

8.10.12 **1/10th Short Course Truck**

8.10.12.1 Dimensional Specifications:

Item			Limit	Specification
Wheel base			Minimum	320mm (12.59 in)
			Maximum	335mm (13.19 in)
Overall Length			Minimum	540mm (21.25 in)
			Maximum	568mm (22.36 in)
Overall Width			Minimum	290mm (11.42 in)
			Maximum	296mm (11.65 in)
Weight			Minimum	2098 gr (74 oz)
Vehicle Height	Overall		Minimum	199mm (7.835 in)
Wheels	Wheel bead diameter	Inner	Maximum	76.20mm (3.0 in)
		Outer	Maximum	55.88mm (2.2 in)
	Wheel bead width		Maximum	39.37mm (1.55 in)
	Wheel width		Maximum	41.91mm (1.65 in)
Tires	Diameter mounted		Minimum	106.68 (4.20 in)
	Tire Width (Mounted)		Maximum	46.99mm (1.85 in)

8.10.12.2 Motor 17.5 turn brushless or 27 turn brushed.

8.10.12.3 2 wheel rear drive with geared or ball differential only.

8.10.12.4 No tire tread cutting, bald tires or custom cut tires allowed.

8.10.12.5 Body Specifications:

8.10.12.5.1 Full fender truck body. Body must completely cover tires when viewed from above.

8.10.12.5.2 Windshield minimum setback centerline front of body to begin windshield. See diagram 1.

8.10.12.5.3 Cab roof minimum width and depth. See Diagram 2.

8.10.12.5.4 Cab minimum height and depth. See Diagram 3.

8.10.12.5.5 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.

8.10.12.5.6 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

8.10.12.5.7 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) from

8.10.12.5.8 No add on or integrated spoilers/wings allowed.

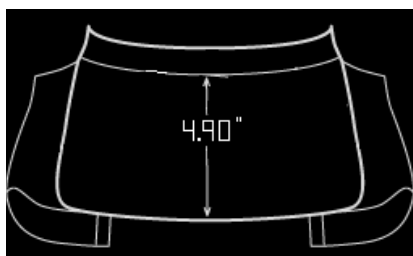


Diagram 1

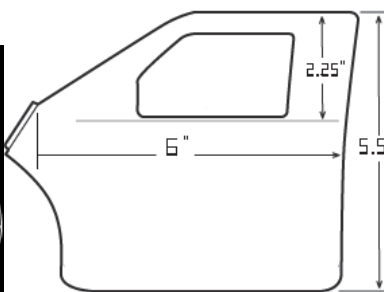


Diagram 2

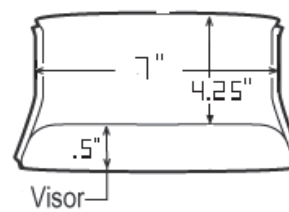


Diagram 3

8.10.12.6 Tire Mounted: Minimum Diameter of the tire (mounted) is established to limit extremely low profile designs. The target dimension (new tire) is established at 4.30 Inches. To compensate for wear, molding tolerances, degradation of foam inserts, the pre- race minimum allowable diameter of a mounted tire is 4.20 inches. Tracks and Promoters are encouraged to select a “Stated” tire that works best for their particular location.

8.10.12.6.1 Use of ribbed front tires is inconsistent with a category that has achieved most of its popularity on the basis of scale appearance. Therefore, ROAR has decided not to allow use of this type of tire on this basis. Ribbed front tires and "dashed" ribs will not be permitted. The rules will favor scale tread patterns, but the front tires must at least feature a tread pattern that's consistent with those used on the rear of the truck.

8.10.12.7 Height: Minimum Overall Height is measured with vehicle at Static Stance in ready to race condition

8.10.12.8 Race vehicles must have front and rear bumpers. Made from non Metal material nor contain sharp edges.

8.10.12.8.1 Front bumper must be minimum 171.45mm (6.750 inch) in width. Front Bumper can be no wider than the inner sidewall of the front tire when straight

8.10.13 1/10th Expert Open Short Course Truck 4x4

8.10.13.1 Dimensional Specifications:

Item	Limit Specification (* measured axle center)	
Wheel base*	Minimum 320mm (12.59 in)	Maximum 335mm (13.19 in)
Overall Length	Minimum 511mm (20.10 in)	Maximum 568mm (22.36 in)
Overall Width*	Minimum 273mm (10.75 in)	Maximum 296mm (11.65 in)
Weight (Ready to Race)	Minimum 2505 gr (88 oz)	
Vehicle Height Overall	Minimum 199mm (7.835 in)	
Wheel bead Inner	Maximum 76.20mm (3.0 in)	
diameter Outer	Maximum 55.88mm (2.2 in)	
Wheel bead width	Maximum 39.37mm (1.55 in)	
Wheel width	Maximum 41.9mm (1.65 in)	
Tires Diameter mounted	Minimum 99mm (3.90 in)	

~~Tire width mounted Maximum 46.99mm (1.85 in)~~

Dish Style Wheels Expressly Prohibited

8.10.13.2 Motor ANY ROAR Approved "05" Size Brushless Motor

8.10.13.2.1 Battery ANY ROAR Apporved 2S LiPo (7.4volt), 6Cell NiMh (7.2volt), or 2S LiFe (6.6volt)

8.10.13.3 Four wheel drive with geared or ball differentials only.

8.10.13.4 No tire tread cutting, bald tires or custom cut tires allowed.

8.10.13.5 Body Specifications:

8.10.13.5.1 Full fender truck body. Body must completely cover tires when viewed from above.

- 8.10.13.5.2 Windshield minimum setback centerline front of body to begin windshield. See diagram 1.
- 8.10.13.5.3 Cab roof minimum width and depth. See Diagram 2.
- 8.10.13.5.4 Cab minimum height and depth. See Diagram 3.
- 8.10.13.5.5 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.
- 8.10.13.5.6 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
- 8.10.13.5.7 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)
- 8.10.13.5.8 No add on or integrated spoilers/wings allowed.
- 8.10.13.6 Tire Mounted: Minimum Diameter of the tire (mounted) is established to limit extremely low profile designs. The target dimension (new tire) is established at 4.30 inches. To compensate for wear, molding tolerances, degradation of foam inserts, the pre- race minimum allowable diameter of a mounted tire is 3.90 inches. *Tracks and Promoters are encouraged to select a "Stated" tire that works best for their particular location.*
- 8.10.13.7 Height: Minimum Overall Height is measured with vehicle at Static Stance in ready to race condition