

Amendments to the California Motor Vehicle Service Information Rulemaking

January 22, 2004

Agenda Item No: 04-1-4

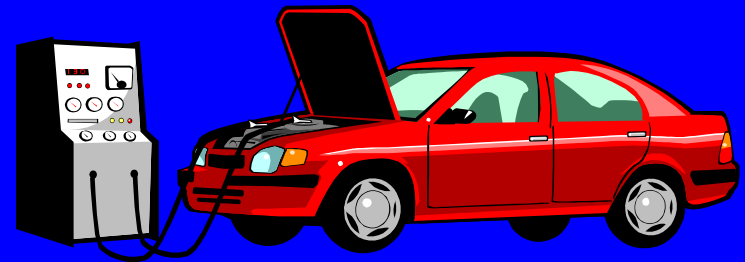
California Environmental Protection Agency



Air Resources Board

Senate Bill 1146

- **Enacted September 2000**
- **Addresses aftermarket's need for service information and tools**
 - **Stimulates competition**
 - **Provides greater choices for consumers**



Regulatory Background

- **Regulation Adopted December 2001**
- **Applies to 1994 and Later OBD II equipped passenger cars, light-duty trucks, medium-duty vehicles**
- **Requires use of Internet for information delivery**

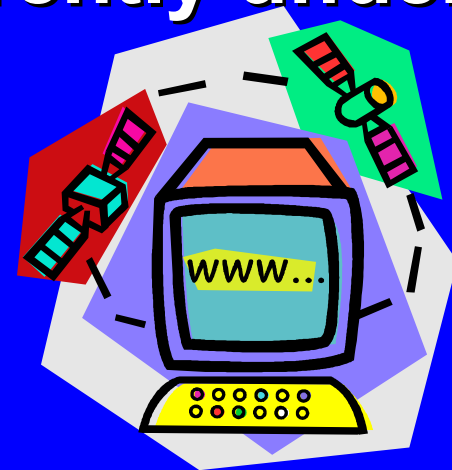
Requirement Overview

- **Service Manuals**
- **Technical Service Bulletins**
- **Wiring Diagrams**
- **OBD System Information**
- **Immobilizer information**
- **Diagnostic and reprogramming tools**

- **Requirements harmonized with amended U.S. EPA rule**

Implementation Status

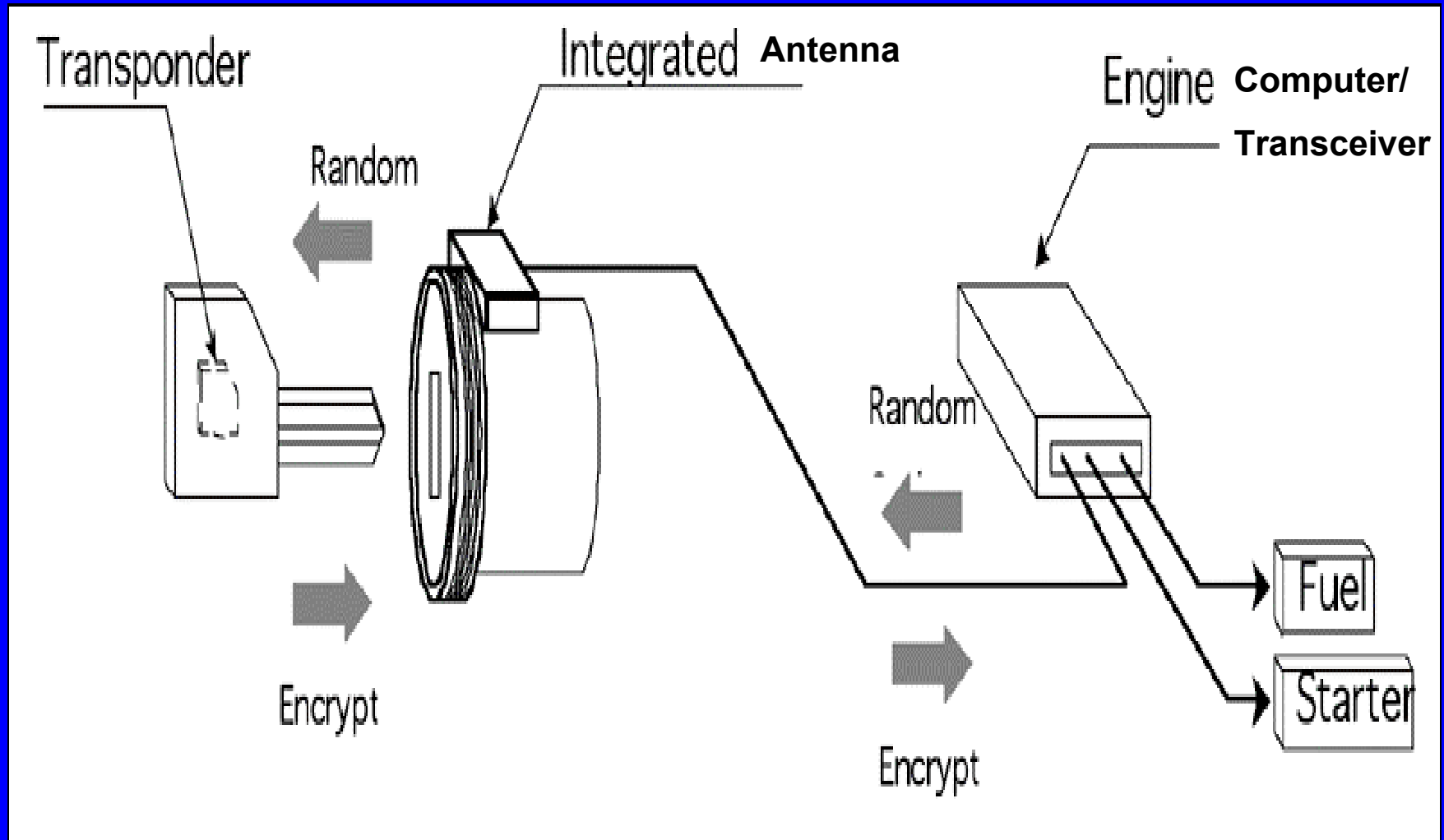
- **Manufacturers websites**
 - Online as of March 30, 2003
 - Complaints have been minimal
 - Good informal communication between manufacturers and covered persons
- **First annual reports currently under review**



Proposed Amendments

- **Immobilizers**
- **Heavy-Duty Vehicle Applicability**
- **Other Modifications**

Immobilizers



Immobilizer Information

- **Immobilizer systems complicate testing of remanufactured computers**
- **Immobilizer information access debated at 2001 Hearing**
- **Staff directed to work with stakeholders towards finding an acceptable solution**

Potential Solutions Identified

- **Black boxes**
- **Test calibrations**
- **Built in self-test algorithms (future vehicles)**
- **Adaptation of reinitialization procedures used by service technicians**

Staff Proposals

- **Adapting existing immobilizer service procedures considered best available solution for remanufacturers**
- **Current USEPA requirement expected to minimize bench test cost and time delay concerns**
- **Staff's proposed amendments incorporate federal language into California's regulation**

Heavy-Duty Vehicles

- **SB 1146 applies to all 1994MY and later vehicles equipped with OBD**
- **OBD Requirements for HD Vehicles currently under consideration**
- **Comprehensive service information necessary for HD vehicles meeting future standards**



Staff Proposal

- **Expand regulation to include OBD equipped HD vehicles**
- **Provisions proposed to address HD industry issues**
 - **required training for purchased HD tools**
 - **HD industry standards incorporated into regulation**

Environmental Impacts

- **Information availability =**
 - better emission-related repairs
 - lower repair costs
- **Properly maintained vehicles will maximize benefits of lower standards and OBD requirements**

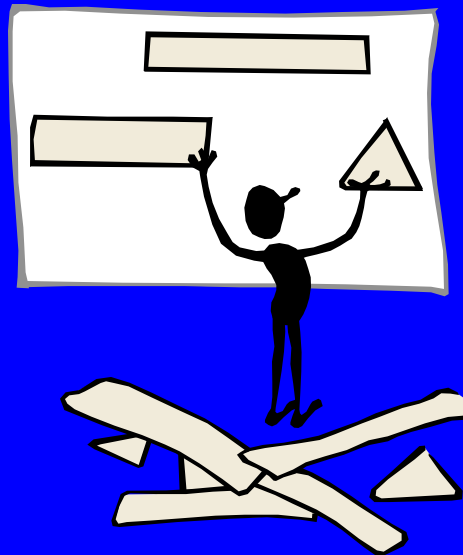


Economic Impacts

- **Heavy-duty manufacturers**
 - \$250k to \$750k to develop websites
 - \$125k to \$325k for yearly maintenance
- **Dealerships and service networks**
- **Aftermarket**

Other Modifications

- SAE J2534 Update
- OBD Drive cycles
- Emergency maintenance
- Acronym definitions



Conclusion

- **Proposed amendments are necessary and authorized under law**
- **Resolve issues from December 2001 hearing**
- **Adoption of amendments recommended**