

SERVICE BULLETIN

APPLICABILITY

1990-1991 LEGACY MODELS EXCEPT TURBO

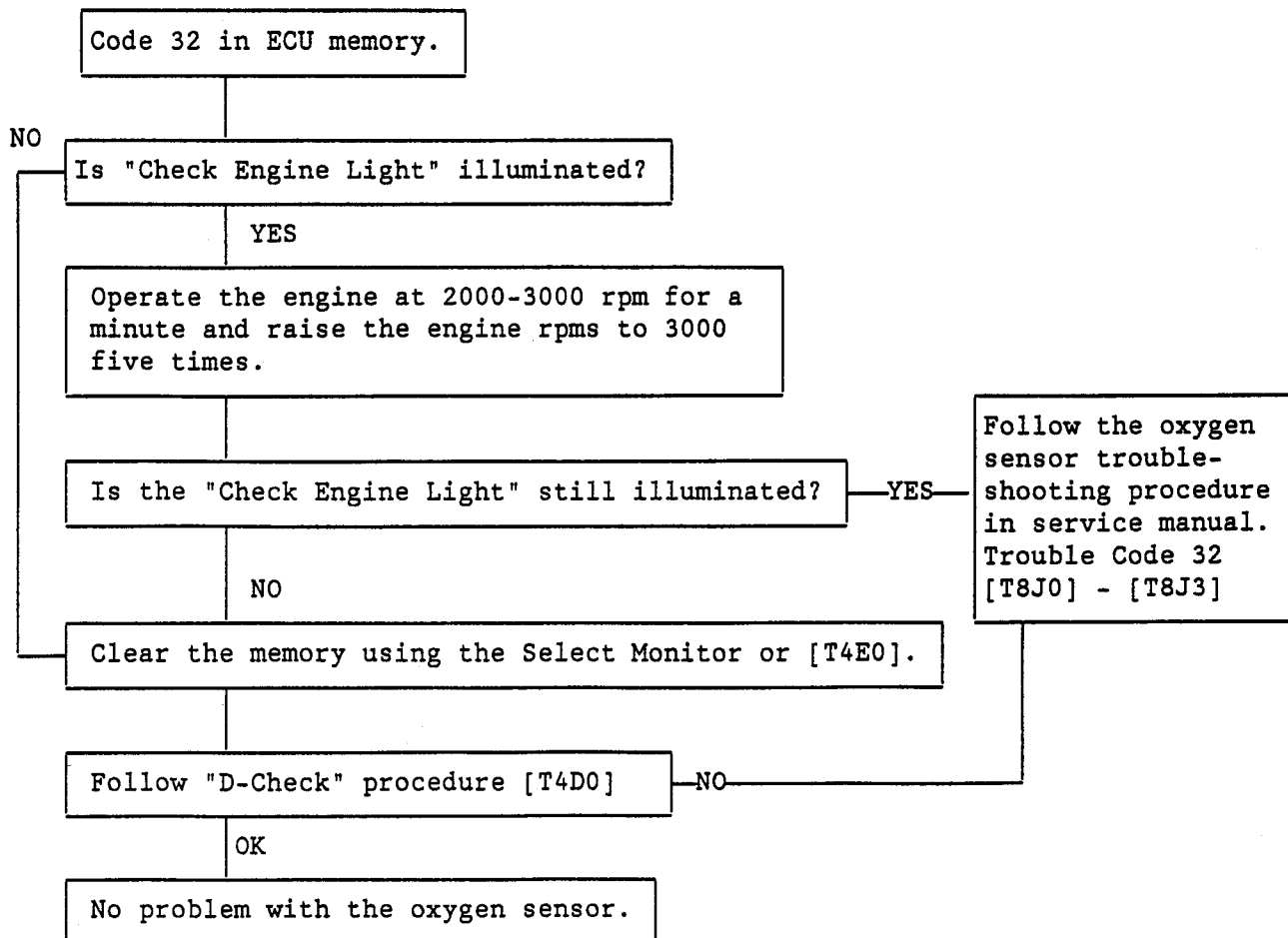
DATE

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SUBJECT:

**CHECK ENGINE LIGHT MOMENTARY ILLUMINATION
TROUBLE CODE "32" OXYGEN SENSOR IN MEMORY**

Some 1990/91 Model Year non-turbo Subaru Legacy vehicles may experience water intrusion into the inside of the oxygen sensor from situations such as driving through standing water. This may result in the oxygen sensor not operating momentarily. Under this condition the electronic control unit (ECU) identifies and stores an oxygen sensor failure code and illuminates the "CHECK ENGINE" light. During continued vehicle operations the entrapped water is vaporized and is emitted into the atmosphere, which results in the oxygen sensor reverting to normal operating condition and the "CHECK ENGINE" light being turned off. The "false" failure code is retained in the ECU memory. Use the following trouble tree to identify the trouble code causes.



CAUTION

VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition. Impreza is a Trademark and Legacy, Justy, Loyale and Subaru SVX are Registered Trademarks.