

IGNITERS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove/Install the igniters.
- B. These procedures are applicable to the LH and RH engines.
- C. Each engine has two igniters. One igniter on the top, and the other on the bottom of the engine.
- D. 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
74-21-01-000-801-A	IGNITER - REMOVAL	ALL
74-21-01-400-801-A	IGNITER - INSTALLATION	ALL

TASK 74-21-01-000-801-A

EFFECTIVITY: ALL

2. IGNITER - REMOVAL

A. General

- (1) To remove the igniter, obey the instructions given in the latest revision of the Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-000-801-A/400	ENGINE UPPER COWLING - REMOVAL
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING

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) For removal/installation of the bottom igniter, open the lower cowling ([AMM TASK 71-12-01-000-801-A/400](#)).
- (3) For removal/installation of the top igniter, remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)).

J. Removal

SUBTASK 020-002-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) Remove the igniter. Refer to the latest revision of the Rolls-Royce MM CSP 34022.

TASK 74-21-01-400-801-A

EFFECTIVITY: ALL

3. IGNITER - INSTALLATION

A. General

- (1) To install the igniter, obey the instructions in the latest revision of the Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING

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 work area	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. Installation

SUBTASK 420-002-A

- (1) Install the igniter. Refer to the latest revision of the Rolls-Royce MM CSP 34022.

J. Follow-on

SUBTASK 842-002-A

- (1) Install the upper cowling ([AMM TASK 71-11-01-400-801-A/400](#)) if applicable.
- (2) Close the lower cowling ([AMM TASK 71-12-01-400-801-A/400](#)).
- (3) Remove the workstand.
- (4) Remove the DO-NOT-CLOSE tags and close the applicable circuit breakers.
 - POWERPLANT START 1/2.

