

BREAK-AWAY SWITCH INSTALLATION INSTRUCTIONS

READ THIS FIRST:

Read and follow all instructions before installing or operating the Break-away Switch. Keep these instructions for future reference.

Important Items to Consider

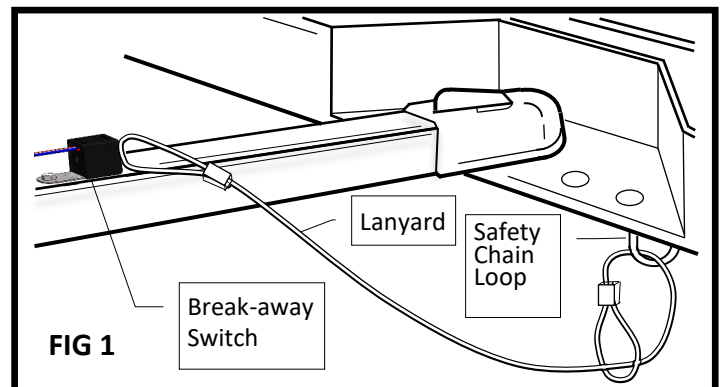
1. **ATTENTION INSTALLER:** Give this sheet to consumer upon completion of installation.
2. **SAFETY ITEM:** Solder all wire connections.
3. **SAFETY ITEM:** Check the condition of the battery, break-away switch and brakes prior to each trip.
4. **WARNING** Disconnect trailer wiring plug before testing break-away switch. Failure to do so will result in severe damage to electronic brake control.
5. **WARNING** Check your break-away system periodically to insure that wiring is not damaged and connections are secure. A short or open circuit can result in failure of the break-away system to work properly.
6. For technical assistance and warranty information go to www.dewelcontrols.com for contact information.

ATTACHING TO TOW VEHICLE

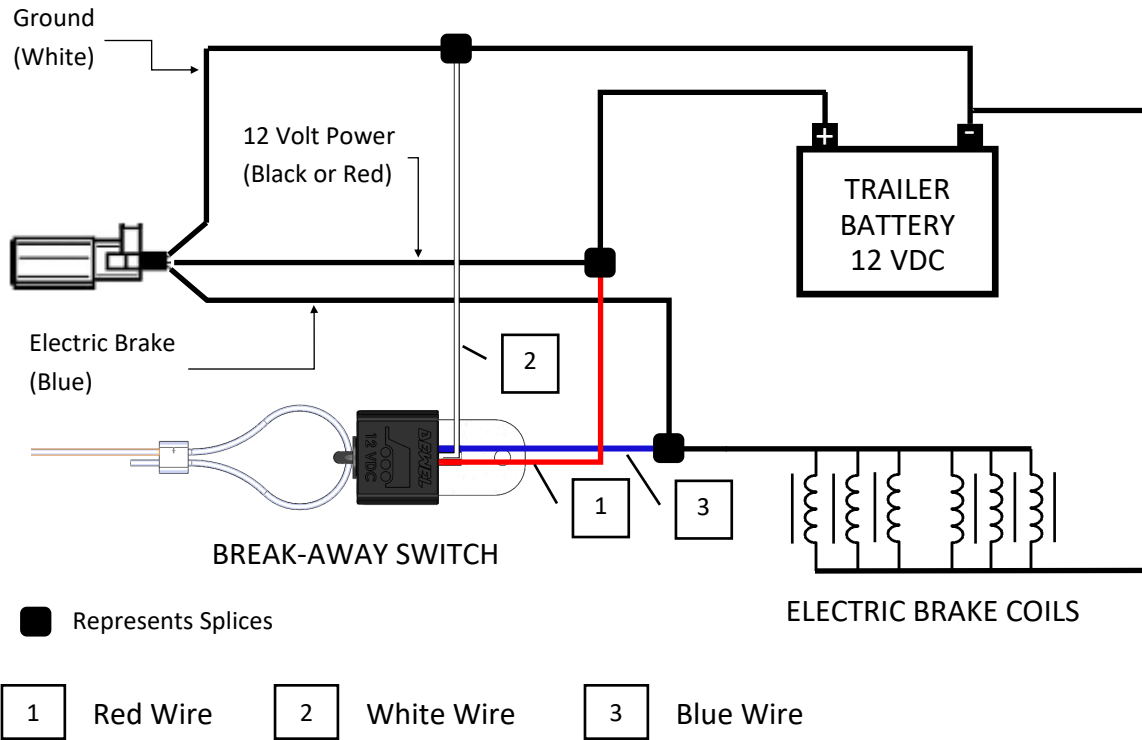
1. After tested, attach Break-away Switch Lanyard to the tow vehicle frame making certain the lanyard cable does not drag on the ground and the cable is not strained or restricted during normal operation. See FIG 1.
2. **WARNING** DO NOT hook lanyard cable to hitch ball or trailer safety chain.

INSTALLATION GUIDE

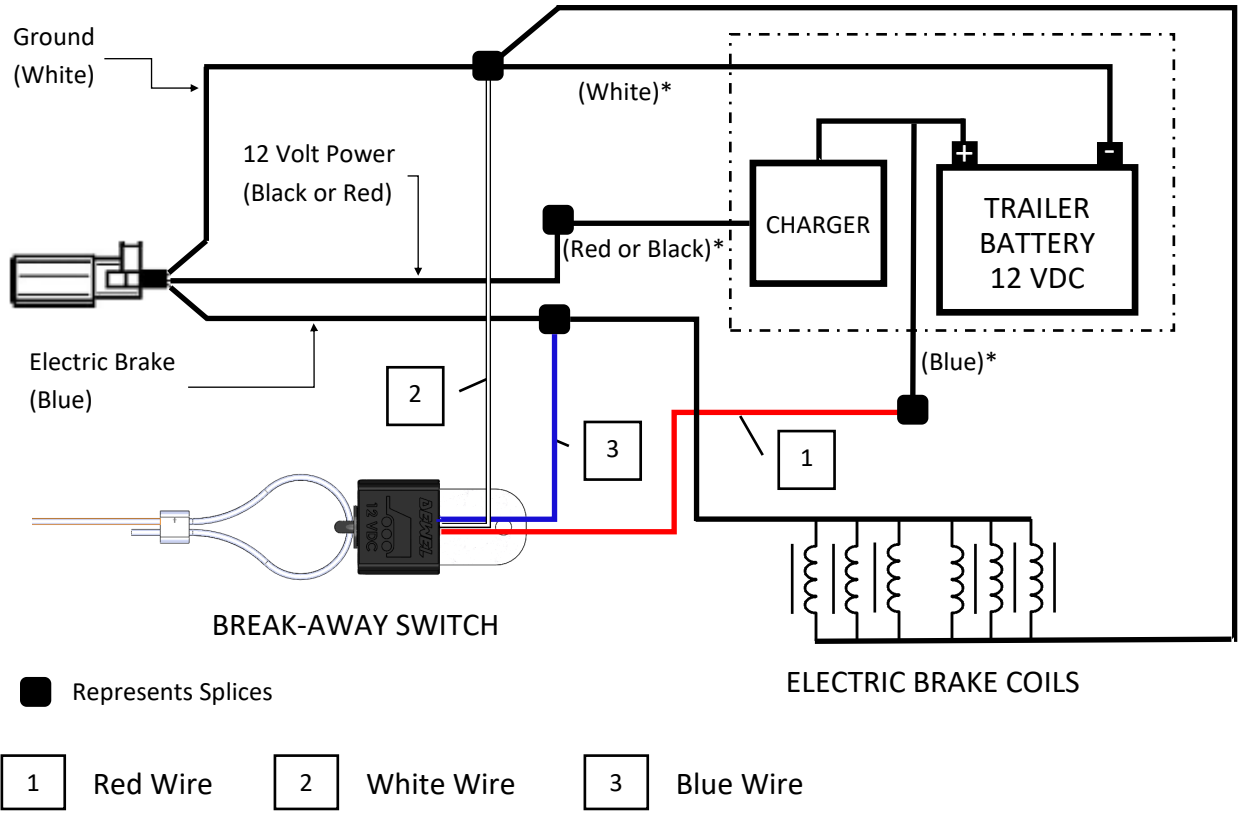
1. **WARNING** Switch is closed when magnet embedded in pin is removed. DO NOT mount switch near a magnetic field that could keep switch electrically open when pin is removed.
2. Break-away Switch must be mounted on the trailer with the Break-away Switch cable towards the towing vehicle.
3. Break-away Switch location should be selected close enough to the towing vehicle so that the cable can be attached to the vehicle.
4. Location of the Break-away Switch must also ensure an unobstructed line of pull in the event of unintended decoupling of the trailer from the towing vehicle.
5. **WARNING** Disconnect trailer wiring plug before installing break-away switch.
6. Fasten Break-away Switch to trailer frame using a 1/4" bolt and lock nut or 1/4" bolt and (2) jam nuts. (Bolt and nuts are not included)
7. **WARNING** Do not over tighten bolt. Switch must be able to pivot.
8. Wire per the appropriate schematic on next two pages. Solder all wires and properly insulate all connections.



SCHEMATIC WIRING DIAGRAM FOR BREAK-AWAY SWITCH

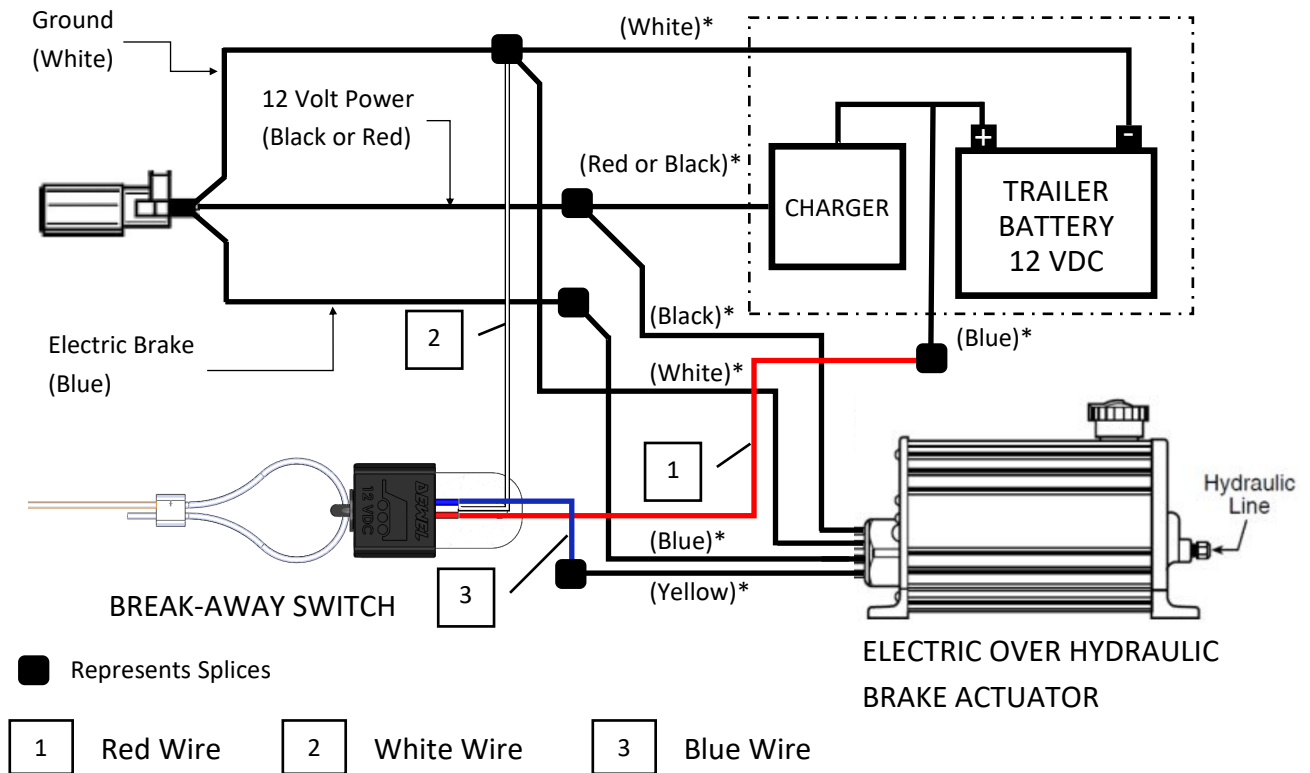


SCHEMATIC WIRING DIAGRAM FOR BREAK-AWAY SWITCH CONNECTED TO BATTERY WITH CHARGER



* Wire colors of battery with charger may differ depending on the manufacturer. Refer to Manufacturer's Instructions.

SCHEMATIC WIRING DIAGRAM FOR BREAK-AWAY SWITCH CONNECTED TO BATTERY WITH CHARGER AND ELECTRIC OVER HYDRAULIC BRAKE SYSTEM



*Wire colors of battery with charger and electric over hydraulic brake actuator may differ depending on the manufacturer. Refer to *Manufacturer's Instructions*.