

Technical Service Bulletin # TS85112

Recall - Emissions/Ignition System modifications TS85-112

November 21, 1985

Emission Control

SPECIAL SERVICE CAMPAIGN 1982 280ZX NON-TURBOCHARGED

VEHICLES REGISTERED IN CALIFORNIA

INTRODUCTION

This bulletin describes procedures for the replacement of the exhaust gas Sensor and the distributor vacuum controller on 1982 280ZX (S130) Non-Turbocharged vehicles. This campaign will be limited to those vehicles which are presently registered in the state of California.

BACKGROUND

Nissan has determined that operating conditions have caused unexpected emission control deterioration. As a result, the exhaust gas sensor and distributor vacuum controller should be replaced in order to reduce exhaust emissions on the 1982 280ZX non-turbo vehicles being operated in California.

Nissan will notify all owners of the affected vehicles by letter. They will be asked to bring their vehicle to a Nissan dealer for free replacement of the exhaust gas sensor and the distributor vacuum controller.

A copy of the owner's letter is shown on page 5/5 of this bulletin.

Nissan has undertaken this Voluntary Service Campaign to assure that these vehicles do not emit pollutants in excess of California emission standards.

AFFECTED MODELS

All 1982 280ZX Non-Turbocharged vehicles which are presently registered in the State of California. This includes vehicles which were originally registered in another state but are now registered in California. Vehicles presently registered in other states are not involved in this campaign.

1. DEALER RESPONSIBILITY

The dealer is responsible for replacing the exhaust gas sensor and the distributor vacuum controller on each vehicle which falls within the range of this campaign. This includes vehicles purchased from private parties, presented by transient California owners and vehicles on dealer used car lots.

2. The dealer must install the underhood label (Figure 1) next to the existing Emission Control Information label when the correction has been completed.

1982 280ZX (S130) EXHAUST GAS SENSOR & DISTRIBUTOR VACUUM CONTROLLER SERVICE CAMPAIGN

This vehicle has been modified as described in Nissan Technical Bulletin EC85-008 (TS85-112), NMC/USA.
NISSAN MOTOR CO., LTD.



FIGURE 1

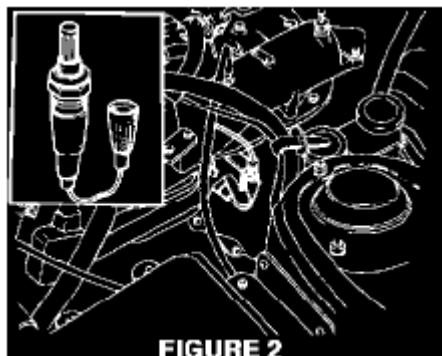
PARTS INFORMATION

Each vehicle corrected will require one sensor and one vacuum controller. Dealers should order parts through the normal parts distribution system in anticipation of their local demand.

DESCRIPTION	PART NUMBER
Exhaust Gas Sensor	2690-F5300
Vacuum Controller	22301-P7901

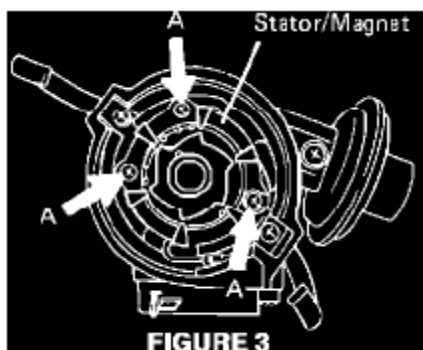
Service Procedure

- I. Replace the exhaust gas sensor with new sensor (Figure 2).

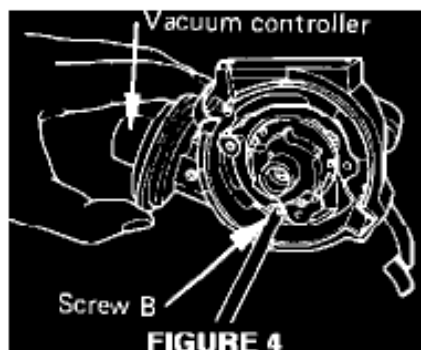


- II. Replace the distributor vacuum controller using the following procedures

1. Disconnect the vacuum hose from the controller.
2. Remove the distributor cap.
3. Remove the rotor head.
4. Remove the three screws 'A' (Figure 3) and pull out the stator and magnet.

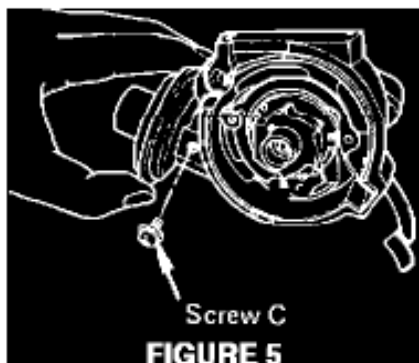


5. Remove screw 'B' which is connected to the vacuum controller (Figure 4).

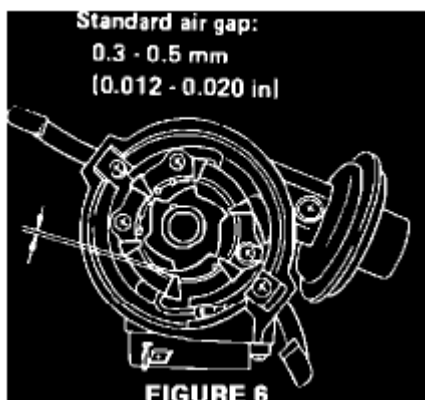


CAUTION: Be careful not to drop the spring washer. When lifting screw 'B', use needle nose pliers.

6. Remove the vacuum controller mounting screw 'C' and then pull out the vacuum controller (Figure 5).



7. Install the new vacuum controller, but do not install mounting screw 'C'.
8. Install and tighten screw 'B'
9. Reinstall the magnet and stator, then tighten the three mounting screws 'A'.
10. Turn the magnet by sliding the vacuum controller in and out. Check the clearance between magnet and each reluctor tip (Figure 6)



11. If the clearance is not even, adjust the magnet and then re-tighten the screws 'A'.
12. Reinstall vacuum controller mounting screw 'C' and securely tighten.
13. Reinstall the rotor.
14. Reinstall the distributor cap.
15. Reconnect the controller vacuum hose.
16. Check and adjust the ignition timing and idle speed to the specifications below.

M/T -8~ B.T.D.C. at 700 rpm

A/T -8~ B.T.O.C. at 700 rpm (Shift lever in D range)

- III. Install the campaign completion label next to the Emission Control Information label on the underside of the hood.

Warranty Instructions

A service campaign claim may be entered via DATANET. A peel-off label, imprinted with the owner's name, address, vehicle identification number, campaign description and PNC is included in the owner's notification package. Remove this label and apply it directly to the repair order to save the service writer's time and ensure accurate, readable information for claim submission. Dealers who are not yet on DATANET should submit a standard S-1-S warranty claim.

WARRANTY CLAIM INFORMATION

Enter the DATANET claim, or type the S-1-S claim, using the following information:

CS	PNC	CT	OP CODE	FLAT RATE
9Y	R5061	99	R50610	0.7/hr.

OWNER LETTER FOR 1982 280ZX CALIFORNIA VOLUNTARY SERVICE CAMPAIGN

Dear Datsun Owner:

Our records show that you are the owner of a 1982 Datsun 280ZX. Nissan Motor Co., Ltd., the manufacturer of Datsun vehicles, has determined that operating conditions have caused unexpected emission control deterioration. As a result, the exhaust gas sensor and the distributor vacuum controller should be replaced in order to reduce exhaust emissions for 1982 280ZX vehicles being operated in the state of California. Nissan has undertaken this Voluntary Service Campaign to assure that your vehicle does not emit pollutants in excess of California emission standards.

All authorized Nissan dealers in California have replacement parts and service instructions. Please make an appointment with the dealer of your choice for this service. This modification will take approximately forty-five minutes and will be performed at no charge to you.

These changes will have a negligible effect on your vehicle's fuel economy and driveability. As you probably know, the State of California requires that in certain parts of the state every vehicle must pass an emission test every two years and before it is sold. Without the free service we are providing, your vehicle may be more likely to fail the test.

Please bring this notice with you when you keep your service appointment as it contains pre-printed claim information which will assist the dealer. If the dealer fails, or is unable to make the necessary repairs free of charge, you should immediately contact the Consumer Relations Office at the appropriate Regional Office listed in the front of the Warranty Booklet.

Or, you may contact the National Consumer Relations Office,

Nissan Motor Corporation in U.S.A. at P.O. box 191, Gardena, California 90247, phone number (213) 532-3111.

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