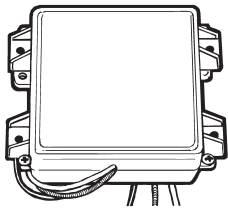




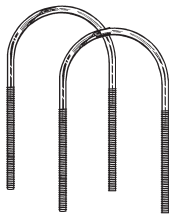
PART #20001, #20002, #20003* and #20004*
Break-Away System for Single, Tandem, and Tri-Axle Trailers
"Safety on the road"

Make sure you have all parts before you start your installation.

- Kits #20003 and #20004 do not include mounting hardware.



Break-Away Box



(2) U-Bolts

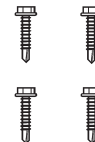
MOUNTING HARDWARE



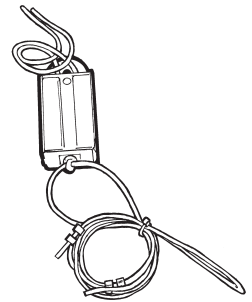
**(4) Small
Flat Washers**



**(4) Locking
Nuts**



**(4) Self-Tap
Screws**



**Break-Away
Switch with Cable**

The Break-Away System is designed to bring trailers safely to a stop by activating electric brakes, should a trailer be disconnected while driving. This type of safety system is required in most states on trailers rated over 3,000 GVW. The following instructions must be precisely followed to ensure proper operations. Please read the following instructions thoroughly before installing this product. Your trailer must have operational electric brakes before installation. Once you determine your trailer brakes work, find a secure location on your trailer to mount the Break-Away Kit. You have two options to mount this kit.

OPTION 1-

U-BOLT MOUNTING INSTRUCTIONS:

1. Use included U-Bolts and wrap around secure mounting surface on trailer (jack, frame, etc.).
2. Attach Brake-Away Kit by routing U-Bolts through holes provided on each side of the plastic casing.
3. Place one flat washer over each bolt with locking nut. Use 1/2" wrench and tighten. Note: Be careful not to over tighten. Over tightening may cause housing to crack.
4. Next mount Brake-Away Switch close enough on trailer that cable can be attached to vehicle.
5. Follow "Wiring Installations".

OPTION 2-

SELF-TAPPING SCREW MOUNTING INSTRUCTIONS:

1. Locate secure surface on trailer to mount Break-Away Kit.
2. With flat washers on each screw, route through provided holes in each corner of the Break-Away Kit plastic casing. Use screwdriver or drill and secure to trailer. **DO NOT** drill holes in trailer frame. This will weaken the frame and void your trailer warranty.
3. Next mount Break-Away Switch close enough on trailer that cable can be attached to vehicle.
4. Follow "Wiring Installations".

WIRING INSTRUCTIONS:

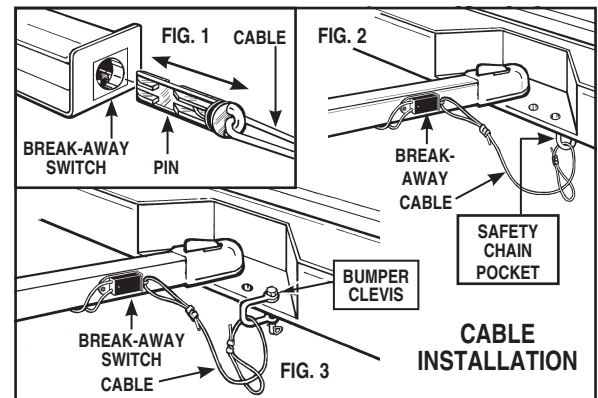
1. Splice the black wire of the Break-Away Switch to the electric brake wire coming from the trailer side connector (A).
2. Connect blue wire of Break-Away Switch to the blue wire (labeled "Brake") from the Break-Away Box (B).
3. Splice white wire from Break-Away Box to existing ground wire on trailer or ground directly to trailer frame (C).
4. Splice black wire on Break-Away Box to trailer 12-Volt auxiliary power lead (D). This will charge the Brake Away battery when vehicle is in use. (**Note:** Black wire is found only on Model 20001 and 20004.)
5. Test unit by pulling firmly on cable of Break-Away Switch. Battery will activate brakes. (**Note:** Do not use this kit as a parking brake.) Battery should be charged and tested prior to each trailer outing.

OPERATING INSTRUCTIONS:

1. Test your Break-Away Kit before each outing as described in Step 5 of the wiring instructions.
2. Once tested, Break-Away Switch cable should be secured to vehicle bumper or frame. The cable can be attached many different ways. Two of the most common are: (1) Pull the pin out of the Break-Away Switch (Fig. 1) and route through safety chain pocket (Fig. 2), then through cable loop and reconnect pin. (2) Attach cable loop to a bumper clevis (Fig. 3). Do not loop cable over hitch ball, cable may bounce off while vehicle is moving. **Note:** Plunger pin must be facing the rear of the vehicle directly behind where you secure the cable on your vehicle. Any other angle may cause Break-Away Switch failure.

Break-Away Kit Accessories

- #20005 Break-Away Switch Complete with Cable
- #20006 Box and Hardware
- #20009 Replacement Break-Away Switch Cable and Pin
- #20007 Break-Away Kit Charger



Look for other trailer wiring products

- Vehicle T-Connectors
- Converters
- Adapters
- Brake Controls

**YOUR TRAILER MUST HAVE OPERATIONAL
ELECTRICAL BRAKES TO USE THIS PRODUCT.**

SEE WIRING DIAGRAMS ON REVERSE SIDE. →

DIAGRAM WITH CHARGER (Part No's. 20001 & 20004)

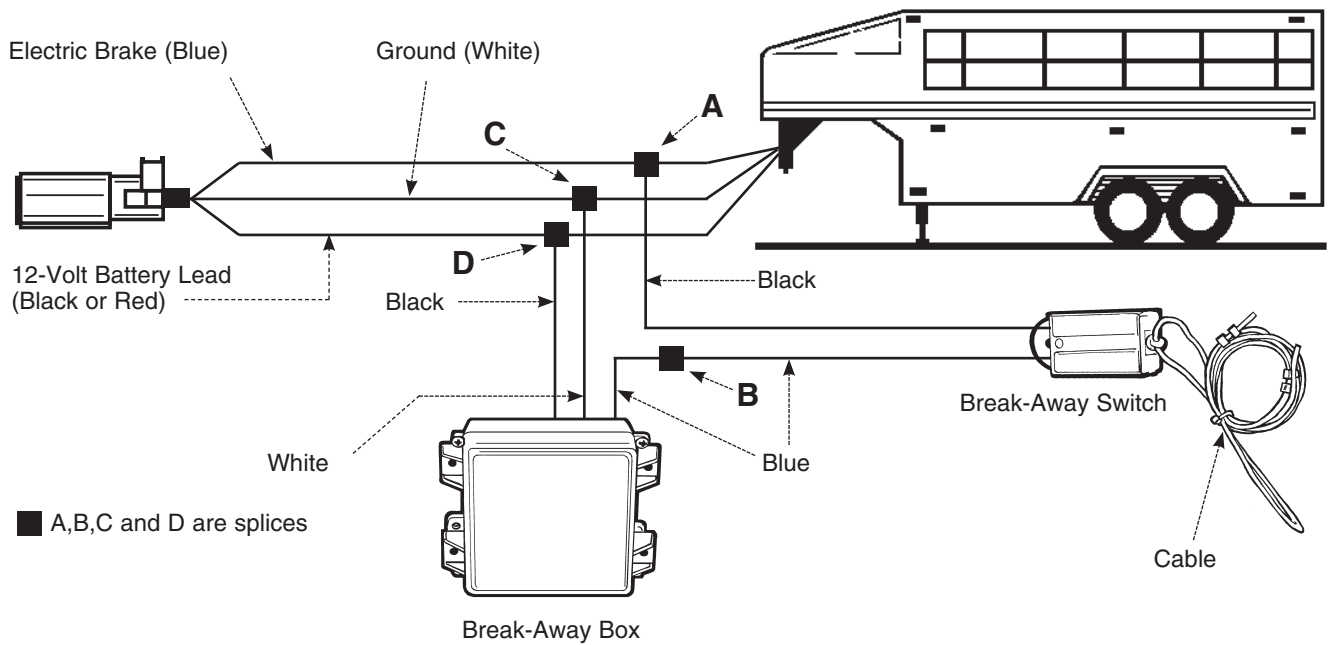
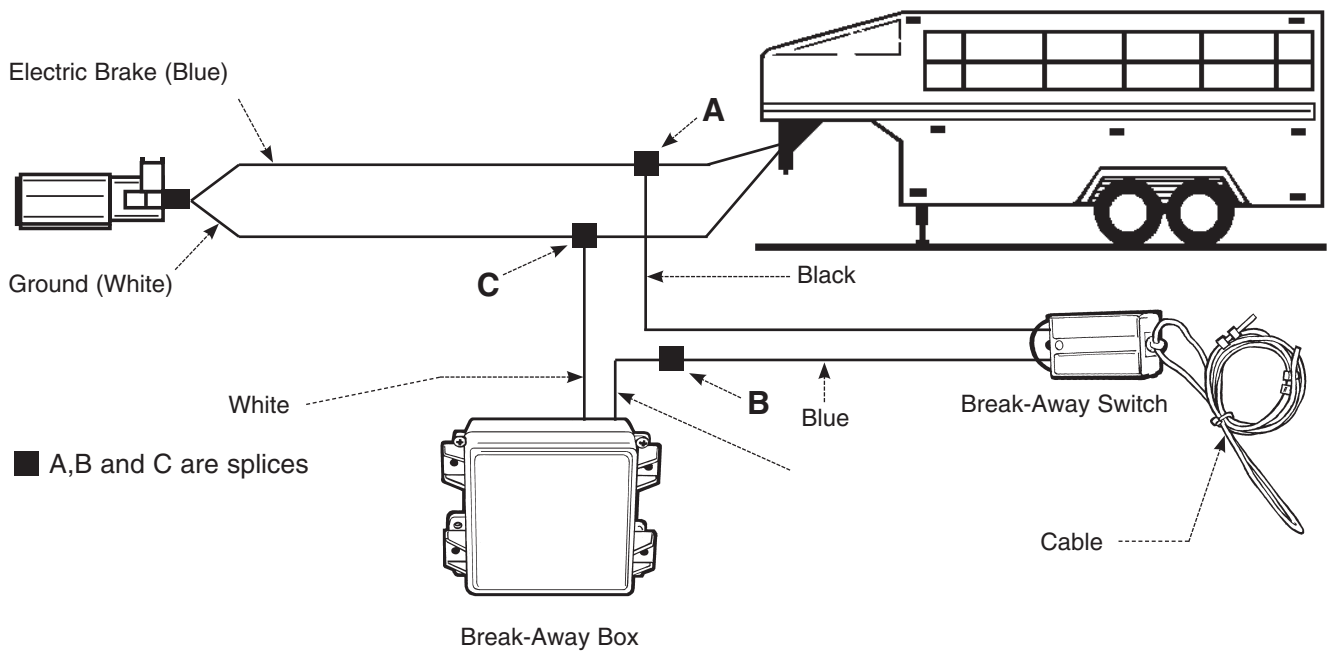


DIAGRAM WITHOUT CHARGER (Part No's. 20002 & 20003)



Note: Wire By Function Only. Color Coding is Not Standard Among Manufacturers.