

SUPER HORNET/MINI STOCK RULES

(One Scorer required for each Enduro car.)

* *These rules may be amended at the official's discretion.* *

No additions, subtractions, alterations, or non-OEM type parts allowed unless specifically allowed in the rules.

Revised 4/10/10

1. **Models:** Any 3 or 4 cylinder, front wheel drive compact car. Maximum wheelbase is 104".
2. **Bodies:** No modifications to the body allowed. All interior upholstery and trim must be removed, except stock driver's seat. Dash and driver controls must remain intact and in stock location. Cars with the dash removed must install a 1 3/4" OD, .090" wall thickness pipe from A-pillar to A-pillar at dash height. All under-hood insulation must be removed. Sunroof openings must be covered with minimum 22-gauge steel. Hatchback models may remove hatch. Hood and trunk must be secured with hood pins only. Light openings may be covered with 24-gauge steel. Floor and front & rear firewall must be complete. Holes must be covered with 24-gauge steel. Body and interior metal must remain strictly stock. No removal or addition of metal except as specified. A driver's doorplate is required. The doorplate must be a minimum of 3/16" thick X 8" tall, extend at least 4" past each door seam, and be mounted so the bottom is 16" from the ground. The passenger door must be secured by a chain only. No aftermarket wings or vertical stabilizers may be added. Aerodynamic devices that are stock as manufactured for make and model are permitted.
3. **Bumpers:** Bumpers must be chained to the frame/unibody. No bull-work or homemade bumpers. If the front or rear bumpers have become damaged beyond reasonable repair, they may be replaced with straight thinwall seamed exhaust tubing of reasonable size. The ends must be capped, and there must be no sharp edges or corners. Approval by the Tech Officials is required.
4. **Glass:** All glass, except windshield, must be removed. A properly braced, 1/8" thick, Lexan windshield may be used. Properly braced heavy screen may be used.
5. **Roll Cage:** Roll bars are not required, but may be installed. A 4-point roll cage with halo must be constructed of 1 1/2" roll cage tubing with a minimum wall thickness of .090". Tube ends must meet the floor with 6" X 6" X 1/8" sandwich plates and be bolted in place. Main hoop must be full width and height of driver's compartment. A horizontal bar to support the seat back is required. If a roll cage is not installed, a 1 1/2" OD, .090" thickness roll cage tube must be welded between the 'B' pillars to support the seat back. This seat support bar is also the preferred location to anchor the shoulder harness. All welds must be made with an electric welder.
6. **Engine:** Stock engine for the make and model from the air inlet to the exhaust pipe.
7. **Electrical:** Stock 12-volt electrical system only. Battery must remain in stock position, and be secured with, at minimum, 1/8" X 1" steel strap and 5/15" hardware. Stock wiring only without modifications, unless approved by the tech officials. All exterior lights must be removed. No brake lights allowed.
8. **Cooling System:** Any stock radiator allowed that will fit in the stock mounts. An overflow container must be mounted in the engine compartment. Water ONLY in the cooling system; NO ANTIFREEZE.
9. **Exhaust:** Must have a functional leak free exhaust system of stock size. Exhaust must exit behind the driver.
10. **Fuel System:** A clearly marked fuel shut-off valve and/or fuel pump shut-off switch must be installed within reach of the safety officials. No fuel lines of any kind in the driver's compartment. All other fuel system components must remain stock.
11. **Fuel Tank:** If the stock fuel tank is in front of the rear axle, it may remain in place. If the stock fuel tank is behind the rear axle, it must be replaced with a fuel cell or an approved fuel tank (maximum capacity of 6.6 gallons.) The tank must be securely mounted using a minimum of 1/8" X 1" steel strap with minimum 5/16" hardware. Hatchback models must cover the fuel tank with a sealed steel enclosure.
12. **Drive Line:** Stock transmission/transaxle with all gears in working order.
13. **Suspension:** Suspension must remain completely stock. No cutting, buffing, grinding, drilling, welding or other modification will be permitted. OEM stock shocks and struts must be in original stock locations and positions. No mixing of shock types. Shocks must be the same length side to side. No adjustable shocks. Stock unaltered springs only. No spring spacing or wedge setting devices. Ride attitude must be maintained. Stock rubber suspension bushings only. Sway bar end link bushings may be urethane. Sway bars must remain as manufactured. Sway bars are permitted front and rear, but must be stock. Maximum camber is +/- 1/2", both front and rear.

14. **Steering:** Steering must remain completely stock.
15. **Brakes:** Braking system must remain completely stock. All 4 brakes must be functional.
16. **Tires:** D.O.T. tires only. Maximum tire size is 195 width, 60 series & 15" diameter. All 4 tires must be the same diameter, width and aspect ratio. No directional or performance tires. Tires must be available to the general public at normal retail outlets. (The 'internet' is considered a normal retail outlet.) Tires must be currently in production. No use of tire softener or altering of the tires in any way. Maximum retail price per tire is \$70.00
17. **Wheels:** Stock wheels only. Maximum wheel diameter is 15". No wheel spacers or wheel adapters.
18. **Weight:** No ballast may be added.
19. **Seat:** An aluminum-racing seat is strongly recommended. Seat belt and shoulder harness must be used. A 5-point racing harness is recommended.
20. **Safety:** A driver's window net is required. A DOT approved or better helmet is required. Drivers must wear a long sleeve shirt, long pants, gloves and eye protection. A fully charger fire extinguisher, securely mounted, within the drivers reach, is required. See also General Rules for additional safety equipment requirements.

Amendments:

Fuel Cell:

1. If the stock fuel tank is in front of the rear axle, it must remain there.
2. If the stock fuel tank has been removed, an approved fuel tank or cell must be mounted toward the rear of the car and centered in the body.
3. For 2011, the stock fuel tank must be in front of the rear axle.
4. Replacement tank must be all steel or an approved fuel cell.
 - a. An approved fuel cell must include a steel case, and a bladder with foam in it.
5. A steel firewall must be between the fuel tank/cell and the drivers compartment.
6. If the fuel tank has been moved, the fuel lines must be under the car.