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Bestycar HU5Z-19A387-A, HC3Z-19A387-B

Bestycar T Port Harness Adapter Instruction Manual

Model: HU5Z-19A387-A, HC3Z-19A387-B | Brand: Bestycar

1. Product Overview

The Bestycar T Port Harness Adapter is an essential component for upgrading your vehicle's infotainment system from SYNC 2 to SYNC 3. This cable provides the necessary connection between your vehicle's USB multimedia module and the APIM (Accessory Protocol Interface Module), enabling seamless integration of the new SYNC 3 system. Its plug-and-play design ensures a straightforward installation process without the need for cutting or splicing wires.

Key Features:

- **Application:** Specifically designed for SYNC 2 to SYNC 3 system conversions, connecting the media hub to the APIM module.
- **Extended Length:** Features a 5.4ft (165cm) USB extension cable, suitable for various installation locations, including dash or console-mounted hubs.
- **Wide Compatibility:** Fits Ford, Cadillac, Buick, and Chevrolet car models equipped with a multimedia USB box.
- **Direct Replacement:** Engineered for easy installation, offering a plug-and-play solution without requiring wire modifications.

What's in the Box:

- 1 x Bestycar T Port Harness Adapter (USB Cable)

2. Setup and Installation

This section provides detailed instructions for installing your Bestycar T Port Harness Adapter. Ensure you follow all steps carefully to ensure proper functionality and avoid damage.

Pre-installation Checklist:

- Ensure the vehicle's ignition is completely off and the battery may be disconnected for safety.
- Gather any necessary tools, such as trim removal tools or screwdrivers, as required by your vehicle's specific setup.
- Confirm that your vehicle's SYNC system is compatible with a SYNC 2 to SYNC 3 conversion.

Installation Steps:

1. **Locate the existing USB multimedia module:** This module is typically found within the vehicle's dash or center console. You may need to remove trim panels to access it.
2. **Disconnect the old cable:** Carefully unclip and remove the existing USB cable from both the multimedia module and the APIM (Accessory Protocol Interface Module).
3. **Connect the new T Port Harness Adapter:**



Image 1: The Bestycar T Port Harness Adapter cable, showing its two distinct connector ends.

Connect one end of the T Port Harness Adapter to the new SYNC 3 USB multimedia module. Ensure the connection is firm and fully seated.



Image 2: The T Port Harness Adapter connected to the rear of a vehicle's head unit, illustrating the proper connection point.

Connect the other end of the adapter to the APIM module. This cable is designed for direct replacement and plug-and-play functionality, meaning it should fit without modification.

4. **Route the cable:** Carefully route the 5.4ft (165cm) cable to ensure it is not pinched, kinked, or exposed to moving parts. The generous length allows for flexible routing options.
5. **Secure components:** Reinstall any removed trim panels or components, ensuring they are securely fastened.
6. **Test the connection:** Reconnect the vehicle's battery (if disconnected) and turn on the ignition. Verify that the new SYNC 3 system recognizes the USB hub and functions correctly with connected devices.

Important Note: If you are performing a complete upgrade from Ford Sync 2 to Sync 3, it is necessary to replace the old Sync 2 Ford head unit in addition to installing this harness.

3. Operating Instructions

Once the T Port Harness Adapter is correctly installed, its operation is seamlessly integrated with your vehicle's SYNC 3 infotainment system. The adapter functions as a direct conduit, enabling the full capabilities of your USB multimedia module.

USB Functionality:

- **Device Connection:** Connect various USB devices, such as flash drives, external hard drives, or smartphones, to the multimedia USB box.
- **Media Playback:** Access and play media files (audio, video, images) stored on your connected USB devices through the SYNC 3 interface.
- **Smartphone Integration:** Utilize features like Apple CarPlay or Android Auto, if supported by your SYNC 3 system and your connected smartphone.
- **Charging:** The USB port may also provide power for charging compatible devices.

Compatibility:

This harness is specifically designed for use with Ford, Cadillac, Buick, and Chevrolet car models that feature a multimedia USB box and are undergoing a SYNC 2 to SYNC 3 system conversion. Ensure your vehicle's existing setup matches these requirements for optimal performance.

4. Maintenance

The Bestycar T Port Harness Adapter is designed for durability and requires minimal maintenance. Adhering to these simple guidelines will help ensure its long-term performance:

- **Secure Connections:** Periodically inspect the connections at both the USB multimedia module and the APIM to ensure they remain secure and free from looseness.
- **Cable Integrity:** Avoid subjecting the cable to excessive bending, sharp kinks, or crushing forces, as this can damage the internal wiring and affect performance.
- **Cleanliness:** Keep the area around the cable and its connections clean and free from dust, debris, and moisture.
- **Environmental Protection:** Ensure the cable is routed in a manner that protects it from extreme temperatures or direct exposure to liquids.

5. Troubleshooting

If you encounter any issues with your Bestycar T Port Harness Adapter, please refer to the following troubleshooting guide before seeking further assistance.

Problem	Possible Cause	Solution
USB device not recognized by SYNC 3.	Loose cable connection, incompatible USB device, or SYNC system software issue.	◦ Verify that both ends of the harness are securely connected to the multimedia module and the APIM. ◦ Try connecting a different, known-good USB device to rule out device incompatibility. ◦ Perform a soft reset of your vehicle's SYNC system (refer to your vehicle's owner's manual for instructions).

Problem	Possible Cause	Solution
Intermittent connection or frequent disconnections.	Cable damage, loose connection, or electromagnetic interference.	◦ Inspect the entire length of the cable for any visible signs of damage, kinks, or fraying. ◦ Ensure all connections are fully seated and not vibrating loose. ◦ Confirm the cable is routed away from any potential sources of strong electromagnetic interference.
No power to the USB port.	Incorrect installation, vehicle fuse issue, or SYNC system malfunction.	◦ Double-check all installation steps to ensure the harness is connected correctly. ◦ Consult your vehicle's manual to check the fuse related to the USB ports or infotainment system. ◦ If the issue persists, it may indicate a deeper electrical or SYNC system problem requiring professional diagnosis.

If these troubleshooting steps do not resolve your issue, please contact Bestycar customer support for further assistance.

6. Specifications

Detailed specifications for the Bestycar T Port Harness Adapter are provided below:

Attribute	Detail
Product Name	T Port Harness Adapter Compatible for Ford USB Mutimedia Module Box Sync 2 to Sync 3 Head Unit USB Hub to APIM Module Cable
Model Number	HU5Z-19A387-A, HC3Z-19A387-B
Brand	Bestycar
Length	5.4 ft (165 cm)
Connector Type	USB Type A (specific to Ford multimedia module)
Application	SYNC 2 to SYNC 3 system conversions, connecting media hub to APIM module.
Compatible Vehicles	Ford, Cadillac, Buick, Chevrolet models with multimedia USB box.
Product Dimensions (L x W x H)	5.91 x 1.97 x 0.79 inches
Item Weight	2.39 ounces
Color	Black

7. Warranty and Support

Bestycar is committed to the quality and reliability of its products. The T Port Harness Adapter comes with

comprehensive warranty and support services to ensure your satisfaction.

Warranty Information:

This product is covered by a **one-year warranty** from the original date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for any warranty claims.

Technical Support:

Bestycar offers **lifetime technical support** for the T Port Harness Adapter. Our dedicated support team is available to assist you with any questions regarding installation, compatibility, or troubleshooting.
For warranty claims or technical assistance, please contact Bestycar customer service through the retailer where the product was purchased, or refer to the contact information provided with your product 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