

2WD Mini Trucks

Driver Eligibility:

1. General rules apply.
2. Driver must be 16 years of age or older. Those under 18 years of age must have written parental/guardian permission.

Safety:

1. Driver **MUST** wear Snell rated helmet or a DOT approved helmet with chin strap fastened and remain fastened until vehicle is unhooked from sled. Single layer fire suit with a rating of SFI 3.2A-1 and closed toe shoes are **REQUIRED**. Fire shoes and gloves are **MANDATORY**.
2. 5-point harness **REQUIRED** to be worn.
3. No passengers on track or in pit area.
4. Mandatory 2 ½ lb fully charged fire extinguisher on board in reach of operator. A functional gage on the fire extinguisher **REQUIRED**.
5. Must have a neutral start switch. Automatics must be in park. Standards must be in neutral and clutch pedal must be depressed.
6. Trucks must have reverse lights with a minimum one in cab and one at rear.
7. Trucks must have working brakes on back drive axle and on both wheels.
8. **MUST** have kill switch mounted in rear of truck to kill ignition and electric fuel pump.
9. No fuel tanks, fuel lines or batteries in drivers' compartment. Batteries must be mounted in bed or engine compartment.
10. All drive shafts must have 2 loops. 2 piece shafts must have 4 loops. Minimum dimensions on loop material are: .125" for steel, .250" for aluminum and 1 inch wide. No chains or cables to be used for loops. U- joints must be covered on tops and both sides. Any drive shaft that has more than 2 U-joints is considered a 2 piece shaft. All U joints must be covered 360 degrees with 6" shield, ¼" steel or 3/8" aluminum.
11. Block shields must run the full length of engine and from top of frame to 1" above spark plugs.
12. Engine cooling fans shielded 360 degrees: electric fans may not be covered.
13. .250" shield 360 degrees around the engine balancer, not less than 2" wide. Must have bar across front, except SFI balancer.
14. Steel fly wheel and safety bell housing and block plate must be used on standard transmission.
15. Automatic Transmission-Blanket: Must have a 6 strap blanket,

minimum SFI 4.1 rating. Straps tight and blanket securely fastened. Blanket must cover 360 degrees from rear of engine block to tail shaft.

16. Automatic Transmission-Shields: Transmission shield and flex plate shield must meet SFI 4.1 rating. Composite transmission shield and flex plate shield must meet SFI 30.1 rating.
17. Automatic Transmission-Flex plate: Flex plate must meet SFI 29-1 rating.
18. Wheelie bars: no more than 10" from ground and minimum of 10" behind frame with 8" bumper bars.
19. Must be equipped with axle shields that cover the hubs. Must be fastened to the wheel or lug nuts. Must be made of 1/16" steel or better. All wheel studs and axle bolts/studs must be used and tight.

Chassis:

1. Factory sheet metal- all headlight and grill assemblies will be in place. Fiberglass hoods are allowed.
2. Firewall to remain in factory location. Driver and steering wheel to remain on left side of driver's compartment.
3. Must use factory compact truck frame rails, may reinforce from front to back, cannot add to rear of frame length.
4. Must be compact style truck: S10, Ford Ranger, D50, Jeep Comanche, etc. NO full size trucks. Any kind of motor to any kind of body.
5. Factory wheel base from center of rear axle to center of front axle for extended cab will be 125.25" and regular cab will be 109.25".
6. Front windshield MANDATORY. (Can use OEM glass or Lexan) All other glass optional.
7. Beds must be covered if cut out. Tail lights are optional.
8. Weights may extend no more than 12" from rear of factory frame. They may be mounted on sled bumpers.

Engines:

1. 406 cubic inch small block maximum (the 351 Cleveland, no hemispherical heads will be allowed in this class) must be cast OEM production block. Must have casting numbers on block.
2. 2 or 4 barrel intakes, cast iron or aluminum, may run after market, intake may not exceed 7" tall (measured from the base of the carburetor to the top of the block).
3. Solid or hydraulic cams. NO roller billet cams, cast iron only. NO roller lifters may run roller rockers or stamped steel rockers.
4. Lifters must remain stock diameter for engine make (no mushroom lifters).
5. Cast irons heads only. May port and polish, may run after market.

- No 18 degree or lower after market heads. NO aluminum heads.
6. May run any distributor which will fit into the original location. NO mags.
 7. Can run rev limiter. CANNOT use ignition box that can alter timing when in motion.
 8. Up to one 4 barrel, naturally aspirated carburetor with 4150 base size.
 9. Exhaust headers may go up or back and down. NO turn outs.
 10. Can pump gas or racing gas (NO alcohol, NO nitrous). These types only- a. VP C10, C12 and C14 b. Citgo 110, 112 and 114 c. Torco mach 110, mach 112 and mach 114 d. Sunoco standard 110 and supreme 112 e. Renegade 110, 112 and 114.

Drive Line:

1. One ton rear ends maximum.
2. Up to one ton six speed transmission with all working gears. NO cut gears. May run automatic and stall converter. Automatic transmissions REQUIRE a six strap blanket and SFI flex plate.
3. NO planetaries. NO drop boxes, quick change boxes or quick change rear ends will be permitted.

Hitches:

1. Maximum hitch height is 26" from ground to hook point.
2. Hitch must be stationary in all directions. Center of axle to point of hook, 39.25" maximum and 24" minimum.
3. No "L" hitches.
4. Hitch may not exceed past front of bed. Anchor and pin should not be less than 7/8" diameter.
5. No part of hitch to exceed 36" tall. Top stop not part of hitch.
6. Hitch adjusters for height must not exceed past factory frame.
7. Hitch must have 3 3/4" hole.

Tires:

1. Maximum rear tire size will be 33 x 12.50 or equivalent metric size. DOT approved on a maximum 10" wide wheel.

Added Weight:

1. Maximum truck length will be 161" from the center of the rear end to the forward most point of the truck including weights.
2. No loose weight in cab or under the hood.

Weight Classes:

- 4200 lbs with driver and 4400 lbs with driver.