

GENERAL INSTALLATION INSTRUCTIONS

E-Stopp Electronic Emergency Brake System

WARNING: Disconnect battery BEFORE beginning your E-Stopp installation

Review warranty Information, as modifying wiring or opening the unit or control box will void the warranty.

Installation will vary from vehicle to vehicle; these instructions reflect a typical installation. Moderate mechanical prowess is required for this job. Average install time is 3 to 5 hours. Additional cables and/or brackets may be required to connect the E-Stopp to the vehicle.

1. **Fully extend the E-Stopp actuator cable before mounting it to your vehicle** to ensure a proper fit. To manually extend the cable, connect a 12-volt power source to the actuator by wiring the **positive source wire to the brown actuator wire** and the **negative source wire to the blue actuator wire**. When powered up, the cables will extend. When they stop (approximately 8-10 seconds), disconnect the power source.
2. Find a flat area along the frame rail to mount the unit (look for an area that will not cause interference with the cables). Hold the unit along the frame and mark an area to drill four mounting holes. If the frame is not boxed, you may mount the unit with standard 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 a thread locking agent on the bolts when mounting.
3. Once you have the unit mounted, measure the distance from the unit to the brake calipers to determine the length of any intermediate cables you may need (many vehicles already have these cables; If yours does not, there are many universal cable kits available). A good cable manufacturer should be able to help with routing and connectors to hook the cables to your specific brake model.
4. **Disconnect the vehicle battery before connecting the control box.** Failure to do so can cause damage to the control box. Run the electrical wires coming from the unit inside the vehicle and connect them to the supplied control box. **SEE REVERSE SIDE FOR WIRING DIAGRAM**
4. Connect the power cables on the control box to a 12-volt source (the power cables are on the same side of the box as the button cables). **Red is positive** and **Black is negative**. If you prefer, you may add a 10-amp fuse to the circuit. **Do not couple the E-Stopp wires to other electrical wires.** Interference from other systems can cause issues with your E-Stopp.
5. Connect the **blue wire** on the control box to the ignition switch. This will enable the ignition safety feature that *makes the unit inoperable while the ignition is on*. Failure to do so could result in the E-Stopp brake being activated while the vehicle is in motion. If you choose not to connect this wire, you do so **at your own risk**.
6. An **optional green wire** from the control box is available which can be connected to a positive voltage source (12 volts or less). Engaging the E-Stopp brake allows a low current (less than 25mA) to flow through this wire. This can be used to signal to other electronic systems that the brake is engaged, or to directly light an LED.

Button Function:

Press the button once to engage the brake. The button will click into place and blink until the brake is fully engaged and then stay lit. **Note: the system will beep while activating and deactivating.** Press the button again to release the brake. The button will release and blink until the brake is fully disengaged. Once the brake is fully disengaged, the button light will turn off.

COMPONENT OVERVIEW & WIRING DIAGRAM

