



# Technical Bulletin

Division: Automotive  
 Category: Technical

Section Title: Restraints  
 TSB No. TS 02 05222R1

**SUBJECT:** SPECIAL COVERAGE EXTENSION “ZA”; SPECIFIC “AIRBAG”  
 WARNING LIGHT ILLUMINATION (DTC B1312 ONLY).  
**MODEL(S):** SX4 (RW420)  
**YEAR:** 2007~2011

**CONDITION:** The “Airbag” light is illuminated in the instrument cluster and DTC (Diagnostic Trouble Code) B1312 is identified as a Current DTC using the SDT. No other DTC or condition qualifies for this coverage extension.

**CAUSE:** Suzuki Motor Corporation has determined that certain 2007~2011 Suzuki SX4 vehicles may develop, due to repeated flexing, an electric disconnection (open) in the Front Passenger Sensing System circuit within the sensor-mat located in the passenger seat bottom cushion assembly.

**CORRECTION:** In vehicles that are found to have the “Airbag” warning light ON, DTC B1312 identified as a Current DTC, and are beyond the basic warranty limits, a special coverage extension will apply, allowing repairs to be made for customers at no charge for parts or labor up to 10 years or 120,000 miles from the date of first use, at authorized Suzuki Service Points.

**Revised to clarify B1312 status and cushion replacement criteria.**

**WARRANTY INFORMATION:**

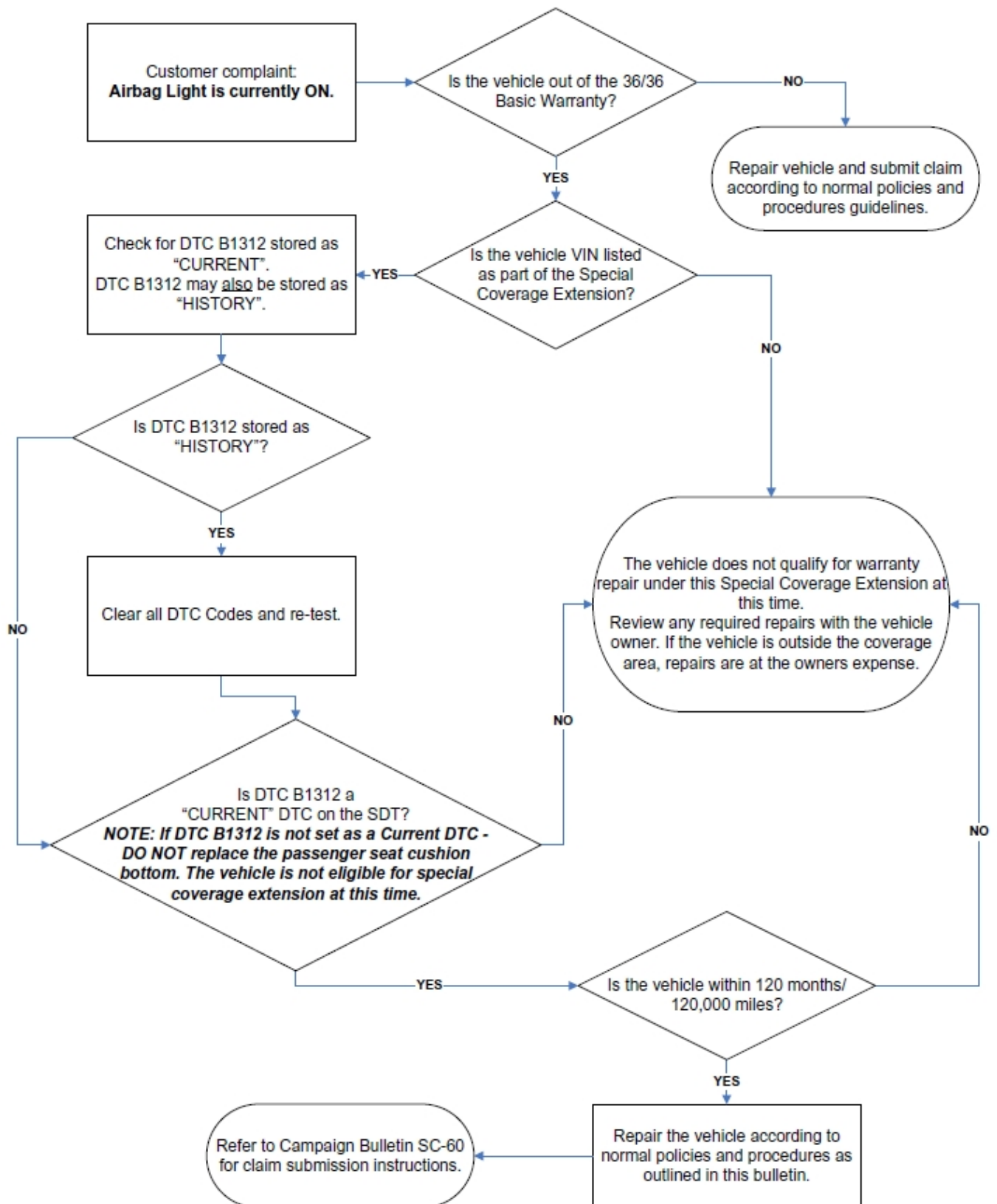
Labor Operation	Description	Failed Part Number	Complaint Code	Defect Code	Labor Time
Please refer to Campaign Bulletin SC-60 for claim submission instructions					

Technical Service Department  
 Dealership Circulation – Initial and file:

Service Manager	Parts Manager	Service Advisor	Technicians						

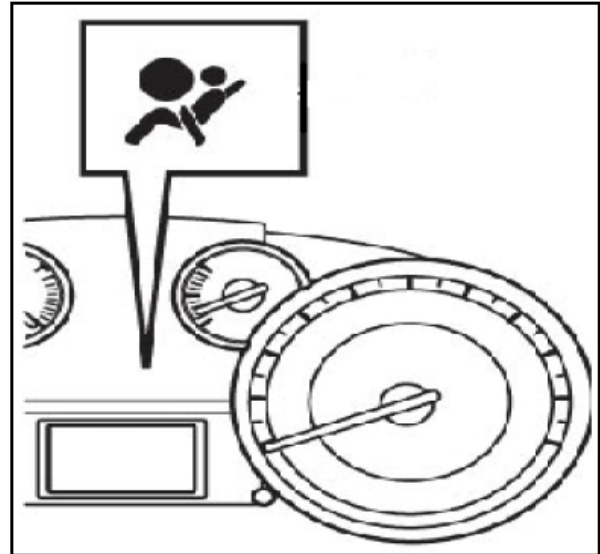
Suzuki bulletins are intended for use by professional technicians, NOT a “do-it-yourselfer.” They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your authorized Suzuki Service Point for information on whether your vehicle may benefit from the information. Suzuki reserves the right to change technical specifications at any time without prior notice.

**WORKFLOW**

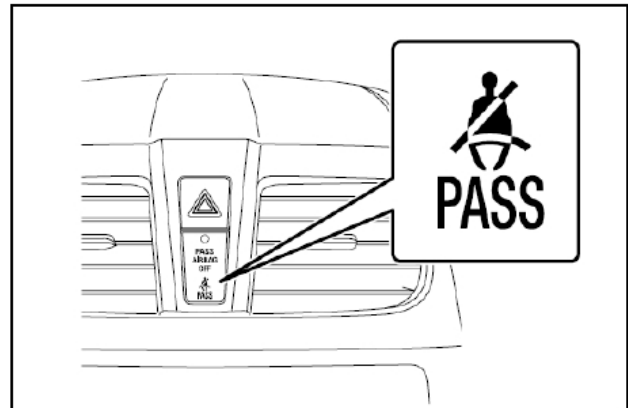


**REPAIR INFORMATION****Diagnostic Procedure for DTC B1312**

1. Check and ensure there is nothing placed or resting on the front passenger seat.
2. Turn the ignition switch to the "ON" position.
3. Check that the "AIRBAG" warning light remains on after flashing.

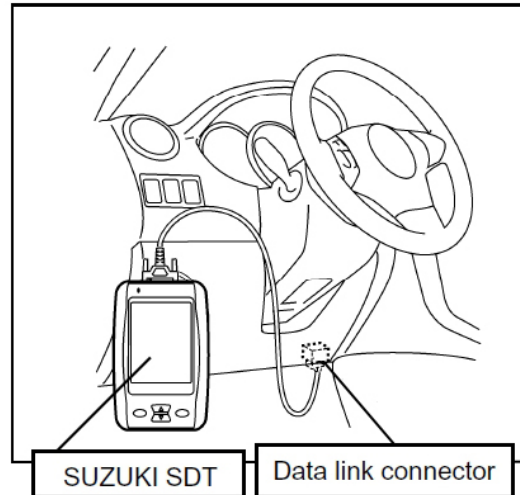


4. Check that the passenger seat belt reminder light is on (illuminated).
  - If the passenger seat belt reminder light is illuminated, go to step 5.
  - **If the passenger seat belt reminder light does not illuminate, DTC B1312 is not the cause of the "AIRBAG" warning light. Refer to the Suzuki Service Manual to determine the DTC stored and diagnose the issue.**



**NOTE:** *Codes other than a Current B1312 are not eligible for this special coverage extension. If the vehicle is still within the 3/36 basic warranty period, repair it according to normal policies & procedures. If the 3/36 basic warranty is expired by either time or mileage, give your customer an estimate for the cost of the repair.*

5. Connect SUZUKI scan tool (SUZUKI-SDT) to data link connector (DLC).
6. Read the DTC(s) in the "Airbag" system



7. Confirm that DTC B1312 is a Current DTC on the SDT.
  - If DTC B1312 is Current, go to step 8.
  - **If DTC(s) other than B1312 are present in Current and or History, or DTC B1312 is present in History only, clear all DTC Codes and re-test. If DTC B1312 does not become set as a Current DTC it is not the cause of the "AIRBAG" warning light. Refer to the Suzuki Service Manual troubleshooting instructions for other DTC(s) stored and diagnose the issue.**



**NOTE: If DTC B1312 is not set as a Current DTC - DO NOT replace the passenger seat cushion bottom. The vehicle is not eligible for special coverage extension at this time.**

8. Replace front passenger seat cushion assembly with new one (Please refer to the EPC and appropriate Suzuki Service Manual for replacement of the lower seat cushion on the right front passenger seat only).
9. After completing the replacement, erase DTC using scan tool and confirm DTC Code B1312 is no longer present real time in the vehicle.
10. After clearing the "AIRBAG" DTC(s), confirm the following:
  - ✓ "AIRBAG" warning light does not remain illuminated after flashing.
  - ✓ Passenger seat belt reminder light does not illuminate when turning the ignition switch to the "ON" position.
11. The repair is complete. Return the vehicle to the customer.