



## License Plate Mounting Kit for Rearview Camera

# KTX-C10LP

- **INSTALLATION MANUAL**

Please read all of these  
instructions regarding  
your product and retain  
them for future reference.

**ALPINE ELECTRONICS OF AMERICA, INC.**

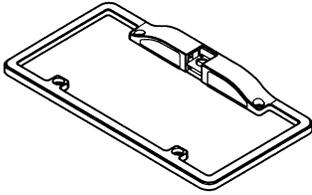
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KTX-C10LP is suitable for the rearview camera,  
HCE-C105 and HCE-C107D.

## Contents



License plate frame (x1)



Hex screw (x2)



Hex driver (x1)



Machine screw (x4)



Tapping screw (x4)

## Preparation

Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.

1. Check the accessory parts.
2. Park the vehicle in a safe and level location.
3. Apply the brake and remove the ignition key.
4. Disconnect the battery (-) terminal.

• Some vehicles contain a vehicle control computer, or accessories that continuously use battery power. In this case, contents of the computer memory may be erased when the battery (-) lead is disconnected.

## Camera Installation

1. Remove the 4 screws from the camera mounting bracket. (Fig. 1)

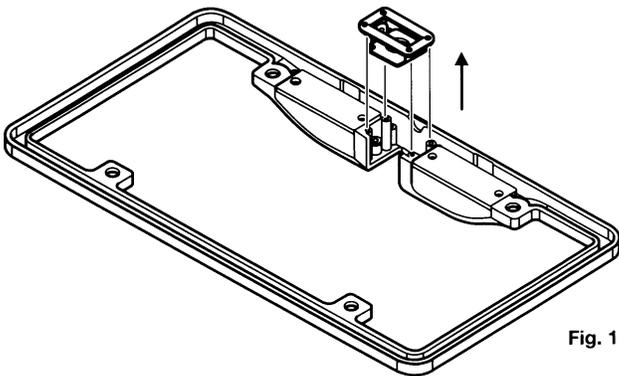


Fig. 1

2. Remove the camera mounting bracket from the license plate frame. It is not necessary to disassemble the camera bracket.
3. Attach the camera to the camera mounting bracket. (Fig. 2) Route the camera cable through the mounting bracket, and align the mounting holes in the camera with the bracket. Secure the camera to the bracket with the 2 hex screws.

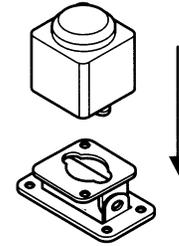


Fig. 2

4. Loosen the angle adjustment screw on the camera mounting bracket. While noting the top of the camera, pivot the camera to a downward angle and tighten the screw.

• Tighten the screw until the camera is stable, but remains adjustable.

5. While noting the top of the camera, align the camera and bracket with the holes at top of the license plate frame. (Fig.3)

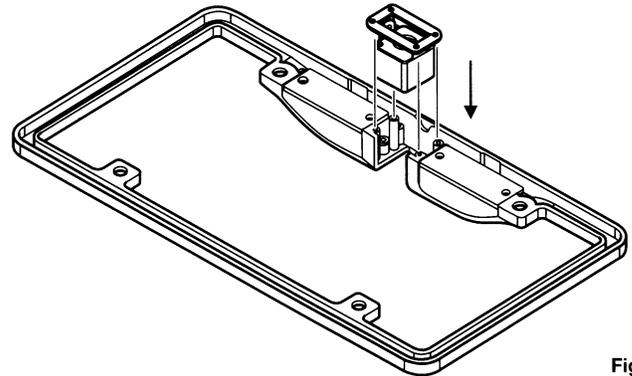


Fig. 3

6. Tighten the 4 screws to secure the bracket and camera to the license plate frame.

• Do not overtighten the screws

## Bracket Installation

1. Install the license plate frame using the appropriate 4 screws. (Fig. 4)

• Use either the machine screws or the self-tapping screws that are included.

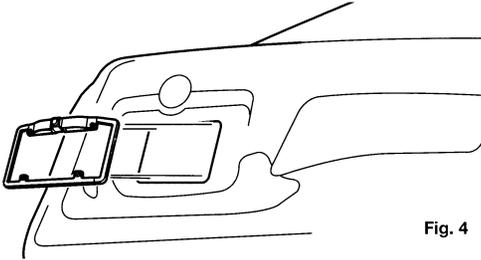


Fig. 4

If the license plate frame blocks the automobile's license plate light, connect the light wire of the license plate frame, to the connectors for the automobile's license plate light. (Fig. 5)  
To prevent corrosion of the light wire, refer to "Special Instructions for Pickup Truck\* Installations"

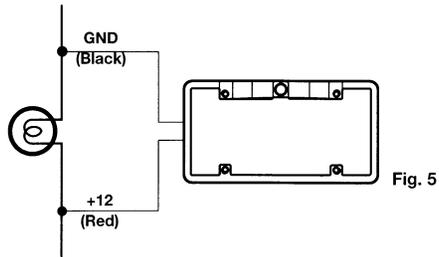


Fig. 5

There are 3 options for routing the wire to the connectors:

- A. Drill a hole in the license plate frame and route the light wire through the hole.
- B. Route the light wire along the slot between the light case and license plate. (Fig. 6)

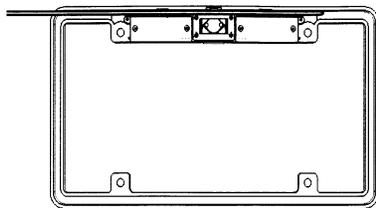


Fig. 6

- C. File the marked area on the license plate frame, and route the light wire to the top hole. (Fig. 7)

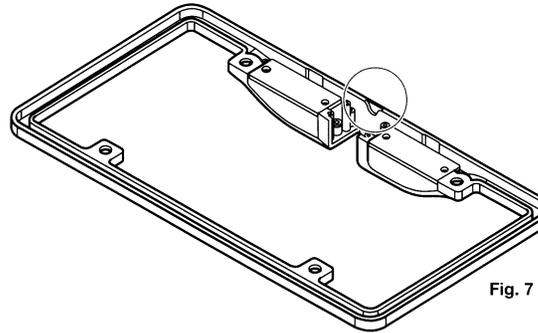


Fig. 7

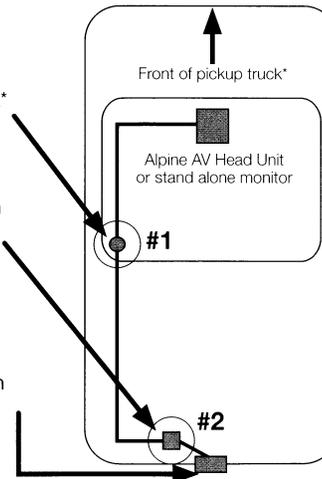
## Special Instructions for Pickup Truck\* Installations

\* Any type of vehicle, including pickup trucks, where the connector is installed outside of the cabin.

Rubber grommet to pass camera wire from inside of pickup truck\* cab to underside of pickup truck\* chassis

White connector between back-up camera and extension cable

Recommended Back-up camera mounting location (on rear bumper)



### Special Instruction #1

In pickup truck\* installations, the wire that connects between the camera and the AV Head Unit typically gets installed under the chassis.

-This wire **must be protected** from damage using split-loom tubing in any areas where it is installed under the chassis.

-The rubber grommet where the wire passes from the vehicle interior to the vehicle exterior **must be sealed** with silicone to prevent moisture intrusion into the vehicle interior.

### Special Instruction #2

In pickup truck\* installations, the white electrical connector between the back-up camera and the extension cable may be exposed to moisture. If so, it **must be sealed** to prevent corrosion. This can be accomplished in one of three ways:

- Option #1) Seal the white connector by wrapping it tightly with good quality electrical tape after installation.
- Option #2) Seal the white connector using heat-shrink tubing.
- Option #3) Apply dielectric white grease to both sides of the white connector before installation

 **WARNING**

**This symbol means important instructions. Failure to heed them can result in serious injury or death.**

**KEEP SMALL OBJECTS SUCH AS SCREWS OUT OF THE REACH OF CHILDREN.**

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

**USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.**

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

**DO NOT SPLICE INTO ELECTRICAL CABLES.**

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

**DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.**

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

**MAKE THE CORRECT CONNECTIONS.**

Failure to make the proper connections may result in fire or product damage.

**CHECK THAT THE CAMERA MOUNTING BRACKET IS ATTACHED SECURELY, AND THAT THE SCREWS ARE TIGHT BEFORE DRIVING.**

Failure to do so may result in an accident.

**WHEN INSTALLING THE CAMERA, OR WHEN CHECKING IT IS INSTALLED SECURELY, DO SO AFTER PARKING THE CAR IN A LEVEL, SAFE PLACE, TURNING OFF THE ENGINE, AND APPLYING THE HAND BRAKE.**

Failure to do so may result in an accident.

**WHEN USING A DRILL TO MAKE A HOLE, TAKE PRECAUTIONS SUCH AS WEARING GOGGLES SO FRAGMENTS DO NOT GET INTO THE EYES.**

Failure to do so may result in injury.

 **CAUTION**

**This symbol means important instructions. Failure to heed them can result in injury or material property damage.**

**USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.**

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

**HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.**

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

**ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.**

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

## LIMITED WARRANTY

ALPINE ELECTRONICS OF AMERICA, INC. AND ALPINE OF CANADA INC. ("Alpine"), are dedicated to quality craftsmanship and are pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

### ●PRODUCTS COVERED:

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

### ●LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

### ●WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

### ●WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

### ●WHAT IS NOT COVERED:

This Warranty does not cover the following:

- ① Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
- ② Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.
- ③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
- ④ Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature. Any cost or expense related to the removal or reinstallation of the product.
- ⑤ Service performed by an unauthorized person, company or association.
- ⑥ Any product which has the serial number defaced, altered or removed.
- ⑦ Any product which has been adjusted, altered or modified without Alpine's consent.
- ⑧ Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
- ⑨ Any product not purchased from an Authorized Alpine Dealer.

### ●HOW TO OBTAIN WARRANTY SERVICE:

- ① You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.

- ② You should provide a detailed description of the problem(s) for which service is required.
- ③ You must supply proof of your purchase of the product.
- ④ You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

### ●HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

### ●HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

### ●HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

### ●IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

### ●HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

CAR AUDIO	1-800-ALPINE-1 (1-800-257-4631)
NAVIGATION	1-888-NAV-HELP (1-888-628-4357)

Or visit our website at; <http://www.alpine-usa.com>

### Alpine Electronics of America, Inc.,

19145 Gramercy Place, Torrance, California 90501, U.S.A.

### Alpine Electronics of Canada, Inc.,

777 Supertest Road, Toronto, Ontario, M3J 2M9, Canada

Do not send products to these addresses.

Call the toll free telephone number or visit the website to locate a service center.