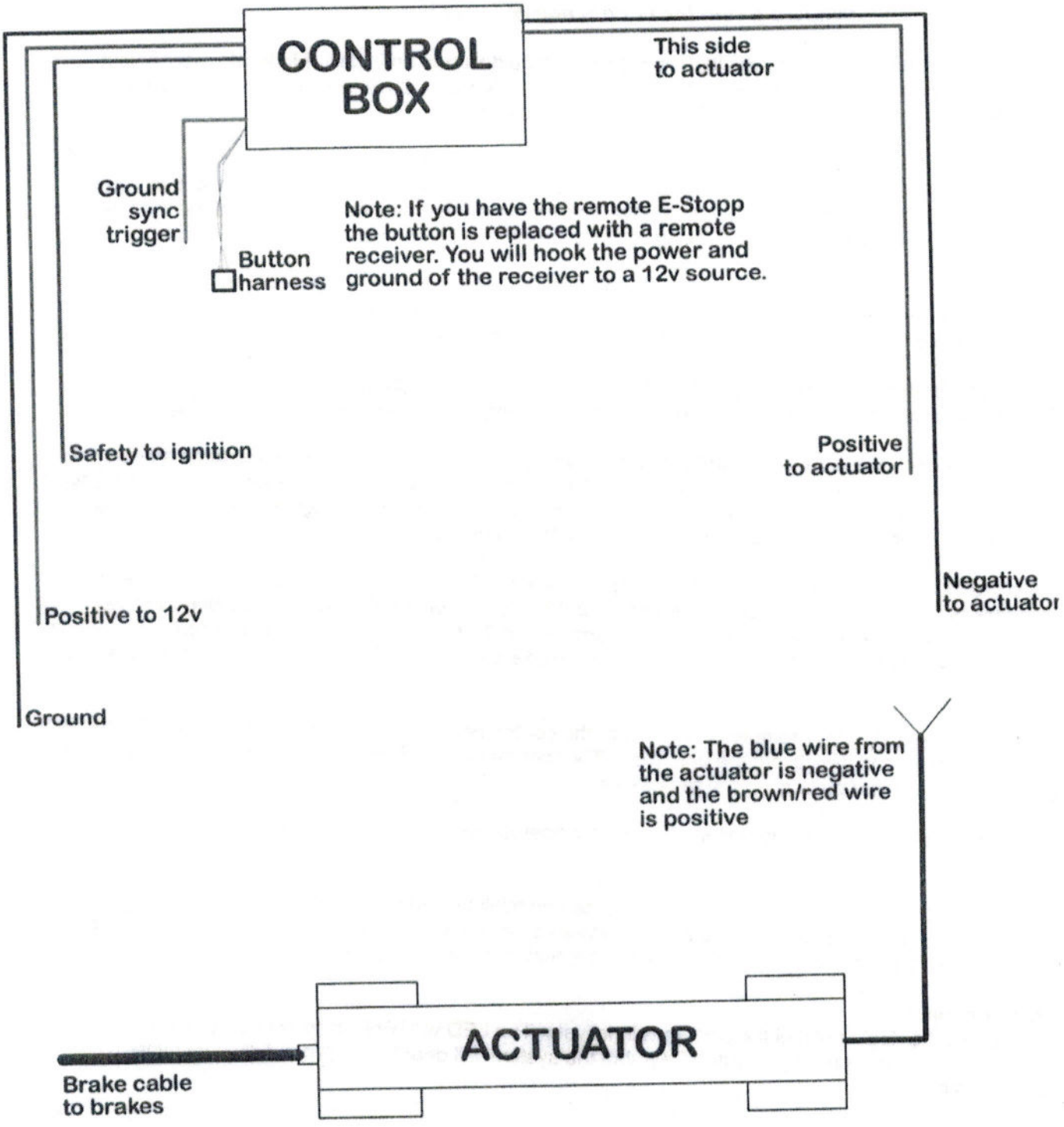
E-Stopp Wiring Overview



General Installation Instructions for the E-Stopp Electronic Emergency Brake System

Disconnect Battery Before Starting any work on your vehicle.

Review Warranty Information, as modifying wiring and tampering with the control unit will void the warranty.

Installation will vary from vehicle to vehicle; this is a general guideline of an install. Moderate mechanical prowess is required for this job. Average install time will be 3 to 5 hours. Customers may be required to purchase additional cables to connect the E-Stopp to their vehicle.

1. Find a flat area along the frame rail to mount the unit (look for an area that would avoid cable interference). Hold the unit along the frame and mark an area to drill four mounting holes. If the frame is not boxed you can mount with nuts and bolts (not included). If you have a boxed frame you may have to drill and tap the holes for bolts only. Be sure to always use thread locking agent on bolts when mounting.

2. Once you have the unit mounted you can measure for the intermediate cable that you may need (many vehicles already have these cables, if yours does not, any cable manufacturer can supply you). A good cable manufacturer should be able to help with routing and connectors to hook the unit to your specific model brakes.

3. Disconnect battery before connecting the control box. Now run the electrical wire coming from the unit to inside the vehicle and connect it to the supplied control box using (be sure to check the wiring diagram).

4. Connect the power cables on the control box to the battery (the power cables are on the same side as the button cables). Red is positive and Black is negative. If you prefer, you can put in a 10 amp fuse. Do not couple the E-Stopp wires on top of other electrical wires. Some systems send relays through their wiring which can cause issues with your E-Stopp. Mount control box away from any relays.

5. Connect the blue wire on the control box to the ignition switch. This will engage the safety ignition feature. Note: this makes the unit inoperable while the ignition is on. Also, an optional green wire coming from the button wires side is available. This is a micro amp trigger, it can be hooked up to an indicator light (i.e. parking symbol in your dash console) or for hooking up to some model wheelchair lifts (lets the unit know the parking brake is on).

6. There will also be a switch or remote connected to the control box. This switch should be installed in the cab area as it will activate and deactivate the unit. Note: The remote system needs to be run to power as well. See supplied instructions if you purchased the remote version.

7. Once everything is connected the unit should be fully operational.

Button Functions:
Press down once to activate: Button will click into place and blink until fully actuated and then stay lit. Note: the system will beep while activating and deactivating. Press down once to release: Button will release and blink until fully released. Once the brake is fully released, the button will no longer be lit.

Remote Functions:
When you press the "lock" symbol the system will activate. The LED will blink while activating and continue to blink while set. When you press the "unlock" symbol the system will deactivate. When fully deactivated, the LED will stop blinking.

16200 S. Garfield Avenue, Paramount, CA 90723
Tel: (562) 602-2842 • Fax: (562) 408-1959
www.estopp.com

Troubleshooting:

If your system is not activating properly, here are some tips before writing a warranty claim. Note: part of our quality control program is testing every unit before it leaves to our dealers. We understand that things can happen in between leaving our warehouse and arriving at your door. We do our best to take care of any issues should they arise.

1) Double check all wiring. If there is a bad connection between the control unit and the actuator, the button will blink and the beeper will beep and continue to do so until the system gets a signal from the actuator. With big motors, there can be vibratory effects, so keep that in mind if you have a large engine and ensure your wiring is sound.

2) **Be sure you are not stacking on terminals.** For instance, if you put the power ringlet stacked onto another power ringlet, like an AC unit, it can send a relay through the line tripping up the E-Stopp. This can also happen using some bus systems for grounding.

3) If your system works fine but the beeper or light in the button stopped working you could have just burnt out the LED or, depending on how you wired it in, could have burnt out the transistor that controls those functions. The system will still activate as it should but you may not have the beep any longer.

4) If you are sure everything is hooked correctly but the E-Stopp does not pull the brake all the way, check for cable interference. The more you bend the encased cables the more they will rub and create tension causing the system to sense 600 pounds of pressure and stop. Keep that in mind if the system activates fully but does not hold the car. Always double check the cables once fully installed to ensure a full setting of the e-brake.

5) If the actuator will not disengage, you can back the unit off at the bracketry by unscrewing the nut on the threaded bar.

For all Warranty Claims, please contact us by email or phone. A Return Authorization number will be given and requited to be written on the package you are shipping to us. Upon receiving, we will review and test the unit.

Note: Warranty is void if any of the cables and wiring is modified, cutting the seal and opening the control box. We take no responsibility for your install process.

Email: info@estopp.com
Telephone: (562) 602-2842

Office hours: Monday thru Friday, 7:30am to 4:00pm

E-Stopp Limited Warranty

E-Stopp Corporation limited warranty is for material defects upon purchase in the United States, not including Puerto Rico or U.S. Territories. The limited warranty is for one (1) year from date of purchase for mechanical parts and ninety (90) days on electrical parts. Full payment is required for the limited warranty to be extended to purchaser.

E-Stopp Corporation limited warranty does not cover normal wear and tear, improper use of the product or altering of the product in any manner whatsoever including but not limited to rewiring the button harness. Failure to properly follow instructions for use or care of product automatically voids the limited warranty.

This limited warranty does not apply to the quality of installation of a warranted product on your vehicle nor any actions or omissions of any contractor who performs work on your vehicle.

This limited warranty is not transferable and becomes null and void upon any type of transfer including but not limited to sale, transfer to another party or re-installation by any contractor.

To initiate warranty service, please send a copy of this limited warrant, the defective product with description of defect and copy of proof of purchase to:

E-Stopp Corporation
Warranty Claims Department
16200 S. Garfield Avenue
Paramount, CA 90723

Upon inspection of product and a determination that your product is defective under the terms of this warranty your product will be replaced within sixty (60) days of receipt of product. Replacement does not include shipping or any other costs related to installation or use of product. Replacement products are covered for the remaining period of the limited warranty from original purchase of product.

All disputes of limited warranty products fall under California law and will be handled by Arbitration laws of the County of Los Angeles, California.

NO OTHER WARRANTY OF ANY KIND IS MADE UNLESS EXPRESSLY WRITTEN AND SIGNED BY THE SELLING PARTY. THIS DOCUMENT CONTAINS THE FULL INTENT OF SELLER AND ANY OTHER REPRESENTATIONS ARE SUPERCEDED BY THIS DOCUMENT.