instructions for making emission-related diagnosis and repairs, including, but not limited to, service manuals, technical service bulletins, recall service information, data stream information. bi-directional control information, and training information, unless such information is protected by section 208(c) as a trade secret. No such information may be withheld under section 208(c) of the Act if that information is provided (directly or indirectly) by the manufacturer to franchised dealers or other persons engaged in the repair, diagnosing, or servicing of motor vehicles or motor vehicle engines.

(2) Emission-related information includes, but is not limited to:

(i) Information regarding any system, component or part of a vehicle that controls emissions and any system, components and/or parts associated with the powertrain system, including, but not limited to, the fuel system and ignition system;

(ii) Information for any system, component, or part that is likely to impact emissions, such as transmission

systems; and

(iii) Any other information specified by the Administrator to be relevant for the diagnosis and repair of an emission failure found through the Inspection and Maintenance program, after such finding has been communicated to the

affected manufacturer(s).

- (3) All information required to be made available by this section shall be made available to persons referred to in this section at a fair and reasonable price, as determined by the Administrator. In reaching a decision, the Administrator shall consider all relevant factors, including, but not limited to, the cost to the manufacturer of preparing and/or providing the information, the type of information, the format in which it is provided, the price charged by other manufacturers for similar information, the differences that exist among manufacturers (e.g., the size of the manufacturer), the quantity of material contained in a publication, the detail of the information, the cost of the information prior to the effective date of this section, volume discounts, and
- (4) Any information which is not provided at a fair and reasonable price shall be considered unavailable.
- (5) By December 7, 1995, each manufacturer shall provide in a manner specified in paragraph (g)(9) of this section an index of the information required to be made available by this section for 1994 and later model year vehicles which have been offered for sale; this requirement does not apply to

- indirect information, including the information specified in paragraph (g)(10) of this section. This index shall:
- (i) Be updated on the first and third Monday of each month;
- (ii) Provide titles that either adequately describes the contents of the document to which it refers or provides a brief description of the information contained in that document; and
- (iii) Provide the cost of information and where it can be obtained.
- (6) For vehicle models introduced more than four months after the effective date of this section, manufacturers shall make the information required under this section available to persons specified in paragraph (g)(1) of this section at the same time it is made available to dealerships, except as otherwise specified in this section.
- (7) Each manufacturer shall maintain the index of information specified in paragraph (g)(5) of this section on FedWorld or other database designated by the Administrator. Manufacturers shall inform persons specified in paragraph (g)(1) of this section about the availability of the index in a manner prescribed by the Administrator.
- (8) Each manufacturer shall be responsible for paying its pro rata share of any costs associated with establishing and maintaining the index of emission-related service and repair information provided for in paragraphs (g)(5) and (g)(7) of this section.
- (9) Manufacturers or their designated distributors must mail requested information within one business day of receiving an order, and shall provide overnight delivery if the ordering party requests it and assumes the cost of delivery.
- (10) Åll emission-related data stream information made available to manufacturers' franchised dealerships (or others in the service industry) shall be made available to the persons indicated in paragraph (g)(1) of this section either through provision of manufacturer equipment and tools or through provision of such information to equipment and tool manufacturers.
- (11) Effective January 1,1997, a manufacturer shall only provide bidirectional control to its franchised dealerships if it provides equipment and tool manufacturers with information to make diagnostic equipment with the same bi-directional control capabilities available to the dealerships, or if it provides such capabilities directly to persons specified in paragraph (g)(1) of this section by offering for sale at a reasonable cost through manufacturer tools.

- (12) Manufacturers shall make data stream information and bi-directional control information available for all model years beginning with model year 1994 as specified in paragraphs (g)(10) and (g)(11) of this section. If a manufacturer can demonstrate, to the satisfaction of the Administrator, that safeguards for bi-directional controls are only installed in tools, not in vehicle on-board computers, then that manufacturer may receive a waiver from producing bi-directional controls for vehicles prior to the 1997 model year.
- (13) Effective December 1, 1997, manufacturers shall make available in the manner described in paragraph (g)(16) of this section to persons specified in paragraph (g)(1) of this section reprogramming capability for all emission-related reprogramming events (including driveability reprogramming events that may affect emissions) that were issued prior to December 1, 1997 by manufacturers and that were made available to any manufacturer dealerships for model years 1994 through 1997; and manufacturers shall make available to persons indicated in paragraph (g)(1) of this section in the manner described in paragraph (g)(16) of this section reprogramming capability for all emission-related reprogramming events (including driveability reprogramming events that may affect emissions) that are issued by manufacturers on or after December 1, 1997, for 1994 and later model years at the same time they are made available to dealerships.
- (14) For all vehicles, reprogramming need not be provided for any recalibrations performed prior to vehicles entering the stream of commerce (i.e., sale to first purchaser).
- (15) If a manufacturer can demonstrate, to the satisfaction of the Administrator, that hardware would have to be retroactively installed on vehicles to meet security measures implemented by the manufacturer, the manufacturer may receive a waiver from the requirements of paragraph (g)(13) of this section for model years 1994 through 1996.
- (16) Manufacturers shall either offer for sale at a competitive market price a reprogramming tool that interfaces with a substantial majority of generic portable computers or make available to aftermarket tool and equipment companies information that would enable them to manufacture such a tool. Any method adopted by a manufacturer by which reprogramming is made available to persons specified in paragraph (g)(1) of this section shall not impose a significant burden on such