STACKER RULES
2024

1.0 GENERAL RULES

a. Any car body style – no trucks.

b. Open to front or rear wheel drive – NO All Wheel Drives.

c. Open to any 4-cylinder engine with maximum displacement of 2.5 litres. No turbo or supercharged engines. Automatic or manual transmission okay.

d. The bottom car can be a Ford Crown Victoria with 4.6 Litre V-8 Engine or similar. Call for clarification.

2.0 MINIMUM ROLLOVER PROTECTION – BOTTOM CAR

Three 4" posts with a minimum 12" X 12" plate top and bottom of each post. One post behind the driver and the second post behind where the passenger seat was, third post passenger foot area. The two rear posts must be attached by a minimum 2" cross bar like a Big "H". Posts can be round or square with a minimum .100 wall thickness.

3.0 CONNECTING THE TWO CARS

The 2 cars must be attached in a minimum of 3 places. They can be a combination of 12' X 12" plates bolted through the roof of the bottom car then through the floor of the top car. Welding the floor to the roof is also acceptable in combination with plates. Also the plates on the top car's floor should be bolted to the bottom car's rollover protection. Four stabilizers must also be attached, one on each corner of the top car down to the bottom car. These should be mounted on the lower windshield posts and on the rear window posts. Minimum size for stabilizers are 2" square, round or angle iron.

4.0 MINIMUM ROLLOVER PROTECTION – TOP CAR

Minimum of two 4" posts. One behind the driver and one behind the passenger seat area. The second post must be attached by a minimum 2" cross bar like a big "H". Posts must be bolted or welded to the roof and the floor. All roll over posts must have a 12" x 12" plate top and bottom like a big "I".
Triangle Window Net Required for "top" racer – Example: ALLSTAR – Part #ALL10246

5.0 DOOR BARS

Two door bars that extend across the driver's door are required. It must overlap the front fender and rear quarter/rear door a minimum of 6". The bottom door bar centre-line should be between 16" to 18" off the ground. These door bars must be a minimum of 4" X 3/16" steel channel or 2" by 3" by 1/8" wall thickness. Rectangular steel tubing. Must be bolted or welded. If bolting is used, bolts must go all the way through the doors with larger washers on the inside. Door bars

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must be bevelled on each end to eliminate ragged edges. The top car must have a minimum single door bar.

6.0 GENERAL RULES

6.1 No stripping or gutting. All metal panels must be left intact. Hood and trunk hinge must be left intact. Heater cores, fans and air conditioning must remain in place. Battery must remain in its original position.

6.2 The top car may have engine, transmission, suspension, etc. removed. Although all metal panels must be left intact.

6.3 Doors should be welded, bolted or chained shut.

6.4 Outside trims, mouldings, headlights and taillights must be removed.

6.5 Cars must be bone stock – no modifications.

6.6 The top car is responsible for steering ONLY. The Bottom car is responsible for throttle and brakes. TIP: pick a bottom car you get easy access to the steering.

6.7 Must have a quiet muffler. Maximum 90 DBA at 100 feet.

6.8 When repairing cars, only stock replacements parts may be used.

6.9 Hood and trunk lid must be pinned down in a minimum of 2 places.

6.10 Windshield is mandatory in both top & bottom car.

6.11 5-point racing harness mandatory.

6.12 Window net required.

6.13 A racing seat for the top car is highly recommended.

7.0 STEERING

7.1 The steering shaft can be directly connected to the bottom car's rack and pinion system.

7.2 The steering mechanism must incorporate a minimum of ¾" tubing or bar. Universal joints and steering shaft should be support by rod ends. This will all be subject to inspection.

7.3 A quick release steering wheel on the top car is recommended.

7.4 The steering shaft can also be connected to the bottom car's steering column. You have to remove part of the dash to connect the steering shaft to the steering column.

7.5 All cars are subject to inspection. Poor quality weldings, poor quality connections between cars, poor steering designs will be rejected until corrected. If you are not sure how to connect the cars or create the steering system, please call Horizon Motorsports Ltd.

APPEARANCE RULE

All cars are expected to have clean, straight bodies. Cars should be freshly painted if needed. Numbers should not be "spray bombed" on. Professionally cut vinyl lettering is the preferred method.

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