

# SECTION IV

## Modified 4x4 Truck

### Specific Rules

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

#### **Engine Components**

1. All Modified 4x4 trucks are allowed naturally aspirated engines only. Engine size limit is 650 cubic inches. All automotive engines may run a maximum of two valves per cylinder. Engines are limited to one spark plug per cylinder.
2. Engines must be in stock location within engine compartment as manufactured and must be behind the stock grill and in front of stock firewall. Trucks may run without radiator, and engine may be moved forward, but must remain behind the grill. "Entire engine" is defined as anything that is bolted to engine block except high performance starters or crankshaft drive. Rear of engine block may not be moved forward of centerline of front axle.

#### **Body Components**

1. Fuel injection, carburetors and headers may protrude through the hood. Truck must have hood, grill and fenders in place as intended by the manufacturer. NSPA Owners will make decisions regarding any variance.
2. Hood line variance: The original hood lines should be kept and a three inch (3") maximum clearance opening will be allowed for speed equipment clearance. Must be within three inches (3") outside headers unless they are under the fender style. If out from under fender-style, the hood must come within three inches (3") of any part of motor projecting above hood line.
3. Frames may be different from the make and model of the truck body. Frame must be the main supporting member of the chassis. Tubular steel frame allowed. Center of wheel cannot exceed +/- six inches (6") of fender wells for wheelbase being used. Any vehicle may run up to a maximum of 133" wheelbase. Wheels must be within fender wells as prescribed above, body may be stretched in the middle to accommodate the wheelbase.
4. The outside edge of the tire on the narrow axle must overlap the center of the tire on the wide axle by at least one inch (1").
5. No cab and bare chassis or flatbed permitted.

#### **Weights**

All weights must be safely secured to truck and must not extend forward more than 60" from the centerline of the front wheel.

#### **Hitch Angle**

The hitch angle may not be more than 25-degrees parallel to the ground on four-wheel drive.

#### **Air Shocks**

Air shock devices are allowed as long as there are no lines or controls to or from the cab area.

### **Front End Wheel Supports**

Vehicles must use wheels no more than 6 inches off the ground, within 6 inches of the forward most part of the vehicle.

1. Wheels must be a minimum of 6 inches in diameter by 2 inches wide.
2. Wheels must support the weight of the vehicle.
3. Wheels must be at least 3 feet apart.