

ACCESSORY DRIVE BOX - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove/install the Accessory-Drive Gearbox.
- 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
72-61-01-000-801-A	ACCESSORY-DRIVE GEARBOX - RE-MOVAL	ALL
72-61-01-400-801-A	ACCESSORY-DRIVE GEARBOX - INSTAL-LATION	ALL

TASK 72-61-01-000-801-A

EFFECTIVITY: ALL

2. ACCESSORY-DRIVE GEARBOX - REMOVAL

A. General

(1) To do the task, see the instructions contained in Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 24-31-01-000-801-A/400	MAIN GENERATOR - REMOVAL
AMM TASK 29-10-03-000-801-A/400	EDP - REMOVAL
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING
AMM TASK 80-10-01-000-801-A/400	ATS - REMOVAL
Rolls-Royce MM CSP 34022	-

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 accessory-drive gearbox	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 the circuit breakers below and attach a DO-NOT-CLOSE tag to them.
 - START 1/2.
 - FADEC 1A/2A.
 - FADEC 1B/2B.
- (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 accessory drive gearbox.
- (4) Remove the engine drive hydraulic pump ([AMM TASK 29-10-03-000-801-A/400](#)).
- (5) Remove the main generators ([AMM TASK 24-31-01-000-801-A/400](#)).
- (6) Remove the air turbine starter ([AMM TASK 80-10-01-000-801-A/400](#)).

J. Removal

SUBTASK 020-002-A

CAUTION: THE ACCESSORY-DRIVE GEARBOX IS HEAVY. TELL A PERSON OR PERSONS TO HOLD THE ACCESSORY-DRIVE GEARBOX WHILE YOU REMOVE THE ATTACHING HARDWARE.

- (1) Remove the Accessory-Drive Gearbox. Refer to the latest revision of Rolls-Royce MM CSP 34022.

TASK 72-61-01-400-801-A

EFFECTIVITY: ALL

3. ACCESSORY-DRIVE GEARBOX - INSTALLATION

A. General

(1) To do the task, see the instructions contained in Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 24-31-01-400-801-A/400	MAIN GENERATOR - INSTALLATION
AMM TASK 29-10-03-400-801-A/400	EDP - INSTALLATION
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING
AMM TASK 80-10-01-400-801-A/400	ATS - INSTALLATION
Rolls-Royce MM CSP 34022	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine accessory-drive gearbox	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do 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 Accessory-Drive Gearbox. Refer to the latest revision of Rolls-Royce MM CSP 34022.

J. Follow-on

SUBTASK 842-002-A

- (1) Install the engine drive hydraulic pump ([AMM TASK 29-10-03-400-801-A/400](#)).
- (2) Install the main generators ([AMM TASK 24-31-01-400-801-A/400](#)).
- (3) Install the air turbine starter ([AMM TASK 80-10-01-400-801-A/400](#)).
- (4) Close the lower cowling ([AMM TASK 71-12-01-400-801-A/400](#)).
- (5) Remove the workstand.
- (6) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them.
 - START 1/2.
 - FADEC 1A/2A.
 - FADEC 1B/2B.
- (7) Refer to the Rolls-Royce MM CSP 34022 to do the related check procedures after an engine LRU maintenance procedure, as applicable.

