Atlanta Region SCCA IT Truck Rules

Approved by Atlanta Region BOD 01/10/2012

I. ELIGIBLE

Eligible vehicles shall be those light duty, 4-cylinder, two-wheel-drive pickup trucks sold in the U.S. All vehicles shall conform to the manufacturer's, as produced and delivered, specifications, as listed on the specification sheet for that model, except for the following specific specifications, additions, and modifications. The official factory shop manual for the year, make and model truck, and all configuration supportive data must be the possession of each competitor at all events.

II. REQUIRED SAFETY SPECIFICATIONS

A. ROLL CAGE

A roll cage must be fitted within the passenger compartment complying with, at a minimum, specification for IT, with the following additions:

A. Side protection shall consist of 2 door bars.

B. Cage to extend through the firewall to the front of the chassis.

C. Any additional bars and attachment points may be used.

2. It is permitted to modify or remove interior door panels, metal, and trim pieces to accommodate fitting the roll cage. Trim pieces such as visors, arm rests, door panels, grab handles, carpeting, head liner, and interior lights may be removed. Roll cage may run through the dash.

3. To accommodate fitting the roll cages, the rear window must be replaced with a clear, lexan-type rear window, and minimum thickness .125 inches. This window must completely fill the original opening, save for the holes necessary for the roll cage tubes to pass through. It must be bonded, riveted, or otherwise securely held in place. Additionally, two (2) metal retaining straps at least one (1) inch wide by .125 inch thick, bolted or riveted to the cab top and bottom, must be used to retain the window.

B. SAFETY HARNESS

See current GCR, for safety harness requirements.

C. WINDOWS, WINDSHIELD, and WINDOW NET

A driver's side window net as per the current GCR must be in place at all times. A structurally sound windshield must remain in place at all times. Door windows must be down. Removal of door window operating glass is permitted.

D. FIRE SYSTEM

All vehicles must carry, at minimum, a fire extinguisher meeting the current GCR requirements. A plumbed fire system is recommended.

E. SEAT

The driver's seat must be replaced by an approved racing type seat, per SCCA GCR specs for IT

F. MIRRORS

External driver and passenger door left and right side mirrors are required and must be positioned so that the driver can see objects along both sides of the truck. Interior mirrors may be replaced.

G. DRIVE SHAFT LOOP

Two (2) steel 360 degree loops must be located as close as possible to the driveshaft universal joint to contain the driveshaft in the event of a U-joint/driveshaft failure.

H. BATTERY

Battery must be relocated to front left or right corner of bed. All batteries must be fully enclosed in a non-conductive box.

I. HEADLIGHTS

Headlight assemblies may be removed. The resulting opening must be covered with a metal panel or screen having the same contour as the original headlight lens.

J. REQUIRED REMOVALS

The spare tire, jack, tools, and original gas tank and mounting hardware must be removed.

K. FUEL CELL/FUEL SYSTEM

Original fuel tank must be replaced with a safety fuel cell conforming to the standards set forth in the current GCR. Maximum fuel cell capacity is fifteen (15) gallons. Maximum fuel cell container exterior dimension: 25 inches long X 18 inches wide X 10 inches tall. The fuel cell shall be located in the bed forward of the rear axle centerline and rear-most roll cage mounting point. At least four (4) steel straps, 2 inches wide X .125 inches thick, must retain the fuel cell in the truck bed. Two (2) straps must run lengthwise and two (2) widthwise. At the points where the straps cross, the straps must be bolted or welded together. Supply and return lines of the original fuel system may be substituted with replacement lines of the same inside diameter and incorporated into the fuel cell installation. Fuel gauge sensors may be modified for fuel cell level reading or may be completely removed. Fuel pumps may be substituted with replacement pump system.

III. AUTHORIZED MODIFICATIONS

A. ENGINE

1. Stock as delivered, connecting rods, crankshaft, harmonic balancer may be tooled only enough to achieve balance. Oversize pistons, to a maximum of .0472 inches, are allowed. ITCS engine modifications are allowed.

2. All emission controls may be removed and resulting holes plugged. Oxygen sensors may be retained.

3. Engine management systems may be modified or replaced with electronic ignition system.

4. Camshafts: Lift and duration are unrestricted.

5. Air filter and induction system before the FI unit may be modified or changed to include a cold air box.

B. LUBRICATION SYSTEM

1. Engine oil coolers may be added, provided cooler and lines are mounted within or under the bodywork in the engine compartment.

2. Existing standard oil pan may be modified. Oil pump and pickups may be relocated.

C. RADIATOR

1. Any radiator may be used, provided it can be mounted in the original location and requires no body or structure modifications to install. Catch and/or expansion tanks may be added or substituted.

2. Cooling fans may be removed or replaced. Electrically operated fans with manual or automatic actuation may be fitted.

3. Thermostats may be modified, removed or replaced with blanking sleeves or restrictors.

4. Air conditioning systems may be removed in whole or in part.

5. Screens may be mounted in front of the radiator and/or oil cooler(s) and contained within the bodywork.

6. Engine coolant fluid, coolant/heater hoses and clamps may be substituted. Heater hoses may be plugged. Heater water control valve(s) may be added or substituted.

D. DRIVETRAIN

1. All trucks must use original equipment, unmodified, four (4) or five (5) speed transmissions.

2. The driveshaft may be changed from two (2) piece to a one (1) piece driveshaft. Front and rear universal joints must be maintained.

3. Differentials must be manufacturer's O. E. standard, available from production. Original equipment limited slip, or locked (spool or mini-spool) differentials may be used.

4. Flywheel/clutch may be lightened and/or replaced with others from the original manufacturer. Same size aftermarket units may be used.

E. SUSPENSION

Suspension mounting points may not be changed or removed. Otherwise, alignment settings are unrestricted.

1. Suspension bushing material is unrestricted. Offset eccentric bushings are permitted.

2. Any shock absorbers may be used. Shock mounting points may be relocated. Remote reservoir shock absorbers are not permitted.

3. Any front or rear anti-roll bar may be used, provided all additional mounting hardware is bolted, not welded, to the vehicle. Cockpit adjustable anti-roll bars are prohibited.

4. Springs may be replaced with others of the same type (leaf, coil, torsion bar, etc.). Rate, diameter, length, and number of leaves is unrestricted. Lowering blocks, not to exceed three (3) inches, may be used with the rear leaf springs. Spring mountings may be changed.

5. Bump rubbers may be modified or removed.

6. Rear axles mounted below the leaf spring may remount the axle above the spring.

F. BRAKES

Any front to rear proportioning valve may be used. Friction material is free. Disc brake dust shields may be removed. Front brake ducts [not to exceed twelve (12) square inches cross section per area per side) may be installed. Brake lines may be relocated and lines replaced with armored brake lines. Rear drums may be ventilated.

G. EXHAUST SYSTEM

The exhaust system may be replaced with headers, with the exhaust system exiting rearwards of the cab.

H. WHEELS

All vehicles must run 15 inch diameter X 7 inch wide wheels. The track may vary from the original dimension by a maximum of one (1) inch. Track will be measured equal distance from centerline of chassis. Wheels may be aluminum alloy or steel material only.

I. TIRES

Hoosier DOT approved tire are required except in rain conditions. Recapped tires are not allowed. Tire size is unrestricted.

J. BUMPERS

Front and rear bumpers and brackets may be removed; the resulting holes may be covered. Rear bumper may be replaced with an alternate type.

K. INSTRUMENT/DASH

Gauges may be replaced and the dash may be modified to accommodate them.

L. STEERING

Original equipment power steering systems are permitted. The steering wheel may be replaced with an approved aftermarket wheel.

M. TAILGATES

Trucks with tailgates down or missing may be black-flagged.

N. FRONT SPOILER

A front spoiler/air dam is permitted. It shall not protrude beyond the overall outline of the body when viewed from above, perpendicular to the ground. The spoiler/air dam shall be securely mounted to the body or bumper, and may extend no higher than four (4) inches above the horizontal centerline of the front wheel hubs. It shall not cover the normal grille openings at the front of the vehicle. The lower part of the spoiler/air dam must not be lower than the lowest part of the front wheel rim. Openings are permitted for the purpose of ducting air to the brakes, oil cooler, and radiator.

O. REPLACEMENT PARTS

1. All wiper blades, belts, hoses, and filters may be substituted.

2. Electrical and ignition system components may be replaced.

3. Gaskets may be replaced with ones meeting O. E. specifications and duplicating all original dimensions.

4. Hardware items may be replaced with similar items, performing the same function.

P. REAR FENDERS

Truck bed outer fenders and inner bed box walls may be separated to ease replacement or repair to damaged truck bed outer fenders.

Q. BALLAST

If ballast is required, it may be bolted to the floor of the bed or frame.

R. BED COVERS

A bed cover consisting if a flat panel of metal or fiberglass is permitted. Opening with covers for access are allowed.

S. REAR SPOILERS

Only a flat plane rear spoiler, no higher that four (4) inches, measured from the tailgate along the face of the spoiler from the point of attachment to the top of the spoiler is allowed. The use of fences, rails, gurney flaps, wickerbills, or other lips or aerodynamic devices are prohibited.

APPENDIX A - APPLICABLE VEHICLES AND SPECIFICATIONS

Engine Make and Model	Model Years	Displacement (cc)	Minimum Weight (Lb.)*
Chevrolet S-10	87-97	2,471	2,750
Dodge Ram	87-91	2,555	2,850
Ford Ranger	87-97	2,500	2,850
GMC S-15	87-97	2,471	2,750
Isuzu S-Model	87-97	2,556	2,850
Jeep Comanche	87-91	2,473	2,975
Mazda B2600	87-91	2,555	2,850
Mitsubishi	87-91	2,555	2,850
Nissan (2 valve)	87-89	2,389	2,750
Nissan (3 valve)	90-97	2,389	2,900
Toyota	87-91	2,366	2,750

***** *All minimum weights are for trucks weighed with driver.*

APPENDIX A.1 - AUTHORIZED MODIFICATIONS

CHEVROLET & GMC - Motorsports Engine:

- Stock GM Super Duty Head 10038433
- Intake Valve Diameter: 2.10 inches
- Exhaust Valve Diameter: 1.50 inches
- GM 3911068 Valve Springs
- GM 3921912 Stud Kit
- GM 5723551 Rocker Arms
- GM 375545 Push Rods
- Holley 500-1 Throttlebody
- Clark TB101 Throttlebody Adapter

FORD - Motorsports Engine:

- Intake Valve Diameter: 1.892 inches
- Exhaust Valve Diameter: 1.591 inches
- Heavy Duty Valve Springs and Retainers
- Aluminum front hubs
- Rear end assembly from 4.0 liter, V-6 truck. 4.11:1 ratio

- Transmission gears from 4.0 liter truck:
- 1st E8TZ71ooD, 3:40:1
- 2nd F0TZ7102A, 2:05:1
- 3rd F0TZ7101A, 1:31:1
- 4th F0TZ7017A, 1:00:1
- 5th F0TZ7158A, 0.79:1

MAZDA

- Heavy duty valve springs.

NISSAN (all engines)

- Heavy Duty radiator, 21450-07G11, (4x4 auto transmission)
- Right Hand brake caliper, 41001-09G05RE, (V-6 truck)
- Left Hand brake caliper, 41011-09G05RE, (V-6 truck)
- Front brake rotor, 40206-09G03, (V-6 truck)
- Heavy Duty clutch cover, 30210-20111, (720 truck)

NISSAN NAPS-Z - Motorsports Engine

- 12:1 Compression Ration
- Intake Valves: 13201-N8501
- Exhaust Valves: 13202-N8500
- Heavy Duty Valve Springs and Retainers
- Camshaft: Nissan 99996-D1017
- Flywheel: Nissan 12310-86G00

NISSAN KA24 - 3-Valve Motorsports Engine

- 12:1 Compression Ratio
- Intake Valves: 13201-40F00
- Exhaust Valves: 13202-40F01
- Heavy Duty Valve Springs and Retainers
- Flywheel: Nissan 12310-86G00 or 12310-86G50