

Glow Plug Controller

Prototype Glow Plug Control Unit designed for use on 7.3L 8-Cylinder engines.

Control was based the temperature coefficient of resistance of the dual-coil heating elements.

The controller uses high-current field effect switches to provide individual control of PTC glow plugs. This makes it possible to detect and report individual glow plug failures, as can be seen in the attached photo where the glow plug on the far left has been disconnected.

