

## Vehicle: All Technical Service Bulletins Emission Warranty Parts Coverage

Group Ref.: Warranty Administration

Bulletin No.: 470501

Date: June, 1994

### WARRANTY ADMINISTRATION

SUBJECT:  
EMISSION WARRANTY PARTS COVERAGE

MODELS:  
ALL PASSENGER CARS AND LIGHT DUTY TRUCKS

### EMISSIONS WARRANTY APPLICATIONS

The emissions systems and parts covered by the Federal and California Emissions Warranties are printed in warranty books and the GM Service Policies and Procedures Manual. Because of complexity and differences in the parts covered by the two emissions warranties, not all emission warranted parts have been printed under the systems headings in the owner warranty books. The complete Emissions Warranted Parts Listing is published in Article 1.2 of the GM Service Policies and Procedures Manual (see list).

Anytime there is a question concerning emissions warranty application, dealer/retailer personnel are to refer to the Emissions Warranted Part List in the GM Service Policies & Procedures Manual for the model year of the vehicle involved. After review of the GM Service Policies and Procedures Manual, if there is still a question, contact your appropriate divisional personnel for clarification.

Differences in the emissions warranted parts under Federal and California Emissions Warranties have been eliminated. Future editions of warranty and owner assistance information books will be revised to reflect the complete emissions warranted parts list.

### EMISSIONS-WARRANTED PARTS LIST AS PUBLISHED IN THE 1994 SERVICE POLICIES AND PROCEDURES MANUAL FOR LIGHT-DUTY VEHICLES

(This list is provided to assist service personnel with identifying parts that should be covered by the emissions warranties. If there are emissions-related parts that are not on this list, please contact your District Manager Service for guidance or refer to the applicable service policy and procedures manual for the model year vehicle involved.)

(\*) Designates 7/70,000 coverage on vehicles equipped with the California emissions option only.

#### 1. Engine Control System

Barometric Pressure Sensor

Camshaft Position Sensor

Coolant Fan Control Relay

Coolant Level Sensor

Crankshaft Position Sensor

Data Link Connector

Engine Control Module

Engine Coolant Temp. Sensor

Fast Idle Solenoid

Flexible Fuel Sensor

Intake Air Temperature Sensor

Malfunction Indicator Lamp  
Manifold Absolute Pressure Sensor  
Manifold Differential Pressure Sensor  
Mass Air Flow Sensor (\*)  
On-Board Diagnostic System  
Oxygen Sensors  
Park/Neutral Position Switch  
Powertrain Control Module  
Programmable Read Only Memory PROM  
Thermal Vacuum Valves  
Throttle Position Sensor  
Throttle Position Switch  
Torque Converter Clutch Switch  
Torque Converter Clutch Solenoid Valve  
Transmission Speed Sensors  
Vacuum Sensor (\*)  
Vehicle Control Module Vehicle Speed Sensor

2. Fuel Management System Altitude Fuel Limiter (Diesels)

Central Port Injector Assembly  
Diesel Fuel Injection Pump  
Diesel Fuel Inj. Pump Timing Adj.  
Flexible Fuel Control Module  
Fuel Injection Nozzles  
Fuel Injectors  
Fuel Pressure Regulator Fuel Rail (\*)  
Glow Plugs (Diesels)

3. Air Management System Air Cleaner (\*)

Air Cleaner Diaphragm Motor  
Air Cleaner Resonator  
Air Cleaner Temp. Compensator Valve  
Air Intake Ducts  
Charge Air Control Components

Charge Air Control Actuator  
Charge Air Control Solenoid Valve  
Charge Air Control Valve  
Charge Air Cooler  
Charge Air Cooler Fan  
Engine Air Heat Stove  
Idle Air Control Motor  
Idle Air Control Valve  
Idle Speed Control Motor Intake Manifold (\*)  
Intake Manifold Tuning Valve  
Intake Manifold Tuning Valve Relay Supercharger (\*)  
Supercharger Bypass Valve Actuator Supercharger Bypass Valve  
Thermal Vacuum Valve  
Throttle Body (\*)  
Throttle Body Heater Throttle Closing Dashpot  
Turbocharger (\*)  
Turbocharger Oil Separator  
Turbocharger Thermo Purge Switch

4. Ignition System Distributor (\*)

Distributor Cap  
Distributor Ignition Control module  
Distributor Pick Up Coil Distributor Rotor  
Ignition Coil  
Ignition Control Module Ignition Timing Adjustment  
Knock Sensor System  
Knock Sensor System Override Sw.  
Knock Sensors  
Spark Plug Wires  
Spark Plug (only up to first specified replacement interval)

5. Catalytic Converter System Catalytic Converters

Exhaust Manifold (\*)  
Exhaust pipes between converters and exhaust manifold

6. Positive Crankcase Ventilation System Crankcase Depression Regulator Valve (Diesels)

Oil Filler Cap PCV Filter

PCV Oil Separator

PCV Valve

7. Exhaust Gas Recirculation System EGR Control Valves

EGR Passages

EGR Temperature Sensor

EGR Thermal Vacuum Valve EGR Valve

EGR Valve & Exhaust Press. Reg. Solenoid Valve (Diesels)

SEGR Valve Relay

Exhaust Backpressure Transducer

Exhaust Pressure Regulator Valve and Actuator (Diesels)

8. Secondary Air Injection System Bypass Valve

Catalytic Converter Secondary Air Injection Check Valve

Catalytic Converter Air Suction Valve (Prizm) Check Valves

Deceleration Valve

Pump

Pump Belt

Switching Valves

Vacuum Delay Valve

9. Evaporator Emission Control System (Gasoline Engines)

Canister

Canister Control Valve

Canister Purge Solenoid Valve

Canister Purge Thermal Vacuum Valve

Fuel Feed and Return Pipes & Hoses Fuel Filler Cap

Fuel Tank Flr Pipe with restrictor

Fuel Tank Pressure Control Valve

Fuel Tanks (\*)

10. Miscellaneous Items Used In Above Systems

Actuators                      Pipes

Belts                              Pulleys

Clamps

Relays

Connectors

Sealing Devices

Ducts

Sensors

Fittings

Springs

Gaskets

Switches

Grommets

Tubes

Hoses

Valves

Housings

Wiring

Mounting Hardware