



ATA CHAPTER: 33

LIGHTS – EMERGENCY LIGHTING – CHANGE OF CIRCUIT BREAKER 2LN – EMER LT/CABIN & EXT/CTL

Mod No. 3691

1. PLANNING INFORMATION**A. EFFECTIVITY****(1) Aircraft:**

Aircraft Mfg. Serial No's SAAB 340B – 342, 359–459.

(2) Spares: Not affected.**B. REASON**

The circuit breaker for the emergency cabin lighting 2LN, in position L8, has been reported tripped without fault in the system. The following investigation found that the circuit breaker 2LN has a too low rating (5A) during max charging conditions.

A tripped circuit breaker can result in insufficient charged emergency battery.

In order to eliminate the tripping, without any fault in the system, this Service Bulletin will change the circuit breaker rating from the existing 5A to 7.5A.

Implementation of this Service Bulletin will eliminate the possibility for incorrectly tripped circuit breaker and thus, insufficient charged emergency battery and ultimately loss of the emergency light in the cabin.

C. DESCRIPTION

This Service Bulletin gives instructions for:

- Removal of the existing 5A circuit breaker
- Installation of the new 7.5A circuit breaker.

D. COMPLIANCE

Mandatory.

Saab recommends this Service Bulletin to be performed within 6 months or 1000 FH whichever occurs first from release of this Service Bulletin.

This Service Bulletin is under EASA consideration for an Airworthiness Directive.

The final compliance terms will be set by the EASA Airworthiness Directive (AD) when issued.

E. APPROVAL

The technical content of this Service Bulletin is approved under the authority of DOA ref. EASA.21J.066.

F. MANPOWER

Estimated time to complete this Service Bulletin is:

1 persons required.

Total manhours: 1



Elapsed time (hours): 1

Labour cost at operators expense.

G. MATERIAL – COST AND AVAILABILITY

Price and availability for parts required to do this service bulletin will be furnished on request.

H. TOOLING

No special tooling required.

I. WEIGHT AND BALANCE

None.

J. ELECTRICAL LOAD DATA

Not affected.

K. REFERENCES

Aircraft Maintenance Manual (AMM)

39-10-42-02

L. OTHER PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC)

Wiring Manual (WM)

2. ACCOMPLISHMENT INSTRUCTIONS

REF. FIG. 1

A. JOB SET-UP

- (1) Before you start the SB, make sure:
- The part listed in the Service Bulletin is available
 - The documentation is available.

B. REMOVAL

- (1) At the RH circuit breaker panel 10VU, position L-8, remove the 5A circuit breaker (R01) EMER LT/EXT/CABIN or EMER LT/CABIN & EXT/CTL (2LN), Ref. AMM 39-10-42-02.

C. INSTALLATION

- (1) At the RH circuit breaker panel 10VU, position L-8, install the new 7.5A circuit breaker (01) EMER LT/EXT/CABIN or EMER LT/CABIN & EXT/CTL (2LN), Ref. AMM 39-10-42-02.

D. JOB CLOSE-UP

- (1) Remove all the tools and equipment from the work area. Make sure the work area is clean.

3. MATERIAL INFORMATION

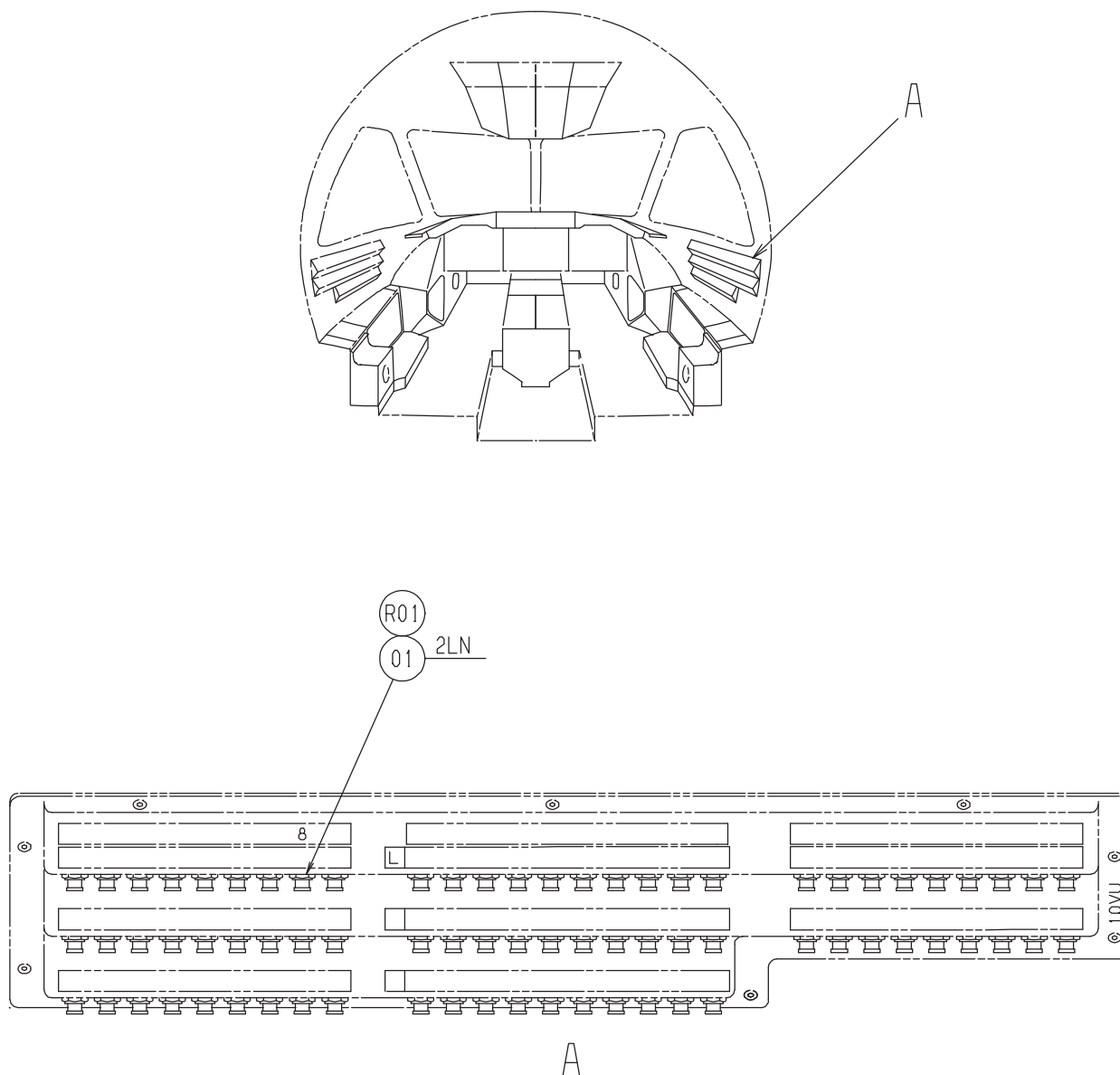
A. Parts required for modification:

Item	Part Number	Qty	Nomenclature	Designation	Remarks
01	MS3320-7.5	1	Circuit Breaker	10VU (L-8)	7.5 A
	Alt.				
	483-96-TC-				
	K14-7.5				



B. Removal

Item	Part Number	Qty	Nomenclature	Designation	Remarks
R01	MS3320-5	1	Circuit Breaker	10VU (L-8)	5 A
	Alt.				
	483-96-TC-K14-5				



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Change of Circuit Breaker 2LN – Emergency Light
FIG. 1