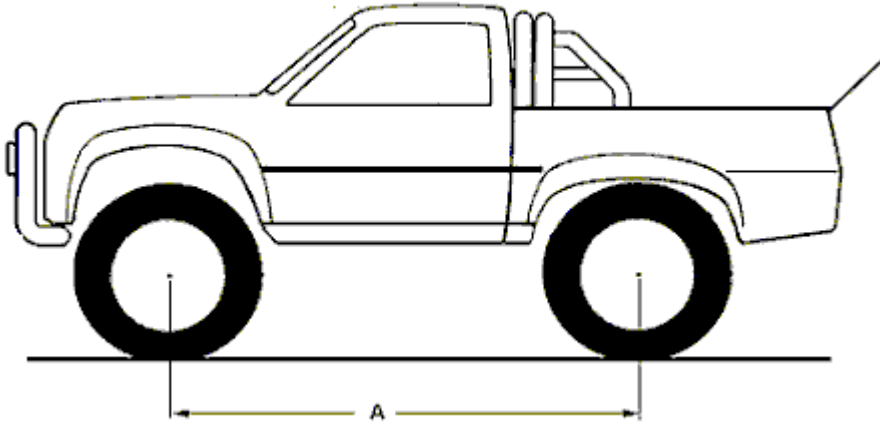


ROAR Monster Truck Rules

Note that where there are discrepancies, the rules take precedence for MT racing.

Weights are defined as ready to race, minus fuel.

9.4.9 Fuel Off-road Monster Truck:



9.4.9.1 Dimensional specifications:

Item		Limit	Specification		
			Standard		Unlimited
			.12 – .18 ci	.18 - .28 ci	
Engine size		Maximum	0.18 ci	0.28 ci	0.28 ci
		Minimum	0.12 ci	0.19 ci	0.12 ci
Wheelbase (A)		Minimum	12.0"		
Weight		Minimum	96 ounces	152 ounces	96 ounces
Tires (see 7.3 and 9.4.9.8)	Diameter (mounted)	Minimum	5.10"		4.55"
	Width (mounted)	Minimum	2.75"		2.25"
Fuel tank capacity (see 9.2.8 exception to rule, no limit MT, UMT)		No Tank Limit	No Tank Limit	No Tank Limit	No Tank Limit
Race Length		5 min to 45 min	Maximum: 5 min qual 45 mn main	Maximum: 5 min qual 45 mn main	Maximum: 5 min qual 45 mn main

- 9.4.9.2 **Definition:** To be a **Standard MONSTER TRUCK**, the lowest point of the engine must sit ***AT LEAST 1.5"*** inches above the lowest point along the front-back centerline when compressed (usually the "skid plates"). To tech questionable MTs, remove the wheels, place MT on flat surface, compress the vehicle fully and a ruler (or 1.5" gauge) could be used vertically to measure the underside of the engine above the surface
- 9.4.9.3 All Standard MT's will run in the same class, regardless of engine size, unless there are sufficient entries to warrant splitting the class according to the engine size and weight limits shown above.
- 9.4.9.4 **Definition: UNLIMITED MONSTER TRUCK:** Any Monster Truck that does not 100% meet the Standard MONSTER TRUCK specifications (9.4.9.2) while still meeting all other Monster Truck guidelines. Standard MTs may also enter the Unlimited class.
- 9.4.9.5 Drive configuration: Two or four wheel drive allowed.
- 9.4.9.6 Engine and Exhaust systems: All 2-stroke engines measuring .12 to .28ci and all exhaust systems meeting ROAR noise regulations (See Rule 9.2.4) will be allowed on a provisional basis. No port, timing or plug restrictions will be in place.
- 9.4.9.7 Transmission: Single, two-, or three-speed forward-only transmissions are allowed. NOTE: Reverse functions must be disabled for racing. (ROAR exception 9.2.5.1)
- 9.4.9.8 Tires must be rubber only and currently available to the public (i.e. in hobby shops at least 2 weeks prior to event) as a Monster Truck tire. No tires created for other vehicle types even if they fit the specifications will be allowed. Cutting or modifying the tread is allowed. Modifying the tire carcass is prohibited (*i.e. no "CUT" tires - whether they started as a Monster Truck tire or not*). All tire measurements reference *the carcass dimensions and does not include the tread depth or width*. Due to the varying sizes of wheels available for Monster Trucks it ***IS*** legal to trim the mounting bead of a tire produced for the Monster Truck class to make it fit a Monster Truck rim. *LP tires are referenced for the minimum UMT size and will be the absolute smallest tire legal in the UMT class.*
- 9.4.9.9 Bodies: Truck or SUV only (no buggy or car bodies allowed)
- 9.4.9.10 Bumpers are optional. If used, they may not extend further than 1" past the body, front or rear, and may not exceed the width across the outer edges if the tires to each side.
- 9.4.9.11 Rear Spoiler/Wing: A spoiler/wing is optional. 8th scale wings or smaller are permitted (ROAR rule 9.4.3.1)
- 9.4.9.12 Skid Plates must not extend further than 1" past the body, front or rear. Metal skid plates and chassis components are only allowed if safely attached and pose no danger to drivers, pit persons or turn marshals.

9.4.9.13 In addition to ROAR radio rules 10.8, the function of remote shifting forward gears is also allowed.

9.4.9.14 Maximum MT weight for all classes will be 13lbs 6oz (this is for the safety of the Corner Marshals, pit people and all people at the track)