



STANDARD PRACTICES - ENGINE - INFORMATION - ENGINE - PROVIDE AN IGNITION COOLING BOX
WITH IMPROVED CLEARANCE TOLERANCES - CATEGORY CODE 7 - MOD.ENG-70-0260

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320
(b) Airbus A321
(c) McDonnell Douglas MD-90
- (2) Engine : (a) V2500 - A1
(b) V2500 - A5
(c) V2500 - D5

B. Reason

To announce the availability of Ignition Cooling Box with improved clearance tolerances.

C. Compliance

Category Code 7

Accomplish when supply of superseded parts has been depleted.

D. Approval

The part number transactions shown under the Material Information portion of this Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. References

- (1) Internal Reference No.

92VJ00

92VJ005-01

92VJ005-02

- (2) Other references

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V2500-ENG-70-0260



International Aero Engines
INFORMATION BULLETIN

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F. General Information

- (1) The Material Information portion of this Bulletin provides the latest information concerning the availability of the new Ignition Cooling box.
- (2) The new Ignition Cooling Boxes with the improved clearance tolerances are introduced.
- (3) Other Publications affected:
 - (a) V2500 Engine Illustrated Parts Catalog, Chapter/Section 74-11-38 will be revised to incorporate the new part.
 - (b) V2500 Power Plant Illustrated Parts Catalog, Chapter/Section 74-11-38 will be revised to incorporate the new part.

G. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Supply Status
5U0055 (9054840) (74-11-38)	1		.Box, Cooler Ignition Front	5U0009 (9045428) (01-100)	(A)(B)(1)
5U0055 (9054840) (74-11-38)	1		.Box, Cooler Ignition Front	5U0009 (9045428) (01-500)	(A)(B)(1)

H. Supply Status Code Statements:

- (A) New parts are currently available for sale.
- (B) Old parts will no longer be available for sale.
Existing supplies of old parts will be continued to be fully supported although they may be used up.
- (1) Old and New parts are freely and fully interchangeable, both physically and functionally.

NOTE: Consult vendor for pricing information.

V2500-ENG-70-0260

UNISON

SERVICE BULLETIN

JP00623

Powerplant - Ignition System - Introduction of Improved Ignition Cooling Box.

1. PLANNING INFORMATION.

A. Summary:

To provide an ignition cooling box with improved fit.

B. Effectivity:

This Service Bulletin applies to the following Unison Exciter Front Cooling Box Assembly used on IAE V2500-A1/A5/D5 engines.

Unison Part Number

IAE Part Number

9045428

5U0009

C. Reason:

In some cases, installation tolerances affecting fit of the cooling box have resulted in assembly misalignment. The new front cooling box has a redesigned mounting pad which accommodates these tolerances to provide an improved fit.

D. Description:

This service bulletin is of a product improvement nature, and provides an exchange program through Unison's repair facility to exchange/upgrade existing P/N 9045428 Front Cooling Boxes to P/N 9054840.

E. Compliance:

Compliance code 7: Accomplish when supply of superseded parts has been depleted.

F. Approval:

The part number modifications described in this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-Approved for the Cooling Box listed.

G. Manhours Required:

No additional man hours required when accomplished at routine assembly/disassembly.

H. Material Availability:

Parts listed in Material Information are available from Unison Industries, 7575 Baymeadows Way, Jacksonville, FL 32256.

I. Tooling: None.

J. Weight and Balance: Not affected.

Oct 20/93

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74-46

Page 1 of 3

UNISON

SERVICE BULLETIN

K. Electrical Load Data: Not affected.

L. References:

IAE S.B. V2500-ENG-70-0260

M. Other Publications Affected:

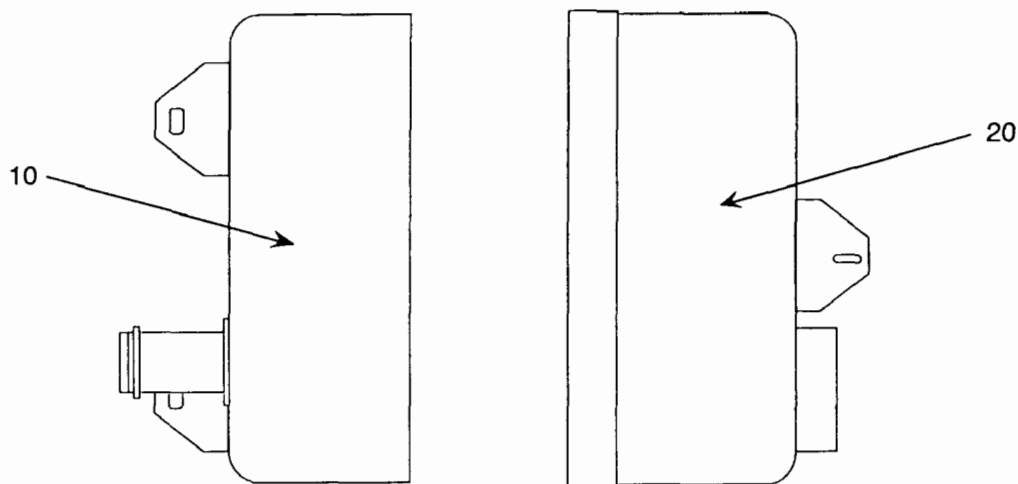
Component Maintenance Manual 74-11-38, dated Nov 01/88.

2. ACCOMPLISHMENT INSTRUCTIONS.

A. The old part cannot be modified by the operator to obtain the new configuration. Return P/N 9045428 Front Cooling Box Assembly to Unison Industries for exchange/upgrade to P/N 9054840.

B. Revise CMM 74-11-38 ILLUSTRATED PARTS LIST, page 1005, as follows:

FIGURE & ITEM NUMBER	PART NUMBER	AIRLINE PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
2 -1	9045415-2		COOLING BOX Assembly	REF	A
-5	9045415-3		COOLING BOX Assembly	REF	B
10	9045429		. REAR COOLING Box	1	
-15	9045428		. FRONT COOLING Box	1	A
20	9054840		. FRONT COOLING Box	1	B



Cooling Box Assembly
Figure 2

Items preceded by a dash (-) are not illustrated.

Oct 20/93

74-46
Page 2 of 3

UNISON

SERVICE BULLETIN

3. MATERIAL INFORMATION.

A. The material data in the following table is per engine.

<u>NEW P/N</u>	<u>QTY</u>	<u>EST. UNIT EXCH. PRICE*</u>	<u>KEYWORD</u>	<u>OLD P/N</u>	<u>DISPOSITION OF OLD PART</u>
9054840	2 each	\$230.00	Box, Cooling, Front**	9045428	Replace

- * Price listed is for planning purposes only. Please check with Unison Industries for latest price.
- ** Rear Cooling Box Assembly P/N 9045429 (IAE P/N 5U0010) does not need to be sent for exchange with the front cooling box being returned.

Unison Industries offers factory modified cooling boxes on an exchange basis which comply with this service bulletin. These are available for immediate delivery from our Jacksonville, Florida factory. Please contact our Service Center at (904) 739-4130 (FAX 904-739-4444).