520001 Digital Gauge System Dim Wire Kit:

ALL GM Classic Update Kits (See page 2 for 510298 Mopar Cuda & Challenger Kit)

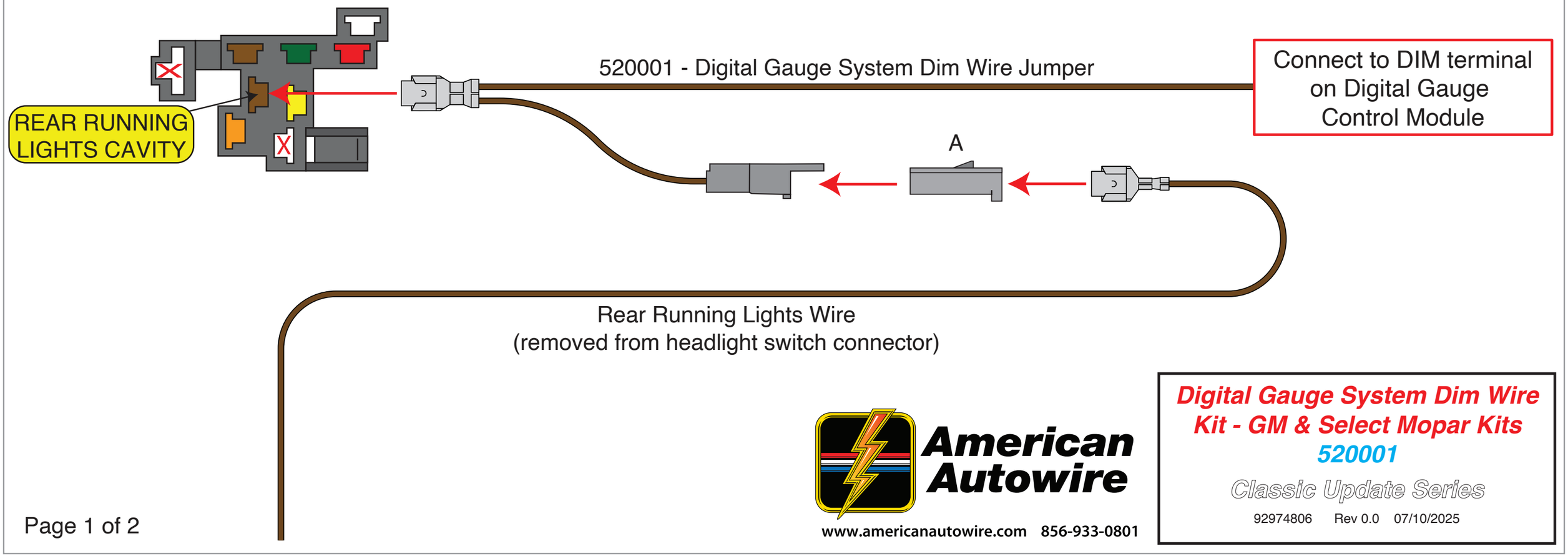
Use this kit when installing an aftermarket digital gauge system that requires a 12-volt signal to dim the display when the parking lamps or headlights are turned on.

1. **Locate the Headlight Switch Connector:**
   Locate the headlight switch connector in the dash harness section of the Classic Update Kit being installed, and remove the brown “REAR RUNNING LIGHTS” Wire. **DO NOT** cut the terminal off this wire, as it will be required later in the install.
   For guidance, refer to American Autowire’s instructional video on how to remove a terminal from a connector:
   https://www.youtube.com/watch?v=_3GoK3xE1gs

2. **Insert the Dimmer Jumper Wire:**
   Take the pre-terminated end of the dim wire jumper, which includes two wires in one terminal, and insert it into the now vacant cavity of the headlight switch connector (where the rear running lamps wire was originally removed).

3. **Reconnect the Rear Running Lights Wire:**
   Insert the now loose “REAR RUNNING LIGHTS” wire terminal into the provided 56Fx1 connector **(Item “A”)**. Plug this connector into the short pigtail section of the dim wire jumper as illustrated below.

4. **Connect to the Digital Gauge System:**
   Route the long loose end of the dim wire jumper to the digital gauge control module. Cut the wire to the appropriate length and connect it to the dimmer input on the controller, following the manufacturer's instructions, to complete the installation.



American Autowire
www.americanautowire.com 856-933-0801

Digital Gauge System Dim Wire Kit - GM & Select Mopar Kits
520001
Classic Update Series
92974806 Rev 0.0 07/10/2025

520001 Digital Gauge System Dim Wire Kit:
510298 Mopar Cuda & Challenger Classic Update Kit (ONLY)

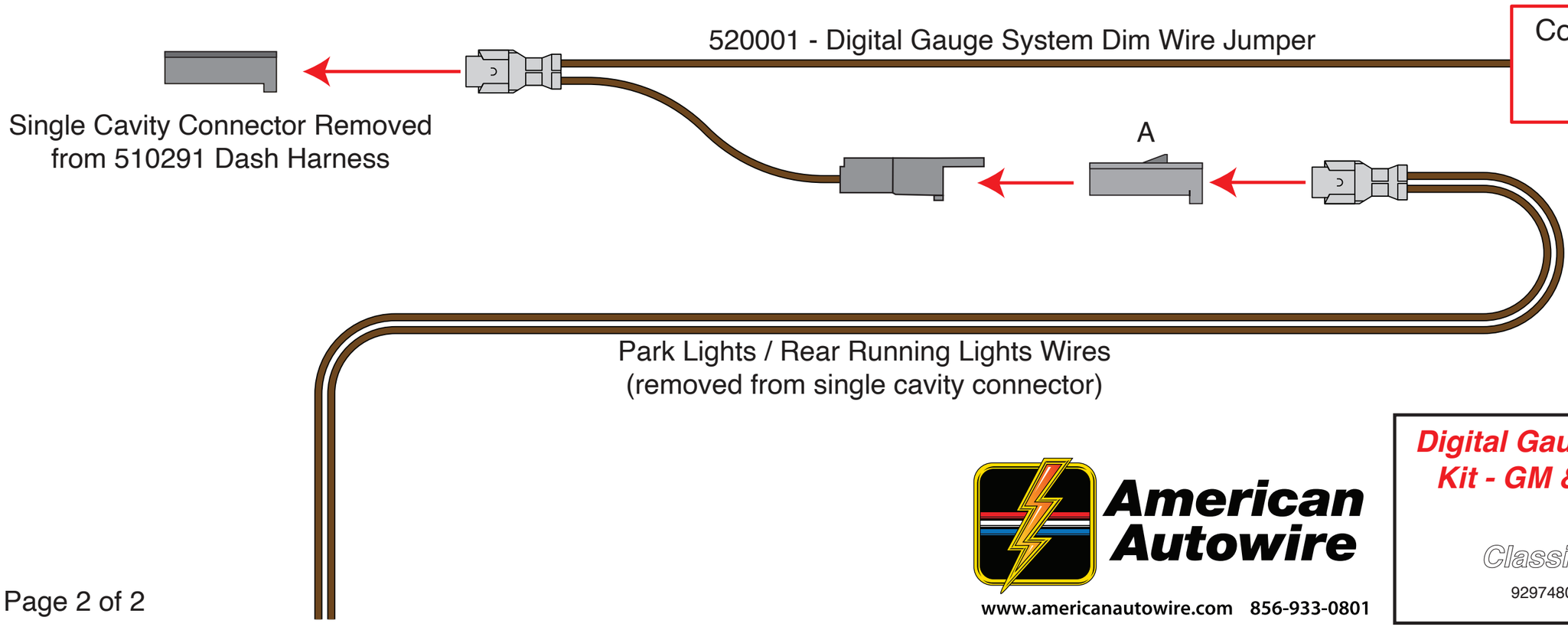
Use this kit when installing an aftermarket digital gauge system that requires a 12-volt signal to dim the display when the parking lamps or headlights are turned on.

1. **Locate the Headlight Switch Connector:**
   Locate the Park/Tail Lights connector in the headlight connection section of the 510291 Dash Harness, and remove the brown “PARK LIGHTS” / “REAR RUNNING LIGHTS” Wires from the single cavity connector. **DO NOT** cut the terminal off these wires, as it will be required later in the install.
   For guidance, refer to American Autowire’s instructional video on how to remove a terminal from a connector:
   https://www.youtube.com/watch?v=_3GoK3xE1gs

2. **Insert the Dimmer Jumper Wire:**
   Take the pre-terminated end of the dim wire jumper, which includes two wires in one terminal, and insert it into the single cavity connector that was removed from the dash harness.

3. **Reconnect the Rear Running Lights Wire:**
   Insert the now loose “PARK LIGHTS” / “REAR RUNNING LIGHTS” wires previously removed from the single cavity connector on the dash harness into the provided 56Fx1 connector **(Item “A”)**. Plug this connector into the short pigtail section of the dim wire jumper as illustrated below.

4. **Connect to the Digital Gauge System:**
   Route the long loose end of the dim wire jumper to the digital gauge control module. Cut the wire to the appropriate length and connect it to the dimmer input on the controller, following the manufacturer's instructions, to complete the installation.



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