

The only FHR for use with 3-point harness that is also FIA approved

SIMPSON



*Simpson's commitment to High Performance Engineered Products:
Protecting the most important part of the racecar - the Driver.*



Our newest partnership with an automaker in Detroit, has led to third party testing of our Hybrid Frontal Head restraint to FMVSS passenger car standards.

Simpson Hybrid S

Hybrid S Head Restraint for 3 - Points

SIMPSON

In a 3 Point configuration, the SAS straps are not used.



Dynamically Tested with an FMVSS 3 point harness and set-up.



***3- Point Sled Test
Baseline Test***



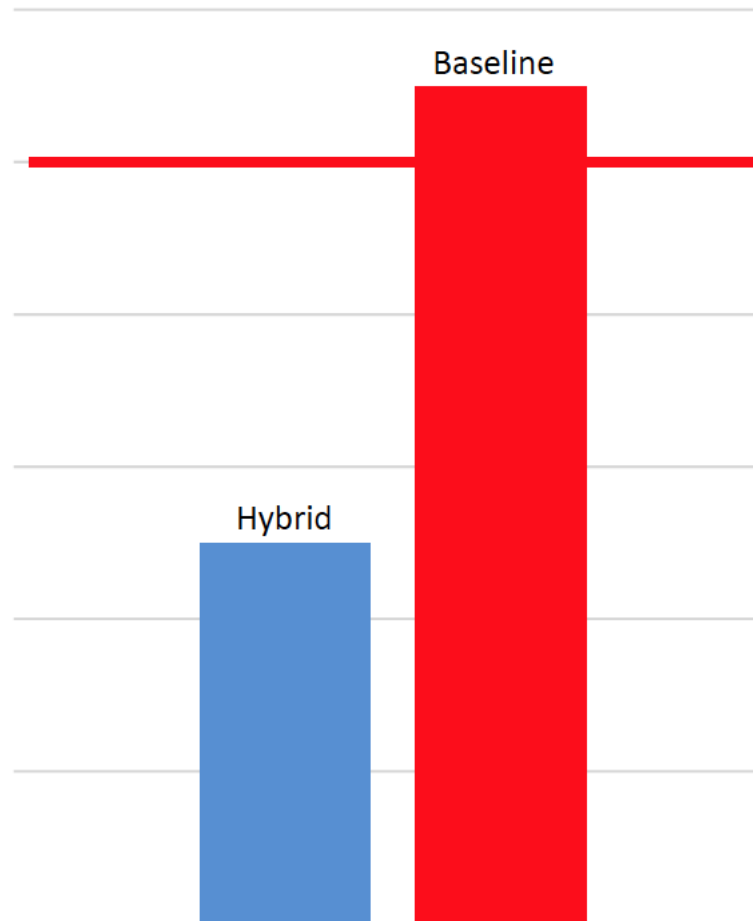
***with Hybrid S,
SAS straps removed.***

3-Point Belt - Dynamic Test Results

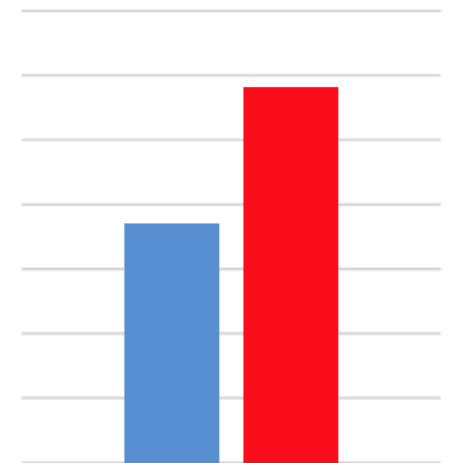


When tested in a 3 Point Belt configuration and helmet, the Hybrid & the Hybrid "S" show a 55 to 60% reduction in Neck Tension!

Hybrid S vs Baseline
3 Point Seatbelt Tests
Neck Tension (Fz)



Hybrid S vs Baseline
3 Point Seatbelt Tests
Neck Motions (Nij)



33% drop in Neck Injury Criteria (Nij)



*HPDE Custom Belts
available to fit your car.*



*World Class Belts in many
Standards and Configurations*



5, 6 or 7 Point Systems can be adapted to your car.