



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

DOT Auto Safety Hotline
Vehicle Owner's Questionnaire
To Report Vehicle Safety Defects
1-888-DASH-2-DOT
(1-888-327-4236)
INTERNET:www.nhtsa.dot.gov/hotline

FOR AGENCY USE ONLY 100148

Date Received

OCT - 6 2006
11-SEP-2006

Repository ☐

Reference No.
10167889

OWNER INFORMATION (Type or Print)

Name ☐

Address ☐

City DALY CITY

State CA

Zip Code ☐

Daytime Telephone Number ☐

E-mail Address ☐

Evening Telephone Number ☐

Do you authorize NHTSA to provide a copy of this report to the manufacturer of your vehicle? ☒ YES ☒ NO
In the absence of an authorized signature, provide your name or address to the vehicle manufacturer.
Signature of Owner ☐ Date 9 / 6 / 06

VEHICLE INFORMATION

17 digit Vehicle Identification Number Located at bottom of windshield on driver's side
1YVGF22C225 ☐

Make
MAZDA

Model
MAZDA6

Model Year
2002

Date Purchased
30-JUL-03

Dealer's Name and Telephone Number
HERTZ USED CAR SALES (510) 728-9880

Engine:
No: Cylinders 4

Fuel Type:
Gas

Original Owner
☐

Dealer's City
HAYWARD

State
CA

Zip Code ☐

Transmission Type
AUTOMATIC

☒ Antilock Brakes
☒ Cruise Control

Powertrain
FRONT WHEEL DRIVE

Vehicle Component Code
103000 POWER TRAIN:AUTOMATIC TRANSMISSION

Multiple Failure: 2

FAILED COMPONENT(S)/PART(S) INFORMATION

Incident Date(s)
11-SEP-2006

Failure Mileage
104000

Failure Speed
65

Transmission

ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE

Tire Make

Tire Model (Name or Number)

Tire Size (Example P215/65R15)

DOT No. (Example: DOTM19ABC036)

☐ Original Equipment
☐ Prior Repair

Failure Location:

Tire Component Code

Tire Failure Type

ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE

Make:

Date Manufactured:

Model No./Name:

Seat Type:

Installation System:

Child Seat Component Code:

Failed Part:

APPLICABLE INCIDENT INFORMATION

(Please describe in detail the incident(s), failure(s), crash(es), and injury(ies).)

Crash

☐ Yes ☒ No

Fire

☐ Yes ☒ No

Number of Persons Injured

Number of Deaths

Reported to Police

N

Narrative Description of Incident(s), Crash(es), and Injury(ies):

Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e., parts repaired or replaced (and if old part is available).

DT*: THE CONTACT STATED WHILE TRAVELING 65 MPH, THE OVERDRIVE LIGHT FLASHED ON AND OFF, THEN THE TRANSMISSION FAILED. THE VEHICLE WAS TOWED TO AN INDEPENDENT REPAIR SHOP WHO INSTALLED A TRANSMISSION KIT. THE SAME PROBLEM OCCURRED A SECOND TIME AND THE SAME REPAIR SHOP DETERMINED A REBUILT TRANSMISSION SHOULD BE INSTALLED.

Transmission overheats when driven in hot weather causing parts to melt-down. This is due to Mazda installing a Ford Transmission that is smaller than required for this model. Mazda dealers recommend installing an external cooler or transmission will fail again & again.

Include, if available: Police/Fire Department Report, Photos, and Repair Invoice.

ATTACH ADDITIONAL SHEETS IF NECESSARY

The Privacy Act of 1974-Public Law 93-579 This information is requested pursuant to authority vested in the National Highway Traffic Safety Act and subsequent amendments. You are under no obligation to respond to this questionnaire. Your response may be used to assist the NHTSA in determining whether a Manufacturer should take appropriate action to correct a safety defect. If the NHTSA proceeds with administrative enforcement or litigation against a manufacturer, your response, or a statistical summary thereof, may be used in support of the agency's action.

Service Bulletin

SB034465
Mazda North American Operations
Irvine, CA 92618-2922



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mazda

Subject:

OD OFF LIGHT FLASHING AND DTC P1783

Bulletin No: 05-005/02

Last Issued: 5/21/2002

Recd

NOT 02 2002

APPLICABLE MODEL(S)/VINS

All 1998 -2001 626 4 cyl. with automatic transmission and VINs lower than 1YVGF22C*15237083 and 1YVGF22E*15237083.

DESCRIPTION

Some vehicles may exhibit an OD OFF light flashing with DTC P1783 stored in memory after driving at highway speeds for extended periods. There may also be ATF leaking from the transmission vent tube onto the air cleaner box as well as intermittent hard shifting. These symptoms may be caused by operating conditions that cause the ATF temperature to exceed 135 degrees C (275 F). This concern is most likely to occur after extended periods of highway driving when air temperature exceeds 100 degrees F.

Customers having this concern should have their vehicle repaired using the following procedure.

REPAIR PROCEDURE

1. Review customer concern.
2. Retrieve any DTCs stored in memory.
 - If DTC P1783 is present or customer complaint closely matches description above, proceed to External ATF Cooler Kit Installation procedure in this bulletin.
 - If OD OFF light is flashing with a DTC other than P1783, or the customer complaint does not match description above, continue diagnosing concern according to Workshop Manual (section 05-02A).

NOTE: The OD OFF light (indicating DTC P1783) will no longer flash after the first key cycle, when the ATF temperature has dropped below the 135 degree C (275 F) level, which triggered the DTC.

External ATF Cooler Kit Installation

1. Disconnect negative battery cable.
2. Remove left side splash shield.
3. Remove front bumper cover and bumper according to Workshop Manual (section 09-10-5).

NOTE: It is necessary to remove the bumper to gain access to the bracket installation hole according to STEP 3 of the Oil Pipe Bracket Installation procedure in this bulletin.
4. Remove plastic seal plate at the left side of the bumper and replace with modified part from External ATF Cooler kit.

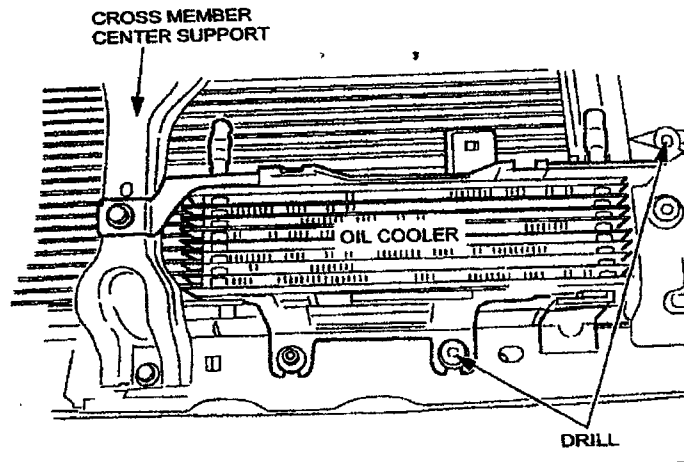
CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership.

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5. Drain engine coolant and remove radiator according to Workshop Manual (section 01-12-4).

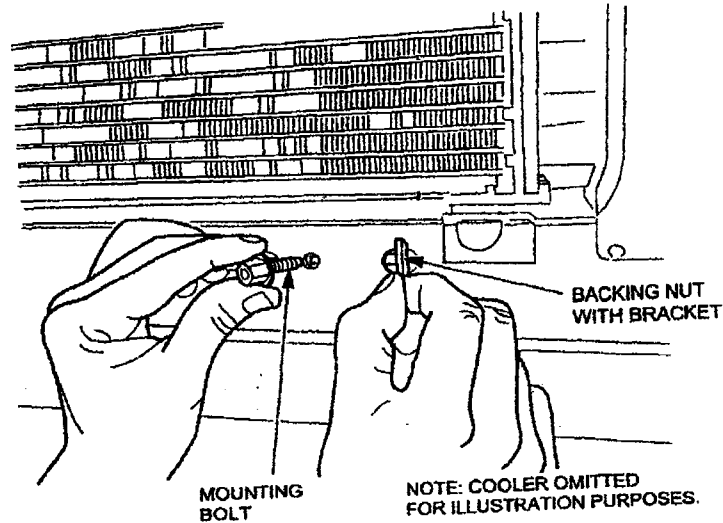
CAUTION: Radiator **MUST** be replaced with modified part from External ATF Cooler kit. Failure to replace radiator may result in transmission failure.

6. Temporarily install oil cooler into position at left front of vehicle.
7. Align mounting tabs on left side of cooler with existing mounting holes located on cross member center support for hood latch.



8. Install two(2) 6x25mm bolts and temporarily tighten.
9. Using a center punch, make a mark at the center of the two remaining mounting tab holes.
10. Remove two(2) 6x25mm bolts (installed in STEP 8) and oil cooler.
11. Using a 7mm (9/32") drill bit, drill 2 holes in the mounting locations marked in STEP 9.
12. To prevent rust, apply a small amount of silicone or anti corrosion to the holes.
13. Reinstall oil cooler.

14. Install lower right mounting bolt using backing nut with L shaped bracket by inserting the nut through the slot to the right of the mounting hole.



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15. Install upper right mounting bolt using one of the 6mm flange nuts.

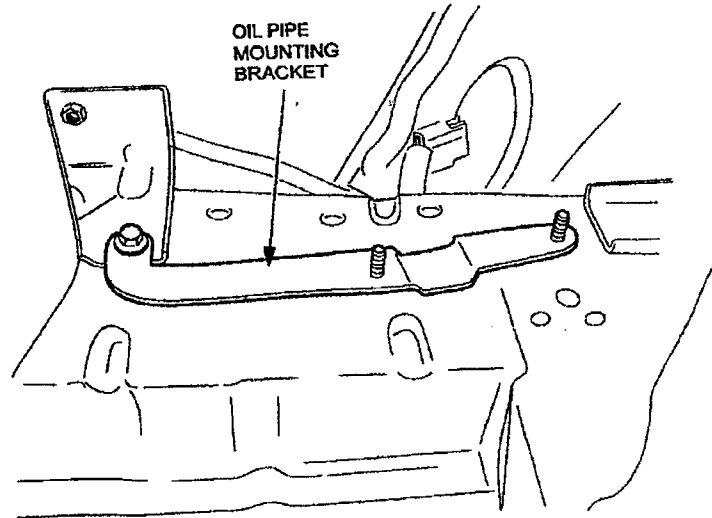
NOTE: On 2000-01 model year vehicles, install the left side mounting tab to the center stay using a 25mm bolt.

On 1998-99 model year vehicles, do not install the left side mounting bolt at this time. A longer 35mm bolt will be installed with the bumper cover in a later step.

16. Proceed to Oil Pipe Bracket Installation procedure.

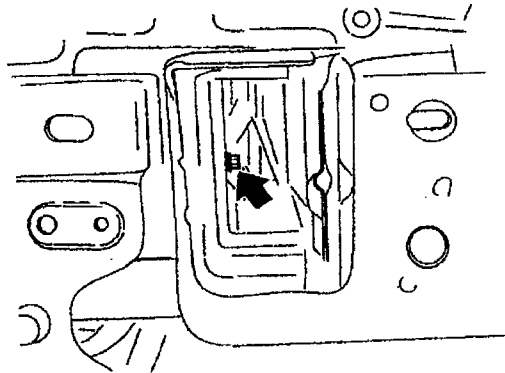
Oil Pipe Bracket Installation

1. Remove lower left battery tray mounting bolt.
2. Position oil pipe mounting bracket so that mounting hole lines up over battery tray mounting hole and single large stud fits through hole in body on right side.



3. Reach through opening at front of body to install one 8mm washer and nut.

WARNING: To avoid injury, be careful when inserting hand through opening in front of body. This area contains sharp edges.



4. Proceed to Oil Pipe Assembly Installation procedure.

THE ATTACHMENTS TO THIS
DOCUMENT HAVE BEEN REMOVED
TO PROTECT UNWARRANTED
INVASION OF PERSONAL PRIVACY
PURSUANT TO EXEMPTION 6 OF
THE FREEDOM OF INFORMATION
ACT (FOIA), 5 U.S.C. 552(b)(6).