

RECALL 561 - 4.0L ENG. FED. VEHICLES - OXYGEN SENSOR

1988 Jeep Cherokee

EMISSION RECALL BULLETIN

EMISSIONS RECALL #561 - OXYGEN SENSOR

Model(s): 1987-90 (XJ) Jeep Cherokee, Wagoneer
1987-90 (MJ) Jeep Comanche
Bulletin No.: 561
Date: October, 1993

NOTE: This is an Emission Recall bulletin.

VEHICLES AFFECTED

1987-90 Jeep Cherokee and Wagoneer (XJ); and Comanche (MJ) vehicles equipped with a 4.0L engine and located outside of California.

SERVICE INFORMATION

Failure of the oxygen sensor on the listed models, may cause a vehicle to be in violation of Federal Emissions Standards. To correct the condition, the oxygen sensor must be replaced with an improved design sensor.

Details of this service action are explained in the following sections.

SERVICE PROCEDURE VIDEOTAPE

No videotape of the service procedure for this recall will be provided.

DEALER NOTIFICATION & VEHICLE LIST

INVOLVED DEALERS

Each dealer to whom involved vehicles were invoiced (or the current dealer at the same street address) will receive a copy of this dealer recall notification letter and a list of the involved vehicles by first class mail.

The Vehicle List is arranged in Vehicle Identification Number (VIN) sequence. Owners known to Chrysler are also listed. The lists are for dealer reference in arranging for service of involved vehicles.

ALL DEALERS

Each Jeep & Eagle dealer will receive a copy of this dealer recall notification letter by first class mail.

DIAL SYSTEM FUNCTION 70

All involved vehicles will be entered to DIAL System Function 70 at the time of recall implementation for dealer inquiry by VIN as needed.

PARTS INFORMATION

IMPORTANT: A quantity of parts will be distributed initially and billed to all involved dealers. This quantity will cover a portion of the total vehicles involved. Additional parts will be supplied as indicated in the Special Parts Supply Message with this notification letter.

Each involved dealer, to whom vehicles in the recall were invoiced (or the current dealer at the same street address), will receive enough Oxygen Sensor Packages, Recall P/N C3905610, to service 25% of those vehicles (minimum of 5 and maximum of 20 packages).

Each uninvolved dealer will receive 5 parts packages to service vehicles upon request.

Each parts package contains the following components:

PARTS INFORMATION

PARTS INFORMATION TABLE

Description	Qty.
Oxygen Sensor	1
Instruction Sheet	1

OWNER NOTIFICATION & SERVICE SCHEDULING

All involved vehicle owners known to Chrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for the service with their dealers at the earliest possible date. A copy of the CUSTOMER NOTIFICATION LETTER is in this bulletin.

Enclosed with each owner notification is an Owner Notification Form. The involved vehicle and recall are identified on the form for owner or dealer reference as needed.

SERVICE PROCEDURE

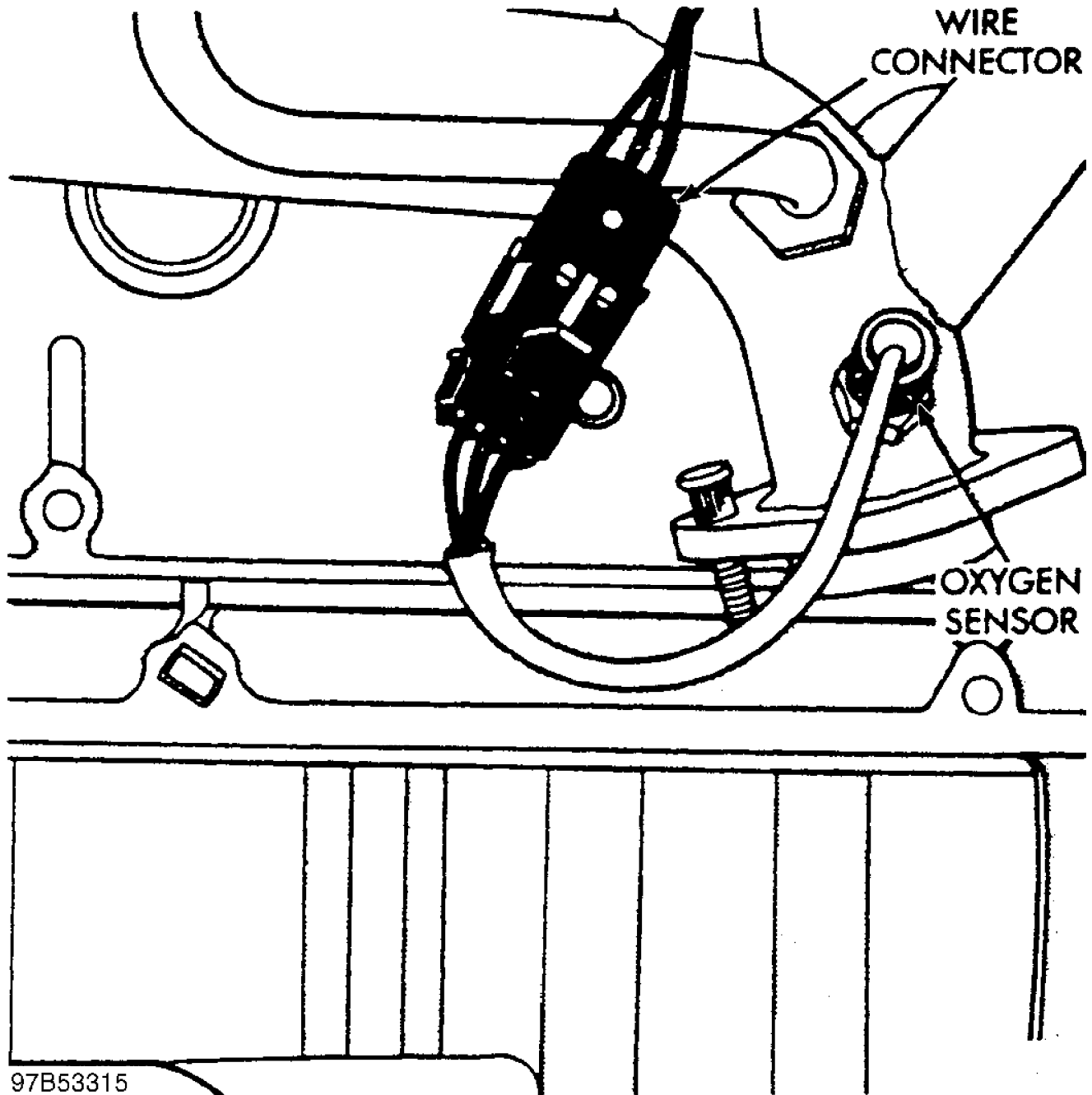
A. OXYGEN SENSOR INSPECTION

1. Raise Vehicle on a hoist and locate oxygen sensor in exhaust manifold as shown in Fig. 1.
 - a. If the oxygen sensor has a metal stone shield around the sensor body continue with Step B.
 - b. If the sensor does not have a stone shield, a new sensor has already been installed and no further service is required.

WARNING: Exhaust manifold becomes very hot during engine operation. Allow engine to cool before removing oxygen sensor.

1. Disconnect the oxygen sensor electrical connector.
2. Remove oxygen sensor using a crowfoot socket.
3. Clean exhaust manifold threads.

4. Install provided oxygen sensor (P/N C3905610). Tighten to 30 N.m (22 ft-lb).
5. Connect oxygen sensor connector.
6. Lower vehicle.



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Fig. 1: Wire Connector & Oxygen Sensor - Location

CUSTOMER NOTIFICATION LETTER

EMISSIONS RECALL - OXYGEN SENSOR REPLACEMENT

Dear Chrysler Vehicle Owner:

Chrysler Corporation and the Environmental Protection Agency has determined that the oxygen sensor on certain Cherokee, Wagoneer and Comanche models may be susceptible to failure. Failure of the oxygen sensor may cause your vehicle to be in violation of Federal Emissions Standards. For this reason, we are asking you to return your vehicle, identified by the Vehicle Identification Number on the enclosed form, to your dealer for a special service repair. This service will be provided free of charge.

The needed instructions have been sent to all involved dealers. The service will not hurt your engine performance or fuel economy. To obtain this service:

- * Contact your Jeep/Eagle dealer as soon as possible to make an appointment for the free service.
- * Take the enclosed Owner Notification Form with you at the time of your appointment and give it to your dealer. The form identifies the vehicle and recall for which service is required.
- * The dealer will inspect and replace the oxygen sensor if necessary. The service will take about one-half hour, but additional time may be required depending on how service appointments are scheduled and processed.

In order to ensure your full protection under the emission warranty made applicable to your vehicle under Federal law, and your right to participate in future recalls, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could legally be determined to be a lack of proper maintenance of your vehicle. Further, without this repair your vehicle may fail a state or local emission inspection test.

If you have any problem obtaining the service, please contact the Chrysler Zone Service Office in your area. (It is listed under "Service Assistance" in your Owner's Manual.) A Zone representative will arrange for prompt servicing of your vehicle. If you are still unable to obtain the repair as described in this letter within a reasonable time, you may also contact the Manufacturers Operations Division of the Environmental Protection Agency (6405d), 401 M Street S. W., Washington, D. C. 20460.

We regret any inconvenience this action may cause, but trust you understand our interest in clean air and in your continuing satisfaction with our product. Thank you for your prompt attention to this important matter.

Customer Services Field Operations
Chrysler Corporation

COMPLETION REPORTING & REIMBURSEMENT

Claims for vehicles which have been serviced must be submitted on the DIAL System. Claims submitted will be used by Chrysler to record recall service completions and provide dealer payments.

Use ONE of the following labor operation numbers and time allowances:

Labor Operation No.: 25561181 - Inspect Oxygen Sensor
Time Allowance: 0.2 hr.

Labor Operation No.: 25561182 - Replace Oxygen Sensor
Time Allowance: 0.3 hr.

Add the cost of the recall parts package plus applicable dealer allowance to your claim.

Parts Return

Initially, a small number of oxygen sensors are required to be returned to the Warranty Material Return Center. When an adequate number of returned parts have been accumulated, Parts Return Documents will no longer be generated and parts are to be discarded.

NOTE: See Warranty Policy and Procedure Manual, Chapter 6, Subsection H for complete recall claim processing and material return instructions.

Vehicle Not Available

If a vehicle is not available for service for a known reason, let us know by filling out the pre-addressed Vehicle Disposition Form portion of the Owner Notification Form or describe the reason on a postcard and mail to:

Chrysler Corporation 429-10-04
P.O. Box 1919
Detroit, Michigan 48231-1919

Following the above procedures will expedite the processing of your claim.

If you have any questions or need assistance in completing this action, please contact your Zone Service Office.