



2019

105 SPEEDWAY HOBBY STOCKS

**DON'T ASSUME ANY GREY AREAS ABOUT THE RULES PLEASE CALL DENNIS
FOR INTERPERTATION @ 281-622-0911**

FRAME:

- Any American OEM full body rear wheel drive passenger car, 1964 or newer, full frame or Uni-body
- Minimum 107.5 inches wheel base
- Uni-bodies must tie front frame to rear frame
- Camaros are allowed

CAGE:

- Full 8 point cage is required
- With a min of 1-1/2" OD X .095 wall tubing.
- The cage must consist of front and rear hoops
- Must have X brace behind driver
- Must have 4 bars in driver's door and 2 bars in passenger door
- Roll cage must extend from front to rear of car
- Standard cage

BODY

- OEM steel hood, roof and trunk
- Aftermarket nose and tail pieces are allowed
- Race car body must maintain stock OEM appearance, factory stock body OK

- Up to 8" rear spoiler allowed

DRIVERS COMPARTMENT

- Racing aluminum seat only
- Must be bolted to cage
- Must have window or arm restraint
- Minimum 3 windshield bars in front of driver
- OEM front firewall, floor and rear – maybe replaced with 18 gauge metal. Securely welded to frame
- Must remain flat from frame rail to frame rail. No higher or lower than frame rail
- Rear firewall speaker deck must be metal and sealed off
- Interior decking OK

STEERING

- All components must be steel, unaltered OEM and matched frame

FRONT SUSPENSION

- Adjustable spring buckets are allowed
- Non-adjustable tubular "A" arms are allowed

REAR SUSPENSION

- Adjustable spring buckets are allowed
- Adjustable lowering blocks and sliders are allowed on leaf spring cars Nova and Camaros

SHOCKS

- Stock mounts Except Nova and Camaro
- Stock ends Except Nova and Camaro
- Jack bolt acceptable on front of Nova and Camaro
- (1) shock per wheel

REAR END

- GM 7.5
- GM 8.5
- FORD 9"

TIRE/WHEELS

- 8 X 15" Steel wheels
- Right rear bead lock OK
- Hoosier 660 or American Racer 660 KK704

FUEL

- Gasoline Only
- Racing fuel allowed – NO E85

WEIGHT 3200 LBS

EXHAUST

- Any chassis header under car
- Step headers OK

BRAKES

- Minimum 3 in working order
- Aftermarket pedal and master cylinder allowed with front and rear brake adjuster allowed

TRANSMISSION

MANUAL – Any OEM 3 or 4 speed with mini. 10.5" clutch and pressure plate.

Must have blow proof bellhousing

AUTOMATIC – Min. working 10" working converter

DRIVE SHAFT: Must be painted white with front and rear hoops

ENGINE LOCATION:

1 spark plug even with center of upper ball joint

Take into consideration you may be asked to pull pan at tech....So make it EASY

ENGINE

Option 1:

- GM 602 crate motor with any 4 barrel 650 CFM 6200 RPM chip
Note: Just because this engine is sealed DOES NOT give you a free pass at Tech
- PUSHRODS
- VALVE SPRING PRESSURE
- ROCKER ARMS

- COMPRESSION RATIO CHECKED WITH A WHISTLER
- CUBIC INCHES CHECKED WITH A PUMP
- MSD BOX INSPECTION
- MSD CHIP VALUE TESTED

OPTION 2: Open motor – Approved blocks are 283,302,305,
307,327,350 – Splayed main caps allowed

APPROVED CRANK SHAFTS: -

- Gm/oem or oem replacement 3.480 Stroke
- Eagle IMCA legal with no holes PART# ESP-103503480CM
- Scat IMCA legal with no holes – PART# 935010

***These are stock replacement cranks and cannot be lightened. Except for *balancing* purposes only. **ENGINE BUILDERS SHOULD TAKE NOTE HERE**

RODS -5.7" or 6 – Stock appearing

PISTONS: Flat top or dish – 2 or 4 valve relief – Full float pin allowed

CAMSHAFT: Flat tappet hydraulic only .450 max lift at valve. NO vacuum rule

CYLINDER HEADS:

- Engine quest GM Vortec replacement – PART# CH350C or GM # 12558060 cylinder head Allowed with Eldebrock victor JR PART# 2912 or GM # 12366573 and Holley PART# 4412 – 2 barrel carb Unaltered
OR
- GM Steel production open or closed chamber heads with 1.940 intake and 1.500 exhaust valve – allowed with a cast iron or aluminum spread bore manifold with a Rochester Quadra jet carb
650 CFM 4 barrel OR 4412 Holley Un altered

PLEASE NOTE: 3 FEATURE WINS WILL GET YOU A TARE DOWN – OPEN OR SEALED MOTOR