

TECHNICAL SERVICES

BREAKAWAY SWITCH INSTALLATION

- 1. Locate the 3' #14 gauge black wire supplied in the kit and cut into two lengths of 12" and 24".
- 2. Working at the coupler, loosen the trailer's pigtail wiring harness clamp and pull the wiring harness out of the trailer frame approximately 4".

Note: On all trailers except Plantation series.

3. Using one 4734-238 blue connector, attach the black 12" #14 gauge wire cut in Step 1 to the blue electric brake wire of the trailer wire harness and let hang.

Note: On Plantation series trailers, connect black 12" #14 gauge wire in kit to the single black #14 gauge wire at trailer wiring harness.

4. Using a second 4734-238 blue connector, attach the black 24" #14 gauge wire cut in Step 1 to the pink or black auxiliary 12 volt power supply line and allow to hang.

Note: On Plantation series trailers, connect 24" #14 gauge wire cut in Step 1 to 12 volt auxiliary power connection on roadside of trailer frame next to front gas bottle angle.

- 5. Place breakaway switch on rear of coupler and attach to hole in top side of coupler with the 1200E133 bolts and 1201B603 lock nut supplied.
- 6. Locate the two 3' #10 gauge black and white wires supplied in kit.
- 7. Connect the 3' black #10 gauge wire to one end of the breakaway switch using one 4746-094 connector. Connect the opposite end of the breakaway switch to the 12" black #14 gauge wire installed in Step 3 to the 12 volt blue electric brake wire.

Note: For Plantation series trailers, refer to note in Step 3 for proper connection.

- 8. Attach the 3' white #10 gauge wire to the white ground wire on the trailer using a 4746-094 wire connector.
- 9. Attach loose ends of wires as follows:

Black #10 gauge - positive terminal on battery 24" Black #14 gauge - positive terminal on battery White #10 gauge - negative terminal on battery

Note: Cut all wires to desired length to avoid accidental entanglement when towing.

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- 10. Attach the small metal cable with O-ring on breakaway switch to the tow vehicle.
- 11. Push all wire connectors inside frame at coupler and retighten clamp for the trailer wire harness.

Note: Make sure any ground connections loosened are retightened.

12. Test breakaway switch by pulling safety pin out of switch and testing for 12 volt at brake assemblies or try to manipulate trailer. Brakes should be applied.

Note: All folding trailers shipped with factory-installed electric brakes will have a breakaway switch kit packed inside the trailer. This kit must be dealer-installed.