



GTR Process & the Pedestrian GTR

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GTR Policy Approach

- **Policy**

- **PERFORMANCE-BASED**

- **Regulating the performance rather than the design of vehicles and their components**

- **SCIENCE-BASED and DATA-DRIVEN**

- **Rulemakings are undertaken only when grounded in theory and backed by sound, empirical evidence.**

- **GTRs must:**

- **Meet a safety need**
 - **Be technologically and economically practicable**
 - **Have objective test procedures**
 - **Be performance-oriented (vs. design restrictive)**
 - **Be appropriate for each vehicle type**



NHTSA and the Pedestrian GTR

- **The technical requirements of this GTR are based on the tests developed in the IHRA Pedestrian Working Group, in which NHTSA was an active participant**
- **NHTSA was an active participant in the informal working group to ensure the requirements were technically feasible and cost effective.**
 - **Conducted validation testing of the procedures and analyzed the impact on a range of vehicles**
 - **Evaluated countermeasures**



Next Steps

- **Finalize the cost-benefits evaluation for the head and leg tests**
- **Federalize the head and leg impactors**
- **Initiate the rulemaking process of the GTR**

