



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

IGNITER LEAD - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to do the functional check of the igniter leads.
- B. These procedures are applicable to the LH and RH engines.
- C. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
74-21-02-700-801-A	IGNITER LEAD - FUNCTIONAL CHECK	ALL



AIRCRAFT
MAINTENANCE MANUAL

TASK 74-21-02-700-801-A

EFFECTIVITY: ALL

2. IGNITER LEAD - FUNCTIONAL CHECK

A. General

- (1) Each engine has two igniter leads (A and B). The igniter lead (A) is installed to the bottom igniter, and the igniter lead (B), is installed to the top igniter of the engine.
- (2) To do the functional check of the igniter leads, obey the instructions in the latest revision of the Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 74-21-02-000-801-A/400	IGNITER LEAD - REMOVAL
AMM TASK 74-21-02-400-801-A/400	IGNITER LEAD - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower Cowling	RH Engine
414	Upper Cowling	LH Engine
424	Upper Cowling	RH Engine

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 work area



I. Preparation

SUBTASK 841-002-A

WARNING: MAKE SURE THE ENGINE START/STOP SWITCH IS IN THE "STOP" POSITION TO PREVENT AN ACCIDENTAL ENGINE OPERATION.

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
 - POWERPLANT START 1/2.
- (2) Remove the igniter lead ([AMM TASK 74-21-02-000-801-A/400](#)).

J. Functional Check

SUBTASK 720-002-A

WARNING: • BEFORE YOU DO THE TASK OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 71-00-00/200](#) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

- 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 the functional check of the igniter lead. Refer to the latest revision of the Rolls-Royce MM CSP 34022.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the igniter lead ([AMM TASK 74-21-02-400-801-A/400](#)).
- (2) Remove the workstand.
- (3) Remove the DO-NOT-CLOSE tags and close the applicable circuit breakers.
 - START 1/2.
- (4) Refer to the latest revision of the Rolls-Royce MM CSP 34022 to do the related check procedures after an engine LRU maintenance procedure, as applicable.

