



# Installation Instructions For All Automobiles



## Overview

The Show & Go license transport allows you to display or stow away the front license "for show" by simply pushing the key chain remote button from inside or outside the car. The system can be installed by anyone with reasonable mechanical skills and hand tools. The radio receiver is easily mounted under the hood, and connects to the vehicle battery and to the license transport mechanism which is mounted under the front bumper. No wiring through the vehicle dash is required.

## System Components:

Receiver for mounting under hood

Key Chain Remote operator

Hardware kit

Steel mounting strap for mounting options

License Transport Mechanism for mounting under bumper

Foam Pads

## Installation Steps

### 1. Mount Receiver

Locate the receiver on the fender panel such that radiated heat from the engine is blocked. Suggested locations are behind the fuse box or battery. The black and red wires from the receiver can be directly connected to the battery after step #3, since the current draw is extremely low. Feed the two-lead wire with motor connections from the receiver in between the radiator baffle and the body so it exits forward below the car on the passenger side. Pull it a foot or so out in front of the car. Plug the wires into the motor and secure them per step 2 & 3. Then, attach the receiver to the fender-well using the double-backed tape provided. Clean up the wiring by covering conductors with cut lengths from one of the two wire sheaths. Loop up extra wire and secure it as needed. For maximum receiver range, extend the antenna and keep it separated from other wire conductors. Complete the connection to the battery after the leads are attached to the motor.



Vehicle Battery

Radio receiver mounted behind Fuse Box (or behind the battery in other installations)

Wire Running to Transport Assembly

### 2. Install Wire Sheathing

Slip the other 12" length of wire sheathing over the two-lead wire near where it connects to the motor, as shown.



### 3. Connecting Wires to Motor

A. Connect the wires to the motor with the white-striped black wire going to the terminal marked + (positive).



B. Fold the terminals and wires against the back of the motor so the exit lead lies against the motor body as shown.



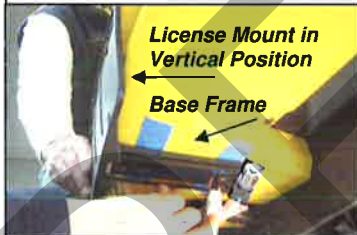
C. With the cap vent hole down, slide the cap over the motor and secure it with the large removable tie-wrap as shown. Secure the wire and plastic sheathing to the motor base frame using the small tie-wrap.



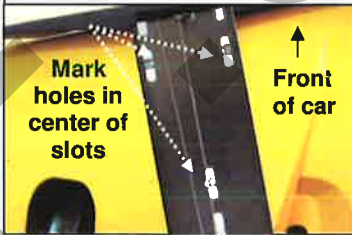
### 3. Installing the License Plate Transport Base Frame

Use a jack or ramps to lift the left corner of the car slightly to allow room for marking and drilling the mounting holes. Slowly pull the plastic plate mount out from the base into the up position by holding on to the motor while pulling the center of the plastic mount. Have a helper hold the base plate up against the bottom of the bumper so the plate mount is vertical when it contacts the front bumper as shown below. The fore and aft position of the base plate screwed to the bottom of the bumper determines the vertical angle of the license plate when it is up. Slots allow a final fine adjustment.

A. Position the base frame so the plastic license mount is vertical when it contacts the bumper face.



B. When the bottom of the bumper is deep enough, the base can be simply mounted using three screws



C. When the bottom of the bumper is short, then 2 front mounting holes are used, and the optional steel hanger strap is used in the back. Screw the upper end of the strap to an available frame structure.



D. Alternatively, if there is a lip air dam and a mounting spacer is required, cut two lengths from the steel strip and bend each in a "Z" shape per the photo below. Use screws and nuts provided.



E. The expanding rubber inserts work well for soft polyurethane bumpers. Drill 5/16 dia. mounting holes in marked locations.



F. Push the rubber inserts into the drilled holes.



Install the mounting screws while leaving them loose enough to allow final fore and aft adjustment of the base plate. Stick the two foam pads on the back of the plastic license plate mount where it will contact the bumper (see first picture). Move the base plate so the license plate is 90 degrees with the ground when the plate is up and the foam pads on the license mount are contacting the bumper. About three screw driver turns on each screw will set the rubber inserts securely. Install the license plate using the four stainless steel #10 x 3/8" long screws provided.