# 520002 Digital Gauge System Dim Wire Kit:

### Ford Classic Update Kits (See page 2 MOPAR & JEEP kits)

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 "PARK LIGHTS" / "REAR RUNNING LIGHTS" Wire(s) from the cavity shown in the illustration below. **DO NOT** cut the terminal off this connection, 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 "PARK LIGHTS" / "REAR RUNNING LIGHTS" wire(s) have been removed).

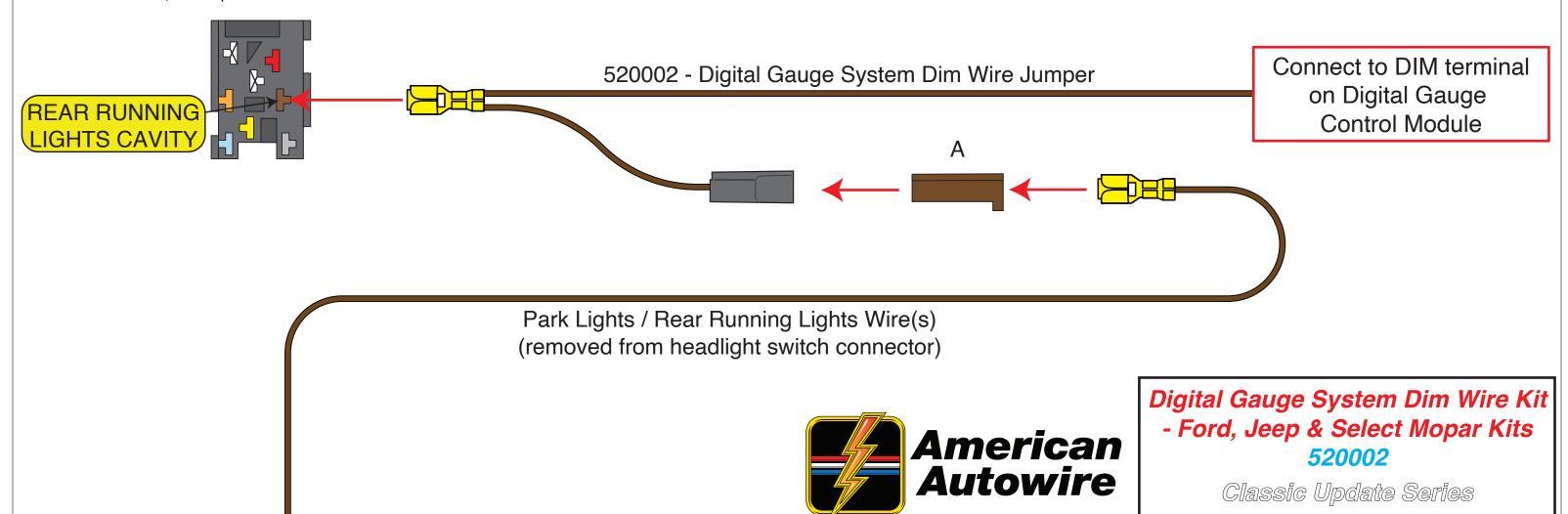
### 3. Reconnect the Rear Running Lights Wire:

Insert the now loose "PARK LIGHTS" / "REAR RUNNING LIGHTS" wire terminal into the provided 58Fx1 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:

Page 1 of 2

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.



www.americanautowire.com 856-933-0801

92974808

Rev 0.0 07/07/2025

# 520002 Digital Gauge System Dim Wire Kit:

### **MOPAR & JEEP Classic Update Kits**

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 "PARK LIGHTS" / "REAR RUNNING LIGHTS" Wire(s) from the cavity shown in the illustration below. **DO NOT** cut the terminal off this connection, 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 "PARK LIGHTS" / "REAR RUNNING LIGHTS" wire(s) have been removed).

### 3. Reconnect the Rear Running Lights Wire:

Insert the now loose "PARK LIGHTS" / "REAR RUNNING LIGHTS" wire terminal into the provided 58Fx1 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.

