

## PTT/HOT MIC SWITCH - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to remove and install the PTT/HOT MIC switch.
- B. The PTT/HOT MIC switch is installed on the left and right control yoke.
- 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
<a href="#">23-51-02-000-801-A</a>	PTT/HOT MIC SWITCH - REMOVAL	ALL
<a href="#">23-51-02-400-801-A</a>	PTT/HOT MIC SWITCH - INSTALLATION	ALL

TASK 23-51-02-000-801-A

EFFECTIVITY: ALL

## 2. PTT/HOT MIC SWITCH - REMOVAL

### A. General

(1) This procedure gives the instructions to remove the PTT/HOT MIC switch.

### B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Cockpit - LH
224		Cockpit - RH

### C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Soldering Iron	To remove the solder and release the wires	
P/N 15150-7	Pliers	To remove the collar from the support	
Commercially available	9/16 wrench	To remove the nut that attach the PTT/HOT MIC switch to the support	
Commercially available	Screwdriver (or similar)	To help with the removal of the AP/TRIM/ PUSHER Disc placard	

### D. Auxiliary Items

Not Applicable

### E. Consumable Materials

Not Applicable

### F. Expandable Parts

Not Applicable

### G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the cockpit, on the control wheel

### H. Preparation

#### SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the circuit breakers listed below and attach a DO-NOT-CLOSE tag to them:
  - INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1).
  - INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2).
  - INTPH 3 (Location Tip: DC BUS 2/COMM/INTPH 3).
  - AP1 (Location Tip: DC BUS 1/FLIGHT CONTROLS).

- PITCH TRIM 2 (Location Tip: ESSENTIAL DC BUS 2).

I. Removal (Figure 401)

*SUBTASK 020-002-A*

- (1) With a screwdriver (or similar), remove the AP/TRIM/PUSHER Disc placard (1).
- (2) With a pair of pliers, release the collar (2) from the support (5).
- (3) Remove the screws (3).
- (4) Carefully, push the support (5) to get access to the electrical connections.

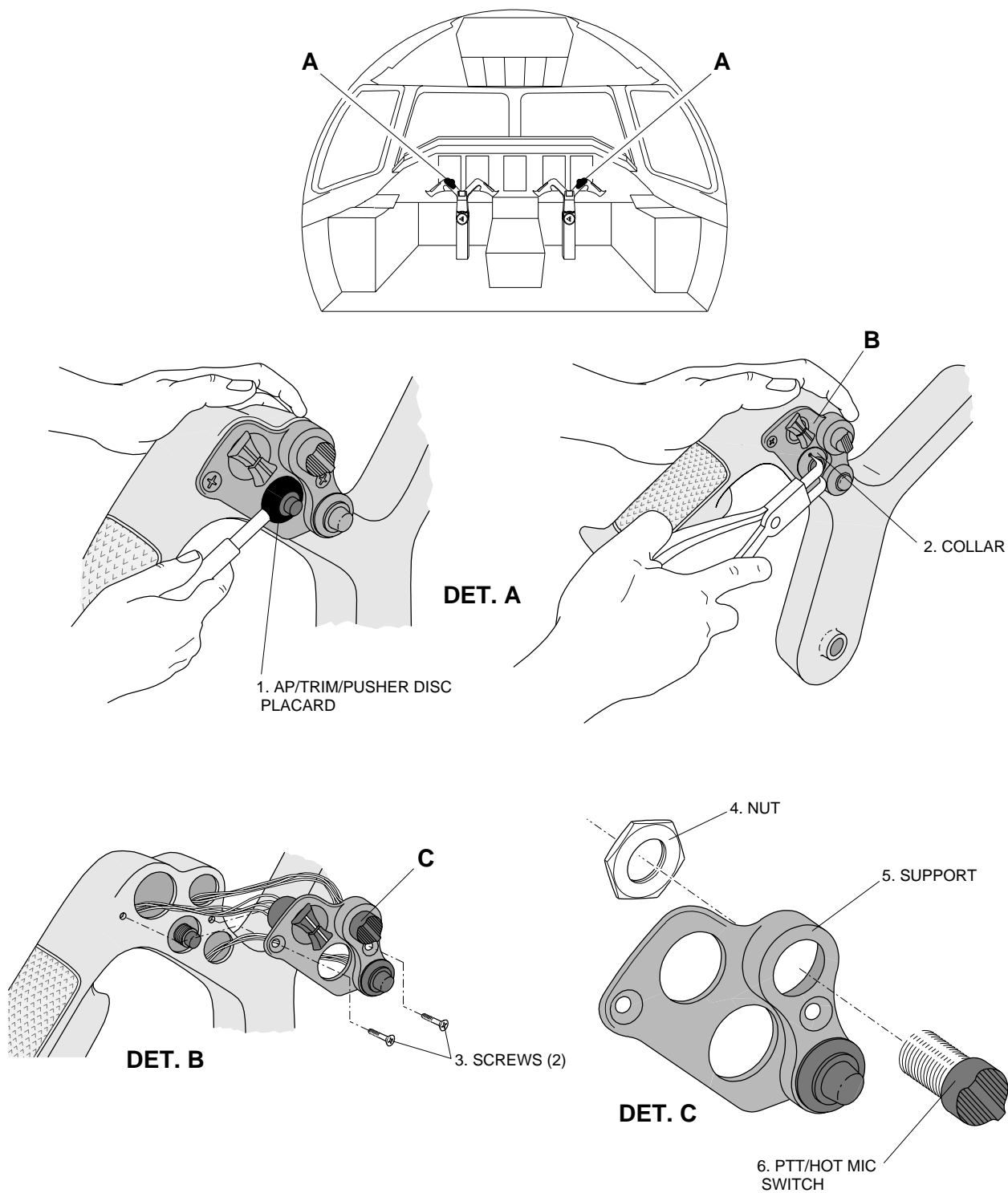
NOTE: Identify the unsoldered wires to avoid incorrect connections during the installation.

- (5) With a soldering iron, unsolder the electrical connections of the PTT/HOT MIC switch (6).
- (6) With a 9/16 wrench, remove the nut (4) that attach the PTT/HOT MIC switch (6) to the support (5).
- (7) Remove the PTT/HOT MIC switch (6) from the support (5).

EFFECTIVITY: ALL

PTT/HOT MIC switch - Removal/Installation

Figure 401



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TASK 23-51-02-400-801-A  
EFFECTIVITY: ALL

### 3. PTT/HOT MIC SWITCH - INSTALLATION

#### A. General

(1) This procedure gives the instructions to install the PTT/HOT MIC switch.

#### B. References

REFERENCE	DESIGNATION
AMM TASK 20-12-01-930-801-A/200	-
<a href="#">AMM TASK 23-51-00-700-802-A/500</a>	AUDIO SYSTEM - OPERATIONAL TEST
IPC 11-31-02	PLACARDS, CONTROL YOKE

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Cockpit - LH
224		Cockpit - RH

#### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Soldering Iron	To solder the wires in the PTT/HOT MIC switch	
P/N 15150-7	Pliers	To install the collar in the support	
Commercially available	9/16 wrench	To install the nut that attach the PTT/HOT MIC switch to the support	

#### E. Auxiliary Items

Not Applicable

#### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-I-23053	Heat-shrinkable Sleeve RNF-100 1/8-9	AR
QQ-S-571	Solder RO 60	AR

#### G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
AP/TRIM/PUSHER Disc placard	IPC 11-31-02	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the cockpit, on the control wheel

I. Installation (Figure 401)

**SUBTASK 420-002-A**

- (1) Put the PTT/HOT MIC switch (6) in its installation position in the support (5).
- (2) With a 9/16 wrench, install the nut (4) that attaches the PTT/HOT MIC switch (6) to the support (5).  
**NOTE:** The solder points must be protected with heat-shrinkable sleeves.
- (3) With a soldering iron, solder the wires of the electrical connections on the PTT/HOT MIC switch (6).
- (4) Carefully, put the support (5) in its installation position at the control wheel front.
- (5) Install the screws (3).
- (6) With a pair of pliers, install the collar (2) to the support (5).
- (7) Install the AP/TRIM/PUSHER Disc placard (1) (IPC 11-31-02) (AMM TASK 20-12-01-930-801-A/200).

J. Follow-on

**SUBTASK 842-002-A**

- (1) On the circuit breaker panel, close the circuit breakers listed below and remove the DO-NOT-CLOSE tag from them:
  - INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1).
  - INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2).
  - INTPH 3 (Location Tip: DC BUS 2/COMM/INTPH 3).
  - AP1 (Location Tip: DC BUS 1/FLIGHT CONTROLS).
  - PITCH TRIM 2 (Location Tip: ESSENTIAL DC BUS 2).
- (2) Do the Audio System operational test ( [AMM TASK 23-51-00-700-802-A/500](#)).