

UPDATE

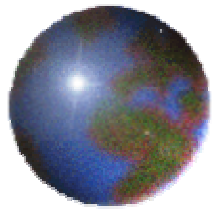
from the

OBD Workgroup

Dr. Jerry Gallagher, Co-Chair

June 9, 2004

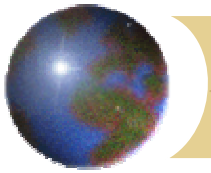
MSTRS



OBD

Technical Workgroup

Priorities

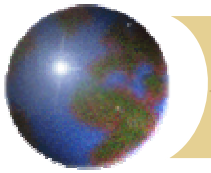


(1) #1. **OBD Readiness Issue**

- Two OBD monitors
- I/M Loop-hole
- State-by-state issue

(2) #2. **CAN**

- Model Years 2003-2008
- Need to develop protocols for OBD I/M

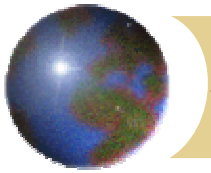


(3) **#3. Tampering**

➤ EPA

(4) **#3. High Mileage OBD Study**

➤ Continued review & support

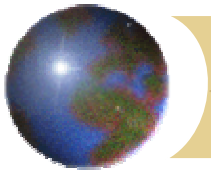


(5) #4. **Evaluation Study**

- Overall study design issues have been developed
- EPA to review
- NRC report

(6) #5. **Tier 2 Standards**

- How will these lower standards effect OBD I/M

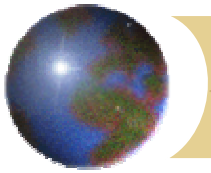


(7) #5. **Key on engine off bulb check with keyless ignition vehicles**

- I/M Program

(8) #5. **Diagnostic Trouble Code Study**

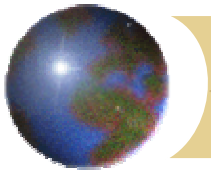
- Most Common DTC's
- Information to the Repair Industry



(9) #5. **OBD for Vehicles over 8,500 pounds**

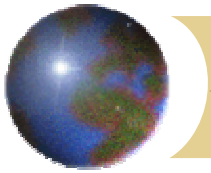
(10) #6. **OBD VIN Evaluation**

- Investigate accuracy of electronic VIN's contained in the OBD data



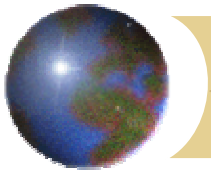
(11) #6. **Calibration ID Database**

➤ How useful?



Recommendations

- ✦ Develop letter to EPA and MSTRS to address the following:
 - ✦ Readiness
 - ✦ Tampering
 - ✦ Evaluation Study
 - ✦ Options for OBD Technical Group



Recommendations (continued)

- ✦ Conference call June 17, 2004
- ✦ Final letters to EPA/MSTRS by end of June
- ✦ OBD Technical Workgroup to meet in October 2004 at the CSU Mobile Source Conference