



## Important Safety Information

Read and follow all safety and installation instructions when installing and towing with the Fastway® Zip™ [breakaway switch system](#). Keep these instructions for future reference.

### **⚠️ WARNING**

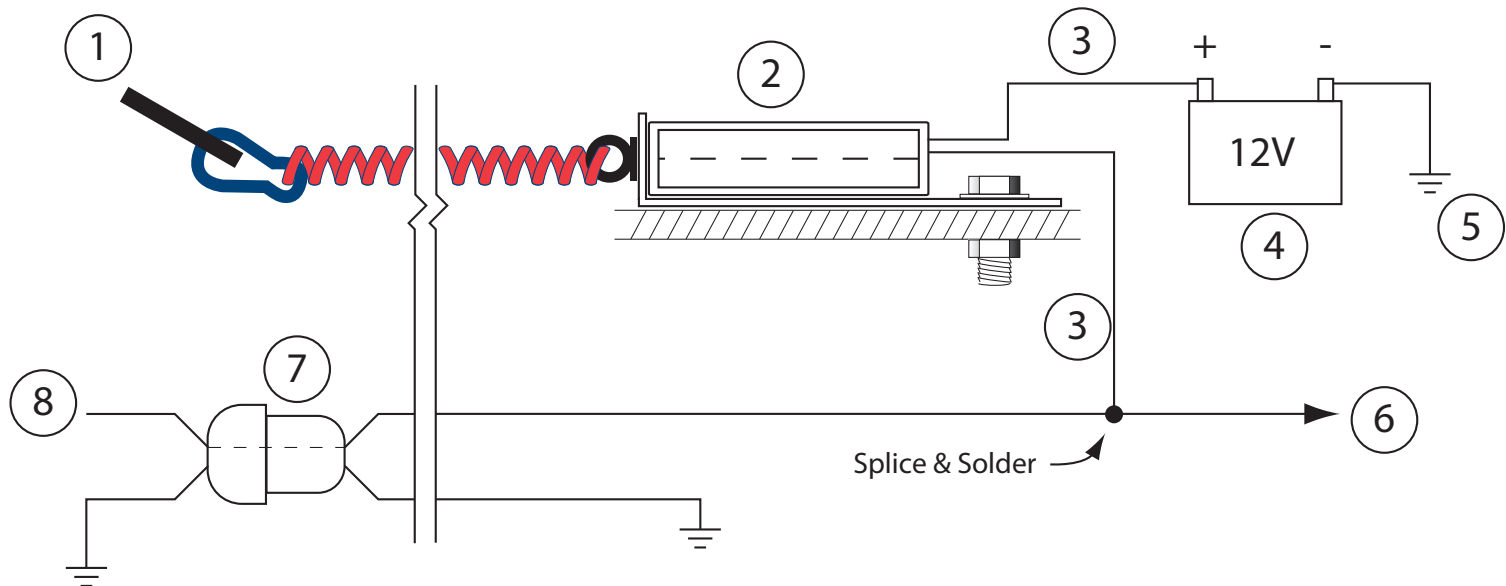
1. Loose or corroded connections may cause brake failure. Solder all wire connections.
2. Low or dead battery may cause brake failure. Battery should be checked for adequate charge before each trip. Do not use safety brake system as a parking brake. When parked, secure trailer with wheel chocks.
3. Fatigue and wear may cause shorts or open circuits resulting in brake failure. Test safety brake system for proper operation before each trip.
4. Obstructions may restrict breakaway pin from being pulled in an emergency. Install switch and couple cable in a location that allows pin to be freely pulled. Do not feed or loop cable through safety chain(s).
5. Rigid switch attachment may restrict breakaway pin from being pulled in an emergency. Do not overtighten installation bolt.
6. Safety chain or hitch ball failure may be cause of trailer separation. Attach breakaway cable directly to tow vehicle. Do not attach to safety chains, hitch ball, or ball mount.
7. Frayed or damaged cable may result in brake failure. Inspect cable before each trip and replace as needed.

### **⚠️ CAUTION**


1. Testing breakaway system with wiring harness connected may result in trailer brake system damage. Always disconnect wiring harness before testing.

## Installation and Instructions for Use

1. Select a location on trailer frame where switch can be mounted without interfering with jack, safety cables, or other tongue mounted equipment. Location should also provide unobstructed operation and connection of cable.
2. Mark and drill 1/4" hole in trailer frame.
3. Use 1/4" bolt and lock-nut to install switch box with cable and pin aimed toward tow vehicle. Leave bolt and nut slightly loose to allow switch box ability to pivot.
4. Refer to schematic for proper connection with trailer brake system. Properly insulate all connection points.
5. **Testing:** Couple trailer to tow vehicle. Be sure trailer plug is disconnected from tow vehicle. Pull safety brake pin to engage brakes. Attempt to pull the vehicle forward slowly. When functioning properly, both driver and passenger trailer brakes should be activated. If brakes do not engage properly, troubleshoot power supply, wiring connections, brake adjustment and function, and switch box. Repair or replace as required for proper operation.
6. When ready to tow, connect safety cable directly to tow vehicle. Make sure switch pin is in place, and properly connect trailer plug and safety chains.



Splice & Solder

- 1) Tow Vehicle
- 2) Fastway Zip Breakaway Switch and Coiled Cable
- 3) Black Leads
- 4) Battery
- 5) Ground (  )
- 6) Brake Input to Trailer Brakes
- 7) Trailer / Tow Vehicle Wiring Coupler
- 8) Brake Controller Output from Tow Vehicle