

## FUEL FILTER - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures for removal/installation and deactivation/reactivation of the fuel filter.
- 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).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
73-11-01-000-801-A	FUEL FILTER - REMOVAL	ALL
73-11-01-400-801-A	FUEL FILTER - INSTALLATION	ALL
73-11-01-040-801-A	FUEL FILTER - DEACTIVATION	ALL
73-11-01-440-801-A	FUEL FILTER - REACTIVATION	ALL

TASK 73-11-01-000-801-A

EFFECTIVITY: ALL

## 2. FUEL FILTER - REMOVAL

### A. General

- (1) To do the removal procedures, obey the instructions contained in Rolls-Royce MM CSP 34022.
- (2) This procedure is applicable to the left and right engines.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 71-00-00/200</a>	- MAINTENANCE PRACTICES
<a href="#">AMM TASK 71-12-01-000-801-A/400</a>	ENGINE LOWER COWLING - OPENING
Rolls-Royce MM CSP 34022 Task 73-21-10-000-802	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower 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

### I. Preparation

SUBTASK 841-002-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.**

- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
  - START 1/2.
  - FUEL PUMPS - 1A, 1B, 1C (2A, 2B, 2C).
- (2) Open the lower cowling ( [AMM TASK 71-12-01-000-801-A/400](#)).
- (3) Put the workstand in the work area.

J. Removal

*SUBTASK 020-002-A*

- (1) Remove the fuel filter. Refer to the latest revision of Rolls-Royce MM CSP 34022 Task 73-21-10-000-802.

TASK 73-11-01-400-801-A

EFFECTIVITY: ALL

### 3. FUEL FILTER - INSTALLATION

#### A. General

- (1) To do the installation procedure, obey the instructions contained in Rolls-Royce MM CSP 34022.
- (2) This procedure is applicable to the left and right engines.

#### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 71-00-00/200</a>	- MAINTENANCE PRACTICES
<a href="#">AMM TASK 71-12-01-400-801-A/400</a>	ENGINE LOWER COWLING - CLOSING
Rolls-Royce MM CSP 34022 Task 72-00-00-700-801	-
Rolls-Royce MM CSP 34022 Task 73-21-10-400-802	-

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower 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

I. Installation

*SUBTASK 420-002-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.**

- (1) Install the fuel filter. Refer to the latest revision of Rolls-Royce MM CSP 34022 Task 73-21-10-400-802.

J. Follow-on

*SUBTASK 842-002-A*

- (1) Refer to the Rolls-Royce MM CSP 34022 Task 72-00-00-700-801 to do the related check procedures after an engine LRU maintenance procedure, as applicable.
- (2) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - START 1/2.
  - FUEL PUMPS - 1A, 1B, 1C (2A, 2B, 2C).
- (3) Close the lower cowling ( [AMM TASK 71-12-01-400-801-A/400](#)).
- (4) Remove the workstand from the work area.

TASK 73-11-01-040-801-A

EFFECTIVITY: ALL

#### 4. FUEL FILTER - DEACTIVATION

##### A. General

- (1) This procedure is applicable to the left and right engines.
- (2) This procedure refers to item 73-33-02 - FUEL FILTER of the DDPM.
- (3) You can operate the aircraft with the E1(2) FUEL IMP BYP advisory message for one engine only if the associated fuel filter actual by-pass indicator is not extended and the fuel filter is replaced in the next 10 flight hours.

##### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 71-00-00/200</a>	- MAINTENANCE PRACTICES
<a href="#">AMM TASK 71-12-01-000-801-A/400</a>	ENGINE LOWER COWLING - OPENING
<a href="#">AMM TASK 71-12-01-400-801-A/400</a>	ENGINE LOWER COWLING - CLOSING

##### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower 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

I. Deactivation Procedure

*SUBTASK 040-002-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.**

- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
  - START 1/2.
- (2) Put the workstand in the work area.
- (3) Open the lower cowling ( [AMM TASK 71-12-01-000-801-A/400](#)) to get access to the engine.
- (4) Make sure that the pop-up indicator of the actual by-pass visual indicator is not extended.
- (5) Close the lower cowling ( [AMM TASK 71-12-01-400-801-A/400](#)).
- (6) Remove the workstand from the work area.
- (7) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - START 1/2.

TASK 73-11-01-440-801-A

EFFECTIVITY: ALL

## 5. FUEL FILTER - REACTIVATION

### A. General

- (1) This procedure is applicable to the left and right engines.
- (2) This procedure refers to item 73-33-02 - FUEL FILTER of the DDPM.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 73-11-01-000-801-A/400</a>	FUEL FILTER - REMOVAL
<a href="#">AMM TASK 73-11-01-400-801-A/400</a>	FUEL FILTER - INSTALLATION

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower 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

### I. Reactivation procedure

#### SUBTASK 440-002-A

- (1) Remove the fuel filter ([AMM TASK 73-11-01-000-801-A/400](#)).
- (2) Install a new fuel filter ([AMM TASK 73-11-01-400-801-A/400](#)).