

SERVICE INFORMATION AVAILABILITY

OBD2K2 Conference
Weber State University
May 23, 2002

Background

- EPA requires auto manufacturers to make available to aftermarket service providers:
 - “any and all information needed to make use of the vehicle’s emission control diagnostic system”
- Original regs finalized in 1995
- New proposal issued June 8, 2001

Proposed Revisions

- Proposed revisions
 - Web based access to information
 - Access to OEM training
 - “Emissions-related” information
 - New technology for reprogramming
 - Scan tool information
 - Heavy-duty service information

Web Site Requirements

- Require OEMs to launch individual Web sites that have required information in full text
- Require information in full-text for 1996 and later model year vehicles
- Access information by Model, MY, key words/phrases, diagnostic procedures, VIN, fault codes

Web Site Requirements

- Web Site Performance
 - Performance = Availability
 - Propose 17 parameters to be measured by each OEM
 - Annual reports to Administrator

Web Site Requirements

- Options for access and cost caps for each
 - short-term: access for a period of 24 hours
 - \$0-\$50
 - mid-term: access for a period of 30 days
 - \$0-\$300
 - long-term: access for a period of 365 days
 - \$0-\$2500

Training Information

- Propose manufacturers do the following:
 - Manuals, videos, CD-ROMs, video tapes of Internet and satellite transmissions made available by OEMs for purchase on their Web sites
 - Provided to third party that delivers it to aftermarket

“Emissions-Related” Information

- Current definition - very broad and fairly comprehensive
- Proposed changes
 - Review/expand components/systems covered
 - generic operating parameters, drive cycles, diagrams
 - Must be able to program a new ECU/
reprogram existing ECU AND start the vehicle
(e.g., anti-theft systems)

Reprogramming

- “Pass through” reprogramming
 - allows aftermarket to purchase one tool for the purposes of reprogramming
 - SAE J2534 - an industry standard being developed cooperatively with auto industry, tool companies, and EPA

Scan Tools

- Make all OEM-specific diagnostic tools available for sale
- Make all generic and enhanced information available to tool companies

Heavy-duty Service Information

- Heavy-Duty is covered by CAA mandate
 - Propose that manufacturers of vehicles and engines up to 14,000 lbs be subject to the proposed requirements
 - Request comment on the appropriateness of the same requirements for light-duty and heavy-duty
 - Expect comments that indicate need for future rulemaking to address heavy-duty service sector

Next Steps

- Drafting of final rule
 - Summary and Analysis of Comments
 - Preamble
 - Regulatory language
- Timing
 - Final rule expected later summer/early fall of 2002

Contact Information

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- Web resources
 - Service Info page
 - www.epa.gov/otaq/vehserv.htm
 - OBD Page:
 - www.epa.gov/otaq/obd.htm