



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

IGNITERS - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the inspection of the igniters.
- B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
74-21-01-200-801-A	IGNITERS - INSPECTION	ALL



AIRCRAFT MAINTENANCE MANUAL

TASK 74-21-01-200-801-A

EFFECTIVITY: ALL

2. IGNITERS - INSPECTION

A. General

- (1) To do the detailed visual inspection of the igniters for wear, and corrosion, obey the instructions contained in Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-000-801-A/400	ENGINE UPPER COWLING - REMOVAL
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION
Rolls-Royce MM CSP 34022	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413		LH Engine Lower Cowling
423		RH Engine Lower Cowling
412		LH Engine Upper Cowling
422		RH Engine Upper Cowling

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the circuit breakers and attach a DO-NOT-CLOSE tag to them.



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- START 1/2.

- (2) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)) to get access to the igniters.

J. Inspect (Detailed Inspection) Igniters

SUBTASK 220-002-A

WARNING: THE IGNITION SYSTEM VOLTAGE IS DANGEROUSLY HIGH AND CAN KILL OR CAUSE INJURY TO PERSONS. MAKE SURE THAT THE IGNITION SYSTEM IS SET TO OFF FOR A MINIMUM OF SIX (6) MINUTES, BEFORE YOU START THE WORK ON THE IGNITION SYSTEM COMPONENTS.

- (1) Do a detailed visual inspection of the igniters. Refer to the latest revision of Rolls-Royce MM CSP 34022.

K. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the circuit breakers and remove the DO-NOT-CLOSE tag from them:

- START 1/2.

- (2) Install the upper cowling ([AMM TASK 71-11-01-400-801-A/400](#)).

