

AARCMCC EP10 Off-Road
Provisional Short Course Truck Rules

1/10th Short Course Truck - Supplemental

1 General

1.1 Classes

- Two Wheel Drive Stock (minimum 10.5 BL Motors & Approved ESCs)
(Motor Classes can be 10.5, 13.5, or 17.5 – to be determined by the host club).
- Four Wheel Drive Open (Open - Modified Class Motors)

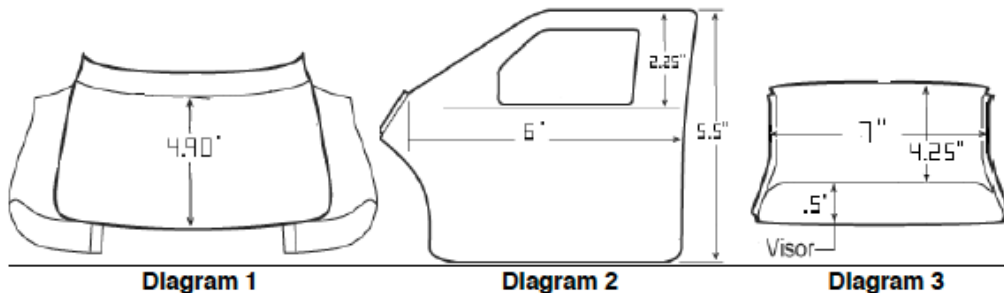
- 1.2 Two wheel rear wheel drive with geared or ball differential only.
- 1.3 No tyre tread cutting, bald tyres or custom cut tyres allowed.
- 1.4 No Ribbed Tyres allowed.

2 Body Specifications:

2.1 Dimensional Specifications:

Item		Limit	Specification
Overall Length		Minimum	540 mm
		Maximum	568 mm
Width		Minimum	290 mm
		Maximum	296 mm
Wheelbase		Minimum	320 mm
		Maximum	335 mm
Weight	2WD	Minimum	2100g
	4WD	Minimum	2500g
Wheels	Mounting Bead Diameter	Inner	Maximum 55.9 mm
		Outer	Maximum 76.2 mm
	Wheel bead width	Maximum	39.4 mm
	Wheel width	Maximum	41.9 mm
Tyres	Diameter mounted	Minimum	106.7 mm
	Width (mounted)	Maximum	47 mm

- 2.2 Full fender truck body. Body must completely cover tyres when viewed from above.
- 2.3 Windshield minimum setback centerline front of body to begin windshield. See diagram 1.
- 2.4 Cab roof minimum width and depth. See Diagram 2.
- 2.5 Cab minimum height and depth. See Diagram 3.
- 2.6 Cab Setback: Minimum setback is measured from a point equal to the Front (centerline) of the body to the beginning of the windshield/lower rock guard.
- 2.7 Cab Profile: Minimum depth of the cab is measured from the beginning point (centerline) of the windshield/lower rock guard to the rear reference point of the cab
- 2.8 Roof Panel: Minimum width is measured from outer most points of the roof section to the upper side window reference line depth of the roof panel is measured (centerline) from
- 2.9 No add on or integrated spoilers/wings allowed.



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- 2.10 Tyre Mounted: Minimum Diameter of the tyre (mounted) is established to limit extremely low profile designs. The target dimension (new tyre) is established at 109mm. To compensate for wear, molding tolerances, degradation of foam inserts, the pre-race minimum allowable diameter of a mounted tyre is 106mm. *Tracks and Promoters are encouraged to select a "Stated" tyre that works best for their particular location.*
- 2.12 Race vehicles must have front and rear bumpers. Made from non-Metal material nor contain sharp edges.
- 2.13 Front bumper must be minimum 171 mm in width. Front Bumper can be no wider than the inner sidewall of the front tire when straight

3 Open Short Course Truck 4x4

- 3.1 Dimensional Specifications:
Item Limit Specification (* measured axle center)
Wheel base* Minimum 320mm, Maximum 335mm
Overall Length Minimum 511mm, Maximum 568mm
Overall Width* Minimum 273mm, Maximum 296mm
Weight (Ready to Race) Minimum 2500 grams including transponder.
Wheel bead Inner Maximum 76.20mm
Outer diameter Maximum 55.88mm
Wheel bead width Maximum 39.37mm
Wheel width Maximum 42mm
Tyres Diameter mounted Minimum 99mm
~~Tyre width mounted Maximum 47mm~~
Dish Style Wheels Expressly Prohibited
- 3.2 Motor - ANY AARCMCC Approved "05" Size Brushless Motor.
- 3.3 Battery - ANY AARCMCC Approved 2S Li-Po (7.4volt), or 2S Li-Fe (6.6volt).
- 3.4 Four wheel drive with geared or ball differentials only.
- 3.5 No tyre tread cutting, bald tyres or custom cut tyres allowed.
- 3.6 No Ribbed Tyres allowed.

4 Body Specifications:

- 4.1 Full fender truck body. Body must completely cover tyres when viewed from above.
- 4.2 Windshield minimum setback centerline front of body to begin windshield. See diagram 1.
- 4.3 Cab roof minimum width and depth. See Diagram 2.
- 4.4 Cab minimum height and depth. See Diagram 3.
- 4.5 Cab Setback: Minimum setback is measured from a point equal to the Front (centerline) of the body to the beginning of the windshield/lower rock guard.
- 4.6 Cab Profile: Minimum depth of the cab is measured from the beginning point (centerline) of the windshield/lower rock guard to the rear reference point of the cab
- 4.7 Roof Panel: Minimum width is measured from outer most points of the roof section to the upper side window reference line depth of the roof panel is measured (centerline)
- 4.8 No add on or integrated spoilers/wings allowed.
- 4.9 Tyre Mounted: Minimum Diameter of the tyre (mounted) is established to limit extremely low profile designs. The target dimension (new tyre) is established at 109mm. To compensate for wear, molding tolerances, degradation of foam inserts, the pre- race minimum allowable diameter of a mounted tyre is 99mm. *Tracks and Promoters are encouraged to select a "Stated" tire that works best for their particular location.*