

IMPORTANT INFORMATION: Helmets compatibility with Frontal Head Restraint systems.

The new FIA8858-2010 standard and the M6 Terminals

With the new FIA8858-2010 standard, the FIA is now opening the door to other Frontal Head Restraint (FHR) systems than Hans® and is implementing a simpler and uniform system to attach the various FHR systems to the helmets by using common "M6 Terminals".

The "M6 Terminal" is a female M6 threaded insert fitted inside the helmet shell. It allows the final user to attach any approved anchorage system on his helmet without having to return his helmet to the manufacturer as intervention inside the helmet is no longer needed.

On helmets equipped with "M6 Terminals", the final user (the racing driver) is now able to easily attach the anchorage system of his FHR (currently known as Post Anchors, Post Clips or Hans® Clips) to his helmet. The final user will also be able to remove these clips from his helmet and replace them by other clips if needed or to use his helmet without any clips.



M6 Terminal

FIA8858-2010 approved helmets, if fitted with FHR clips, must be used with FIA8858-2010 approved clips. They cannot be used with FIA8858-2002 clips!

New helmet standards and certification labels

- A. SNELL SA2010 + FIA8858-2010 (2 stickers inside the helmet): helmets homologated to SNELL SA2010 AND approved to FIA8858-2010 are always fitted with M6 Terminals. Bell Racing helmets sold in Europe, Asia and Australia are all fitted with M6 Terminals and bear the 2 labels. Bell Racing helmets are available with simple M6 Terminals or with the latest FIA8858-2010 Hans Post clips already fitted.
- B. SNELL SA 2010 (1 sticker inside the helmet): helmets certified to SA2010 "only" cannot be fitted with M6 Terminals and are not compatible with any FHR system under FIA regulations.
- C. SNELL SAH 2010 (1 sticker inside the helmet): the SAH standard is a "carbon copy" of SA2010 and FIA8858-2010 into one single standard. SAH2010 approved helmets are always fitted with M6 Terminals. Some high end Bell Racing helmets sold in North America are SAH2010 approved.
- D. FIA8860-2010 (1 sticker on the back of the helmet): this Advanced Helmet FIA standard is identical to the FIA8860-2004 Advanced Helmet standard, with the exception of the FHR compatibility which has been copied on FIA8858-2010 and now includes M6 Terminals.

Current helmet standards and certification labels

- E. SNELL SA2005 + FIA8858-2002 (1 SA2005 sticker inside the helmet + 1 FIA8858-2002 silver holographic sticker on the back of the helmet). Bell Racing helmets sold in Europe, Asia and Australia until September 2010 were labeled as such. The FIA has not announced any deadline for these standards, so we guess they will be valid till 2018 at least.
- F. FIA8860-2004 (1 sticker on the back of the helmet): original Advanced Helmet standard, still in force. Bell Racing Advanced helmets are delivered with Hans clips only under this standard. The FIA has not announced any deadline for this standard.

→ At Bell Racing, we have opted for Snell SA2010 + FIA 8858-2010 for our Pro Series and Sport Series helmets. They are all fitted with M6 Terminals and come with a destruct-on-removal label bearing a unique serial number glued on the helmet energy absorbing liner. Both "Hans®" versions and standard ("non-Hans®") versions are available at Bell. The Hans versions feature Hans® "Post Anchor Clips" already bolted to the M6 terminals as original equipment. The regular versions ("non Hans®") feature the same M6 Terminals ready to easily receive the latest generation of FHR anchor clips without any need to remove inner parts of the helmet.

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