

## Section 11 – Super Stocks

**11.1** **DEFINITION** The word stock will mean factory produced OEM parts.

**11.2** **ENGINE**

11.2.1 Stock production engine, cast iron block only, MS sealed or GM sealed GM 602 & 604 crate engines approved.

11.2.2 Engine parts may be substituted from other years of the same manufacturer.

11.2.3 Crank shaft must be stock or stock type replacement of similar weight and material.

11.2.4 Any steel connecting rods approved.

11.2.5 Pistons must be dished or flat top only. Piston cannot protrude out of the block with the exception of the 340 Mopar engine.

11.2.6 Camshaft of any manufacturer approved. No roller camshaft or roller lifters. Cam button assembly approved.

11.2.7 Heads will be stock OEM. No aluminum heads. No after market applications. No bowtie OR W2 heads are allowed. Intake and exhaust ports will remain stock and un-ported. No angle plugs (Mopar and Ford stock angle plugs allowed). Vortec heads are approved.

11.2.8 Valve train optional. Valve size is not to exceed maximum factory specs. Valve springs, keepers, retainers, and pushrods are optional.

11.2.9 Any rockers are approved. Roller rockers are approved.

11.2.10 Oil pan optional. No dry sumps. Oil filtering system is optional.

11.2.11 GM engines must not be located any further back in the engine compartment as to allow the lower ball joint to be forward of the # 1 sparkplug. Ford and Mopar may be 1 inch behind lower ball joint.

11.2.12 No Cubic inch rule.

11.2.13 All engines must start under their own power. Starter type optional.

11.2.14 Alternators if used must be stock type.

11.2.15 Mechanical fuel pump only.

11.2.16 Air cleaner or protective covering over butterflies required.

11.2.17 Any Single carb intake manifold allowed. No porting or polishing allowed, must be "out of the box" original.

11.2.18 After market dampeners allowed.

11.2.19 Mechanical water pumps only, aluminum allowed.

11.2.20 Cooling fan type optional, pulley system optional. Must be shrouded minimum top and sides.

11.2.21 Ignition will be stock camshaft driven distributor only. No magnetos, MSD or aftermarket performance parts. Modules, points, and coils optional.

**11.3** **CARBURETION**

11.3.1 Holley 4412 two barrel is the approved carburetor, carbs optional on Cars with MS approved seal GM602 engines.

11.3.2 Must bolt to intake manifold with a MAXIMUM of one single, one inch adaptor plate. No modifications are allowed except; Choke parts may be removed and choke horn may be removed.

**11.4** **TRANSMISSION**

11.4.1 Must be like manufacturer for engine and must bolt up in stock fashion. Must have at least two working gears, including reverse.

11.4.2 Automatics are optional. Cooler and lines must be located outside of the driver's compartment. Approved transmission blanket recommended. Must use working torque converter. Entire assembly must be stock type.

11.4.3 10.4 clutches must have an approved scatter shield/blanket or blow proof bell housing.

11.4.4 Minimum 7.25" diameter clutches are approved.

11.4.5 Hydraulic throw-out systems approved.

**11.5** **REAR END**

11.5.1 Must be stock type of any manufacturer. Housing and tubes must be steel. Floaters

recommended. No posi-traction locker or ratchet rear ends allowed. Steel spool, mini spool, full spool, or welded gears only.

#### **11.6 BODY SPECIFICATIONS**

11.6.1 1955 thru current American made sedans, coupes, or pickups. Windshield posts are mandatory. All body panels shall be maintained or replaced as to keep a stock appearing look.

11.6.2 Body material optional. All panels must be welded, bolted or riveted to chassis. Mounting optional.

11.6.3 Windshield recommended. All glass will be a minimum 1/8" thick Lexan (no plexi-glass). Must have at least one diagonal bar in window opening. This "tire bar" is to help prevent large items from entering the driver's compartment.

11.6.4 Rear window optional, must have two straps minimum 1/8" thick x 1" wide located outside of Lexan to secure into place.

11.6.5 Must have window net in driver's side window fitted with a connector for easy release. Right side glass is not approved.

11.6.6 Air cleaner clearance may be cut in hood. Cold air boxes approved

11.6.7 Bumpers can be fabricated tube steel type and used under after-market or factory plastic bumper covers. Exposed bumpers are not approved. No external nerf bars.

11.6.8 Rear spoiler allowed. Not to exceed 60" width and 6" in height.

11.6.9 No excessive trimming of fenders or quarter panels.

11.6.10 Front and rear firewall may be altered and must be a minimum 20 gauge sheet metal. All penetrations must be fire sealed. Driver must be shielded from the engine, transmission, rear end, fuel cell, exhaust system and racing surface.

#### **11.7 CHASSIS**

11.7.1 Stock front clip mandatory.

11.7.2 At least 20" of frame forward of front spindle must remain stock. The stock frame section must extend rearward to at least the engine/bell housing seam.

11.7.3 It is recommended that any fabricated or modification made to the frame are with 2" x 3" x .090" tubing. Fabricated frame designs may be perimeter or straight rail design. Uni-body cars may tie front and rear frame sections together.

11.7.4 Minimum wheelbase 105".

11.7.5 Track width maximum is 69" as measured at spindle/axle height.

11.7.6 Lower control arms must be stock and may not be re-located. Upper control arms optional and mounting optional. Shock mounting optional. Ball joints optional. Weight jacks may be added.

11.7.7 Spindles must be stock.

11.7.8 Minimum 5/8" studs must be used on all hubs and rotors.

11.7.9 Only stock steering components are permitted. If the original frame clip used front steer, then front steer must be used. Power steering pumps and mounting optional. Fabricated steering shafts must be 5/8". Steering quickener allowed. Tie rod couplers and outside tie rod ends may be fabricated. All other steering parts must be stock.

11.7.10 Sway bars optional. Mounting optional.

11.7.11 One steel bodied, nonadjustable, non-rebuildable, unaltered shock per wheel. One additional shock allowed in lift- or pull-bar area.

21.8.2 No external or internal bumpers or stops. No threaded body, front coil-over, air, or remote reservoir shocks. No Schrader or bladder type valve allowed.

11.7.12 Rear suspension may be coil or leaf spring. Minimum 5" O.D. on coil springs. Four point, three point, truck arm suspensions are approved. Axle damper shocks are permitted. Coil over eliminators approved No spring rod trailing arms allowed. Coil over units are permitted on torque arm only. No rear sway bars allowed.

#### **11.8 ROLL CAGE**

11.8.1 A minimum six point roll cage is mandatory. The roll cage must be mounted to the frame.

11.8.2 Main bars must be minimum 1½" roll bar tubing, 2" O.D. maximum with a minimum .090" thickness,

welded or securely bolted to frame. Braced not less than 1/2 the height of the main bar back to frame. At least one diagonal brace on the main bar.

11.8.3 Minimum three sissy bars on driver's side and two on the passenger side. 1/8" thick plate between drivers side sissy bars will be required. Minimum 1 3/4" O.D. roll bar tubing or manufactured roll kits are recommended.

11.8.4 **No exhaust tubing or galvanized pipe allowed.**

11.8.5 Gussets are required on all 90 degree joints.

11.8.6 Uni-body cars roll cage must be fastened to floorboard by welding minimum 1/8" thick plates, 4"x 8" or 6"x 6" on top or under the floorboards using minimum four 3/8" bolts per mounting. Cage may be directly integrated into the sub frame at all points with full circumference welds.

11.8.7 Front hoops recommended. Radiator supports may be integrated in the hoop.

#### **11.9 BRAKES**

11.9.1 Four wheel brakes are mandatory. All four must be in working order. Front brakes will be single piston calipers of stock OEM passenger car type. Rear brakes may be stock or aftermarket type. After market master cylinders are approved. Front to rear bias adjusters allowed.

#### **11.10 BATTERY**

11.10.1 The battery must be securely mounted between the frame rails and in front of the rear end. If battery is mounted in the driver's compartment, then it must be mounted securely in a marine type box.

#### **11.11 DRIVESHAFT**

11.11.1 No aluminum or composite drive shafts allowed.

11.11.2 Must be painted white.

#### **11.12 EXHAUST**

11.12.1 Any headers or exhaust manifold approved.

Any portion of the exhaust system that is located inside the driver's cockpit, must be shielded to protect the driver.

11.12.2 Must meet sound decibel rule for track being raced

11.13 **FUEL** No exotic or alcohol based fuels allowed.

11.14 **MIRRORS** are optional.

#### **11.15 RADIATORS**

11.15.1 Must be located near stock location. After market optional

11.15.2 One gallon overflow tank required.

#### **11.16 TIRES**

11.16.1 Any new or used "class tire" may be used.

11.16.1.1 - The class take-off 2265 & 2263 (purchased at Meridian Speedway) may be used.

11.16.1.2 - The class new tire(s) will be announced (option #1) Hoosier 970 (option #2 TBD)

11.16.2 Wheel size:15x8 or 15x10 are approved.

11.16.4 The speedway brand must be on your tire for it to be deemed legal. All other tires must be acquired at Meridian Speedway.

#### **11.17 SEATS**

11.17.1 Aluminum high back racing seat required. Must be securely fastened to roll cage.

11.17.2 Steel framework around seat recommended.

#### **11.18 MINIMUM WEIGHT**

11.18.1 Minimum total weight with driver will be 3100 lbs after race.

11.18.2 Cars with MS approved sealed GM 602 Crate Engine will be 3000 lbs.

11.18.3 Maximum left side weight will be 58%.

11.19 **SAFETY-** All See Section 3 for Minimum Specifications