



200 Silvertown Road  
Jonestown PA 17038  
717-865-5330

## 2023 FOUR CYLINDER FRONT WHEEL DRIVE CAR SPECIFICATIONS

ANY FOUR CYLINDER PISTON TYPE ENGINE FRONT WHEEL DRIVE CAR ONLY

NO TWO-SEATER, CONVERTIBLES, PICKUPS, FOUR WHEEL DRIVES OR JEEP TYPE VEHICLES ALLOWED.

NATURALLY ASPERATED ENGINES ONLY (no turbos or supercharged).

MAXIMUM STOCK WHEEL BASE 104"

MINIMUM WEIGHT 2350LBS WITH DRIVER

**BATTERY:** Battery may be relocated to driver compartment, must be in spill-proof container. If battery relocated disconnect switch should be utilized

**BODY:** Cars must remain strictly stock other than noted modifications. A tow chain front and rear are **MANDATORY**. Front bumper cover **MANDATORY** (unless production was steel only)

Aftermarket nose and tail piece allowed

Only driver door and passenger door may be gutted for roll cage clearance

Hood must be kept in place at all times

All glass and lights must be removed

Factory sheet metal only and will need to be in place at the start of each event

If no rear bumper cover is used, rear bumper must be tied in (steel rear bumper must be looped back to the body)

No plexiglass anywhere on body

Rub rails allowed internal or external, external rub rails must be tight against the body and the ends must be turned in-no sharp edges, no lead filled, no aluminum, no guardrails

Side skirts, spoilers and wings allowed (maximum wing height 8 inches)

**BRAKES:** Brakes must be in good working order at all times. Stock braking system, four-wheel brakes only

CAR NUMBERS: Numbers must be at least 18" high on both sides of car and on roof

ENGINE AND TRANSMISSION SPECIFICATIONS:

The engine must be same manufacture as chassis (Honda Specs see Honda K-series\*)

Any motor mount or tranny mount allowed

No adjustable cam sprocket on dual cam engines. Adjustable cam gear permitted ONLY on single cam engines

No ported, polished or deburred heads (stock manufactured cylinder heads ONLY). Stock valve size ONLY

Aftermarket cam is permitted

Engine block over bore max bore .40 over. Factory crank and connecting rods

No stand-alone computers

7800 RPM MAX

Fuel Pressure must not be altered.

ENGINE AND TRANSMISSION SPECIFICATIONS – HONDA K-SERIES\*:

2 lobe intake cam shaft and single lobe exhaust cam shaft heads only

Must use factory UNALTERED cylinder head only (no aftermarket heads)

Engine block must remain factory bore and stroke

Must be on factory UNALTERED factory computer with factory wiring harness

Variable timing gears may not be mix matched from other v-tech engines

No altering the VTC gear

No dual valve springs

EXHAUST: Stock manifold or stock type aftermarket header allowed

No tri-Y headers allowed

No long-tube headers

Any header or exhaust run through cockpit must be fully enclosed from front firewall to rear floor and must pass safety inspection (you may be required to make adjustments)

FUEL SYSTEM: Holley 4412 Carburetor, 500 CFM MAX (NO XP Carburetors)

Fuel Pressure may not be altered

Stock injectors

- FUEL CELL:** Fuel cells are recommended (if using must have fire wall to separate driver from fuel cell area)
- Factory fuel tanks allowed; must be forward of the axle
- Skid plates HIGHLY recommended for fuel tanks
- FUEL:** Maximum 110 octane
- No late model plus fuels
- Fuel testing may be done at the discretion of the track tech inspector. Any fuel in questions after initial test may be further analyzed by an outside lab. Your payoff will be held until the results of the testing are final. If fuel is found to be legal, you will be paid at the next event. If fuel is found to be illegal, you will forfeit all monies earned for that even and lose all accumulated points for the season. You will be required to pay a fine that will be equal to the cost of the fuel analysis (approximately \$200.00) before driver returns to competition.
- INTERIORS:** All interior glass and all flammable parts must be removed
- The stock steel unaltered floor pan, firewalls, trunk, trunk floor & wheel wells must be retained
- No late model style interiors (closed cockpits)
- No mirrors allowed
- All holes in driver's compartment must be closed off
- Driver's windshield area must have minimum of three (3) bars to protect driver. Windshield screen is recommended (no windshields allowed)
- ROLL CAGE:** Roll cage must extend a safe distance about driver's head with helmet on
- Must be 1 ½" OD minimum tubing
- Must be securely welded to frame or plate welded to floorboards at rocker panel
- May sit on 2 x 2 tubing
- Uni-body may be tied together
- Must extend from windshield to rear of driver's compartment with a loop at front & rear
- A minimum of 1 inch round pipe must be welded to roll cage in center of windshield opening
- Three (qty 3) minimum horizontal 1 ½" bars on driver's side cage; two (qty2) minimum horizontal 1 ½" bars on passenger side cage

6-point cage minimum (four mounting points in cockpit area, recommended two mounting points in engine bay, two mounting points rear of vehicle)

If main cage is welded to mounting plates and bolted to car, mounting plates must have minimum four (qty 4), 3/8 bolts with washers

May add bars in engine compartment to protect radiator and engine

SAFETY: Approved fire suits are required, free from holes, loose threads, etc.

Racing gloves **MANATORY** at all times (including warmups)

Window nets or arm restraints are **MANATORY**

SA 2015 Helmet or newer

Full face auto racing helmets only (no motorcycle helmets permitted)

Neck brace collar or Hans device **MANATORY**

5-point racing harness required, date on belts must be within 5 years of current racing year

Belts must be mounted to the cage (NOT mounted to the body of the car)

Aluminum only racing seat, high back with head rest (full containment seat recommended)

Racing seat must be securely attached to the roll cage with four (4), 3/8 minimum grade 5 bolts (example, 2 bolts in bottom of seat, 2 in back of seat)

Fire extinguisher option in racecar

Minimum One (1) Fire extinguisher **MANDATORY** per trailer

SUSPENSION: No adjustable struts

No coil over suspension

Stock conventional OEM suspension system

Coil spring barrel sizes must be the same side to side

Coil spring rubbers allowed; one (qty 1) per coil spring

Bump stop dampeners allowed

Reinforcing of rear trailing arms allowed

Rear spindles maybe replaced with heavier version due to breakage

Suspension components must be mounted in factory locations

Maximum rear toe-out plus 1.5-inch total; at start of each race (maybe checked prior to any racing event throughout the night)

TIRES AND WHEELS:

Tires must be stock passenger only (NO LT tires)

No truck tire, snow tires, recaps, racing or trick gumball tires of any kind (NO WINTER FORCE TIRES)

Maximum diameter of 16' steel or aluminum wheel; 8-inch rim width

Racing wheels permitted

Any off-set allowed

May mix and match wheel sizes

Bead lock wheel permitted on RIGHT FRONT ONLY; minimum air pressure 20 psi

50 series tires to 75 series maximum

Buffing, grooving and sipping permitted

No tire softening (DOT tires shall durometer 55 or higher)

TRANSMISSION:

Stock transmission automatic or manual

Must be for that make and model

Aftermarket clutches allowed

Stock torque converter and stock flex plate (for automatic transmission)

Open diff, limited slip, locked diff permitted

One (1) piece flywheel only

No triple disc clutch

Stock style clutches only

\*\*\*ANY CAR THAT WINS THREE (3) CONSECUTIVE FEATURES WILL HAVE TRACK OWNED MINIMUM 75LBS WEIGHT ADDED TO THE LEFT REAR OF THE CAR.

\*\*\*THE INTENT OF THESE RULES IS TO KEEP THE RACING CLOSE, EQUAL AND COST EFFECTIVE

ANYTHING NOT COVERED IN THESE SPECIFICATIONS WILL BE TO THE DISCRETION OF THE TRACK TECHNICAL PERSONNEL WITHOUT RECOURSE FROM ANY DRIVER OR OWNER. ALL SPECIFICATIONS ARE SUBJECT TO REVISION AT ANYTIME. THESE RULES CAN BE CHANGED WITHOUT NOTICE AT ANYTIME DURING THE RACING SEASON.

ANY QUESTIONS REGARDING RULES SHOULD BE DIRECTED TO JASEN GEESAMAN 717-673-1169