

issues

SERVICE BULLETIN No. Harmony LSA-044a

SAFETY ALERT

- 1. CONCERNING:** All Harmony LSA aircraft up to S/N 2025 2307 inclusive.
- 2. REASON:** Foot control pedal assembly without a weld reinforcement on countershaft may have been installed in some of the Harmony LSA aircraft.
- 3. REQUIRED ACTIONS:**
1. Visually inspect the foot control pedal assembly. Examine whether the countershaft (left/right) includes the weld reinforcement (Affected Part: P/N S4 72-01 01/02 or S4 70-02 01/02, if installed).
 2. If the weld reinforcement is missing, examine the welded connection of the countershaft tube and the lever for cracks.
 3. If the weld reinforcement is missing, replace the original countershaft (P/N S4 72-01 01/02 or S4 70-02 01/02, if installed) with the new countershaft with the weld reinforcement, in accordance with the work procedure of this bulletin.
 4. Record the replacement in the Aircraft Logbook.
- 4. LATEST DAY OF THE ACTION:** If the weld reinforcement is missing and there are no cracks on the welded connection of the countershaft tube and the lever, a flight cycle to the maintenance organization is allowed.
- If the weld reinforcement is missing and the cracks occurred on the welded connection of the countershaft tube and the lever, replace the countershaft immediately upon issue of this bulletin.
- 5. CARRIED OUT BY:** Organization with authorization for maintenance/repairs of this type of airplane or the relevant authorized person.

6. COSTS COVERED BY:

The aircraft manufacturer will cover the following costs:

- the necessary material listed in Section 2, including shipping costs;
- up to 8 labor hours, if the affected airplane's adjustable foot control pedals are equipped with remote position control (i.e. the lever marked as "ADJUSTABLE PEDALS LEVER" located on both the LH and RH side below the instrument panel);
- up to 6 labor hours, if the affected airplane's adjustable foot control pedals are not equipped with remote position control.

7. NECESSARY MATERIAL:

In accordance with the bulletin text.

8. WORK PROCEDURE:

In accordance with the bulletin text.

9. APPENDICES:

None.

Valid from: July 23rd, 2025

**1. Necessary tools**

According to AMM.

2. Necessary material

Name	Designation	Nomenclature	Quantity
Cotter pin	2x20	039310	8 pcs
Cotter pin	1x10	038800	4 pcs
Cotter pin	1,6x20	040006	2 pcs
Cotter pin	1,6x12	040002	8 pcs
Locking washer	5,3	037652	12 pcs
Cable tie	2,5x99	060332	10 pcs
Countershaft Left (new version)	Pedals with remote position control	S4 72-01 01	1 pc
Countershaft Right (new version)	Pedals with remote position control	S4 72-01 02	1 pc
<i>or</i>			
Countershaft Left (original version)	Pedals without remote position control	S4 70-02 01	1 pc
Countershaft Right (original version)	Pedals without remote position control	S4 70-02 02	1 pc

The material will be provided by the aircraft manufacturer.

3. Work procedure

3.1 Visual inspection of the pedal assembly

- 3.1.1 Examine whether both foot pedal control assemblies (P/N S4 72-01 01/02 or S4 70-02 01/02, if installed) include the weld reinforcement on the welded connection of countershaft tube (1, 2, Fig. 1) and lever. See Fig. 1 and Fig. 2 for welded reinforcement locations.
- 3.1.2 If the weld reinforcements are missing, take a photo of affected part(s) and report the inspection results to the manufacturer by submitting an Aircraft Occurrence Technical Report, including the photos of the affected part(s).
- 3.1.3 If the weld reinforcements are missing, replace the original countershafts of the foot control pedal assembly with the new countershafts with the weld reinforcement (P/N S4 72-01 01/02 or S4 70-02 01/02) in accordance with Work procedure para. 3.2 and 3.3.

Make sure you use the correct countershaft as replacement. Identify the P/N of the original countershaft without the weld reinforcement and use the new countershaft with the weld reinforcement, and with the same P/N as the original countershaft, as replacement:

- The foot control pedal assembly, equipped with remote position control, includes countershafts P/N S4 72-01 01/02.
- The foot control pedal assembly, without remote position control, includes countershafts P/N S4 70-02 01/02.

NOTE

Foot control pedal assembly equipped with remote position control includes a lever located on both LH and RH side, below the instrument panel. The lever is marked as “ADJUSTABLE PEDALS LEVER”.

3.2 Removal of countershaft with pedals of foot control

- 3.2.1 Remove the pedal assembly (AMM, Section 27-20). Do not remove pedal plates (AMM, Fig. 27-10, position 2) from the pedals.

3.3 Installation of countershaft with pedals of foot control

- 3.3.1 Install the new foot control pedal assembly with the original brake plates and brake pedals (AMM, Section 27-20).

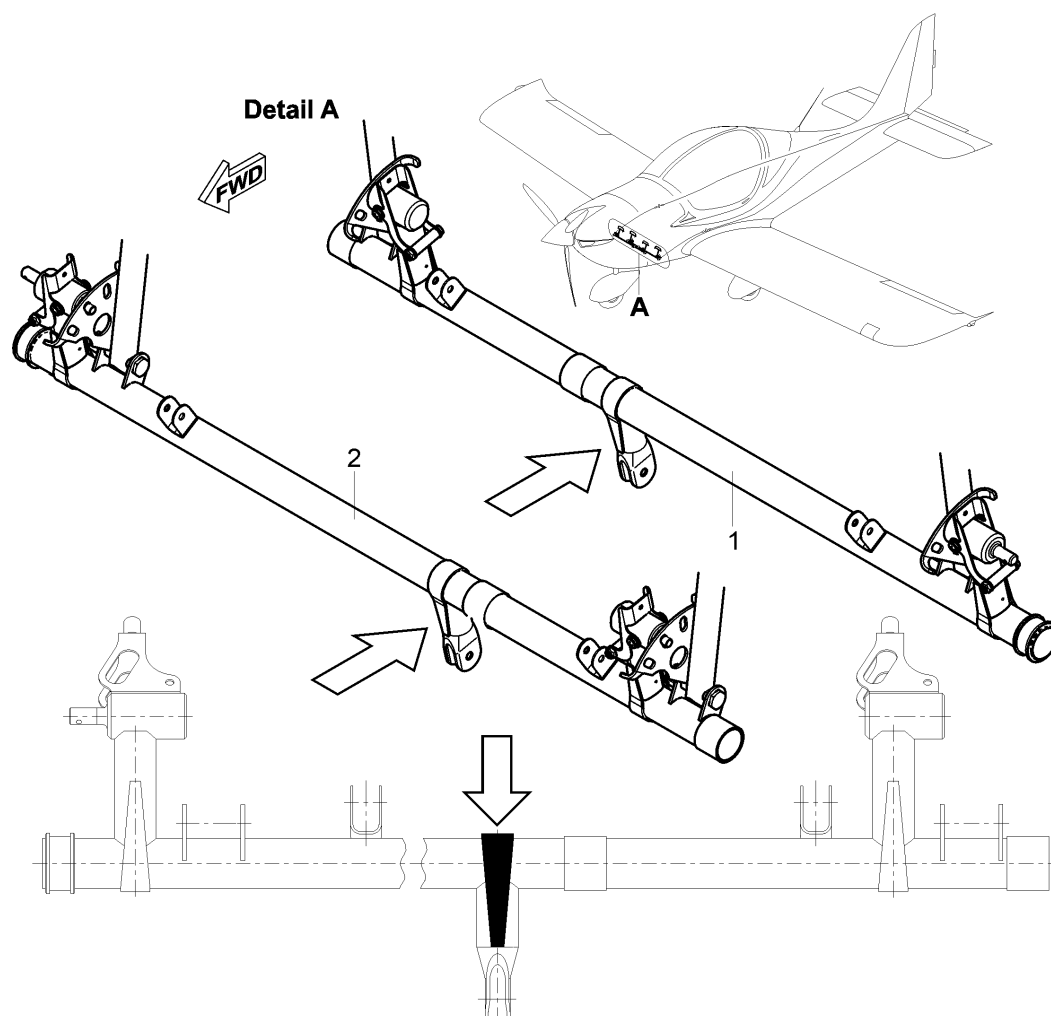
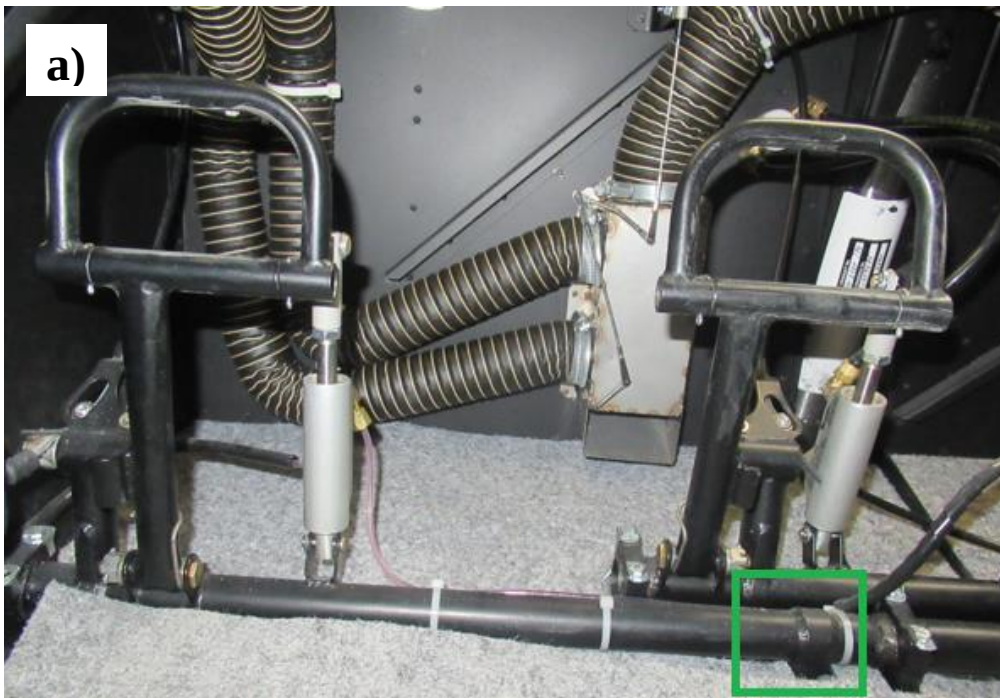
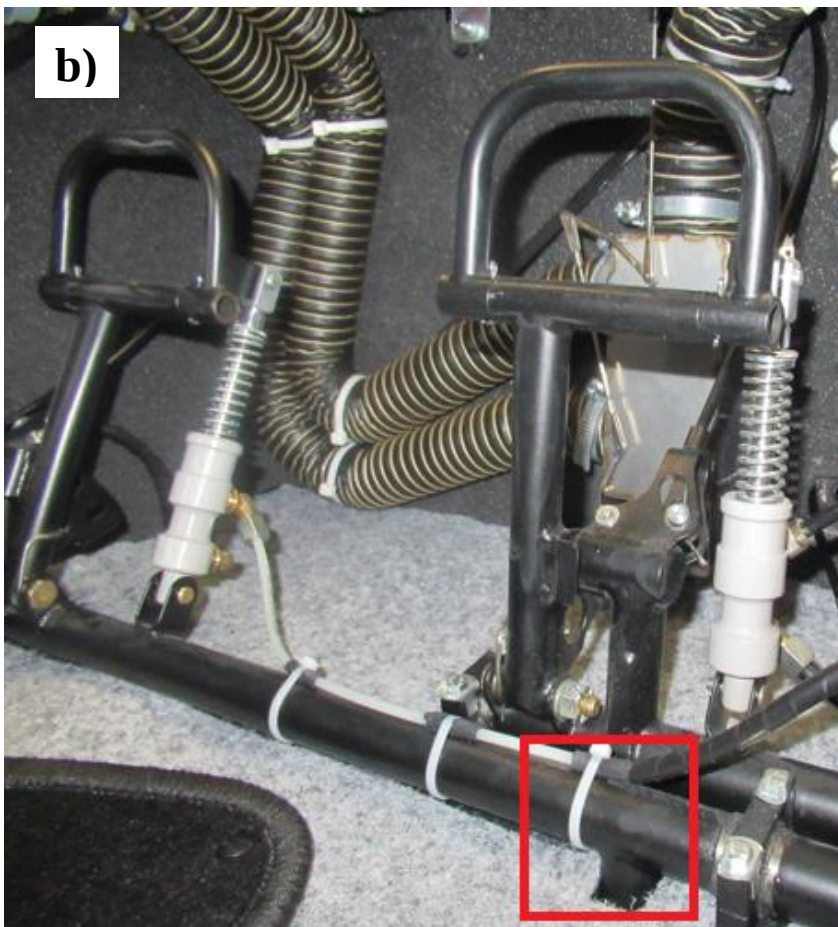


Fig. 1 Locations of pedal assembly welded reinforcements



a) Countershaft tube and lever welded connection with the weld reinforcement (green square)



b) Countershaft tube and lever welded connection without the weld reinforcement (red square)

Fig. 2 (a+b) Detail of Countershaft Left with/without the weld reinforcement

4.

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4. Influence on airplane documentation

4.1 Accompanying technical documentation

Not affected.

4.2 Operation technical documentation

The authorized person will carry out this record in the Aircraft Logbook after bulletin implementation: „**Visual inspection and replacement of pedal assembly was carried out according to the Service Bulletin No. Harmony LSA-044a Safety Alert**“ and will add the date and signature.

5. Influence on weight and balancing

Not affected.