothers Race Cars Inc. by Sunoco.
2. This fuel is teal in color and is provided from Sunoco with electronic markers for testing. Mixing of this fuel with any other fuel or additives of any kind will destroy the electronic markers and cause failure of the fuel test.
3. CompCar reserves the right to take fuel samples from any competitor’s fuel at any time, before, during or after, any Allison Legacy Touring Series event.

4. Fuel samples may be subject to a temperature test. No icing or cooling of fuel or any component relating to the fuel system allowed at any time.

5. Fuel samples will be electronically tested on site. Should a competitors fuel sample fail the on site test, the sample will be transported to the CompCar of N.C. corporate office for testing in a controlled environment. If the fuel sample fails the test, at CompCar's corporate office, the sample will be sent to Sunoco's lab for final evaluation. If the fuel sample should fail the test at Sunoco's lab CompCar will issue the following penalties.

1. Disqualification of Driver and/or Car Owner from event at which the failed sample was taken.
2. Loss of 250 prior or future earned points for Driver and/or Car Owner.
3. A \$2500.00 fine will be issued to Driver and/or Car Owner.
4. Public notification of disqualification for Driver and/or Car Owner on the Allison Legacy web site.

Once a competitor acquires their fuel from Allison Brothers Race Cars Inc., the transportation, storage, distribution, use, etc... shall be the sole responsibility of the competitor.

The penalties for any competitor caught tampering with another competitors fuel, providing there is conclusive evidence, will be removal from the premises, indefinite suspension, the revoking of said competitors license, and the denial of access to the pit area at any future CompCar events. The Driver and/or Car Owner shall be responsible for the actions of their crew.

### Allison Legacy Regional Races----

Automotive pump gasoline or spec Allison Legacy fuel provided to Allison Brothers Race cars Inc. by Sunoco are the only fuels permitted for use at all Regional Allison Legacy Races. Automotive pump gasoline must be purchased from a place of business supplying pump gas to the general public, Allison Brothers Race Cars, Inc. and their authorized dealers. Any other custom fuels, racing fuels and additional additives are not permitted. CompCar of N.C. Inc. reserves the right to test fuel from any Allison Legacy car at any time. CompCar also reserves the right to implement new fuel rules.

In the event CompCar of N.C. Inc deems it necessary to change or modify any of the aforementioned fuel rules, competitors will be notified, by CompCar of N.C. Inc, of changes or modifications by way of permanent bulletins and/or addendums to the rule book. Any such of these documents shall have precedence over the rule book.

### **WHEELS & TIRES**

**1. Wheels--Only 13" diameter by 7" wide double centered steel Diamond or Broad Wheels with 3 1/2 " offset and one standard valve stem are permitted. Wheels must remain stock and cannot be altered or tampered with in any way.**

**2. Tires--Only Hoosier 10240 800 tires may be approved for any CompCar of NC Inc. sanctioned Allison Legacy event including practice, qualifying and races. Once approved, all tires must meet the following specifications.**

a. **Durometer Reading--All tires must meet the minimum durometer reading specified by CompCar of NC Officials on the official durometer used at the time of inspection.**

b. **Tires may be inspected in any way and at any time by CompCar of NC Officials regardless of durometer reading. TIRES CANNOT BE SOAKED, CHEMICALIZED, TREATED, SOFTENED OR TAMPERED WITH IN ANY MANNER.**

## **CAR WEIGHT**

All cars weighed for CompCar of NC Allison Legacy events will be weighed with the driver. Cars will be weighed on the official CompCar of NC scales used at the time of inspection. Weight specifications with the driver will be as follows:

During post race tech, fuel may be added and car must be full of fuel when weighing. Cars must be full of fuel at qualifying time and competitors will not be allowed to add fuel at tech after qualifying when weighing.

a. **Total Car Weight: Minimum weight/1655 lbs.**

b. **Left side percentage: Maximum left side weight/56%**

### **DESIGNATED WEIGHT AREAS \*See illustration page A-1**

The designated weight areas are inside the 2" x 2" x 52" outside main frame rails, inside the stock 3" x 4" x 19" lead box on the tail section and mounted on back side of center main cross member in driver compartment (opposite sub belt mount). Maximum weight allowed in driver compartment is 40 pounds. No lead or ballast weight of any type can be placed anywhere on car other than in designated weight areas. Only lead in solid block form is permitted in designated weight areas. No lead shot or any other type of ballast weight will be permitted.

*See pages at back of this rulebook for illustrations of:*

**\* A-1 DESIGNATED WEIGHT INSERT/LEAD PLACEMENT**

**\*\* A-2 SPOILER MEASUREMENT**

## **CAR BODIES**

All bodies and body panels, body mounting and condition must be acceptable to CompCar of N.C. Inc. Officials

### **BODY & BODY PANELS**

Only Allison Legacy Thunderbird or Monte Carlo fiberglass body parts are permitted. Body and all body parts must remain stock. Panels may not be interchanged between body styles and must be attached at stock seams using pop rivets with a minimum diameter of 3/16". No body fillers of any type or form are allowed on the exterior of the body unless used for repair over a damaged area.

## **BODY ATTACHMENT TO FRAME**

Body must be securely attached to frame with pop rivets with a minimum diameter of 3/16". Body must be attached to rocker panels on both sides through the flanges on bottom of body sides. Nose piece must be attached to front bumper and tail piece must be attached to rear bumper. Front windshield must be attached to lower window bed using 3/16" pop rivets. Body must be attached in all places in permanent form. Absolutely no dzus fasteners, cam locks or mechanical release type devices are allowed in attaching the body or body panels together or to any part of car or frame. Hood and trunk lid must be fastened with four 3/8" diameter hood pins, each using steel clips to secure. Hood and trunk lid must fit firmly on to front and rear windows, with no gaps, openings or holes. Body mounts must remain stock. Absolutely no skirts, air dams, fender or quarter panel braces permitted.

## **GRILLES and GRILL OPENINGS**

All grill opening cut outs must be centered left to right (plus or minus 1/2 inch) on nose. Single lower grill cut outs shall be a minimum of 20 inches wide and a maximum of 22 inches wide by a minimum of 3 inches high and a maximum of 6 inches high. Tape may be used over nose and grill opening cut out screen to regulate the amount of air entering into grill opening. The final opening must be in the center of the grill opening cut out.

All grilles and grill openings must meet CompCar of NC specifications and must be acceptable to CompCar of NC Officials.

## **BODY MEASUREMENTS**

1. Roof height--(10" back from top of front windshield seam in center of roof) 42 3/4" plus or minus 1/2" from ground.
2. Nose height--2 1/2" minimum from ground to bottom of front end.
3. Quarter Panel height--(measured at seam, left side) 29 1/2" plus or minus 1/2" off ground.  
Quarter panel rule does not apply to road course
4. Bottom of Tail piece--(measured at left side corner) 11 1/2" plus or minus 1/2" off ground.
5. Spoiler Dimensions:
  - a. Spoiler size must be 3 1/2" tall and 48" wide. Minimum thickness .063. Maximum thickness .080. Material must be aluminum only.
  - b. Spoiler base must be 3 1/2" plus or minus 1/8" from deck lid/tail seam and follow contour of deck lid and quarter panels. Absolutely no braces forward or backward of any type are permitted on spoiler.  
\*See illustration page A-2

### **Body modifications permitted--**

1. **Door Flap (Optional)--**The left side drivers door may be cut no longer than 24" from rear seam and 3 1/2" down from top door flange. It must be hinged the full length of the bottom seam. The top door flange must be fastened to the window net so that the door flap is held firmly in place when window net is fastened.
2. **Duct Openings (Optional)--**
  - a. **A maximum of one opening on each side of front nose piece is permitted, Left side opening may be no larger than 4" high x 6" wide that enters into a single manufactured duct for a hose with a maximum diameter of 3". Right side opening may be no larger than 4" high x 9" wide that enters into a double manufactured duct for hoses with a maximum diameter of 3". The only items that can be ducted through these ducts are the front brakes and or an oil cooler. Any brake and or oil cooler duct must be permanently attached and sealed to front nose piece. Brake duct hoses must be attached according to # 7 in the brake section in this rulebook. Oil cooler hose must be securely attached to oil cooler. If no hose is attached to duct, duct opening for said hose must be sealed off both inside and outside of nose.**
  - b. **A maximum of one opening on each side quarter panel window, no larger than a standard manufactured Naqua type duct for a hose with a maximum diameter of 3" is permitted.**

**Note: No duct hose can exceed 3" in diameter.**

### **WINDOWS**

1. **Front, rear and quarter panel windows must be lexan with a minimum of .093 thickness.**
2. **Front, rear and quarter panel windows must remain stock and attached in stock location with 3/16 pop rivets at all times.**
3. **Window Braces--Cars must have a minimum of 3 braces for front window and a minimum of 2 braces for rear window. Braces must be a minimum of 1" x 1/4" .063 aluminum.**
4. **Tinting--the only tinting allowed on any window is: front windshield top, full width x 5" down from top of windshield. All cars must have a 6" high car number on the top right corner of the front windshield (this is for scoring purposes). \*No other decals can exceed 5" from the top of the windshield.**
5. **No decals allowed on back window.**

## **DECALS**

Designated Allison Legacy decals are mandatory on front fenders. (See photo in decal kit for placement)

Car numbers must be registered with and approved by CompCar of NC by the car owner. Car numbers can be a maximum of two digits. No letters or symbols will be permitted.

1. Door & Roof numbers must have a minimum height of 18".
2. Door numbers must be located between front & rear door seams.
3. Headlight panel number must be on right side of car.
4. Taillight panel number must be on right side of car.
5. All cars must have a 6" high WHITE car number on the top right corner of the front windshield.
6. All roof numbers must face the scoring stand/grandstands.

## **CONDITION OF CAR BODY DURING AN EVENT**

1. Body condition must be approved by CompCar of NC before any event.
2. Body condition and attachments must be approved by CompCar of NC Officials during an event.
3. Unsecured or badly damaged body parts may result in a black flag situation during an event.

## **EQUIPMENT & GENERAL ACCESSORIES**

### **FASTENERS**

All fasteners on car must meet CompCar of NC specifications.

### **FIRE SYSTEM**

A fire extinguisher inside the car is mandatory. It must be a minimum 2 1/2 pound system and be charged and operational at all times. The fire extinguisher must be mounted on the diagonal bar running from the rear hoop crossbar to the dash bar. The activation valve must be easily accessible for the driver. One nozzle is mandatory inside cockpit. Additional lines and nozzles may be used on fire extinguisher system.

### **BAR PADDING**

Roll bars must be padded and in the areas acceptable to CompCar of NC.

## **MIRROR**

Any rear view mirror approved by CompCar of NC can be used. It must be mounted securely inside cockpit. No mirrors or parts of mirrors can extend past the outer body surface.

## **GAUGES**

Gauges and gauge panel must remain stock.

## **SWITCHES/WIRING**

Only one ignition switch and one starter button per car is allowed. Complete wiring harness must remain stock. An operational on-off battery switch is mandatory and must be mounted in the stock location. An on-off switch is permitted on the dash area for the radiator fan.

## **BATTERY**

Battery must be a Group 26 12Volt automotive top post battery. Battery must remain in the designated battery location in the stock form. Battery hold down must be 1" x 1" by 1/8" thick steel angle fastened with a minimum of two 5/16" diameter steel rods and nuts.

## **SEAT BELTS**

Manufacturer specifications shall take priority regarding all safety equipment.

An approved five point safety harness with 3" minimum wide belts equipped with a quick release buckle is mandatory in all cars. The driver must use the seat belt restraint system at all times on the race track, in accordance with the instructions and/or recommendations of the system supplier and/or manufacturer. The seat belt restraint system must be installed in accordance with the directions provided by the system supplier and/or manufacturer. The date of manufacture must remain visible on the belts at all times. Seat belt restraint systems must not be used beyond two (2) years after their date of manufacture or in accordance with manufacturers specifications.

A HEAD AND NECK RESTRAINT SYSTEM SHOULD BE WORN BY EACH DRIVER. IT IS SOLELY THE RESPONSIBILITY OF THE DRIVER TO DECIDE IF HE/SHE WEARS THE DEVICE OR NOT IN ANY EVENT OR ANYTIME HE/SHE IS ON THE TRACK. IF DRIVER DECIDES TO WEAR OR NOT TO WEAR THE DEVICE HE/SHE IS DOING SO AT HIS/HER OWN RISK AND IS RESPONSIBLE FOR ANY RESULTING INJURIES OR DEATH. The Head and Neck Restraint System must be installed in accordance with the directions provided by the system supplier and/or manufacturer.

IT IS THE RESPONSIBILITY OF THE DRIVER, NOT COMPCAR OF NC, TO INSURE THAT HIS/HER SEAT BELT AND HEAD AND NECK RESTRAINT SYSTEM AND ALL COMPONENTS ARE APPROVED, CORRECTLY INSTALLED, MAINTAINED AND PROPERLY USED.

## **SEAT**

Only an approved high back aluminum racing seat with a minimum thickness of .120 is permitted. Seat must have a full cover. Seat must be attached to frame with a minimum of four steel bolts that have a minimum diameter of 3/8".

## **WINDOW NET**

An approved full window net is mandatory. Minimum size is 16" x 16". The net must be securely fastened to the top left side door bar with a steel rod that has a minimum diameter of 3/8". It must have a quick release latch on top. The latch must be securely fastened during practice, qualifying, all Allison/Legacy CompCar of NC racing events, and any time the car is on a race track and in motion.

## **PEDALS**

All pedals must be bolted in stock locations. Gas pedal must remain stock from the bottom hole in the mounting bracket upward, including the throttle cable and assembly. Brake and/or clutch pedal may be altered in form but not changed in material.

## **HEAT SHIELD**

A heat shield may be affixed to the right side driver foot box and sheet metal area. The heat shield must be fastened securely and should not interfere with the operation of any part of the gas pedal.

## **RADIOS**

Two way radios are permitted. Radio and harness must be securely fastened in car.

## **DRIVER EQUIPMENT**

Manufacturer specifications shall take priority regarding all safety equipment.

Each Competitor is solely responsible for the effectiveness of personal safety equipment used during an Event. COMPCAR of NC IS NOT RESPONSIBLE FOR THE EFFECTIVENESS OF ANY PERSONAL SAFETY EQUIPMENT.

Drivers must wear a helmet, carrying at least a valid SA 2010 or SA 2015 Standard Snell Sticker at all times on the race track. The driver must wear the helmet in accordance with the directions provided by the helmet supplier and/or manufacturer. **IT IS THE RESPONSIBILITY OF THE DRIVER, NOT COMPCAR OF NC, INC., TO ENSURE THAT HIS/HER HELMET IS APPROVED, CORRECTLY WORN, MAINTAINED AND PROPERLY USED.**

All drivers are also required to wear a full flame resistant driving suit anytime they are on the track.

Each driver should also wear fire resistant accessories that effectively cover the remaining parts of the body.

**IT IS THE RESPONSIBILITY OF THE DRIVER, NOT COMPCAR OF NC, TO INSURE THAT HE/SHE MAINTAINS, WEARS AND PROPERLY USES PROTECTIVE CLOTHING.**

## **INSPECTIONS**

**CompCar of NC or CompCar of NC Officials reserves the right to inspect any part of a Legacy Car in any manner and at any time.**

***CompCar of N.C. Inc. reserves the right to impound any Legacy Car, transport any legacy car, chassis dyno any legacy car and remove any component on your Legacy Car (including the engine) at any time.***

***Illegal components shall become the property of CompCar of NC, Inc.***

## **INSPECTION AREA**

**Only those persons approved by CompCar of NC Officials may be admitted to or in the inspection area.**

## **COMPETITOR OBLIGATIONS**

**Competitors must take whatever steps requested by CompCar of NC Officials, including teardown of the car, to facilitate inspection of the car.**

## **RACE PROCEDURES**

**Race procedures may vary from event to event, including inspection, practice, the lining up of cars and the race. CompCar of NC Officials will notify competitors of the race procedures at each event.**

**Finishing positions at all races and points distribution remain unofficial until all testing results are finalized.**

## **FLAGS**

- 1. Green:**
  - a. Start of Race--Cars must remain in position until they cross the start finish line.**
  - b. Restarts--The race will resume immediately when the green flag is displayed. Absolutely no passing will be permitted before the start/finish line when the green flag is displayed.**
- 2. Yellow: Caution--All cars must reduce speed and hold their position. NO PASSING OR RACING WILL BE PERMITTED DURING YELLOW FLAG CONDITIONS.**

3. **Black: Report to Pits--The black flag will be used at the starter's discretion. A driver given the black flag must pull in the pit area immediately for consultation. A penalty may be applied when a black flag is ignored.**
4. **Blue with Yellow Diagonal: Passing Flag—Cars receiving this flag must yield to faster traffic.**
5. **Red: Race Stop--All cars must hold their position and come to a complete stop in the designated area. No repairs or service of any nature or refueling will be permitted on any car when the race is stopped due to a red flag.**
6. **White: One lap to go.**
7. **Checkered: End of Race--The race is officially completed.**

## **PENALTIES**

**Specific penalties are outlined in this rule book for certain rules violations.**

**Penalties (not outlined in this rule book) for violation of any other rules shall be issued at the sole discretion of CompCar of N.C. Inc and its Officials**

**Any competitor who violates CompCar of NC rules is subject to be penalized, disqualified, fined, suspended, or ejected at the discretion of CompCar of NC Officials.**

**FIGHTS: All fights will result in a \$1,000.00 fine for the drivers of any parties involved.**

**CONDUCT: Foul conduct or verbal abuse of any kind towards officials, fellow competitors, fans etc. will result in a \$500.00 fine for the drivers of any parties involved.**

**The Driver and Car Owner are responsible for the actions of their crews.**

## **APPEALS**

**Certain penalties may be appealed by sending a written letter (listing the infractions, the date of the infractions and the event in which infractions occurred) and \$200.00 to the CompCar of NC Appeals Committee. The appeal must be accompanied by factual evidence supporting grounds for the appeal. On track judgment calls, moment in time infractions, such as post race ride height or post race weight rule violations, may not be appealed.**

**The Appeals Committee consists of six reputable members of the racing community. The decision of an appeal will be voted on in majority form by at least three members of the Appeals Committee.**

**Loss of an appeal will result with the \$200.00 being placed into the series point fund.**

***ANY SITUATION COVERED OR NOT COVERED IN THIS RULE BOOK WILL BE DEALT WITH AT THE DISCRETION OF COMPCAR OF NC Inc. Corporate OFFICIALS AND THEIR DECISION WILL BE FINAL.***

**Operation of THE ALLISON LEGACY vehicle exposes you to risks of death or serious bodily injury. ALLISON BROTHERS RACE CARS, INC. and COMPCAR of NC, INC. make no warranties, expressed or implied of merchantability, fitness for purpose, or otherwise.**

**\*A-1 DESIGNATED WEIGHT INSERT/LEAD PLACEMENT**

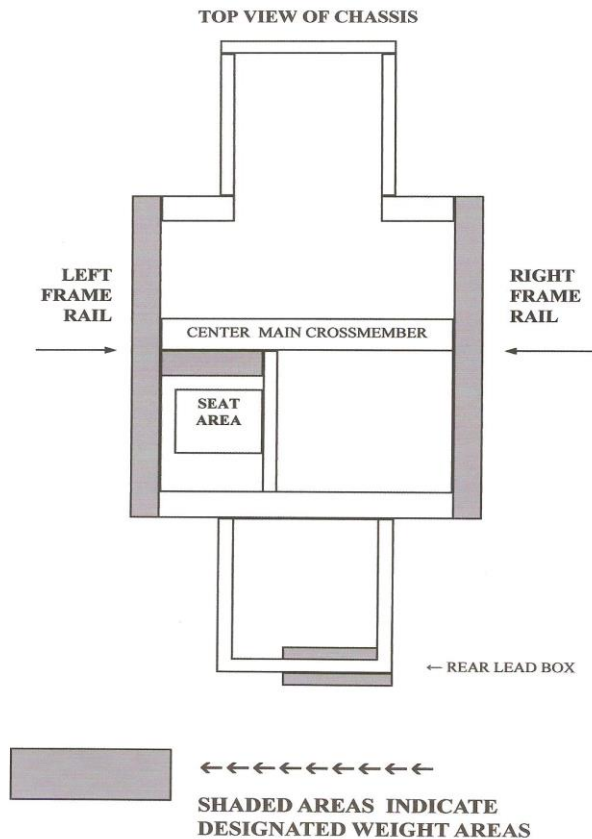
Weight (lead) allowed in shaded areas only.

NOTE: THERE IS NO LEAD BOX ON BACKSIDE OF THE CENTER MAIN CROSSMEMBER. THE LEAD THERE (40LBS MAXIMUM) MUST BE BOLTED THROUGH CROSSMEMBER USING MINIMUM 3/8 BOLTS.

***NO LEAD MAY BE BOLTED TO, BEHIND OR BESIDE THE SEAT, TO THE FLOOR PAN, OR TO THE SEAT BELT OR SEAT MOUNTING BOLTS OR BRACKETS.***

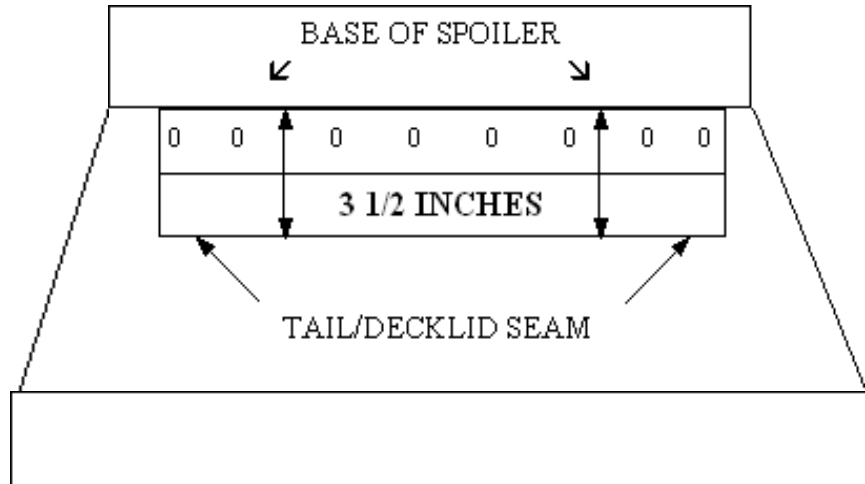
THE LEAD IN FRAME RAILS AND REAR LEAD BOX MUST BE INSIDE THEM.

LEAD PLACEMENT ON FRAME



**\*\* A-2 SPOILER MEASUREMENT**

**SPOILER MEASUREMENT IS  
3 1/2 INCHES + OR - 1/8 INCH  
FROM BASE OF SPOILER TO TAIL/DECKLID SEAM**



**BACK VIEW OF TAIL/SPOILER**  
Spoiler must follow contour of deck lid and quarter panels