

GARMIN GMA 1347/1360D AUDIO PANEL - REMOVAL/INSTALLATION

1. General

- A. This section gives the removal and installation maintenance procedures for the Garmin GMA 1347/1360D Audio Panel. For a general overview of the GMA audio system refer to Garmin GMA 1347/1360D Audio System - Description and Operation.

2. Tools and Equipment

NOTE: For the supplier publication part number and manufacturer data, refer to the Introduction - Supplier Publication List.

- A. Tools and Equipment
- None.
- B. Special Consumables
- None.
- C. Reference Material
- Chapter 23, Garmin GMA 1347/1360D Audio System - Description and Operation
 - Chapter 23, Garmin GMA 1347/1360D Audio System - Adjustment/Test.

3. Setup

- A. Prepare the Airplane
- (1) Put the BATTERY switch to the OFF position.
 - (2) Put the AVIONICS switches to the OFF position.
 - (3) Disconnect external electrical power from the airplane.
 - (4) Disengage the circuit breaker given in Table 401.

Table 401. Circuit Breakers

Circuit Breaker Name	Circuit Breaker Location
AUDIO 1	Avionics Circuit Breaker Panel
AUDIO 2 (optional if second GMA 1347/1360D audio panel installed)	Avionics Circuit Breaker Panel

4. Garmin GMA 1347/1360D Audio Panel Removal

NOTE: Airplanes 20800500 and On and Airplanes 208B2000 and On with G1000 System Software versions up to (v.2499.03) have the pilot's GMA 1347 audio panel installed. Airplanes can have the optional copilot's GMA 1347 installed. The removal and installation of each of the two audio panels are identical except as indicated in the text that follows. Airplanes with G1000 System Software versions (v.2499.08 and On) have two GMA 1360D Audio Panels installed.

- A. Remove the Garmin GMA 1347/1360D Audio Panel (Refer to Figure 401 for G1000 System Software versions up to (v.2499.03) and Figure 402 for G1000 System Software versions (v.2499.08 and On).
- (1) Turn the captive screw on the face of the audio panel counterclockwise until it releases from the mounting tray.
 - (2) Carefully pull the audio panel out of the mounting tray.
- B. Remove the Garmin GMA 1347/1360D Audio Panel
- (1) Turn captive hex screw on the face of the audio panel counterclockwise until it releases from the mounting tray.
 - (2) Carefully pull the audio panel out of the mounting tray.
 - (3) Disconnect connectors behind the audio panel.

5. Garmin GMA 1347/1360D Audio Panel Installation

- A. Install the Audio Panel (Refer to Figure 401).
- (1) Put the audio panel in its correct position on the mounting tray and carefully move it forward in the mounting tray.
 - (2) Turn the captive screw on the face of the audio panel clockwise until the audio panel is attached to the mounting tray.
 - (3) Engage the AUDIO 1 or AUDIO 2 circuit breaker as applicable, found on the Avionics circuit breaker panel.

B. Garmin GMA 1347/1360D Audio Panel Installation

- (1) Put the audio panel in its correct position on the mounting tray, connect electrical connector, and carefully move it forward in the mounting tray.
- (2) Turn the captive hex screw on the face of the audio panel clockwise until the audio panel is attached to the mounting tray.
- (3) Engage the AUDIO 1 or AUDIO 2 circuit breaker as applicable, found on the Avionics circuit breaker panel.

6. Garmin GMA Audio Panel Post-Maintenance Checks**A. Do the Garmin GMA Audio Panel Post-Maintenance Checks.**

- (1) If the GMA 1347/1360D was replaced do the G1000 Baseline Software/Configuration Load. Refer to the Garmin G1000 Integrated Avionics - Adjustment/Test.
- (2) If the second optional GMA 1347 is installed do the Dual GMA 1347 Configuration Load, or the LRU replacement feature. Refer to the Garmin G1000 Integrated Avionics - Adjustment/Test.

NOTE: If only one GMA 1347 or both GMA 1360D audio panels are installed, the installation of the LRU is covered in the baseline software configuration load.

- (3) Do a check of the GMA Audio Panel. Refer to Garmin GMA 1347/1360D Audio System - Adjustment/Test.
- (4) Do a Marker Beacon Antenna and Audio Operational Check, refer to Landing Aids- Adjustment/Test.

7. Closeout

Figure 401 : Sheet 1 : GMA 1347/1360D Audio Panel Installation for G1000 System Software versions up to (v.2499.03)

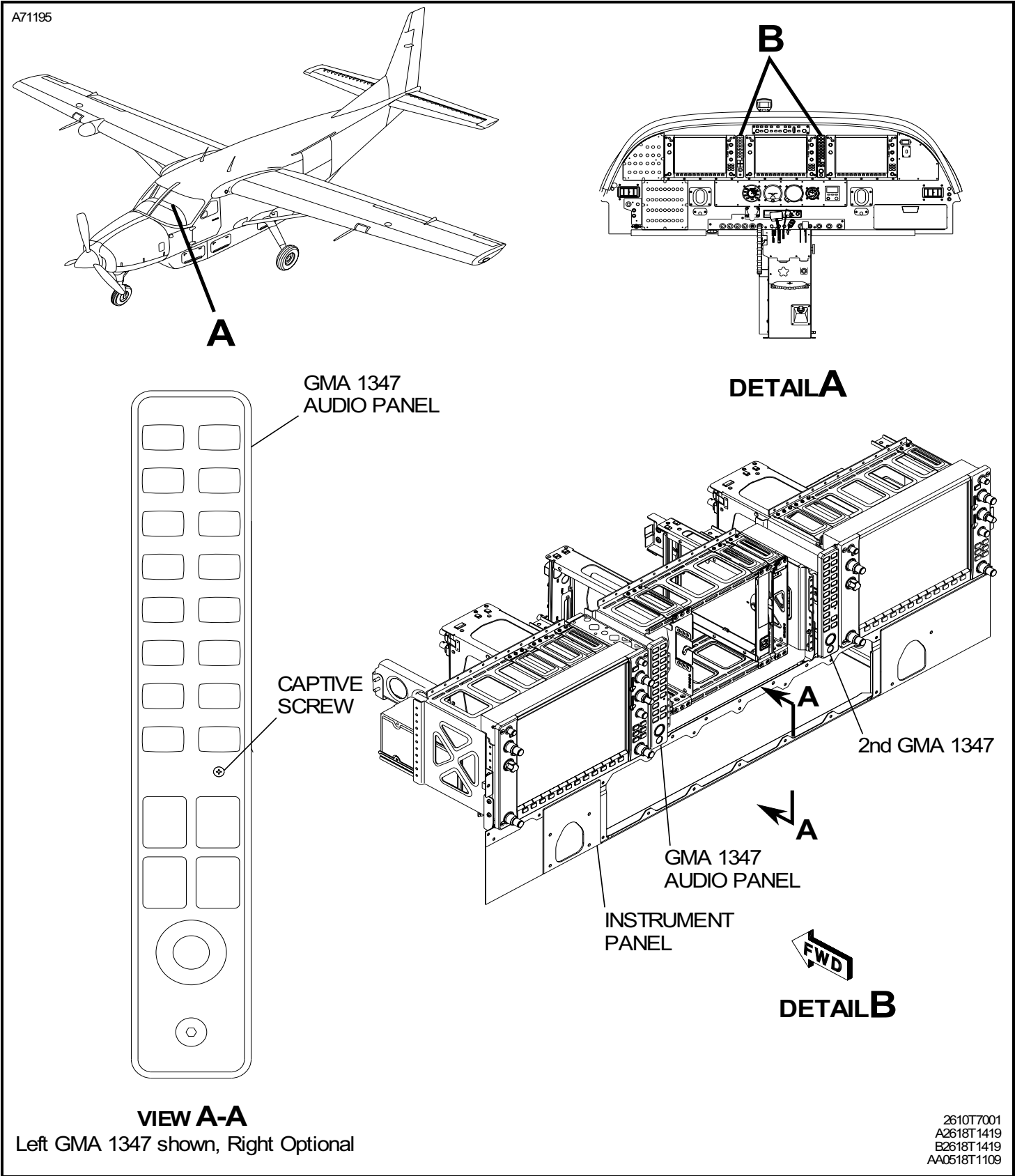


Figure 402 : Sheet 1 : GMA 1347/1360D Audio Panel Installation for G1000 System Software versions (v.2499.08 and On)

