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› GUA 12.1-inch Android Car Stereo Upgrade for Ford F150 (2015-2020) - V2 Instruction Manual

GUA V2

GUA 12.1-inch Android Car Stereo Upgrade for Ford F150 (2015-2020) - V2

INSTRUCTION MANUAL

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your GUA 12.1-inch Android Car Stereo Upgrade, Model V2. Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your experience.

The GUA 12.1-inch Android Car Stereo is designed to enhance your driving experience with advanced features such as GPS navigation, Apple CarPlay, Android Auto, Bluetooth connectivity, and a large HD touch screen display.



Image 1.1: GUA 12.1-inch Android Car Stereo installed in a Ford F150 dashboard.

2. Vehicle Compatibility

This car radio is compatible with **Ford F150 models from 2015 to 2020**, across all trim levels. It features a plug-and-play design, eliminating the need for special dongles for most 2015-2020 F150 models.

- **Note for 2020+ Super Duty Trucks:** For models with base and B&O systems, special harnesses are not required.
- This radio will **not** retain your original audio system.
- **Model V2** is specifically compatible with the B&O Audio System and does not require an extra adapter or special wiring harnesses for B&O integration.

For Ford F150 2015-2020

More atmospheric appearance, a larger screen, bring you a greatly distinct viewing experience



Image 2.1: GUA 12.1-inch Android Car Stereo highlighting compatibility with Ford F150 2015-2020 models.

3. What's in the Box

Please verify that all components listed below are included in your package:

- 12.1" Capacitive Touch Screen (x1)
- Custom Bezel (x1)
- Main Harness (x1)
- GPS Antenna (x1)
- Knob/USB/Radio Cable/CanBox (x1)
- Audio Out Harness (V2 Only) (x1)
- Video/Audio In Harness (x1)
- Tool Kit (x1)

PACKAGE LIST



Image 3.1: Visual representation of the package contents for the GUA 12.1-inch Android Car Stereo.

4. Setup and Installation

The GUA 12.1-inch Android Car Stereo is designed for a plug-and-play installation in compatible Ford F150 models. While the design simplifies the process, professional installation is recommended to ensure correct wiring and integration with your vehicle's systems.

4.1. Retained Factory Functions

The unit is designed to retain and integrate the following factory functions:

- USB ports
- Steering Wheel Controls
- Steering Wheel Heater
- Ambient Lighting Controls
- Heated Seat Controls

- Cooled Seat Controls
- Massaging Seat Controls
- Factory Rear Camera
- Factory Front Camera
- Factory 360-Degree Camera (no additional adapter required for 360 system)
- Manual HVAC Controls
- Automatic HVAC Controls
- Factory Remote Start
- Factory Wi-Fi Hotspot
- B&O Audio System (V2 Only, no additional adapter required)

4.2. Non-Retained Factory Functions

The following factory functions are **not** retained with the installation of this unit:

- SYNC system
- Satellite radio
- HD radio
- CD Player
- Driver Information Center radio & navigation displays
- Auto-parking/Parking assistance
- Auto HVAC & heated seats/wheel from factory remote start (manual settings are supported)

For F150 2015-2020



**After
Installation**

**Before
Installation**



Image 4.1: Comparison of the Ford F150 dashboard before and after installation of the GUA 12.1-inch Android Car Stereo.

5. Operating Instructions

The GUA 12.1-inch Android Car Stereo features an intuitive touch screen interface for easy operation of all functions.

5.1. GPS Navigation

The unit includes built-in Polnav GPS Satellite Navigation by Polstar Technologies. It supports both online and offline maps, including popular applications like Apple Maps, Google Maps, and Waze. This allows for focused navigation while driving.

PACKAGE LIST



Image 5.1: The GUA 12.1-inch Android Car Stereo displaying a GPS navigation map.

5.2. Apple CarPlay and Android Auto

The system features built-in wired Apple CarPlay (licensed) for seamless integration with iPhone capabilities. It also supports Mirror Link, allowing you to project your mobile phone screen onto the car stereo display. Wireless Android Auto is supported.

Licensed Wired Apple CarPlay

Supports steering wheel buttons and Voice Control



Image 5.2: The GUA 12.1-inch Android Car Stereo displaying the Apple CarPlay interface.

5.3. Bluetooth Connectivity

The licensed Bluetooth module supports hands-free calling, phone book download, and APTX Loss Less music streaming for high-quality audio playback.

5.4. AM/FM Radio

Enjoy AM/FM radio with a DSP (Digital Signal Processor) featuring a 10-channel EQ for customized audio. The unit includes Pre-Amp Out RCA 5.1 Channels for aftermarket speakers and F150 audio upgrades.

5.5. Media Playback and Internet Access

The system supports USB media playback. With the built-in WiFi module, you can share a hotspot from your phone to access online content, watch videos, or browse the internet. A warning is displayed for video playback while driving:

Warning: As the driver, you may not use applications that will distract you from traffic. Please engage the parking brake to watch video.

5.6. Camera Support

The unit includes a reserved video channel for additional camera signal input, supporting front, rear, and 360-degree cameras.

5.7. Feature Demonstration Video

Watch this video for a demonstration of the GUA 12.1-inch F-150 screen features, including climate control, navigation, video playback, and camera views.

Your browser does not support the video tag.

Video 5.1: Demonstration of GUA 12.1-inch F-150 Screen Features.

6. Maintenance

To ensure the longevity and optimal performance of your GUA car stereo, follow these maintenance guidelines:

- **Operating Temperature:** The unit is designed to operate reliably within a temperature range of -40°F to 185°F (-40°C to +85°C).
- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. Avoid abrasive cleaners or harsh chemicals that could damage the display.
- **General Care:** Keep the unit free from dust and moisture. Ensure all connections are secure.

7. Troubleshooting

If you encounter any issues with your GUA 12.1-inch Android Car Stereo, please refer to the following general advice:

- **No Power:** Check all power connections and fuses. Ensure the vehicle's ignition is on.
- **No Audio:** Verify speaker connections and audio settings. Ensure the volume is not muted or set too low.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, contact technical support.
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Connectivity Problems (Bluetooth/Wi-Fi):** Check device pairing and network settings. Ensure devices are within range.

For further assistance, our professional technical support team is available 24/7 to answer your questions and provide guidance.

8. Specifications

Key technical specifications for the GUA 12.1-inch Android Car Stereo (Model V2):

Feature	Specification
Brand	GUA
Model Name	Car Radio Stereo Upgrade for Ford F150
Vehicle Service Type	Truck
Screen Size	12.1 Inches
Special Features	Touchscreen, GPS Navigation, WiFi, Wired Apple CarPlay (Licensed), Bluetooth (Licensed)

Feature	Specification
Connectivity Technology	Bluetooth, Licensed Apple CarPlay (Wired), USB Media Playback
Map Type	North America
Audio Output Mode	Stereo, Speaker
Mounting Type	Dashboard Mount
Resolution	1024 x 768
Operating System	Android
Memory Storage Capacity	32 GB
Touch Screen Type	Capacitive
Display Type	LCD
Human-Interface Input	Touchscreen
Compatible Devices	Ford F150 2015 2016 2017 2018 2019 2020
Control Method	Touch
Supported Satellite Navigation System	GPS
Item Dimensions L x W x H	12.1"L x 4"W x 8"H
Item Weight	3.36 Kilograms
FCC ID Certification	No.2AS5B-V1TSM19FA
Operating Temperature	-40°F to 185°F (-40°C to +85°C)

SPECIFICATIONS

Operation System	Android 6.0 Operating System	Steering Wheel Control	Support
Ram	2GB	Language	English, German, French, Italian, Spanish,etc.
Memory	32GB	Mirror Link	Support Wired Apple carplay (Licensed) & Android Auto
USB	2 USB Ports	GPS navigation	Built-in Polnav GPS Satellite Navigation by Polstar Technologies
WiFi	Support WiFi Hotspot	Camera Input	Support aftermarket front, rear or right cameras/ 360 degree camera
Radio AM/FM	AM/FM Radio w/RDS	Screen	12.1'' HD touch screen with 1024*768 resolution
HDMI Output	Support	Bluetooth	Buletooth(Licensed)
Input:	3 USB Inputs(1 Factory Input, 2 Auxiliary)	COMPATIBILITY	F-150 2015-2020 All Trims.
		B&O Audio system	Include an adapter of Bang & Olufsen (B&O) and Harness

Image 8.1: Detailed specifications for the GUA 12.1-inch Android Car Stereo.

9. Warranty and Support

GUA is committed to delivering in-vehicle safety and product satisfaction. Your purchase includes the following:

- **2-Year Product Warranty:** Covers manufacturing defects and ensures product reliability.
- **30-Day Money Back Guarantee:** For your peace of mind.
- **Lifetime Technical Support:** Our professional technical support team is available 24/7 to assist you with any questions or issues.
- **OEM Hardware Quality Standards:** Our upgrade radio screen meets international recognized OEM hardware quality standards.
- **Durability:** Designed to withstand 50-g shock impact, simulating accident conditions.

For technical assistance or warranty claims, please contact GUA customer service through the platform where you purchased the product or refer to the contact information provided with your packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question