

# Update of OBD Technical Review Workgroup

MSTRS Meeting  
February 12, 2003

# OBD Test Programs

- Colorado Department of Health OBD FTP study
  - continuing (85 vehicles tested)
- EPA High-Mileage Testing
  - continuing (120 vehicles tested)

# Update of OBD I/M to CAN

- CAN will be phased-in starting with the '03 MY and be fully phase-in by '08
- Scan tool manufacturers working on updating systems to read CAN
- List of CAN equipped vehicles posted on ETI web page

# Implementation of OBD I/M

- 16 Areas using OBD for pass/fail decisions
- Group is monitoring data as it is made available
- Georgia which has the nation's largest decentralized I/M system started OBD pass/fail in May 02

# OBD Tampering

- Workgroup will begin to investigate OBD tampering
- Requesting state's experience in OBD tampering
- Will review types of tampering methods and likelihood of detection and success

# OBD I/M Methods of Evaluation to Consider

- Remote Sensing
- Tailpipe sampling
  - METT/Steady State
- Extrapolation/Modeling
  - Use FTP based studies (in-use, cert)
- Process Based
  - coverage/inspections/repairs
- Control Charts
  - Internal/External comparisons

# Follow Up to Policy WG

- Review High-Mileage OBD data
- Review state OBD I/M data
- Quantify concern on “lack of overlap”
- Review CDH data
- Explore technical means for identifying tampering devices
- Review impact of Tier 2 and fleet aging