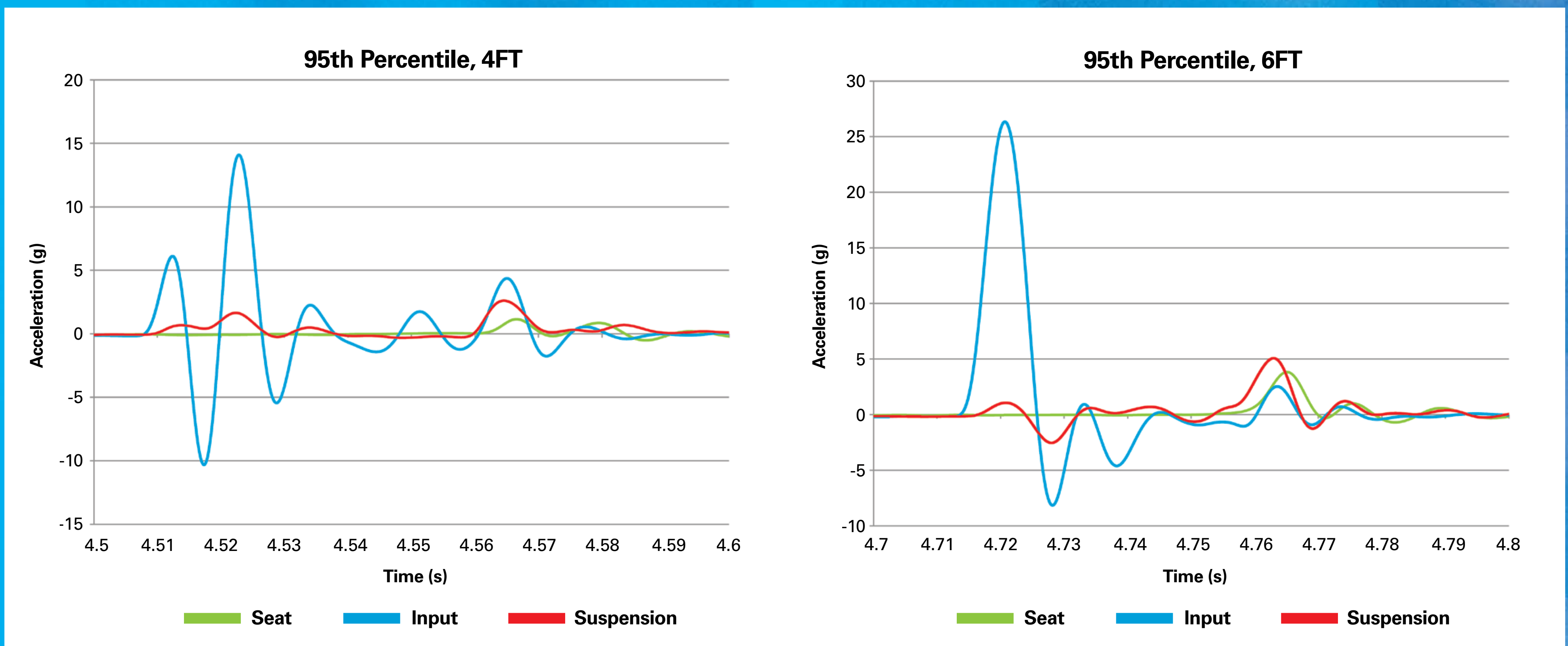


TORSION-580 TEST RESULTS

A revolutionary innovation in shock absorbing, weight adjustable suspension systems for marine seating!



Test Summary

- Shock experienced by a 95th percentile occupant (225 lbs/103 kg) was reduced from 26G to 3.8G – an 85% reduction – in laboratory testing. Weight adjust range was set to the maximum.
- Shock experienced by a 5th percentile occupant (110 lbs/50 kg) was reduced from 13.4G to 2.2G – an 84% reduction – in laboratory testing. Weight adjust range was set to the minimum.
- Transmissibility testing showed a peak amplification of 27% at a frequency of 6 Hz.
- Transmissibility testing of a static seat showed a peak amplification of 275% at a frequency of 3 Hz.

Product Features

- Weight control adjustment operates from 110 lbs (50 kg) to 320 lbs (145 kg).
- High-strength, dual dampers provide a 5.8" (148 mm) shock-absorbing ride zone compared with a 3.8" (97 mm) ride zone with our Torsion-380 suspension.
- Energy absorbers decelerate the compressed suspension to reduce bottoming out.
- The Torsion-580 can be paired with Sierra™ or Pacifica™ style seat.

REDUCES SHOCK IMPACTS TO RIDER BY 85%