



ASN Safety Bulletin #15



The Hybrid/Hybrid Pro is a type of FIA-approved Frontal Head Restraint (FHR) device made by Simpson race products, which protects a driver in a front-on collision and angled-frontal impacts.

It uses a combination of straps around the driver's body to anchor it, which then connects to the helmet to support their neck in an impact. The video above provides a best-practice overview of how to properly wear the Hybrid & Hybrid Pro device to ensure optimum performance.



Drivers must ensure that the Hybrid & Hybrid Pro is used with at least five-point harness which are FIA-approved. When seated, the Hybrid/Hybrid Pro straps should be adjusted to enable the helmet to move a maximum of 50mm forward and to rotate left and right.

The rear tethers should be adjusted first, followed by the front. The lateral free movement should be less than 25mm and less than 90° on each side. More detailed information to help competitors on the selection and installation of Hybrid & Hybrid Pro device can be viewed in this [link](#).

The angle of the shoulder belts should be between 10° and 25° viewed from above, and between 0° and 20° viewed from the side. Make sure the shoulder straps run freely between the shoulder slots.

The Hybrid & Hybrid Pro must only be worn with FIA-approved helmets. You can view a list of helmets that can be used by using the following links: TL [41](#), [49](#), [33](#) and [69](#).

