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SUBARU[®]

QUALITY DRIVEN[®] SERVICE

SERVICE BULLETIN

APPLICABILITY: 2000MY and Later Legacy/Outback
 2.5L SOHC Vehicles
 1999MY and Later Impreza and
 Forester 2.5L SOHC Vehicles

NUMBER: 07-60-07R
DATE: 04/25/07

SUBJECT: Ignition Coil and High Tension Cables

INTRODUCTION

When diagnosing for misfire code(s) P0301, P0302, P0303 and/or P0304 there is the possibility that the ignition coil and/or high tension cables could be the cause. In addition to the information published in the service manual, use the following procedure to check the ignition coil and high tension cables.

PRODUCTION LINE CHANGE

The new style high tension cables have been used in production with the following VINs.

MODEL	STARTING VIN (APPROXIMATE)
Impreza Sedan	6*509881
Impreza Wagon	6*807155
Forester	6*739537

**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.

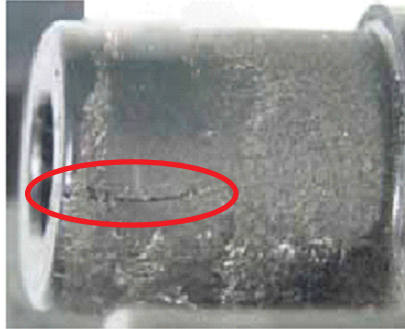


REPAIR PROCEDURE/INFORMATION

Step 1) Ignition Coil Inspection

Check the tower portion of the ignition coil for carbon tracks (leakage). If leakage is more than 5mm long, the ignition coil and high tension cables should be replaced (see Figure 1).

FIGURE 1

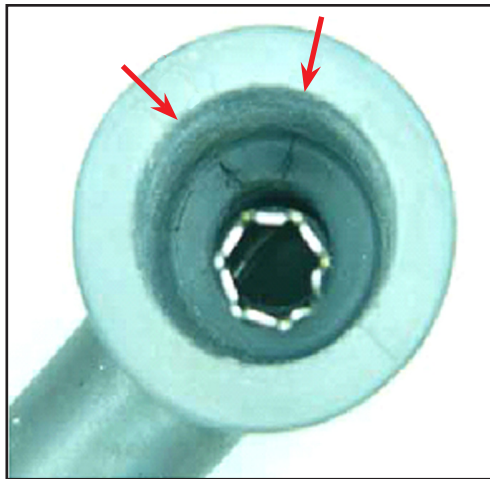


Example of leakage on ignition coil tower.

Step 2) High Tension Cable Inspection

Check the high tension cables for carbon tracks (leakage). If leakage is evident, the high tension cables should be replaced and the ignition coil cleaned (see **Figure 2** and refer to **Step 3**).

FIGURE 2



Leakage on cable.

Step 3) Ignition Coil Cleaning Procedure (if carbon track is less than 5mm)

- If there is any evidence of carbon, clean the surface of the ignition coil using a clean, soft rag dampened with water.
- Permit the ignition coil to dry.
- Clean the same area of the ignition coil using a clean soft rag dampened with Isopropyl alcohol.
- Permit the ignition coil to dry.

Note: Do not insert the high tension cables until the ignition coil is dry.

PART INFORMATION

The high tension cables for Impreza and Forester have changed to a silicone rubber boot which has a shiny appearance. Please note that the part numbers have not changed. The Legacy and Outback high tension cables also have a silicone rubber boot.



New Style (C)



Old Style (ADI)