



Driven Beyond Perfection

ELECTROLUMINESCENT INSTRUMENT PANELS INSTALLATION INSTRUCTIONS

APPLICATION: 1966 - 1977 Bronco

Scott Drake now offers a truly exciting custom look for 1966 - 1977 Bronco instrument panels. Electroluminescent panels actually glow with a soft light. Our panels feature exact details of the original instrument panels. The Electroluminescent system comes complete with a power converter, a control box that features a rheostat to adjust brightness, and a button to change the luminescent color from soft blue to soft green.

TOOLS REQUIRED:

- Standard Phillips Screwdriver
- 3/8" Nut Driver
- Small Wire Cutters

PREPARATION:

PERMANENT MODIFICATION **WARNING!**

Installation of the electroluminescent panels requires some permanent modification to the original instrument panels. Many of the original instrument panel faces have raised edges that will have to be modified. Typically a small notch will need to be cut from the raised edge to allow the electroluminescent electrical contact to pass through.

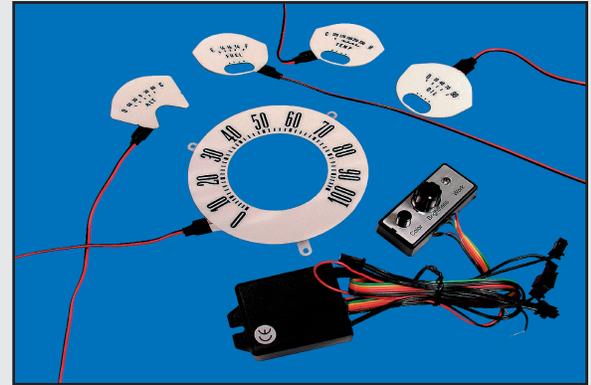
Adhesive material glue, or double-sided tape, is also applied to the face of the original instrument panels to secure them. Future removal will cause damage to the original face.

EXTREME care is required! Use caution while handling instrument needles! Installation of the electroluminescent panels requires removing or touching needles. **EXTREME CAUTION** must be taken to avoid damaging the gauges.

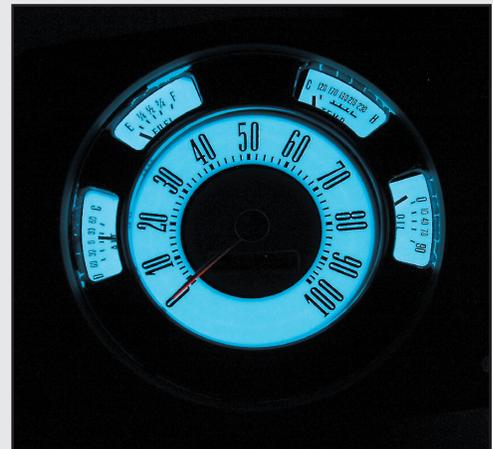
Electroluminescent panels are electrical devices. Understanding and care is needed when dealing with this product. Scott Drake is not responsible for any damage caused to the vehicle or the original instrument gauges due to the improper installation of the electroluminescent panels.

Knowledge and understanding of your particular instrument panel is required. If you are not familiar with your Mustang's instrument panel, please seek professional assistance for this project.

DISCONNECT THE BATTERY BEFORE STARTING THIS PROJECT!



'66-'67 Electroluminescent Instrument Panel Gauges
Part # C6TZ-10890-GLO



IS.10890-BRON

INSTALLATION:

Step 1: Remove the Instrument Panel

The instrument panel must be completely removed from the dash. The bezel face will also be removed, exposing the gauges. (Figure 1-A)

Our electroluminescent panels replace the original lights in the instrument panel. With this in mind, the light sockets can be removed from the panel. Do not remove the turn signal, high beam or other lights from the panel. Typically, the instrument lights have a blue with red stripe wire. This wire can be disconnected from the harness and the sockets removed for a safer, cleaner installation. The wire harness from each electroluminescent panel will exit through one of the three light socket holes. (Figure 1-B)

Step 2: Remove the Speedometer

Remove the speedometer assembly from the panel assembly. Two screws retain the speedometer. (Figure 2) The speedometer needle will also need to be removed. **Extreme Caution** is needed when dealing with this needle. While holding the speedometer eccentric, carefully pull the center of the needle off. Some effort may be required.

Step 3: Installation of the Electroluminescent Gauges

Most gauges have a raised outer edge. Our electroluminescent panels are designed to fit into this area perfectly. Inspect the edges of each gauge for sharp areas. Remove any material that may short the electroluminescent panel. It is important that the connector is not bent extremely. *(The flatter the better to avoid panel lift after installation.)* Clean the face of each gauge and the back side of each electroluminescent panel with alcohol to enhance the adhesive bond.

Step 5 : Position & Secure Gauge Panel

Slide the electroluminescent panel under the needle of the gauge. (Figure 3) **Use Caution!** Carefully slide the electroluminescent panel into position. Remember, gauge needles are extremely fragile. **Never attempt to cut electroluminescent panel. Cutting will destroy the electroluminescent material!**

After the electroluminescent panel has been positioned onto the gauge face, secure with adhesive tape or glue. Always double check the position of the panel for accuracy so the location of each gauge will remain unchanged. Confirm that the panel is not lifting at the electrical connection, or obstructing the movement of the needle.

Run each panel wire through the nearest light socket hole in the back of the panel housing. Route all wires along the back of the panel and secure to the main harness with wire ties or electrical tape for a clean installation. Connect the electroluminescent panel wires to the control harness.

Step 6: Install Power Source and Control Box

The electroluminescent system requires it's own power converter



Figure 1-A



Figure 1-B

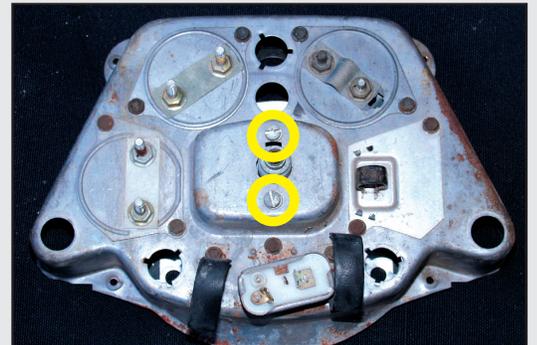


Figure 2



Figure 3



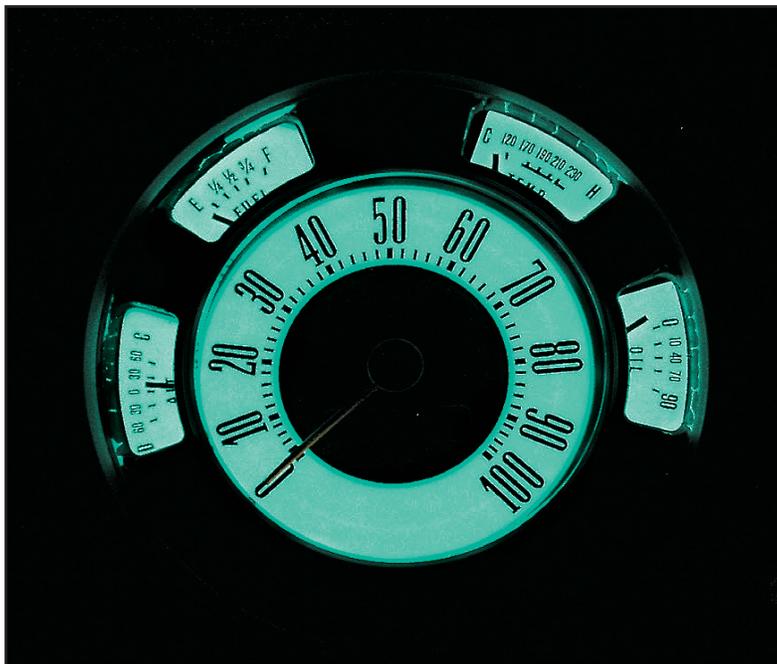
Secured Electroluminescent gauge overlays

and control box which is provided. The preferred method is to connect the electroluminescent system to the instrument light circuit that is controlled by the headlamp switch. If this source of power is used, the headlamp switch rheostat must be set at full bright at all times to avoid damage to the power converter. The control box will adjust brightness of the new electroluminescent panels only. It will not control brightness of other lights on this circuit.

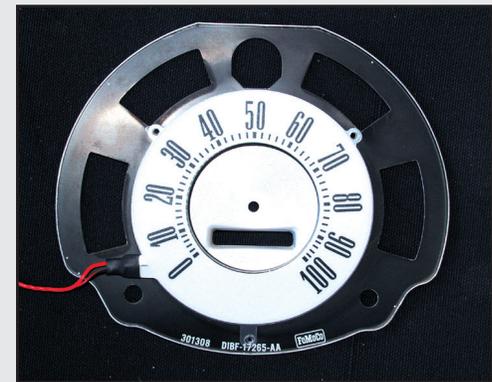
Power for the system may also be obtained from the fuse panel by tapping into a 7.5-10amp circuit. When using this source of power, all controls, On/Off and Brightness, are through the electroluminescent control box. No longer will the headlamp switch control the instrument panel lights.

Position the power converter out of view under the dash. Secure the box to avoid rattling or falling. Position the control box on the dash so it can as easily be seen and controlled by the driver. Connect the black wire from the power converter to a ground point under the dash. Connect the red wire to the power source chosen. Connect the battery and check out your new electroluminescent panels.

Note: The red light on the control box confirms power is running to the system. You may notice after several weeks the electroluminescent panels may darken slightly. This is normal "seasoning" of the electroluminescent material.



Original black face speedometer gauge



Electroluminescent speedometer gauge overlay

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SATISFACTION GUARANTEE:

If you are not happy with this product for any reason or found product to be defective in manufacturing, simply return it to Scott Drake Enterprises, Inc. within 30 days of purchase and we will replace it - no questions asked. We stand behind our products one hundred percent, so you can sit behind the wheel with pride.

** Please call Scott Drake Customer Service for a Return Authorization (RA) before returning any product. Proof of purchase and dated receipt must be present with any return. All returned products are tested and if found to be damaged by the installer, no replacement will be issued. You pay the the cost to ship to us, we pay for the return shipping. Guarantee does not include any labor and/or tax charges incurred.*



**130 Cassia Way
Henderson, NV 89014**
t: 702.853.2060
f: 702.853.2062

