

Note: US Dept. of Transportation requires that trailers equipped with brakes have a trailer break away system for activation of the trailer brakes, in the event that the trailer should become detached from the tow vehicle during highway travel.

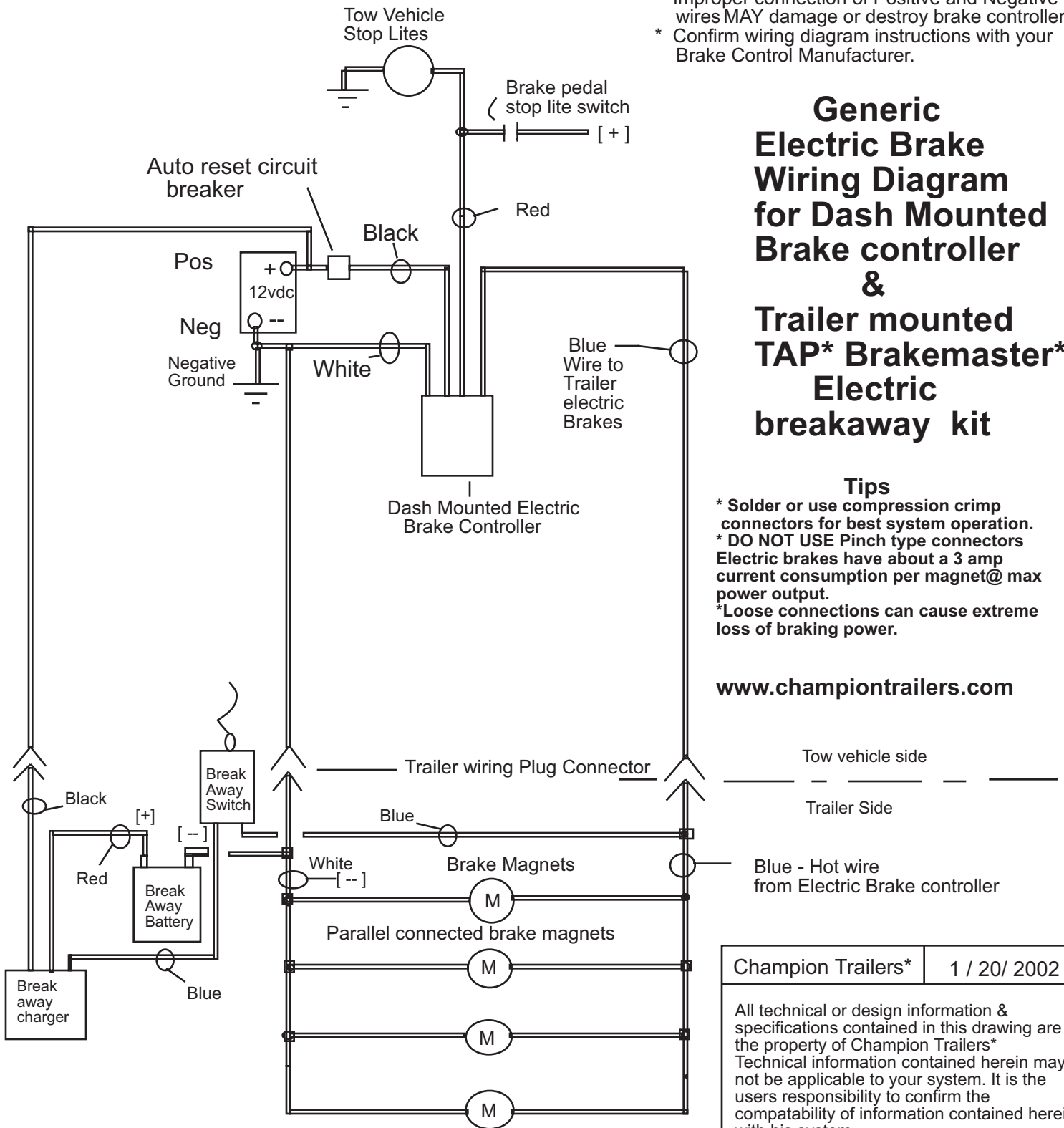
- * Trailers equipped with electric brakes typically use an emergency breakaway battery kit such as the TAP*Brakemaster* kit.
- * The battery for this system MUST be able to maintain brake activation for 15 minutes minimum.

The break away system normally contains a battery trickle charger for battery maintenance.

Brake controller wiring

- * Install auto reset circuit breaker in positive [Black] wire from battery to brake controller.
- * 20 amp for 4 magnets
- * 30 amp for 6 or more magnets.
- * Trailers with 8000# or larger axles should have magnet amp requirements determined before sizing circuit breaker.
- * Red wire connects to [cold -non activated] side of brake pedal stop lite switch.
- * Black wire connects to 12VDC positive
- * White wire connects to battery negative
- * Blue - Brake controller output to trailer electric brakes.
- * Improper connection of Positive and Negative wires MAY damage or destroy brake controller.
- * Confirm wiring diagram instructions with your Brake Control Manufacturer.

Generic Electric Brake Wiring Diagram for Dash Mounted Brake controller & Trailer mounted TAP* Brakemaster* Electric breakaway kit



Tips

- * Solder or use compression crimp connectors for best system operation.
- * DO NOT USE Pinch type connectors
- Electric brakes have about a 3 amp current consumption per magnet@ max power output.
- *Loose connections can cause extreme loss of braking power.

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Tow vehicle side

Trailer Side

Blue - Hot wire from Electric Brake controller

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