

**ASN Canada FIA****2010 Karting Regulations – Rear Protection****February 10, 2010 (Will be included in 2010 Technical Regulations)****1. Full-Width Rear Protection**

The intent of full-width rear kart protection for all classes is to help limit the possible negative effects of front to rear contact.

2. General Prescription

- a) Rear protection to have an overall width not exceeding the rear width of the kart at any time, measured outside the rear wheels or tyres, whichever is the greater.
- b) The protection is to cover at least 50% of each rear wheel/tyre at all times measured at the centre-line of the tire.
- c) The construction of the rear protection must not present any danger as regards safety.

3. Homologated chassis with homologated rear protection

When the chassis used is a CIK homologated chassis that incorporates full-width plastic rear protection in the homologation, the homologated rear protection must be used as homologated.

4. Retrofitting with full width plastic rear protection

Non-homologated 2-cycle or 4-cycle chassis may be retrofitted with a full-width plastic rear protection that is used on a CIK homologated chassis provided the original mounting points to the chassis are used and the minimum and maximum dimensions are followed.

5. Retrofitting with full width metal protection

Non-homologated 2-cycle or 4-cycle chassis may be fitted with a full-width metal rear protection conforming to the following specifications:

- a. Be constructed of magnetic steel tubing with a minimum outside diameter of 18mm and a minimum wall thickness of 1.4mm.
- b. Consist of two horizontal and parallel tubes, with outer extensions forming a closed loop with a minimum radius of 2 1/2 times the tube outside diameter, with two vertical link tubes to the chassis anchorage points (as per Diagram 1).
- c. Have its upper tube and uppermost extension element 250mm \pm 50mm above the ground.
- d. Have its upper tube and extension loops made of a single piece of tubing.
- e. Have its lower tube fixed horizontally between the main uprights, between 110mm \pm 20mm above the ground in dry configuration.
- f. Inside view, have a rearward rake of between 0 and 45 degrees to the vertical (as per diagram 2).
- g. In the case where a vertical rear protection is fitted, have the extension loops strengthened by triangulated steel braces to the chassis.
- h. Have an overall width not exceeding the rear width of the kart at any time (measured outside the rear wheels or tyres, whichever is the greater).
- i. Cover at least 50% of each rear wheel/tyre at all times.
- j. Have any attachment fasteners made of high tensile steel.

Diagram 1



Diagram 2



6. Reference examples

KG Example



CRG Example



Universal Metal Rear Protection Kit Example



CRG Rear Protection Example



Metal Rear Protection Example

