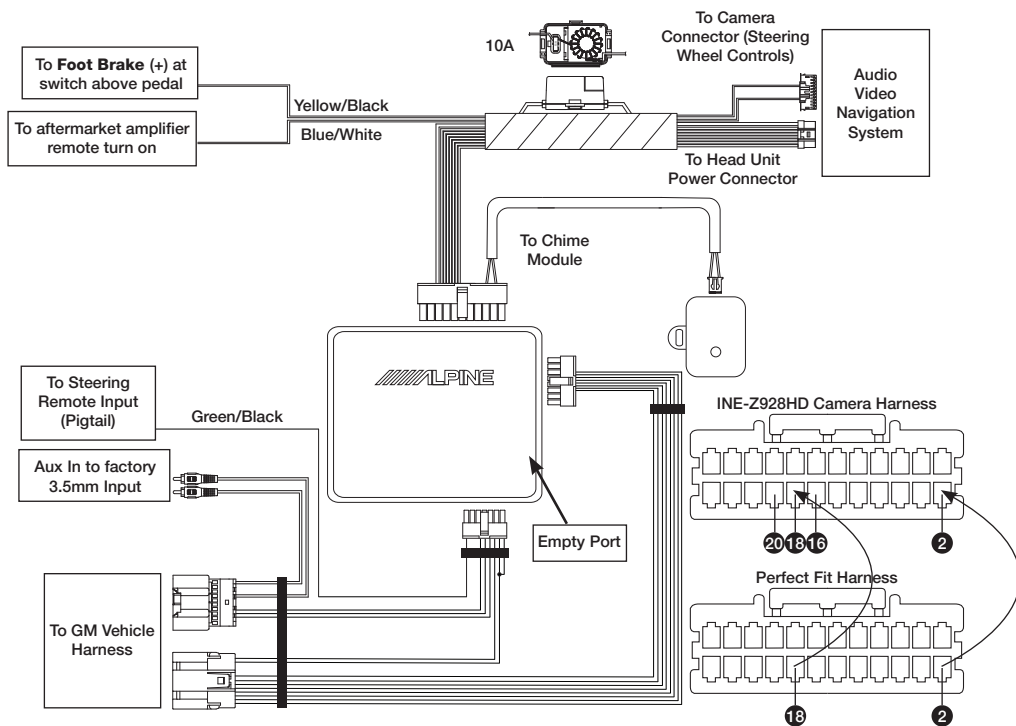


## Wiring Harness Diagram



- Adding rear-view camera:
  - INE-Z928HD wire colors: Pin 2 - Green White, Pin 16 - Red, Pin 18 - White, Pin 20 - Black
  - Perfect Fit wire colors: Pin 2 - Violet/White, Pin 18 - Blue/Yellow
  - Remove all pins from above diagram
  - Replace pins 2 & 18 from INE-Z928HD Camera Harness with pins from Perfect Fit Harness
- The interface comes pre-programmed for all of the vehicles factory SWC functions and does not require programming.
- The LED will flash whenever a user programmable SWC button is pressed.

## Liability Disclaimer

Due to changes in design and manufacturing that may occur with your specific vehicle, it is important that you do not rely solely on vehicle information contained in this installation manual, such as dash disassembly, wire harness, and codes. Such information should be confirmed with the vehicle manufacturer. Alpine Electronics, Inc. and its affiliated companies is not responsible for damage that may occur to you or your automobile during the installation of the Perfect Fit Kit.

If you have any further questions, feel free to contact Alpine Tech Support at 1-800-NAV-HELP.

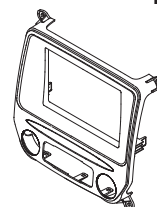
**ALPINE ELECTRONICS OF AMERICA, INC.**, 19145 Gramercy Place, Torrance, CA 90501, U.S.A  
Do not send products to this address.  
Call the toll free number or visit the website to locate a service center.



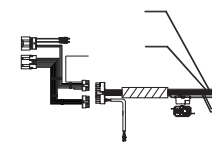
## Mobile Media Solutions

### Perfect Fit For Select 2014+ Chevrolet/GMC Trucks (No Bose System) Installation Manual

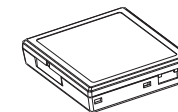
#### KTX-GM8K2



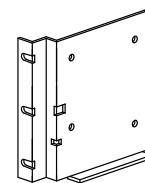
GM Trim Panel x 1



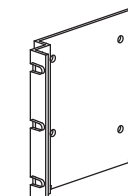
Power Harness x 1



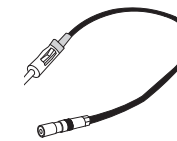
Radio Replacement and Steering Wheel Module x 1



Left Bracket x 1



Right Bracket x 1



GM Antenna Adapter

## Introduction

This KTX-GM8K2 Perfect Fit installation kit is for Select 2014+ Chevrolet/GMC Trucks (without the Bose system). Included are all the parts needed to install your Alpine INE-Z928HD or Alpine X008 Audio Video Navigation system. KTX-GM8K2 Perfect Fit installation kit also includes an interface that will retain factory features such as OnStar, vehicle settings, steering wheel controls (SWC), front and rear park assist and warning chimes when the original radio is removed. It also provides data bus driven outputs such as retained accessory power (RAP), vehicle speed sensor (VSS), illumination, reverse trigger and parking brake. Refer to the individual instruction sections of this manual to remove your vehicle's factory radio and assemble the kit.

**Caution! Disconnect your vehicle's negative battery terminal before the installation to help prevent electrical damage. We recommend the use of a digital multimeter to check vehicle wiring. Do not use a test light! A test light or grounded wire probe can cause damage to the vehicle's computer and/or diagnostic systems. Avoid all factory airbag wiring. Airbags can accidentally deploy causing serious injury or even death.**

### Notes:

- See your vehicle's instructions for any special tools your installation might require.
- Read all instructions accompanying your car stereo for proper wiring and mounting instructions.

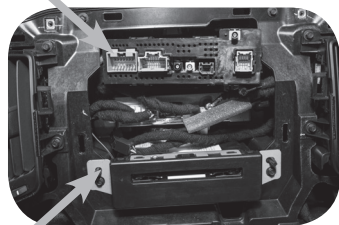


## Factory Stereo Removal

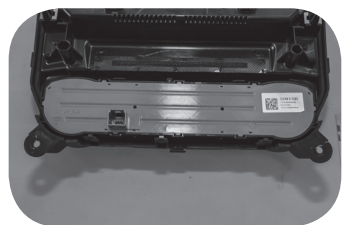
1. Unsnap and remove center dash trim piece from around the radio and climate controls.



2. Remove (4) 7mm screws from the radio and climate controls.



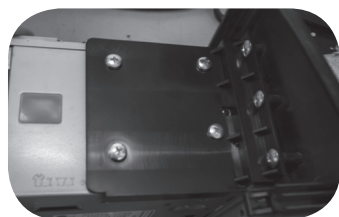
3. Remove the tuner and CD player.



4. Remove the climate controls by carefully unclipping from factory panel. These will later be installed into the main trim panel.

## Mounting The Stereo

1. Attach the left and right side brackets to the head unit using screws supplied with head unit and then attach to trim panel. Attach climate controls (from previous step) to trim panel.

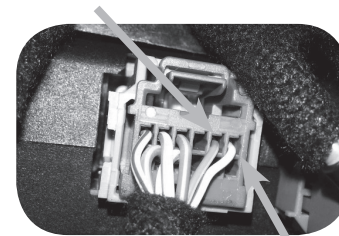


2. Move the silver telematics module down to where the CD player used to be. Cut out the plastic between the top two module locations so there's enough space for the wiring harness and radio chassis. Install Bluetooth Mic, foot brake & parking brake wires, and GPS antenna. Plug in the harness and module. Note: If telematics module is left unplugged, the vehicle will not start.



## Mounting The Stereo Continued

3. If you wish to retain the factory rear view camera you must solder an RCA end onto the signal wires. The wires you will need can be found at the Human Machine Interface Control Module (HMICM). This module is located behind the lower glove box and can be accessed by removing the 4 - T15 bolts securing the lower glove box to the dash. Once you have located the HMICM in the vehicle, locate the 12 pin connector on the far left. If the vehicle has the base radio (RPO code IO3 behind glove box) the wires will be in the 8 pin connector located at the radio brain. The wires you will need are located in pins 5 and 6 in either connector. Pin 6 - White/Blue - Camera Negative, Pin 5 - Grey/Yellow - Camera Positive.



4. Remove plastic panel located beneath the steering wheel column and access the bundle of wires which houses the Green/Black wire. Connect the Green/Black wire coming from the vehicle side connections of the interface to this wire. This is a data signal so to ensure consistent operation please solder the wires together. DO NOT cut this wire in half.

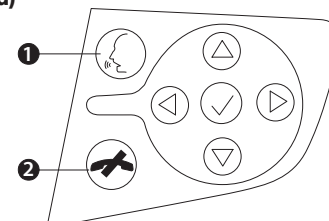
5. Mount radio and climate controls in trim panel in the dash. Use (4) 7mm screws from step 2 of factory stereo removal. Snap factory dash trim piece back into place.



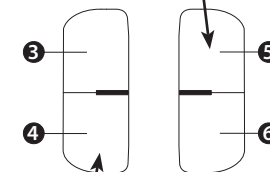
## Steering Wheel Controls

**Steering Wheel Control Operation (when vehicle is equipped)**

1. Mute/OnStar Activation\*\*
2. End Call
3. Seek/Track Up
4. Seek/Track Down
5. Volume Up
6. Volume Down



Behind steering wheel (Passenger Side)



Behind steering wheel (Driver Side)

\*\* The Voice button has two functions. Pressing this button for less than 1.5 seconds will initiate the mute command. Pressing this button for more than 1.5 seconds will activate OnStar.