



SERVICE LETTER

Equipment/Furnishings
Passenger Compartment

Buckle/Connector Assembly Plug, P/N 502913
Inspection and Removal

Cirrus Aircraft, SR2X, 7041-() Inflatable
Restraint System Assembly

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SL 7041, Issue: 1
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Date: 24-Apr-2023



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Transmittal Sheet

TO: Holders of SL 7041, dated 24-Apr-2023. This page transmits issue 1.

Service bulletins and service letters are available at [AmSafe Autodesk PLM 360](#) and at [AmSafe.com](#).

Service bulletins and service letters are also available through AmSafe Customer Service.

Revision Highlights

A complete reissue of SL 7041 accomplishes the changes summarized below. Remove and replace SL 7041.

Page(s)	Correction/Update
N/A	N/A



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1. Subject

Remove as necessary for buckle/connector assemblies' plugs that have damage, are missing, or are incorrectly installed. Removal and installation should be performed on an as needed basis.

2. Applicability

This Service Letter is applicable to the restraint systems installed on all Cirrus Aircraft that have part number 7041-() installed.

3. Background

Customers have reported an in-service problem of incorrectly installed or missing plugs found on the belt buckle assemblies.

AmSafe Engineering created this service letter to describe the procedure for removing and correctly installing replacement buckle/connector assembly plugs.

The plugs may be obtained by contacting AmSafe Customer Service and ordering P/N 502913.

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4. Discussion

This service bulletin allows installation or removal and replacement of buckle/connector assembly plugs by aircraft maintenance personnel.

5. Operator Action

Install or remove and replace buckle assembly plugs that are missing or have damage as required.

6. Accomplishment Instructions

Tools Required:

- Small flat Screwdriver
- Pliers (if required)

1. Plug P/N 502913, qty. 2 per restraint system. See Figure 1.



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Figure 1. Plug (P/N 502913)

2. Locate and inspect the buckle/connector assembly. If plug is installed incorrectly (as shown below), remove the plug using hand tools as needed.



Figure 2. Buckle/Connector with Incorrect Plug Installation

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Figure 3. Buckle/Connector Before Plug Installation

3. Review Figure 3 for detail on where the plug is installed.
 - Slide the load bar (part which webbing wraps around) towards the webbing straps and hold it there while installing the plug.
 - With the lot number on the plug facing inward lay the plug in the slot in the side of the buckle or connector lengthwise at an angle. The plug should be inserted into the end of the slot farthest from the webbing, and the curved end of the plug should face away from the webbing.
 - With a small screwdriver, gently press in the center of the plug so that the lip of the plug comes through on the other side. (Note: use only enough pressure to make the lip of the plug pop through to the opposite side)
 - Secure the plug with your finger to prevent the plug from disengaging out of the slot.
 - Ensure the plug is completely seated in the slot, and the lips on the plug are completely through the other side of the slot. See Figure 4.

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Figure 4. Buckle/Connector with Plug Installed

- Repeat for the opposite side of the buckle/connector. Plugs must be installed in pairs, two per buckle.
- Inspect plugs for correct installation location per Figure 4 and Figure 5



Figure 5. Buckle with Plug Installed and Cover Open Showing Inside of Buckle

NOTE: Be sure to install the plug in the correct location. If installed incorrectly, the buckle/connector assembly will not function properly.

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