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IMPORTANT - All Service Personnel Should Read and Initial

SUBARU

SERVICE BULLETIN

APPLICABILITY: SRS Side Curtain Airbag Equipped Vehicles

NUMBER: 17-09-04

DATE: 11/23/04

SUBJECT: Airbag Deployment Fixture Instruction Manual **Supplement**

INTRODUCTION

This is a supplement that contains information for using the **SPX Kent-Moore J-39401-B**, SRS Airbag Module Mounting and Deployment Tool to deploy SRS Side Curtain Airbag modules that have been set aside to be discarded.

- Follow all instructions for safe and proper deployment.
- Do not use any mounting method other than those described in this supplement for Side Curtain Airbag deployment.

WARNING

IMPROPER USE MAY RESULT IN SERIOUS INJURY OR DEATH.

Prepare the tool before use as described below.

- Position Base Unit Vertically and fill with water.
- Return to horizontal position before use.
- Do not store Base (tank) Unit below 32°F or 0°C.

CAUTION

VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY OR DEATH TO THOSE PERSONS OR OTHERS. THIS TOOL IS DESIGNED TO BE USED BY PROFESSIONAL AND TRAINED TECHNICIANS ONLY.

Read all instructions before beginning any work.

- Before use, choose a location to deploy the SRS Side Curtain Airbag module that is clear of any personnel, objects and hazardous material.
- Always wear eye protection.
- Advise personnel in the immediate area that you are going to deploy the SRS Airbag.



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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.



- Always position the Airbag side of the module away from you and never position the Airbag side of the module downward.
- Do not place any objects on the SRS Airbag module.
- Before connecting the deployment harness, short the Red and Black wires together.
- During deployment stand back the entire length of the Deployment Harness.
- Allow the SRS Airbag sufficient time to cool down after deployment before removing the special tools.
- Choose the correct mounting adapters to secure the Airbag module to the base. The Airbag module must be mounted so that when deployment occurs the Airbag does not strike the base or the mounting adapters.
- Use the following instructions to prepare the SRS Side Curtain Airbag prior to deployment.
- After completing the following steps, go to page 4 for wiring and deployment instructions.
 - 1) Use sharp scissors to perform the following operations, **A thru E** (see Figure 1). Do not remove or cut any other portion of the airbag itself, including the (white) material sleeve.

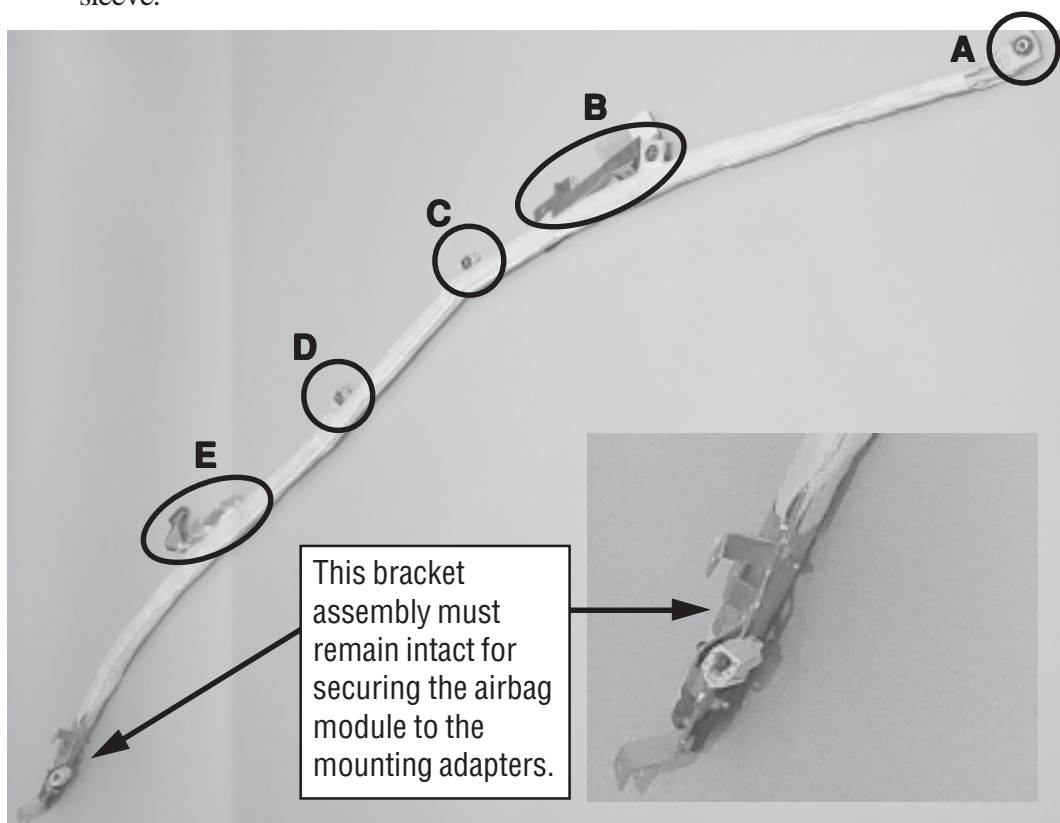
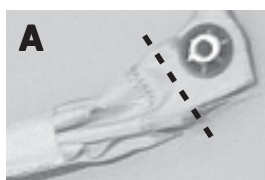
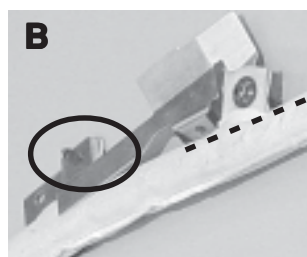


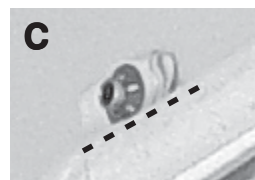
Figure 1



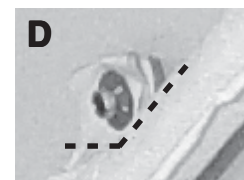
To remove grommet, cut material as close as possible.



To remove bracket, cut material as close to the grommet as possible. Remove black plastic trim clip.

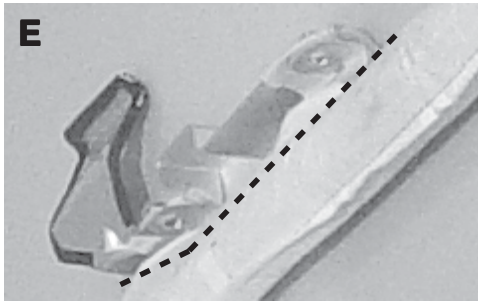


To remove grommet, cut material as close as possible.



To remove grommet, cut material as close as possible.

continued...



To remove bracket, cut material as close as possible.

- 2) Secure the mounting adapters to the base with the included 5/16 carriage bolts and nuts (see Figure 2).



Figure 2

- 3) Secure Airbag module to the mounting adapters using the included 6mm bolts and nuts (see Figure 3). Make sure the airbag is laid out completely straight (not curled) to prevent any “whipping” effect during deployment.

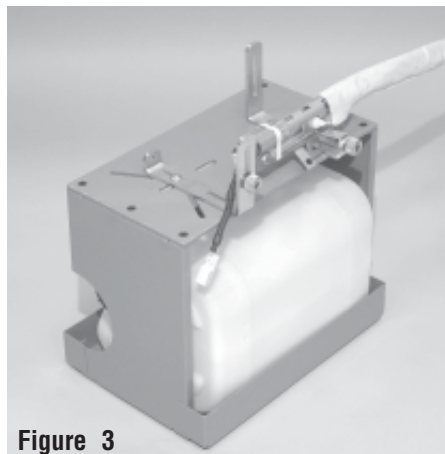


Figure 3



WARNING

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO THE ADAPTER HARNESS AND POSSIBLE SCATTERING OF THE BROKEN PIECES AT HIGH SPEED. THOSE PIECES COULD CAUSE SERIOUS INJURY OR DEATH TO PERSONS NEARBY.

WIRING AND DEPLOYMENT INSTRUCTIONS

CAUTION: Always wear eye protection!

Use Test Adapter 98299FC030 and connect it to the deployment harness 98299PA030, not the SRS Airbag.

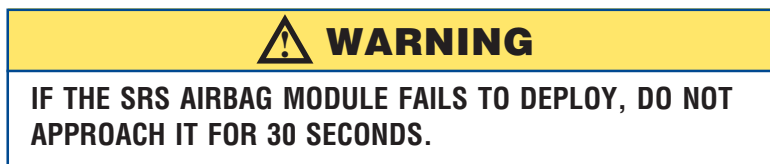
The deployment harness should have the Red and Black wires shorted together.

Connect the adapter to the SRS Airbag Module.



Deployment will be **immediate** upon connecting 9V battery in the following process:

- 1) Make sure deployment area is clear.
- 2) Disconnect the shorted red and black wires.
- 3) Touch the red and black wires to the 9V battery. Airbag will deploy immediately!
- 4) Remove red and black wires from 9V battery.
- 5) Short red and black wires together.



After 30 seconds check the following:

- 1) Battery connection
- 2) Battery voltage
- 3) Harness connection (visual inspection only)
- 4) Adapter connection (visual inspection only)
- 5) Module connection (visual inspection only)

If any of these items are not found to be at fault contact SOA Techline.

Storage of SRS Airbag Modules is explained in the appropriate Service Manual. Review the Service Manual for proper storage.

NOTE: Be sure to comply with any and all applicable federal, state, and local agency requirements for proper disposal.