

MTRA VEHICLE CERTIFICATION CHECK SHEET 26.0

VEHICLE NAME & # _____

Date _____

Comply []
Non-Comply []

(These are brief descriptions of the rules, refer to the current MTRA rule book for complete rules.)

[✓] Check box if rule applies 100%, [NA] if not applicable, otherwise give explanation on back.

< Owner/Driver must initial in the six check boxes verifying compliance and then sign bottom of sheet. (12/15/2017 Version #26.0)

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RULE #	ABBREVIATED RULE DESCRIPTIONS	RULE #	ABBREVIATED RULE DESCRIPTIONS
SECTION "A" EXTERNAL CHECK			
28	Rear kill Switch , (at rear most part of vehicle) pull or twist type, must kill all battery power.	83-87	Driveline loops , 6" Rings 1 1/2" wide with Gussets - 7" Spacing - 4" Shield 3 1/2" Wide over Slip Joint. 5/8" Grade 8 Slide Rods, 1"x.156 Side Rails, 5/8"
31	Battery secured & covered with rubber, Lexan or plastic. Dry or Gel type battery only .	83-87	Driveline Loops cont. 1 Fixed Corner Slide Rod rosette welded, Loops welded vertically to Side Rails, 5/8" Grade 8 Bolts - Painted high visibility
32	External crossover relief valve - Bolted directly to orbital valve or remotely mounted	83-87	U-Joints enclosed 360 deg, min. 5" x 1/4" steel with 3 - 1" x 1/4" mounting straps. Rotorator Devise on one end of each. U-Joints not visible from side, top
35	Shock accumulators mounted securely away from tires, 5/8" Bolts min. in double sheer. Steel or Alum. clamps only. Single bolt clamps 3" below accumulator caps. Cap Restrictors required on all accumulators.	88	Jack Shaft & Coupler ; minimum 1350 u-joints, must have a 360 degree 1/4" steel shielding of shaft and u-joint; shield may be 2 pieces bolted together
36	Fuel tanks/fuel-cell securely mounted by minimum (2) 1/8" x1 straps & 1/8" steel or 1/4" alum or Lexan shielding below. Anti-spill valve (no vented caps) Lines steel-braided or high-pres reinforced rubber.	89	Intermediate Splined shaft and Coupler (transfercase to carrier bearing) enclosed 360 degrees. Intermediate Driveshaft meets Rules #83-87
37	4-Link Bars ; minimum 2.5" lower - 2.25" upper, .250" wall DOM, minimum 1" Rod Ends (76,200 lbs rated), Grade 8 bolts in double sheer.	90	Slip yoke min. penetration in all configurations 2", similar to driveshaft loops, clearance 2"; refer to drawing # 10.
42-43	Firewall & Windshield . 1/16" Steel or Aluminum firewall, 1/8" Polycarbonate/Lexan windshield, no Plexiglas. Driver protected from tire	93-97	Dual Braking System, Steel billet rotors 3 tabs if not mounted on driveshaft yoke, front brake mounted on axle. Grade-8 Bolts w/non-nylon lock nuts.
45d-e	Monster Truck Specific Containment Seat mounted to frame or outriggers with minimum (4) 3/8" Grade 8 bolts.	SECTION "B" INSPECTOR IN-CAB	
55a-b	Chassis built prior to 2017 - 8 point one piece rollcage - 2" diameter DOM Tubing with X-Brace within main hoop.	15-16	Rll transmitter & receiver. Engine will not start with Rll off. (Must be approved unit)
55c	Chassis built 2017+ - 12 point one piece rollcage - 2" DOM Tubing w/a-pillar & outrigger support tubes, and 4-point main hoop. .188 wall attachment	23	Rll lights 12" from center in front.
56	Steel Bodied vehicles - 6 point rollcage - Racing Not Allowed	24	Rll antenna mounted vertical up or down
58	Dual Rollcage side bars - horizontal below window and floor height.	25-27	Current Vehicle Certification Check Sheet displayed.
91	Non Planetary axles require shield on axle shaft flange. Split Ring Wheels not allowed.	29	Commercial Back-up Alarm mechanically activated automatically with shift lever in reverse.
39	Fixed Disk Mechanical Wheel Restraint System required on each wheel. 3/8 Rotor bolted all holes, 8-bolt min. or welded 360. Minimum 2 capture points or 360 degree of 1/4" construction.	30	Bright Light mounted on rear of frame, mechanically activated automatically with shift lever in reverse.
ENGINE			
59	Engine exhaust must discharge vertical or rearwards at a 45 deg. down angle.	39	In-cab kill switch , shuts off all battery power, push to shut off.
60	Carburetor or injection butterfly shafts, dual return to idle springs in separate locations.	51	In-cab fuel shutoff , for fuel injected engines, with shutoff direction marked.
62	Throttle linkage from cab to engine must be a positive push-pull type cable.	40	Fire Suppression System with 6 properly placed nozzles (SFI 17.1)
64-65	Normally aspirated or Single 8-71 Blower max 10% overdrive, Alum studs, belt-guards, w/restraints	41	Fire extinguisher 2-1/2 lbs. [1.125kg] Dry Agent type with gauge & quick release. Max. 2 year inspection certificate.
66	Deflection shield , both sides of eng, crank to heads, min .250 (1/4") [6mm] thick steel or aluminum. Chassis tubes are not part of shield	45	5 pt Harness - 3" Lap & 2" Shoulder Belts, exception for ratchet straps (rule 45b)- SFI 16.1, Date Stamp good through Dec. 31st
67-68	Electric fans only. No cast iron or cast steel pulleys.	47	No fuel , fuel lines, batteries , radiators or water hoses in driver's compartment; steering hydraulic lines must be shielded.
69	Harmonic Balancers Not Allowed	52-53	Starter interrupt , only start in park or neutral and must have a reverse gear lockout
TRANSMISSION & CLUTCH			
72	SFI 4.1 - 360 deg trans blanket 18" [457mm] wide with bellhousing straps (cannot be burnt or torn) or SFI 4.1 nodular case and 30.1 bellhousing.	63	Throttle toe strap , refer to drawing # 6 or it can be closed loop.
73	SFI 29.1 certified flex plate 3 yr limit. If inspection hole is over 8" a 2" guard is required.	SECTION "C" DRIVER IN-CAB and SIGNOFF	
75	Lenco blanket & 360 deg. Coupler shield .	39-40	Can the driver operate the kill switch and fire system with his eyes closed in his seat belted position.
76	Clutch - approved explosion proof bellhousing with manufacturers certification.	15-24 & 39	Test Rll and Kill Switches with engine running
77-78	Clutch inspection maintenance hole cannot be welded Refer to drawing # 7.	93	Foot operated hyd. brakes , max stop distance = veh. length at 10 mph [16KPH]
81	Block saver plate between eng and bellhousing, flywheel must not be visible. GM 2" lower guard required	34	Owner/Driver initial required - 9,000 lbs. [4883kg] min. weight with driver, fuel, water & oil.
Driveline and Brakes			
82	Driveshafts ; 3.5" x .083" wall DOM tubing with 1480 Series U-joints, Billet End Yokes, Slip Yoke Restrictors Required, Chain Drive tcase Not Allowed.	48	No nitrous oxide, Nitro Methane or combustion accelerators .
		55a-e	Tubular Rollcage & frame .120 DOM - Tubing repairs require 6" [150mm] internal sleeve. Refer to drawing #3.
		64	Blower 16" [406mm] rotors with no internal modifications.
		71	575 cubic inch [9.422litres] maximum engine size
		80	Clutch - SFI approved flywheel

INSPECTORS NAME _____ MTRA Inspector # _____

SIGNATURE _____

P R I N T

MTRA will make periodic certification checks throughout the year, violators will be subject to suspension.

Certification depends upon MTRA Driver status and receiving a MTRA Certification Decal number.

I, the undersigned, hereby agree to keep this vehicle in compliance with all MTRA rules.

OWNER/DRIVER _____

P R I N T

OWNER/DRIVER _____

Certification Decal

Number _____ Yr. _____

Date _____

S I G N