

# OICA/Alliance Head Restraint Backset Measurement Study

---

Head Restraint GTR IWG  
12-14 September 2006

# Purpose

---

- Provide NHTSA data to support Alliance and OICA position that measuring the head restraint backset from the seating reference point (“R” point) is more reliable and eliminates much of the variability associated with measurements from the “H” point.

# Test Program

---

- Compare backset measurements using FMVSS 202a procedure (TP-202a) to an Alliance proposed method starting at the "R" point
- 10 seats x 2 methods x 4 repetitions = 80 tests
- Testing began July 17 and was completed July 31 at MGA, Troy, Michigan.
- 3 Seats retested by August 28

# Seats Tested

---

|                         |
|-------------------------|
| Dodge Caravan (Cloth)   |
| Dodge Caravan (Leather) |
| Jeep Grand Cherokee     |
| Chrysler 300            |
| Ford Focus              |
| Ford Explorer           |
| Hummer H3               |
| Chevrolet Trail Blazer  |
| Toyota Camry (Cloth)    |
| Toyota Camry (Leather)  |
| VW Jetta                |

























