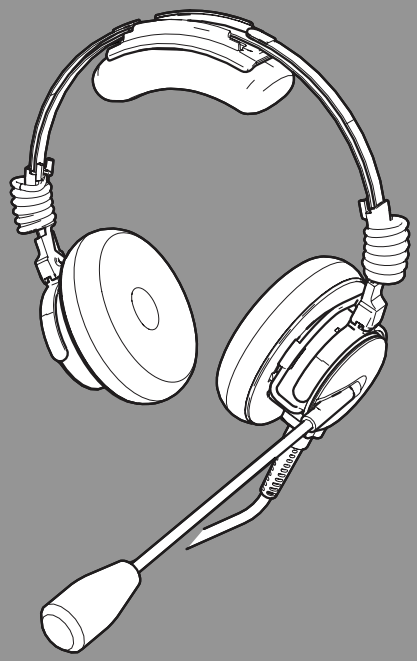
TELEX

AIRMAN 7P

AIRMAN7P-0210 DOUBLE SIDE HEADSET, 2PJ | AIRMAN7P-0211 DOUBLE SIDE HEADSET, XLR5



en Customer Maintenance Manual

Table of contents

1 Record of Revisions

Revision No.	Revision Date	Change Description
01	04/2024	Creation

2 Purpose of manual

This manual contains information for overhaul and servicing of the Airman7P headsets.

2.1 Technical support

A liaison between the customer and factory is provided by the Bosch Product Support Department. Consultation and assistance on technical problems, part information, and availability of local and factory repair facilities is available.
When writing, include all information concerning problems and mail to:
To find the proper address and phone number for your region, please reference https://telex.com/aviation-solutions/contact-telex-aviation/.

2.2 Parts ordering

Replacement parts may be ordered from our parts department. When ordering, please include the following information:

- Model Number
- Part Description
- Part Number
- Quantity

To find the proper address and phone number for your region, please reference https://telex.com/aviation-solutions/contact-telex-aviation/.

2.3 Repairs

In order to maintain the FAA certification, all repairs to the headset must be made only by persons authorized under Part 43 of the Federal Aviation Agency regulations. Bosch offers full support, repair, and recertifcation.

2.4 Safety Precautions

Caution!
This information is for use by qualified personnel only. Have all service work and repairs performed by a trained technician.

- Unauthorized changes, modifications, or alterations to the product is prohibited.

Caution!
An ESD protection method should be applied before proceeding with any Mechanical/ Electrical instructions.

Caution!
Use of any replacement part, which does not have the same specifications, may cause malfunction in the device and could make the product not air-worthy.

Notice!
Any material to be disposed of should be done according to local environmental laws.

3 Introduction

The Telex AIRMAN 7P is a lightweight passive noise reduction headset designed specifically for optimizing pilot communications in commercial and business turbine aircraft. Building on the tradition of the Airman 750 and the Airman 7, AIRMAN 7P has improved durability, intelligibility, and comfort. Larger soft pliable ear cushions and headband pads combine with dual-direction ear cup pivots to provide increased passive noise reduction and long flight wearing comfort.

Model	Description
AIRMAN7P-0210	Double-side 600 Ohm headset, 2PJ connectors
AIRMAN7P-0211	Double-side 600 Ohm headset, XLR5 connectors

Reference view

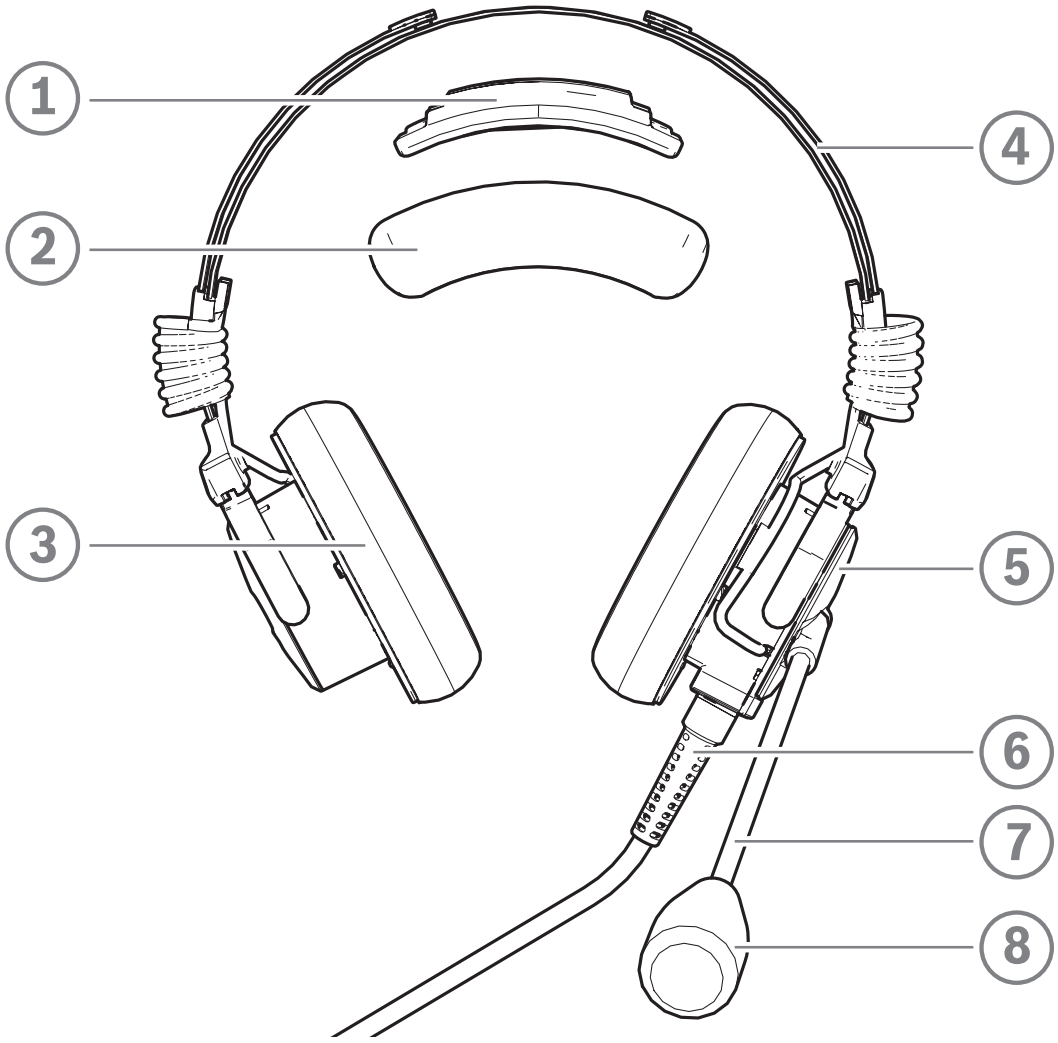


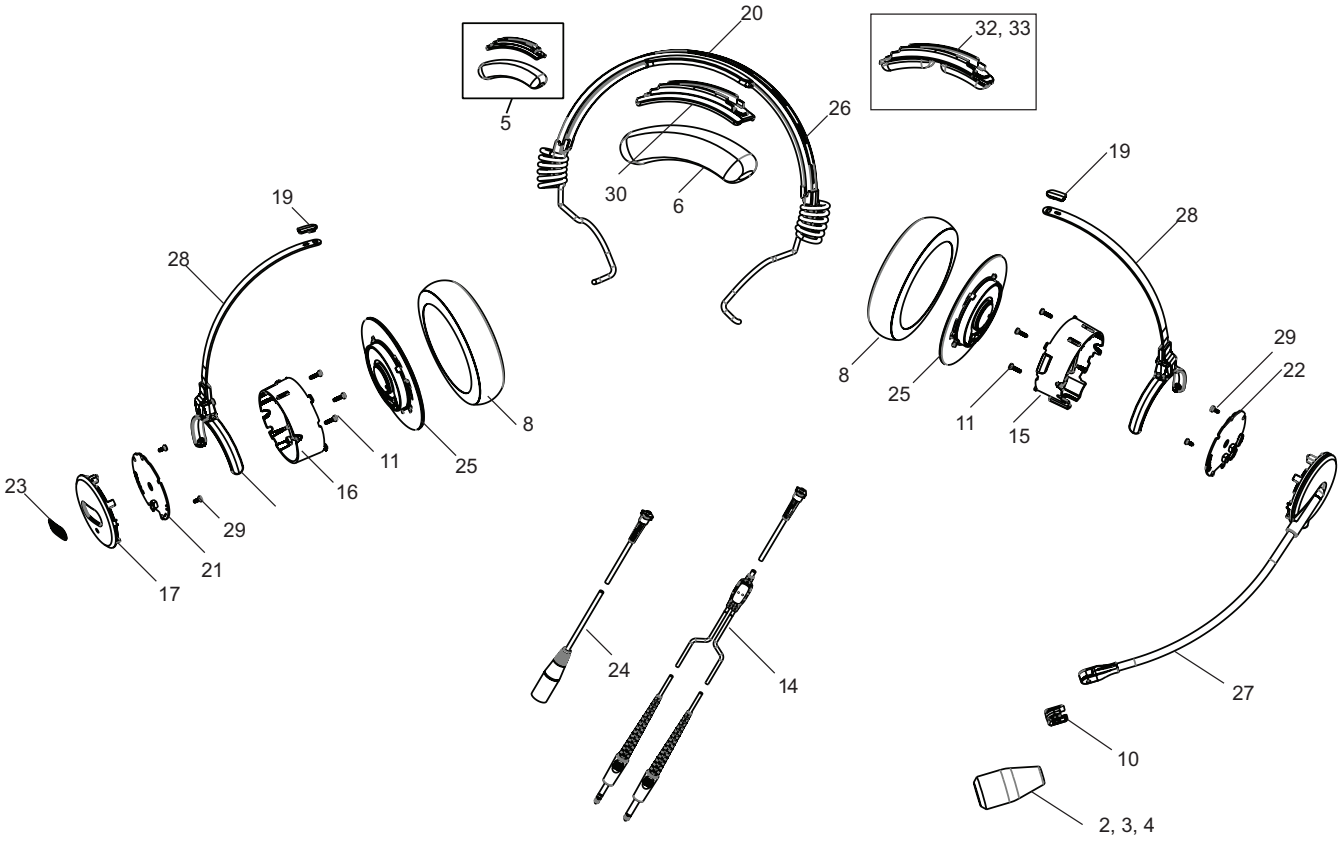
Figure 3.1: Headset Reference View

Call out	Description
1	Headband pad holder
2	Headband pad

Call out	Description
3	Ear cushion
4	Headband
5	Boom mic rotator
6	Cable
7	Boom mic
8	Windscreen

4 Parts list and exploded view

4.1 Exploded view



4.2 Parts list

Item	CTN	SPR ACC	Part No.	Description	Model	
					-210	-211
1[a]	AIRMAN8P-0909	ACC	F.01U.382.338	CARRYING CASE	1	1
2[b]	AIRMAN7-0900	ACC	F.01U.313.415	WINDSCREEN (2PCS) Airman 850/7/7P/8/8P	1	1
	S-F01U327249	SPR	F.01U.327.249	WINDSCREEN (SINGLE) Airman 850/7/7P/8/8P		
3	AIRMAN7-9050	ACC	F.01U.393.945	WINDSCREEN BULK 50PC Airman 850/7/7P/8/8P	-	-
4	AIRMAN7-9100	ACC	F.01U.393.946	WINDSCREENS BULK 100PC Airman 850/7/7P/8/8P	-	-
5	AIRMAN8P-0911	ACC	F.01U.395.085	HEADBAND PAD AND HOLDER Airman 7P/8P		

Item	CTN	SPR ACC	Part No.	Description	Model	
					-210	-211
6 [b]	AIRMAN8P-0908	ACC	F.01U.382.336	HEADPAD Airman 7P/8P	1	1
	ESP-F01U360393	SPR	F.01U.383.827			
7 [a,b]	AIRMAN8P-0910	ACC	F.01U.382.339	SANITARY COVER AIRMAN 7P/8P (10PCS)	1	1
	ESP-F01U379003	SPR	F.01U.382.830	SPP SANITARY COVER AIRMAN 7P/8P (2 PCS)		
8 [b]	AIRMAN8P-0903	ACC	F.01U.382.337	EAR CUSHION AIRMAN 7P/8P (2PCS)	1	1
	ESP-F01U347235	SPR	F.01U.383.825	SPP EAR CUSHION AIRMAN 7P/8P (2PCS)		
9 [a,b]	AIRMAN7-0904	ACC	F.01U.313.419	CLOTHING CLIP	1	1
	S-F01U342113	SPR	F.01U.342.113			
10 [b,c]	AIRMAN7-0908	ACC	F.01U.344.857	MIC PREFILTER	1	1
	S-F01U346184	SPR	F.01U.346.184			
11	590404360	SPR	F.01U.109.816	SCREW, PT, PAN HEAD K15 X 6MM, BLK ZINC	6	6
12 [a]	54857101	SPR	F.01U.150.106	WIRE 28 AWG 212 WHITE	2	2
13 [a]	54857103	SPR	F.01U.150.110	WIRE 28 AWG RED	2	2
14	S-F01U342083	SPR	F.01U.340.083	CORD UNIT, PH Y-BLOCK	1	0
15	S-F01U342084	SPR	F.01U.342.084	EAR SHELL, BOOM SIDE AIRMAN 7+/8/8+	1	1
16	S-F01U342085	SPR	F.01U.342.085	EAR SHELL, NON BOOM SIDE AIRMAN 7P/8/8P	1	1
17	S-F01U342086	SPR	F.01U.342.086	COVER, NON BOOM SIDE AIRMAN 7P/8/8P	1	1
19	S-F01U342088	SPR	F.01U.342.088	GLIDER STOP (2 PCS)	1	1
20	S-F01U342090	SPR	F.01U.342.090	HEADBAND COVER	1	1
21	ESP-F01U401078	SPR	F.01U.402.500	PCBA, NON BOOM SIDE AIRMAN7P	1	1
22	ESP-F01U400820	SPR	F.01U.402.497	PCBA, BOOM SIDE AIRMAN 7P	1	1
23	S-F01U342097	SPR	F.01U.342.097	LABEL, TELEX	1	1
24	ESP-F01U384604	SPR	F.01U.383.824	CORD UNIT, XLR, 5M	0	1
25 [d]	ESP-F01U379469	SPR	F.01U.379.469	SPEAKER ASSY	2	2

Item	CTN	SPR ACC	Part No.	Description	Model	
					-210	-211
				AIRMAN 7P/8P (INCLUDING FACEPLATE AND SEAL)		
26	S-F01U344918	SPR	F.01U.344.918	OVER HEAD CABLE	1	1
27	S-F01U344922	SPR	F.01U.344.922	BOOM MIC ASSY AIRMAN 7P/8/8P	1	1
28	ESP-F01U360396	SPR	F.01U.383.835	GLIDER YOKE ASSY, AIRMAN 7P/8P	2	2
29	S-F01U344924	SPR	F.01U.344.924	SCREW, PT PAN HEAD K15 X 3.5MM (25 PCS)	4	4
30	ESP-F01U378961	SPR	F.01U.389.974	SPP HEADPAD HOLDER AIRMAN 7+/8+ (WITH VELCRO)	1	1
32	ESP-F01U351884	SPR	F.01U.359.827	HEADBAND PAD HOLDER AIRMAN 7/8	1	1
33 [b]	AIRMAN7-0906	ACC	F.01U.313.421	HEADBAND PAD AIRMAN 7/8	1	1
	S-F01U342089	SPR	F.01U.342.089	SPP HEAD PAD AIRMAN 7/8	1	1

a. Not shown

b. Either part number is acceptable

c. Acoustic cloth is included as part of this item

d. The speaker assembly includes the speaker and the faceplate

5 Maintenance

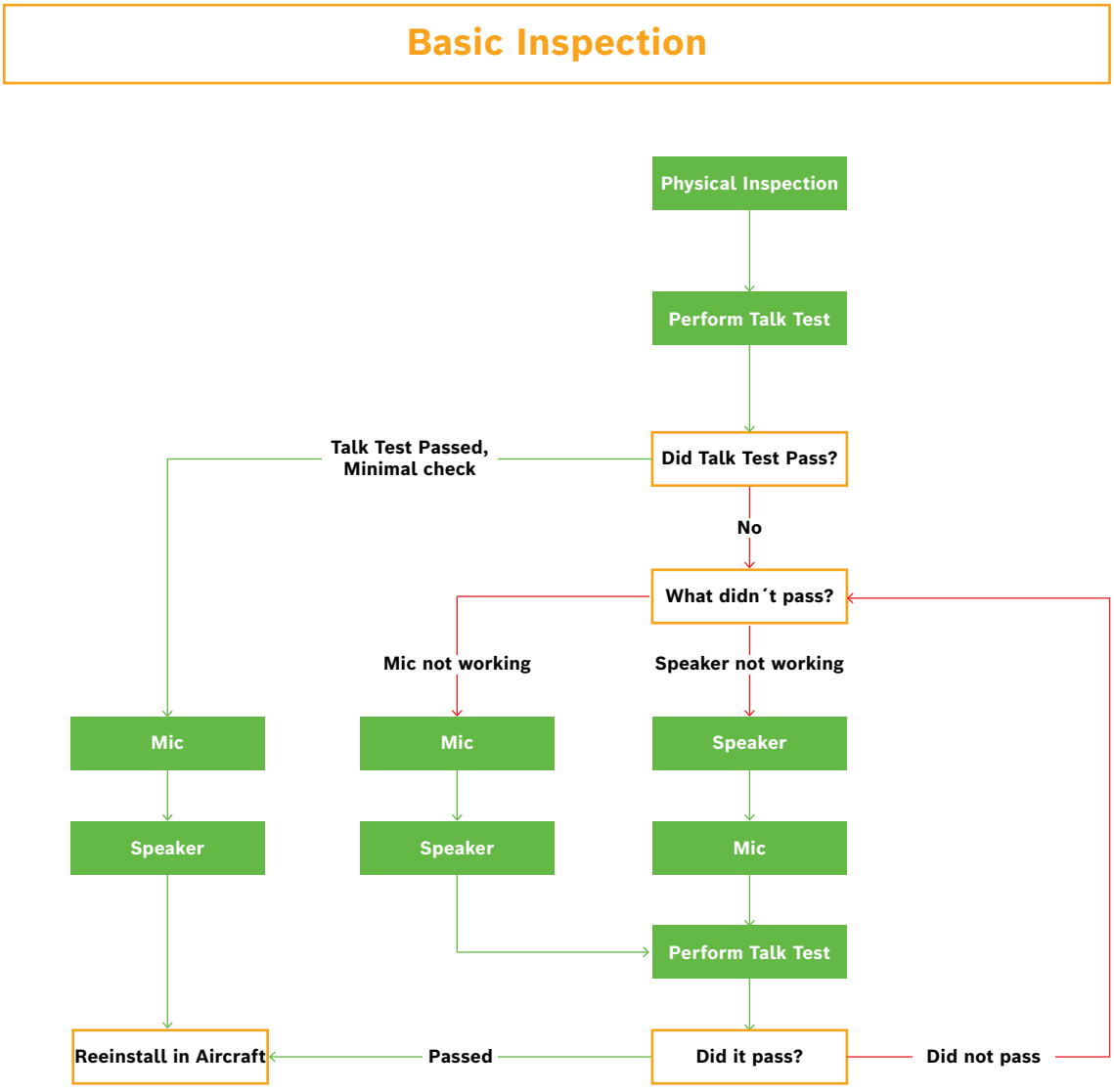
The AIRMAN 7P headset is designed so that the boom microphone sensitivity can be adjusted as required to meet specification requirements. These headset adjustments are made in order to alter performance. All other maintenance requires replacement of parts, fixing open wires, or removing shorted wires. See specification instructions for boom microphone adjustment.

5.1 Recommended maintenance schedule

Notice!
Ear cushions, headband pads, and microphone wind screens are considered wear items. For proper headset performance, these items need to be inspected and replaced at regular intervals. See the maintenance schedule below for more information. Headset performance diminishes if items are not replaced when deterioration or damage is apparent.

Tasks	Per Use	Monthly	6 Months
Check boom mic placement	X		
Check ear cup placement	X		
Check headband fit	X		
Clean connectors			X
Clean ear cushions		X	
Clean headband pad		X	
Check connection cable		X	
Inspect & replace windscreen, if necessary			X
Inspect & replace ear cushions, if necessary			X
Inspect & replace headband pad, if necessary			X

5.2 Basic inspection



Review all plastic parts for cracks or breaks

To review plastic parts, do the following:

– Note any parts which need to be replaced

Review all cables for obvious signs of damage to the insulating materials

To review cables, do the following:

– Look for any cables that have been pulled out of the housings.
– Look for any cables with unnatural or unusual bends or breaks.
– Note any cable assemblies that need to be replaced.

Review user replaceable items

To review user replaceable items, do the following:

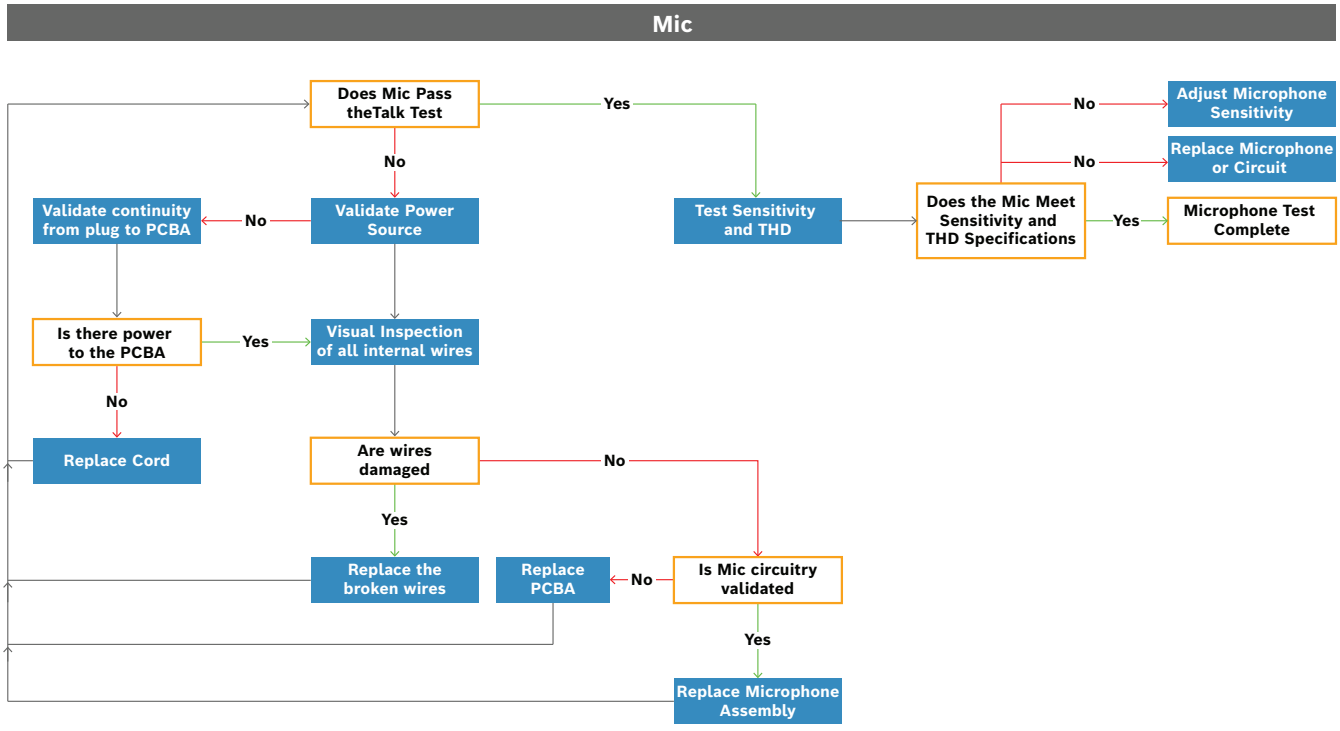
– Check ear cushions.
– Check headband pads.
– Check microphone windscreen.
– Check clothing clips.
– Note any replaceable items that need to be replaced.

Talk Test

When performing a talk test, things to be aware of:

- Note any unusual or unexpected noises, static, and oscillations.
- Note any distorted audio.
- Verify sound is heard in both ears.

5.3 Microphone troubleshooting



5.3.1 Validate continuity from plug to boom-side PCBA

To **validate continuity from the plug to the boom-side PCBA**, do the following:

1. Using an Ohmmeter, place **one probe** on the ring terminal of the PJ-068 plug or pin 3 of the XLR plug.
2. Place the **other probe** at J1 on the PCBA.
3. Record the **measurement**.
4. Using an Ohmmeter, place **one probe** on the sleeve terminal of the PJ-068 plug or pin 4 of the XLR plug.
5. Place the **other probe** at J2 on the PCBA.
6. Record the **measurement**.
   If the reading is approximately zero, continuity is good.
   If any other reading is seen, the continuity is bad. Replace the cable.

5.3.2 Validate mic circuity

To **validate the mic PCBA**, do the following:

1. Construct a **test circuit**.
2. Connect the **test circuit to the microphone**.
3. Apply a **signal/excitation** to the microphone.
   If audio signal is detected, the board is validated.
   If audio signal is not detected, the board should be replaced.

5.3.3 Microphone/amplifier sensitivity test

Notice!
This headset was designed, tested, and approved to FAA TSO C139a. The TSO requires the headset meet the minimum performance specifications as defined in RTCA DO-214a. This document and specifications listed here reference the test procedures and equipment used as defined in these standards. Refer to the standard for details on how to perform individual tests.

To **test sensitivity of the microphone**, do the following:

1. Calibrate an **artificial mouth**.
2. Using the test circuit from the mic validation and TSO procedures, measure the **output** of the headset microphone with a true RMS AC voltmeter.

5.3.4 Microphone sensitivity adjustment

The microphone gain has been factory-adjusted to the nominal level required for normal radio operation. Microphone sensitivity adjusts by turning the gain adjustment control.
To **adjust the microphone**, do the following:

1. Rotate the **boom mic clockwise** until the microphone gain adjustment access hole is aligned and open.
2. Insert a **2mm x 0.5mm flat-bladed screwdriver** into the gain adjustment access hole.

Notice!
If the gain adjustment access hole is properly aligned, the screwdriver can be inserted approximately ½-inch into the hole. If not properly aligned, the screwdriver only inserts approximately 1/8-inch into the hole.

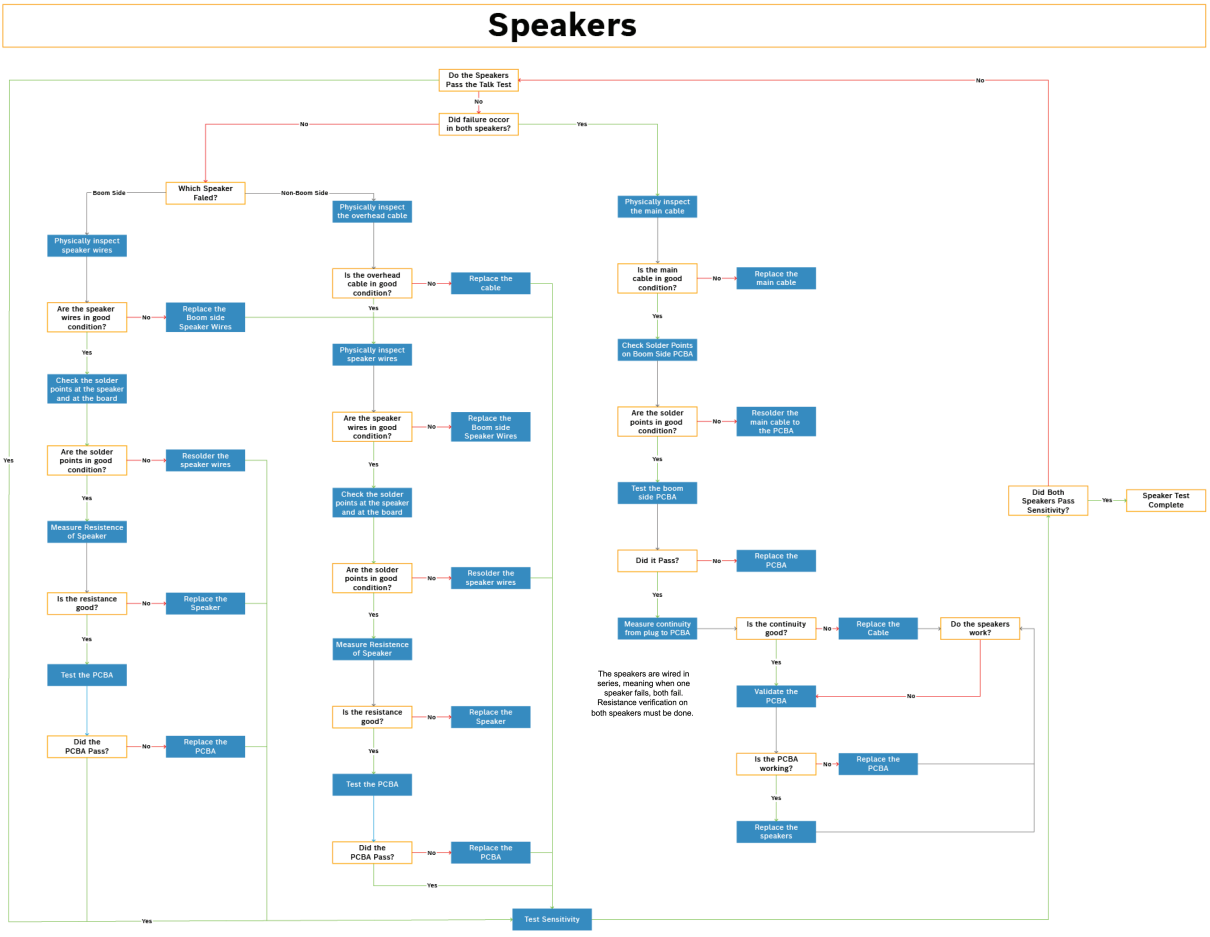
3. Turn the **gain adjustment potentiometer clockwise** to increase the gain.
   OR
   Turn the **gain adjustment potentiometer counterclockwise** to decrease the gain.

5.3.5 Microphone total harmonic distortion (THD) test

To **test the microphone THD**, do the following:

1. Calibrate the **sound pressure** to be 114 dB SPL at 6 mm from an artificial mouth.
2. Measure the **THD of the microphone** placed at that location using the same test circuit. It meets the TSO spec when THD is less than 5% from 350 Hz to 6000 Hz.
3. Increase the sound pressure input from 114 dB SPL to 120 dB SPL at frequency response peak must yield an output increase of at least 5 dB.

5.4 Speaker troubleshooting



5.4.1 Speaker sensitivity and frequency response verification

Notice!
This headset was designed, tested, and approved to FAA TSO C139a. The TSO requires the headset meet the minimum performance specifications as defined in RTCA DO-214a. This document and specifications listed here reference the test procedures and equipment used as defined in these standards. Refer to the standard for details on how to perform individual tests.

All models tested, unless noted otherwise.

Transducer Type:	Dynamic
Transducer:	600Ω
Impedance (at the earphone plug)	Must meet standards outlined in the specifications table in either the technical manual or the technical data sheet.
Sensitivity:	
Frequency Response	

5.4.2 Validate continuity from plug to boom-side PCBA

To **validate continuity from the plug to the boom-side PCBA,** do the following:

1. Using an Ohmmeter, place one probe on the tip terminal of the PJ-055 plug or pin 1 of the XLR plug.
2. Place the other probe at J7 on the PCBA.
3. Record the measurement.
4. Using an Ohmmeter, place one probe on the sleeve terminal of the PJ-055 plug or pin 2 of the XLR plug.
5. Place the other probe at J8 on the PCBA.
6. Record the measurement.
   - If the reading is approximately zero, continuity is good.
   - If any other reading is seen, the continuity is bad. Replace the cable.

5.4.3 Validate the PCBA

To **validate the PCBA**, do the following:

1. On the boom side PCBA, supply a **1 kHz sine wave, 1Vrms signal** between J7 and J8.
   - If a signal is heard from both speakers, the boards, speakers and wiring are good. If no sound is heard from one or both speakers, a speaker or the wiring is bad. Determine if a speaker needs to be replaced or the wires need re-soldering.
   - If no sound is heard from one or both speakers after the above step, one or both boards are not good and should be replaced.

5.5 Cleaning the headset and connectors

Notice!
Do not allow alcohol or any liquid to touch the speaker or microphone element directly.

To **clean the headset**, do the following:

- Clean the **plastic and metal headset parts** with a mild detergent with water and a soft towel or isopropyl alcohol wipes.

Notice!
Do not soak or allow liquid to puddle on the unit.

5.6 Cleaning the ear cushions and headband pads

Notice!
Do not soak cushions or pads.

To **clean the ear cushions and headband pads**, do the following:

- Gently wipe the **ear cushions** and **headband pad** thoroughly with a soft towel dampened with water or isopropyl alcohol.

5.7 Replacing ear cushions and headband pads

To ensure optimal product performance, it is recommended you replace ear cushions and headband pads periodically (every six months, or sooner if needed).
For more information, see *Recommended maintenance schedule, page 11*.

For detailed instructions on replacing the ear cushions, see *Ear cushion replacement, page 19*.
For detailed instructions on replacing the headband pads, see *Headband pad holder and headpad replacement, page 20*.

5.8 Installing and replacing the hygienic covers

Notice!
Two hygienic covers are included with the headset. Extra hygienic covers can be purchased separately.

To **replace the hygienic covers**, do the following:

1. Grasp the **edge of the hygienic cover** where it folds into the slot on the ear cup.
2. Gently pull the **hygienic cover** up and away from the ear cup.
3. Carefully work the **new cover** (starting at the top of the ear cup) around the ear cup until it is in place.

5.9 Replacing the windscreen

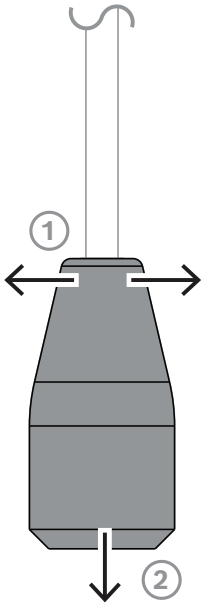
The foam windscreen, once removed from the microphone, can be cleaned using low pressure air to blow contaminates off from the exterior. If low-pressure air does not provide effective results, the windscreen should be replaced.

Notice!
Do not use any liquid on the foam windscreen.

To **remove the windscreen**, do the following:

Notice!
Do not use excessive force when removing the windscreen.
This may result in damage to the microphone.

1. Take care to **pull the sides of the windscreen away** from the mic pre-filter wings before removing the windscreen to avoid damaging the windscreen or microphone.



2. Grasp the **microphone windscreen** and gently pull away from the microphone.

To **replace the windscreen**, do the following:

- Slide the **new windscreen** over the microphone.

5.10 Headset storage

To **store the headset**, do the following:

1. Move the **boom mic above the headband**.
2. Coil the **cord** into a loop.
3. Place the **coiled cord and headset** in the carrying case.

6 Disassembly

The following procedure describes the complete disassembly of the AIRMAN 7P headset.

Notice!
The removal process requires the following steps to be followed in the order described. Assembly is the reversal of the disassembly procedure. Please take care when disassembling to note details that may be required in the reassembly process, such as the locations of disconnected wires.

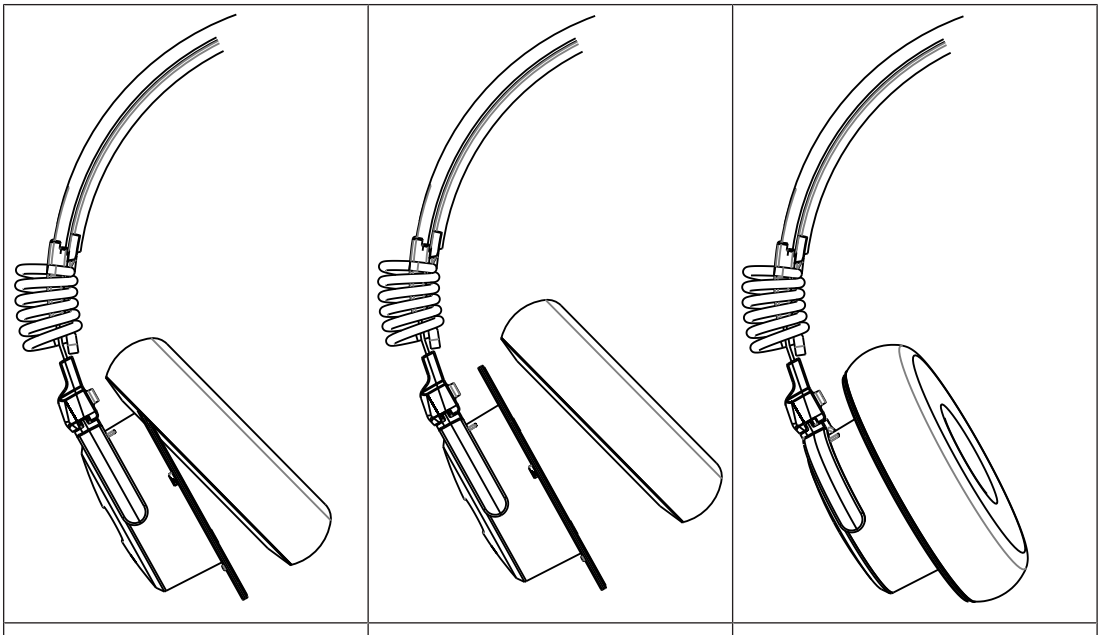
When soldering, be careful not to touch the plastic housing of the headset/headphone with the soldering iron.

Notice!
Only disassemble parts that are necessary for the repair.

6.1 Ear cushion replacement

To ensure optimal product performance, replace cushions and pads periodically.
For more information, see *Recommended maintenance schedule, page 11*.
To **replace the ear cushions**, do the following:

1. Remove the **hygiene covers**, if installed.
2. Grasp the **edge of the ear cushion** where it folds into the slot on the ear cup.
3. Gently pull the **ear cushion up and away** from the ear cup.
4. To install the replacement ear cushion, starting at the **top of the ear cup** (1), carefully work the **cushion around the cup** (2) until it is **in place** (3).



1	2	3

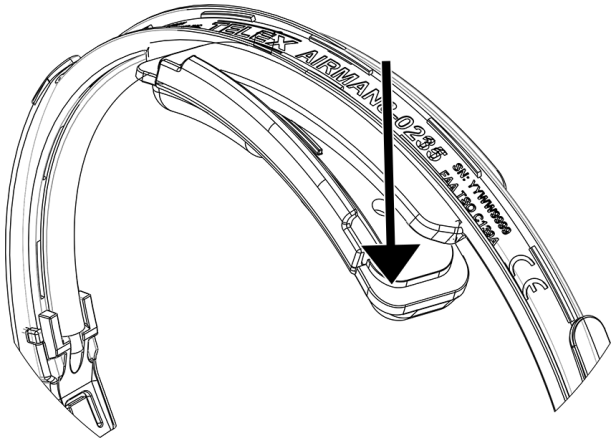
5. Verify the **replacement** is fully seated by visually inspecting around the cushion before use.

6.2 Headband pad holder and headpad replacement

There are two styles of headband pads, a low profile headpad and a thicker cushioned headpad. The thicker headpad comes installed on the headset.

To **replace the low profile headpad holder and headpad**, do the following:

1. At one end of the headpad holder, carefully pry the **holder** from the headband cover.

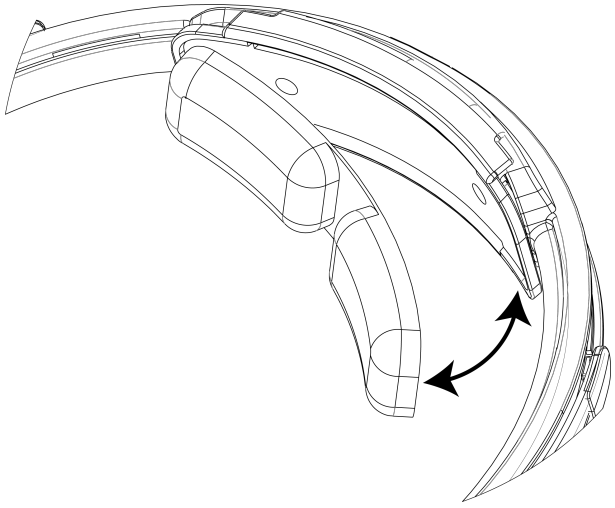


Notice!
Carefully twisting slightly on the headpad holder can help remove the piece easier.

2. With the new headpad holder, hook **one side of the headpad holder** over the headband cover.
3. Snap **the other side of the headpad holder** in place. Be sure the headpad holder edge is over the headband cover.

To **replace the low profile headband pad**, do the following:

1. Grasp the **edge of the headband pad**.
2. Gently pull the **headband pad** away from the headpad holder.
3. Remove the **paper** from the sticky side of the new headband pad.
4. Align the **headband pad** with the recessed area on the headpad holder.
5. Firmly press the **headband pad** into place.



To **replace the thicker cushioned headband pad**, do the following:

1. Grasp the **edge** of the headband pad.

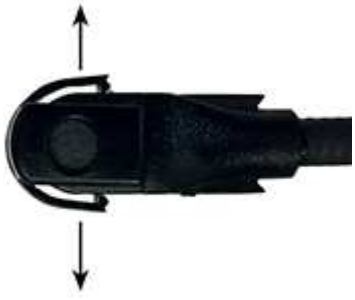
2. Gently pull the **headband pad** away from the headpad holder.
3. Align the **new headband pad** with the Velcro on headpad holder.

4. Firmly press **the new headband pad** into place.

6.3 Remove the mic prefilter

To **remove the prefilter**, do the following:

- Carefully pry the **prefilter** from the mic.



6.4 Remove the yoke assembly from the headband assembly

To **remove the yoke assembly from the headband assembly**, do the following:

1. Use a fingernail to lift the **bottom edge of the black plastic spacer**.
2. Swivel the **black plastic spacer** to the side and remove it from the assembly.

3. Slide the **yoke assembly** off of the headband.

6.5 Boom side disassembly

To **remove the speaker assembly and sleeve**, do the following:

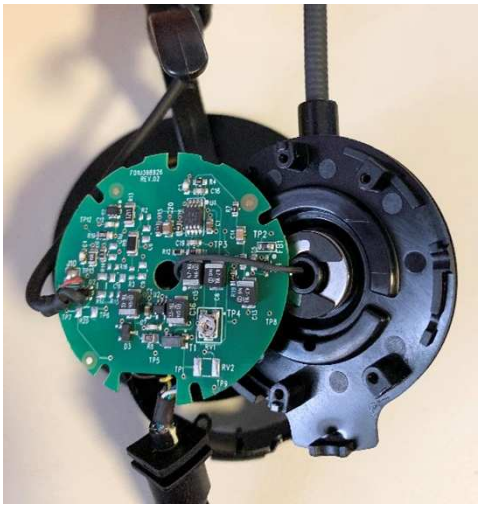
1. At the same time, push the **two retaining cams** located in the speaker assembly out of the way.
2. Rotate the **speaker faceplate** approximately 15° clockwise.

3. Using a T-5 screwdriver, remove **three screws** (as shown).

4. Remove the **housing and the yoke/glider assembly**.

5. Using a T-5 screwdriver, remove **two screws** (as shown).

6. Remove the **PCBA**.
7. Using a soldering iron, carefully disconnect the **wires from the speaker and overhead cord and boom mic assembly**, as needed.



Notice!
Take care to avoid touching the plastic housing with the soldering iron.

6.6 Non-boom side disassembly

To **remove the speaker assembly and sleeve**, do the following:

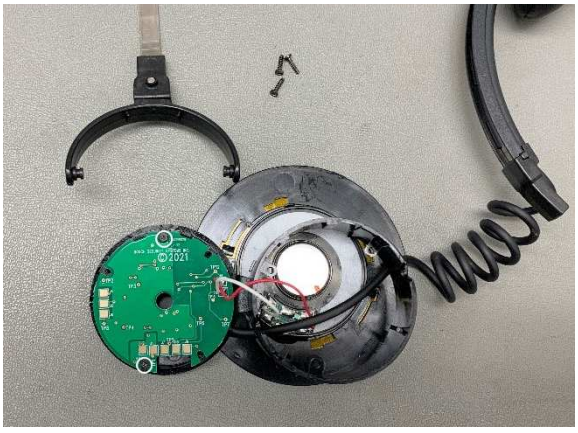
1. Pushing the two retaining cams simultaneously on the speaker assembly, rotate the **speaker faceplate approximately 15° clockwise**.

Notice!
To avoid pulling the wires from the board, do not pull the speaker assembly more than 12mm from the ear shell.

2. Using a T-5 screwdriver, remove **three screws** (as shown).

3. Remove the **housing and the yoke/glider assembly**.

4. Using a T-5 screwdriver, remove **two screws** (as shown).



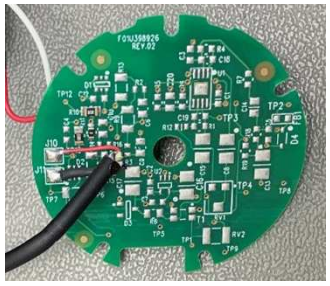
5. Remove the **PCBA**.
6. Using a soldering iron, carefully disconnect the **wires from the speaker and overhead cord**, as needed.

7 Assembly

7.1 Boom side assembly

To **assemble the boom side assembly**, do the following:

1. Solder the **overhead cord** to the PCBA.

J10	Red	
J11	Shield	

2. Solder the **cable assembly** to the PCBA.
3. Thread the **boom mic wires** through the center hole.
4. Using the two shorter screws, attach the **PCBA** to the boom mic assembly.

5. Solder the **boom mic wires to the PCBA**.

Notice!
Use shield as an anchor point so there is slack on smaller wires.

J4	Red
J5	Green
J6	Shield

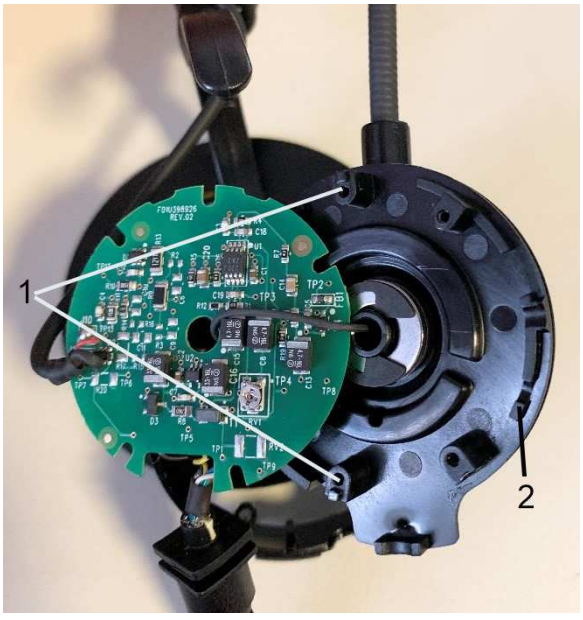
6. Solder the main cord to the PCBA

	AIRMAN7P-0210	**AIRMAN7P-0211**
J7	Yellow	
J8	Black	
J2	Blue	Drain wire + blue
J1	White	
J13	No Connection	

7. Route the **speaker wires** through the housing and solder to the PCBA.

J9	Red
J12	White

8. Route the **overhead cord** and the **headset cord** through the corresponding grooves provided on the boom.

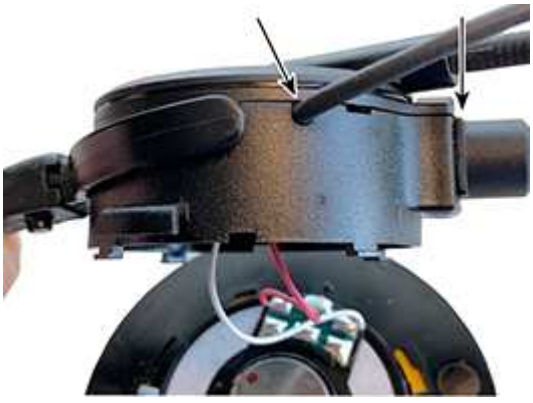


1. Alignment post for the PCBA screw
2. Path for overhead cable

Notice!
Take care to verify the orientation of the yoke, because it does not rotate 360°.

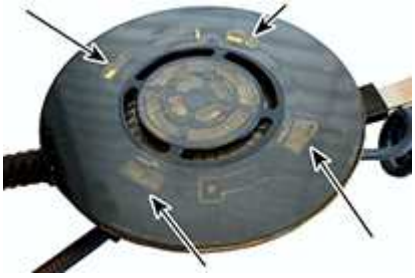
Notice!
The side with the deep grooves goes toward the speaker.

9. Place the **housing** on the boom mic assembly.
10. Make sure the overhead cord is in the correct slot and the jacket is fully inside the housing. Also, make sure the headset cord is properly located in the housing.



11. Using a T-5 screwdriver, replace the **three screws** (as shown) to attach the yoke and housing to the PCBA.
12. Position the **overhead cord** in the guide, and then align the knob of the faceplate toward the bottom.
13. Align the **four tabs** on the faceplate, and then rotate counterclockwise to lock.

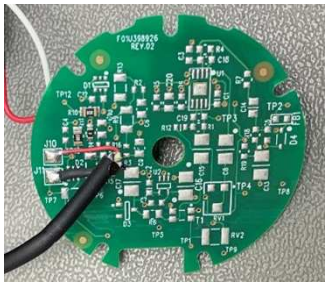
Notice!
Verify all four tabs engage and retaining tabs are in the groove.



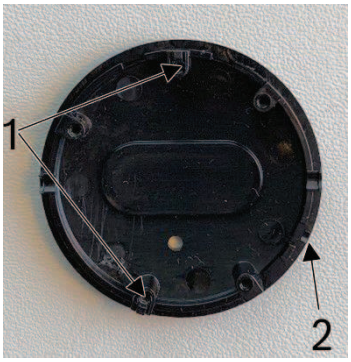
14. Carefully wind the **overhead cord** around the glider.

7.2 Non-boom side assembly

To **assemble the non-boom side assembly**, do the following:

J10	Red	
J11	Shield	

1. Using the two shorter screws, attach the **PCBA** to the cover.

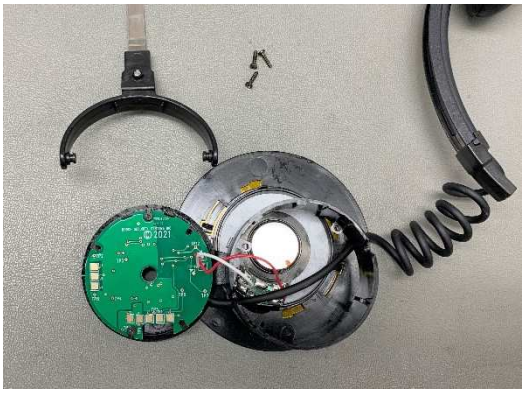


1	Alignment posts for PCBA screw
2	Path for overhead cord

Notice!
Align the red wire with the polarity dot on the speaker (as shown)

J9	Red	
J12	White	

2. Route the **speaker wires** through the housing and solder to the PCBA.



1. Place **yoke** on the housing.

Notice!
Take care to verify the orientation of the yoke, because it does not rotate 360°.

2. Place the **cover** on the housing.

3. Using a T-5 screwdriver, replace the **three screws** (as shown) to attach the yoke and housing to the PCBA.

4. Position the **overhead cord** in the retaining clip and align the **knob** of the faceplate toward the bottom.
5. Align the **four tabs** on the faceplate, and then rotate counterclockwise to lock.

Notice!
Verify all four tabs engage and retaining tabs are in the groove.

6. Carefully wind the **overhead cord** around the glider.

7.3 Attach the prefilter

To **attach the prefilter**, do the following

- Carefully clip the **prefilter** to the mic.

7.4 Replace the yoke assembly on the headband assembly

To **replace the yoke assembly on the headband assembly**, do the following:

1. Slide the **yoke assembly** onto the headband.

2. Place the **glider stop** in the appropriate hole on the glider.
3. Swivel the **spacer** in line with the glider.

4. Click the **bottom edge of the black plastic spacer** into the retaining hole.

7.5 Reinstall the headband cover

To **reinstall the headband cover**, do the following:

1. Take care to verify the **overhead cord** lays between the guides.
2. Ensure the **cover** fully encloses around the headband at both sides.

8 Wiring diagrams and connectors

AIRMAN 7P Series headsets are available with multiple connector styles depending on the application of use. All models utilize custom cables developed specifically for cockpit use. All connection points implement strain and bend relief features to provide long-term durability. Shielded wire throughout the headset protects against **RFI** (Radio Frequency Interference) and **EMI** (Electromagnetic Interference).

PJ-068 / PJ-055 Connector Diagram for Airman7+ - 0210

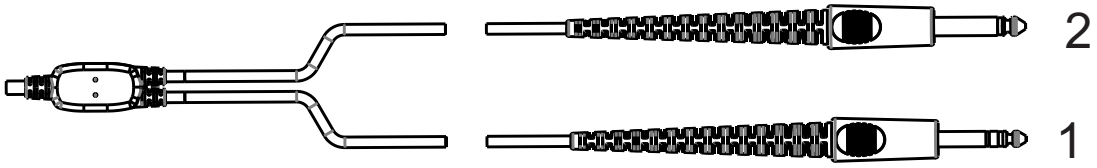


Figure 8.1: PJ Connector

1	PJ-068 or equivalent	Description
	Tip	Not Used
	Ring	Mic Signal (Power +)
	Sleeve	Mic GND (Power -)

2	PJ-055 or equivalent	Description
	Tip	Headphone Signal
	Sleeve	Headphone GND

5-Pin XLR Connector Diagram for Airman7+ - 0211

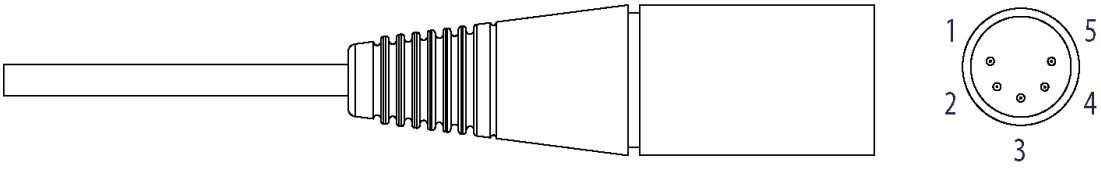
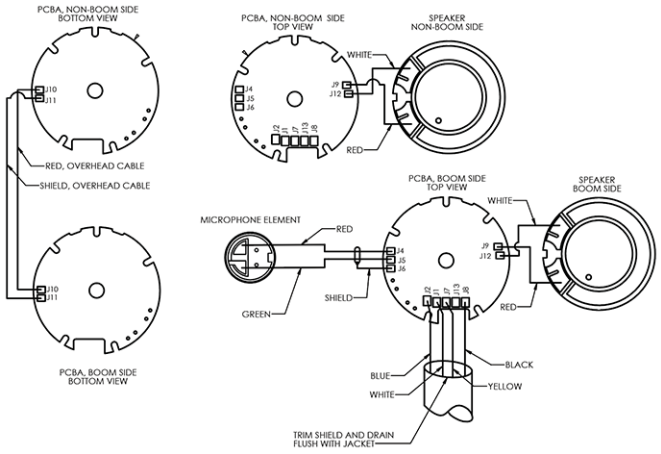


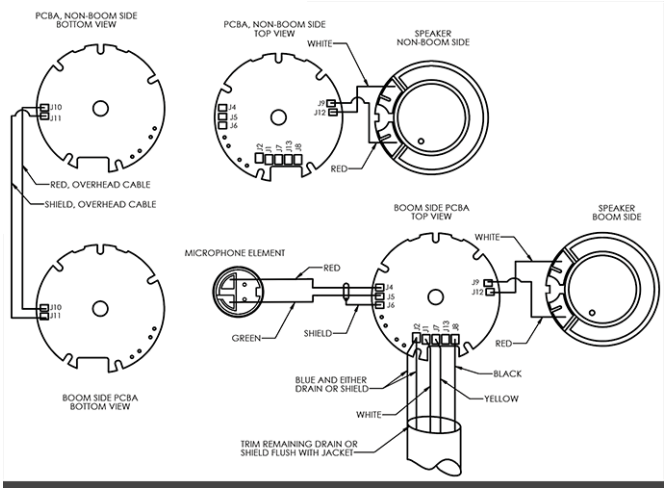
Figure 8.2: Airman 5-pin XLR

Pin	Description	Color
1	Headphone Signal	Yellow
2	Headphone GND	Black
3	Mic Power and Signal	White
4	Mic GND	Blue/Drain or Shield
5	Power	Not used

F01U398270, AIRMAN 7+ 2PJ, HEADSET WIRING DIAGRAM



F01U398271, AIRMAN 7+ XLR, HEADSET WIRING DIAGRAM



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