

July 24, 2014

BTB 21394-51940 (1407) REV-1

MIL Comes On With DTC P1441

Supersedes 00-003 dated June 5, 2000; see revision summary

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
1998-99	SLX	ALL	ALL

REVISION SUMMARY

The PGM Tester and the Smart Cable and software to reprogram Acura SLX vehicles are no longer available. Some generic scan tools may still apply; if you need to update the PCM, you will need to send it to the vendor for reprogramming.

SYMPTOM

The MIL comes on and DTC P1441 (EVAP system flow during non-purge) is set.

POSSIBLE CAUSES

The PCM software does not compensate for signal variation in the fuel tank pressure sensor when fuel sloshes in a nearly full fuel tank.

CORRECTIVE ACTION

Replace the 20-to-120-ohm fuel sending unit with an 80-to-290-ohm unit and have the PCM updated.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
310121	Replace fuel sending unit.	0.7	00-003A	8-16244-059-0

Defect Code: 091

Symptom Code: C99

Skill Level: Repair Technician

PARTS INFORMATION

Part Name	Part Number	Quantity
Fuel Sending Unit	8-97193-984-1	1

REQUIRED TOOLS AND EQUIPMENT

American Honda no longer supports the diagnostic tool for this vehicle. Some generic tools may apply.

CLIENT INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

REQUIRED MATERIALS

Part Name	Part Number	Quantity
Acura Brake Cleaner	08700-9201A	1 (One container will clean about two vehicles.)

DIAGNOSIS

Use a generic tester to retrieve the PCM broadcast code. Compare that code to the codes listed here:

PCM Broadcast Codes (for 20-to-120-ohm fuel sending units):

BZCD, BZCF

CKLB, CKLC

CMTK, CMTL, CMTM

CSWP, CSWR

CXKF, CXWP

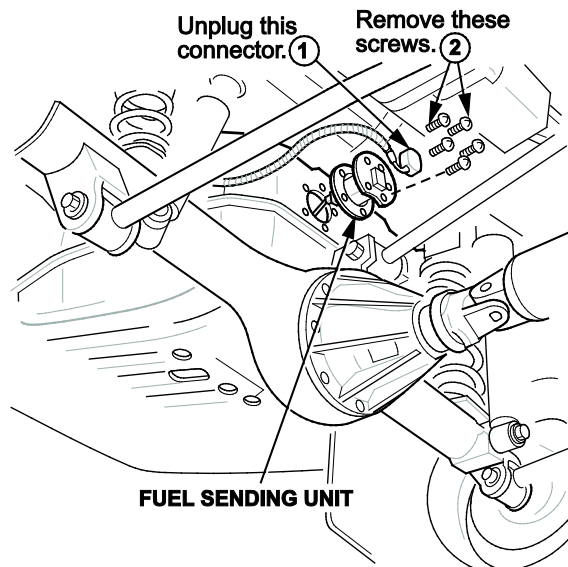
- If the code you retrieve *is not* listed, the PCM has already been recalibrated and the repair has been completed. Use the appropriate SLX electronic service manual and the ETM to diagnose other possible causes for the problem.
- If the code you retrieve *is* listed, go to REPAIR PROCEDURE.

REPAIR PROCEDURE

1. Write down your client's radio station presets and mode settings (treble, bass, balance, and fader).
2. Note the reading on the fuel gauge, then disconnect the negative cable from the battery.
3. Remove the fuel fill cap.

NOTE: Wear proper eye protection through step 8 of this procedure.

4. If the fuel tank is more than 1/2 full, drain or siphon the fuel into a suitable container, then tighten the drain plug to 20 N·m (14 lb-ft).
5. Raise the vehicle on a lift.
6. Use brake cleaner and compressed air to thoroughly clean the area around the fuel sending unit.
7. Remove the sending unit from the tank. Make sure you cover the tank opening to prevent any dust or dirt from getting inside. Discard the sending unit.



8. Install the new sending unit.
9. Lower the vehicle.
10. Refill the tank with the fuel you drained, and reinstall the fuel fill cap.

11. Reconnect the negative cable to the battery.
12. Enter your client's radio station presets and mode settings. Reset the clock.
13. Update the PCM by sending it to the vendor for reprogramming. For more information about where to send the PCM and the cost for the reprogramming, go to the iN, select **Service Bay**, then select **Smart Cable**, and follow the instructions.
14. Clear any remaining DTCs with a generic tester.