Humanetics Update to BioRID II GTR/TEG

June 1, 2011
Head Restraint Probes

► Tested 6 dummies with large and small head restraint probes
► Probes give different responses
► No indication that one is better than other
  – haven’t found a problem with either one on these dummies
► Back to philosophical discussion
  – Small probe much easier for lab to use
  – Large probe gives responses closer to car seat data
Request Change to Inspection Checklist

► CHECK CERVICAL VERTEBRAE HOLES FROM EACH SIDE OF VERTABRA:
  – 8.0000 +.0010/-.0000 MM SHOULD GO IN USING LIGHT, SINGLE FINGER FORCE.
  – 8.0300 +.0010/-.0000 MM SHOULD NOT GO IN USING LIGHT, SINGLE FINGER FORCE.

► Changes
  – Tighter class pins
  – Use tolerances instead of pin classes to define pins
  – Adjust pin sizes slightly due to change in class pin