

# SECTION III

## Pro Stock 4x4 Pickups

### Specific Rules

*Refer to Section I and II for General and Safety Rules*

#### **Weights and Wheels**

1. Tires must be street legal. No tread alterations – no larger than 33 X 12.50 DOT approved.
2. Solid rear suspension allowed.
3. Any rear-end housing size permitted. Maximum of one-ton front-end housing allowed. No air lockers or electronics locking devices. The width of the housings is to be similar of the factory housings.
4. Weights/weight bar must not exceed forward more than sixty (60) inches from the centerline of the front axle.

#### **Engine**

1. Engine must be the same make as vehicle. Engine must be in stock location. May run OEM cast iron stock block or aftermarket Dart block but no aluminum blocks. Any cast iron heads or aluminum type heads with wedge shaped combustion chambers, no hemi type chamber (can have spark plug in middle through valve cover), OEM or aftermarket. Any internal engine modifications allowed.
2. Cast iron and cast aluminum single 4-barrel manifold required. No sheet metal intakes, tunnel rams or any fuel injection.
3. A 1% variance to the engine limit of 485 cubic inches.
4. Maximum engine bore spacing of 4.9 inch.
5. No split carburetors allowed. One piece carburetors only.
6. No electric timing devices. Hood scoops facing forward will be fully enclosed with hood cut out under scoop only and rear facing scoops may be open.

#### **Body/Chassis**

1. All body components must retain original location on stock frame and factory production.
2. Vehicle must retain original wheelbase plus or minus 1/2 inch and stock appearance.

#### **Hitch**

1. Secondary safety hitch required, to be painted white.  
**Not mandatory but recommended.**
2. Primary hitch must be secure to vehicle frame in all directions. Hitch stem may be any length, as long as point of hook is not shorter than 36% of wheel base, maximum distance cannot change during hook.
3. Hitch point to rear axles centerline must be a minimum of 36% of wheelbase. Measured from centerline of rear axle to hook point.

4. Hitch stem angle must not exceed 20 degrees measured on the stem w/ angle finder. Main stem must be straight from the point of hook to pivot point. (On the same plane).
5. No part of the hitch can be attached or come in contact w/ rear axle during pull.
6. Hitch adjuster must not locate more than 6 inches from the point of hook.
7. Hitch adjuster support (Turn Buckle) must be vertical whether it is above the stem or below. Adjuster going to rear-end must be attached from centerline or below.
8. Hitch height cannot exceed 26" from the point of hook to the ground or track.
9. No "L" shaped drawbars.
10. No drawbar angle greater than the angle of the sled chain. Acceptable angle is 0 degree to a maximum of 20 degrees. This will be measured by the angle of a straight edge from the point of hook to the center of the pivot point.
11. All turn buckles that control drawbar height from BELOW the drawbar must be vertical or angle FORWARD from the attachment point on the drawbar or axle housing. Attachment point on frame or axle cannot be above centerline of axle housing.
12. All turn buckles that control drawbar height from ABOVE the drawbar must be vertical or angle BACKWARD from attachment point on drawbar to frame.
13. Maximum hitch height shall be 26". This maximum cannot change during pull.
14. Drawbar to be made of steel, minimum of two square inches total material at any point. This will include the area of the pin with pin removed. Pins will be minimum 7/8-inch diameter. Drawbar must be equipped with steel hitching device constructed of not more than 1 1/2 inch square nor less 1 inch square (1 1/8 inch round stock) with an oblong shaped hole of 3 3/4-inch-long by 3 inch wide.
15. No cam type rear ends. All rear ends must be welded or bolted by a minimum of 3 bolts per side solid with a minimum of 3 5/8 grade 5 bolts per side to the frame.

#### **Transmission**

1. Aftermarket transmission and transfer case allowed.

#### **Fuel**

1. Alcohol fuels are not allowed.
2. Racing fuels can include oxygenated fuel.