



## 2026 Four Cylinder Compact Rules (also apply to Kid Stock Class)

### DRIVER ELIGIBILITY

Minimum Qualification for Four Cylinder Compact Drivers should be **14 years or older** before competing in the Grand Bend Speedway Compact division. All drivers under 18 must have parental consent form signed.

Drivers under **15 years old** are requested to compete in the KID STOCK division through **Grand Bend Speedway Management driver pre-approval** and safely fit in the driver seat. Must reach pedals, all switches and shifter while being spaced safely and properly from steering wheel in order to compete in Kid Stock.

All drivers **MUST** use an approved Head/Neck Restraint system.

**Signed waivers are required for ALL competitors in the series NO**

**EXCEPTIONS. These waivers are completed on registration and at the competitor gate the day of the event.**

**Vehicle:** Open to any “compact” make/model of front-wheel drive, 4-cylinder engine

1. Not Permitted: Rear-wheel, All Wheel drive or 4-wheel drive vehicles
2. No Turbos / Superchargers allowed. “Variable Cam Timing” must be disabled – If unsure, contact tech department.
3. No cars with a Factory Horsepower rating of 180 or higher. Max Engine size 2.8 Litre. **Performance Rated Cars may receive additional weight penalties to equalize the field.**

## **1. SAFETY EQUIPMENT:**

**Helmet and Apparel:** Drivers are required to wear full coverage; one or two-piece Nomex or similar multi-layered fire suits which are S.F.I. rated. Driver helmets must conform to Snell SA2020 or higher SA standards and have a certification sticker visible inside the helmet. It is highly recommended that drivers wear eye protection designed for auto racing,

Any driver MUST use an approved Head/Neck Restraint system.

1. **Gloves and Footwear:** Fire retardant gloves are mandatory. Leather shoe / boot or fire-retardant race shoe mandatory. No nylon sneakers.
2. **Belts and Harness:** A quick-release 5-point belt (shoulder and lap) of no less than 2" in width, and 2" width anti-submarine harness in good condition are mandatory. Shoulder harnesses must be mounted and secured at the driver's shoulder height. Belts must be securely fastened to the frame, cross-member or roll cage by means of a suitable reinforced mounting, in such a manner that all fittings are in direct line with the direction of pull. Belts may not be any older than 3 years (manufacturer's date). All belts and mounting will be subject to inspection.
3. **Window Net:** An approved nylon ribbon type net must be installed in the driver's side window opening. Net sizing must be at least 16" x 18". Net must be installed so it is tight. Window net anchors must be attached to roll bars, not body. Window net must be quick-release type. Net must be permanently anchored at the bottom and release at the top. Lever-latch releases are highly recommended.
4. **Seats and Headrest:** Approved aluminum bucket seat is mandatory. NO home-made seats allowed. Seats must be bolted or secured solid so that the seat will not shift or loosen on impact. All retainer bolts (minimum of 6) must be min. 3/8" (Grade 8 Bolts only). Seat must completely to the left of the centerline of the car

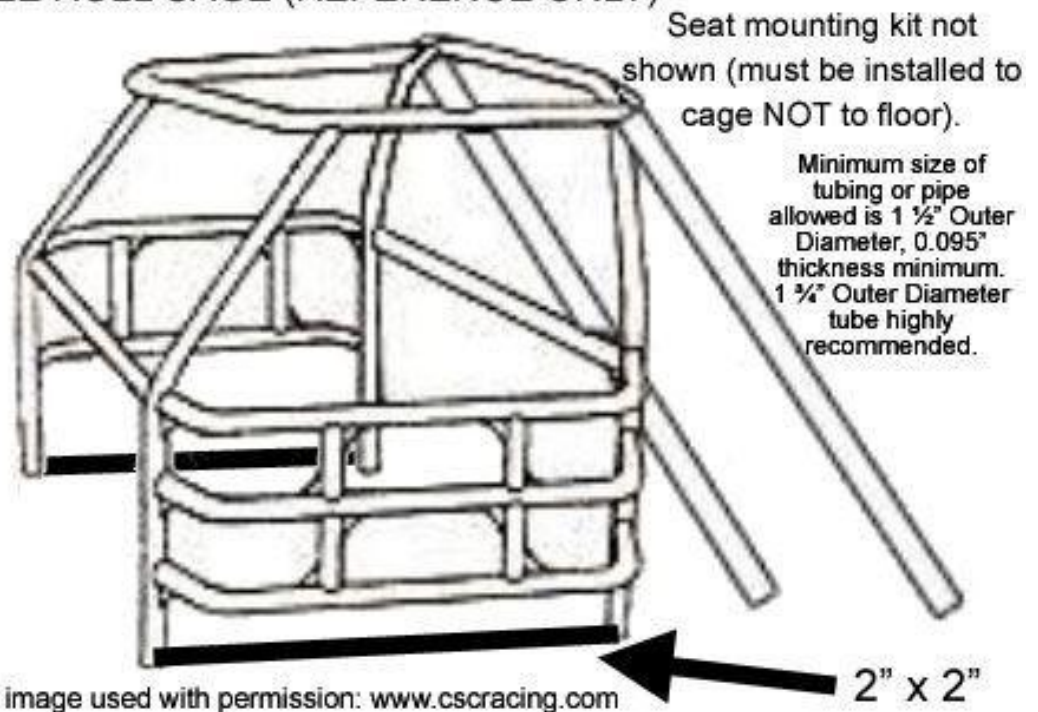
and inside the frame rail. An approved padded headrest is mandatory and must be securely mounted. Head and shoulder containment seat highly recommended.

5. **ROLL CAGE:** Car must have full roll hoop mounted securely to the floor behind the driver's seat with a cross brace from side to side. Complete four-point roll cage is mandatory. All interior door bars must be padded where the driver may come in contact with them. Minimum size of tubing or pipe allowed is 1 ½" Outer Diameter, 0.095" thickness minimum. 1 ¾" Outer Diameter tube highly recommended.

#### **THE ENTIRE ROLL CAGE MUST BE SECURELY WELDED TOGETHER**

- a. Main greenhouse loop may not exceed 3" inward from either the A, B, or C pillar. Front window bars may not exceed 3" inward from windshield post. Side bars are compulsory.
- b. "A" pillar bar & "B" pillar bar must be connected along floor by 2X2 square tube min. SEE DIAGRAM below.
- c. Minimum of 3 bars on the left side, 2 bars on the right side. A diagonal bar must be added to the roof hoop as well as the main hoop (behind the driver's seat). Top door bar must be within one (1) inch of the top of door panel, and the remaining bars must be equally spaced down. The bay bar should be in line with the top door bar.
- d. All support bars extending to the body panels must be at 90 degrees and welded at both ends.
- e. Threaded pipe, Pipe fillings, lap weld pipe, magnesium or aluminum are NOT permitted. No square tubing, channel and angle iron will be permitted in the construction of the roll cage or bracing. Flush grinding welds are not permitted.

## SAMPLE ROLL CAGE (REFERENCE ONLY)



### 2. Mechanical Rules:

ALL cars must be "stock" year, make, and model with no modifications. This includes all engine components, drive train, suspension, and cooling system.

1. Any rad that fits in the stock rad cradle is allowed, water only, no antifreeze
2. Air intake must be located under the hood. NO COLD AIR INTAKE KITS.
3. Engine must be completely stock.
4. Clutch & drivetrain must be completely stock
5. **Engine computer system flashing allowed**
6. ABSOLUTELY **NO** engine modifications.
7. **Engine modifications, and/or factory equipped power adders:** Any engine equipped with variable valve timing, or secondary valve systems, must be made ineffective (disabled) on the vehicle. EXAMPLE: A Honda/Acura B17C1 DOHC 1.7L VTEC would not be allowed to have the VTEC solenoids enabled. Another example would be Mitsubishi's MIVEC system.
8. All air bags must be removed.

### 3. Battery:

1. BATTERY: Must be securely fastened. (If mounted in the interior of the car, battery must be fastened securely to the floor behind the driver's seat). Battery must be covered. Cover must be fastened independent of the battery hold down. REMEMBER – Batteries are

heavy and full of acid. In the event of an accident, insecure batteries could cause severe injury to driver

#### 4. **Body/Appearance:**

1. No "gutting" of interior panels. Must have full inner door panels, etc. Inner door panels may only be removed to provide clearance for roll bars.
2. Stock hood & trunk bracing must be retained.
3. Stock hood/trunk latch must be removed & hood/trunk must be fastened using a quick hold-down release for fast hood/trunk entry in an emergency.
4. All side windows & rear window must be removed.
5. If stock windshield is to be used, center bar must be installed in windshield opening, of minimum 1" x 1/8" flat stock mounted between the dash bars and the upper halo bar of the roll cage. Alternately, competitors may use Lexan window or a screen with Minimum of two interior support beams (No Plastic) no more than 1 inch wide and 1 inch deep to follow contour of inside windshield are mandatory.
6. Steel or plastic rub rails permitted
7. REINFORCEMENT BARS: No added reinforcement bars other than around the driver's compartment will be allowed. Manufacturers crumple zones must be kept intact. Cross-bars between strut towers (front & rear) will be permitted no larger than 1" steel tubing welded or bolted securely.
8. All doors must be welded or bolted. Sunroof cars must be covered with 22-gauge sheet metal min.
9. No sheet metal screws or aluminum nailed rivets.
10. PLASTIC / GLASS COMPONENTS: Stock bumper covers should remain in place. (**Stock appearing aftermarket plastic racing nose and tail allowed**) All stock headlights and taillights may be removed.
11. DASH, SEAT & UPHOLSTERY: Stock dash may remain in place. Carpet and stock seats must be removed.
12. All cars must have a chain or chain hooks mounted securely at the front & back of the car to provide a lifting point for the tow truck.
13. The tech committee may reject cars that are considered improperly prepared.

#### 5. **Brake System:**

1. ABS/traction control system **MUST** be disconnected at the module. ABS/traction control systems must be disabled.
2. All four-wheel brake assemblies must function correctly.
3. Stock-Type rotors, No grooved or drilled rotors

#### 6. **Exhaust System:**

1. NO HEADERS allowed!! Catalytic converters may be removed.
2. Cars may alter the stock system and turn the exhaust to exit out the bottom of the right door, replacement pipes can be up to 2-inch O.D. maximum.

## **7. Fuel System:**

1. Stock tank may be used in stock location. Additional shielding must be installed under the tank. Small fuel cell in trunk is recommended. If used, parcel shelf and panel behind rear seat back rest to be completely sealed with minimum 22-gauge steel.
2. No Plastic fuel filters. All fuel lines must be securely mounted under the car.
3. NO INLINE FUEL PUMPS. Fuel pump must be mounted inside fuel cell/tank.
4. OEM Fuel Injected cars must have a fuel pump shut-off switch. The switch must be a "push/pull" type switch & must be mounted in the roof directly above the driver & clearly labeled.

## **8. Steering/Suspension System:**

1. All suspension components must be completely stock, unless otherwise noted.
2. NO BUMP STOPS allowed. (Spring rubbers are allowed)
3. Cambering allowed (2" maximum from vertical level at tire bulge on any corner)
4. Camber must only be obtained from stock components and pick up locations and holes, must be accomplished in a safe manner. (Any other modification must be approved with tech)
5. All suspension components must be stock & same on both sides of car. (Same sway bar link length, same coil spring diameter/length, etc. **Based on make and model of car**)
6. No Bending or altering steering knuckles, control arms, coil springs, strut mounts, etc.
7. If suspension/steering components are damaged or bent during a race, it **MUST** be repaired prior to the next race day event.
8. No racing / lowering / performance springs.

## **9. Tires/Wheels:**

1. No treatment of tire(s) will be permitted.
2. All wheels must have same wheel offset.
3. Aftermarket racing wheel permitted
4. 14 x7" Cobra Racing Tires allowed, any other Mini Stock Type racing tire must be pre-approved with GBS
5. DOT tires allowed

## **10. Radios:**

1. 2-way radios permitted, a working one-way scanner radio is MANDATORY to race at Grand Bend Speedway, no exceptions!

## **11.Weight:** The following weights will be for GBS Compact and Kid Stock cars

### **1. Minimum weight with driver after race.**

2. Cars with Under 100 hp 2000 lbs
3. 101-110 hp 2100 lbs
4. 111-120 hp 2200 lbs
5. 121-130 hp 2300 lbs
6. 131-140 hp 2400 lbs
7. 141-150 hp 2500 lbs
8. 151-160hp 2600 lbs
9. 161hp or more **2700 lbs** <***Provincial Mini Stock Rules allowed at this weight***
10. Built for Compact Cars over 180hp not allowed. Horse power as per manufacturer's specifications.
11. **50 lbs weight break for automatic transmission**
12. Potential Weight penalties for **competition equality** by GBS Tech Officials

**NOTE: Interpretation of these rules will be solely up to the judgment of the officials in charge of the area in question. GRAND BEND SPEEDWAY reserves the right to impound non-complying components with no compensation to the owner(s). Noncompliance with the specifications outlined herein may subject violating teams to disqualification, loss of points and moneys and/or fine.**

**In the interest of safety, Grand Bend Speedway may adjust or change rules as needed. In the interest of equalizing the field competition, special sanctions and weight penalties may be given to an overly competitive car or manufacturer.**