



## ABTI-GM3

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### GM LAN INTERFACE FOR HANDSFREE BLUETOOTH CAR KITS

The ABTI-GM3 is designed to integrate a Handsfree Bluetooth Car Kit into General Motors vehicles that have the LAN data system. The OEM radio will mute when a call comes in and the audio will be heard through the front speakers. The ABTI-GM3 is Plug-N-Play for the Motorola IHF1000 and Parrot car kits, and it can be used with other car kits with modifications.

**\* READ IMPORTANT WARNING ON PAGE 1  
BEFORE ATTEMPTING ANY INSTALLATION**

### APPLICATIONS:

#### BUICK

Lucerne 2006-08

#### CADILLAC

Escalade/EXT 2007-08

#### CHEVROLET

Avalanche 2007-08

Equinox 2007-08

Impala 2006-08

Monte Carlo 2006-08

Suburban 2007-08

Tahoe 2007-08

#### GMC

Acadia 2007-08

Savanna Van 2008

Sierra 2007-08

Yukon 2007-08

#### HUMMER

H2 2008

#### PONTIAC

Torrent 2007-08



1-800-221-0932



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**\* READ IMPORTANT WARNING BEFORE ATTEMPTING ANY INSTALLATION**

**\* IMPORTANT WARNING**

THIS PRODUCT INCLUDES INSTRUCTIONS FOR INSTALLATION WHICH MUST BE CAREFULLY FOLLOWED. THE INSTRUCTIONS ARE WRITTEN IN SUCH A MANNER TO ASSUME THAT THE INSTALLER IS CAPABLE OF COMPLETING THESE TYPE OF ELECTRONIC INSTALLATIONS. IF YOU ARE UNCLEAR AS TO WHAT YOU ARE INSTRUCTED TO DO OR BELIEVE THAT YOU DO NOT UNDERSTAND THE INSTRUCTIONS SO AS TO PROPERLY AND SAFELY COMPLETE THE INSTALLATION YOU SHOULD CONSULT A TECHNICIAN WHO DOES HAVE THIS KNOWLEDGE AND UNDERSTANDING.

**FAILURE TO FOLLOW THESE INSTRUCTIONS CAREFULLY AND TO INSTALL THE INTERFACE AS DESCRIBED COULD CAUSE HARM TO THE VEHICLE OR TO SAFETY SYSTEMS ON THE VEHICLE. INTERFERENCE WITH CERTAIN SAFETY SYSTEMS COULD CAUSE HARM TO PERSONS AS WELL. IF YOU HAVE ANY QUESTIONS IN THIS REGARD PLEASE CALL THE HELP LINE OR THE METRA AT :**

**1-800-221-0932 FOR ASSISTANCE.**



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## INSTALLATION COMPONENTS

- 1) ABTI-GM3 interface
- 2) ABTI-GM3 "T" harness
- 3) 8-Way connector to 10-Way connector harness
- 4) ISO to 10-way connector harness

## TOOLS REQUIRED

- 1) Tools to remove the OEM radio
- 2) Wire ties

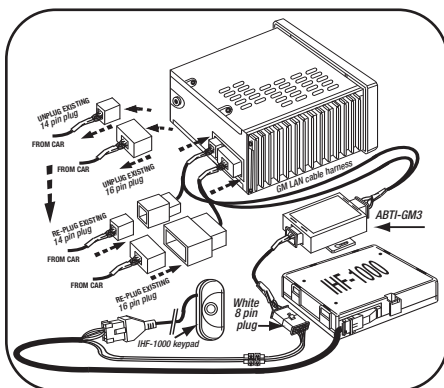
## INSTALLING THE ABTI-GM3 WITH THE MOTOROLA IHF1000

**Note: 8-Way to 10-Way connector harness is used in this application.**

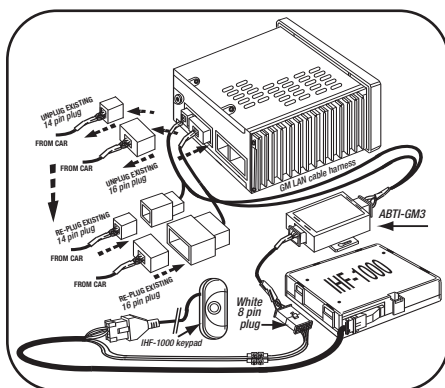
**NOTE: The ISO to 10 way connector harness will NOT be used in this application.**

## INSTALLATION PROCEDURE

- 1) Disconnect the vehicle battery.
- 2) Remove the radio from the dashboard.
- 3) Remove the 14 way plug and the 16 way plug from the rear of the radio.

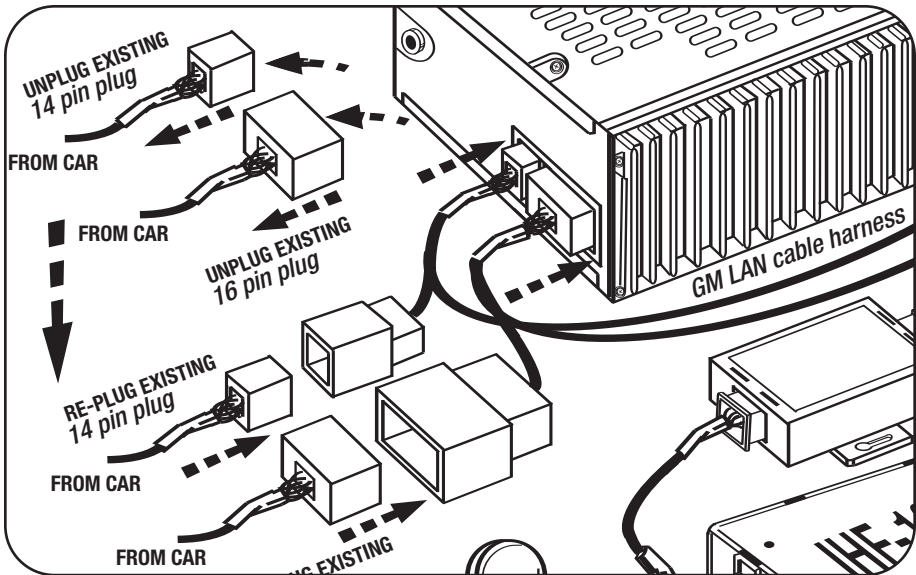


**LAN CABLE HARNESS**  
**CONNECTED TO**  
**NON-NAV RADIO**

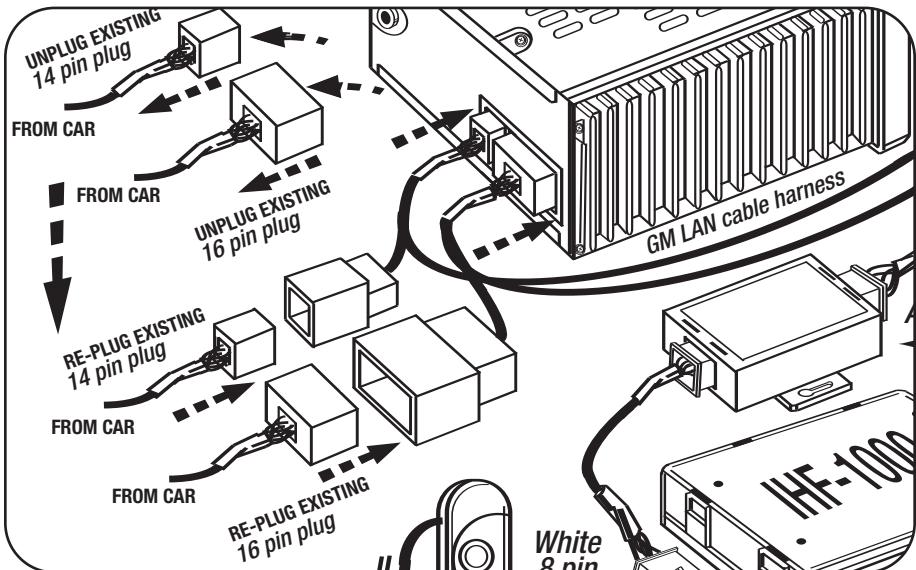


**LAN CABLE HARNESS**  
**CONNECTED TO NAV RADIO**

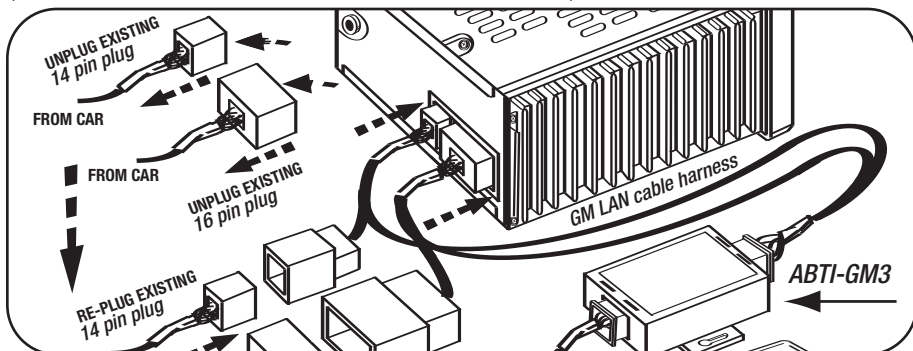
- 4) Insert the 14 pin plug on the ABTI-GM3 cable into the 14 pin socket on the radio.



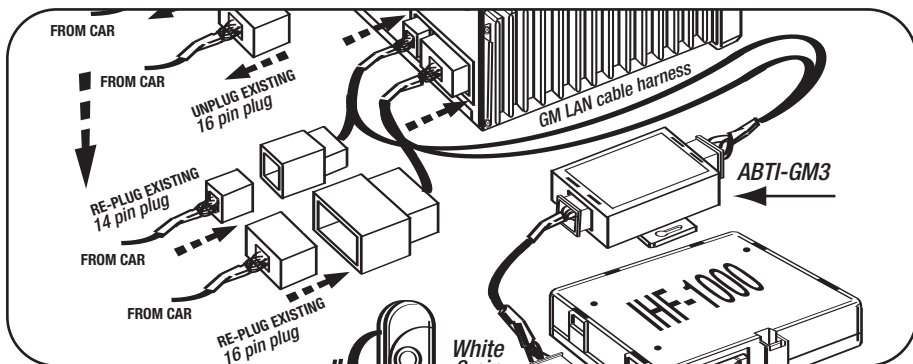
- 5) Insert the 16 pin plug on the ABTI-GM3 cable into the 16 pin socket on the radio.



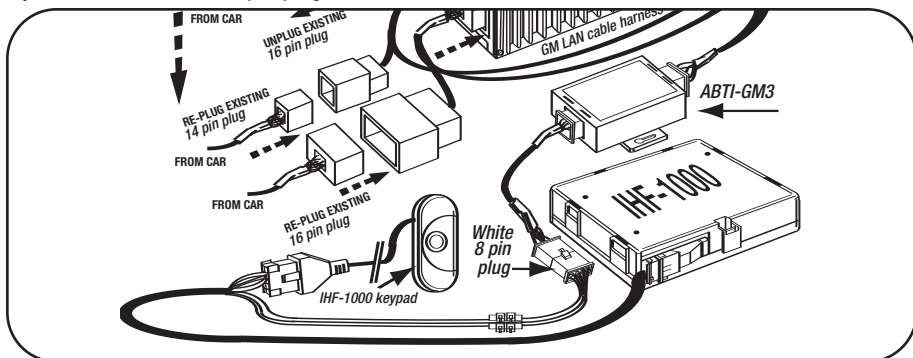
- 6) Connect the 14 pin cap on the ABTI-GM3 cable to the 14 pin plug connected to the vehicle (the connector that was removed from the back of the radio).



- 7) Connect the 16 pin cap on the ABTI-GM3 cable to the 16 pin plug connected to the vehicle (the connector that was removed from the back of the radio).



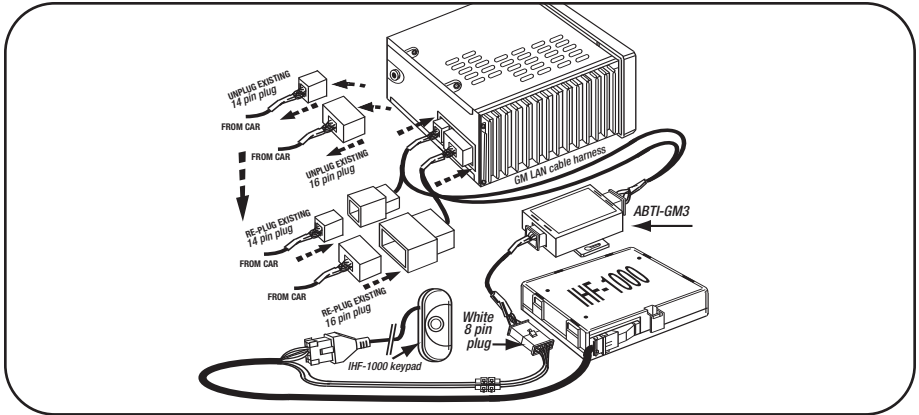
- 8) Connect the white 12-pin plug on the ABTI-GM3 cable to the ABTI-GM3 module.





## ABTI-GM3

- 9) Connect the white 8 pin plug on the IHF-1000 cable to the ABTI-GM3 power cable, and connect the other end of the power cable to the ABTI-GM3 module.
- 10) Fasten the IHF-1000 keypad to the dashboard of the vehicle (refer to IHF-1000 instructions), and route the wire to the IHF-1000 harness. Attach the keypad connector to the harness.



- 11) Install the IHF-1000 microphone in an appropriate location (see IHF-1000 instructions), route the wire to the IHF-1000 harness, and attach the microphone connector to the harness.
- 12) Secure all components, and reinstall the radio.
- 13) Reconnect the vehicle battery.

## OPERATION

Refer to the Motorola IHF1000 manual for operation. Adjust the volume of the handsfree kit by turning the volume knob of the radio. Audio from any source will be muted when a call comes in or a call is made.

## INSTALLING THE ABTI-GM3 WITH PARROT HANDSFREE CAR KITS

***\*Note: The ISO to 10 way connector harness will be used in this application.***

***\*Note: The 8 way to 10 way connector harness will NOT be used in this application.***

**Compatible Parrot kits:** CK3000, CK3000 Evolution, CK3100, CK3300, CK3500, 3200LS, 3400LS-GPS, MK6000, MK6100

***(Installation will be the same as the Motorola Handsfree kit steps 1-8)***

- 9) Plug the 10 way side of the ISO into the 10 way connector on the ABTI-GM3



- 10) Plug the ISO side of the ISO to 10 way harness into the mating Parrot connectors.
- 11) Take the Mute wire of the Parrot kit and plug it into the "Mute 1" wire in the Parrot ISO harness.
- 12) Finish installing the rest of the Parrot handsfree kit and reinstall the OEM radio.
- 13) Reconnect the vehicles battery.

## **OPERATION**

Refer to the Parrot manual for operation. Adjust the volume of the handsfree kit by turning the volume knob of the radio. Audio from any source will be muted when a call comes in or a call is made.

## **OTHER HANDSFREE KITS**

***Other handsfree kits can be used with the ABTI-GM3. Follow the steps below to wire the handsfree kit:***

- 1) Using the ISO to 10 way connector harness cut the ISO ends off.
- 2) The **Yellow** wire will go to the Battery wire of the handsfree kit.
- 3) The **Red** wire will go to the 12 volt accessory wire of the handsfree kit.
- 4) The **Black** wire will go to the ground of the handsfree kit.
- 5) The **Purple** wire will go to the Mute wire of the handsfree kit.
- 6) The **White** wire will go to the (+) speaker output of the handsfree kit.
- 7) The **White/Black** wire will go to the (-) speaker output of the handsfree kit.

***Handsfree kits may have more than one speaker output on their harnesses however the ABTI-GM3 needs only one speaker output to use.***

## **ABTI-GM3 INSTRUCTIONS**



**1-800-221-0932**



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