■ GLOW PLUG CONTROL

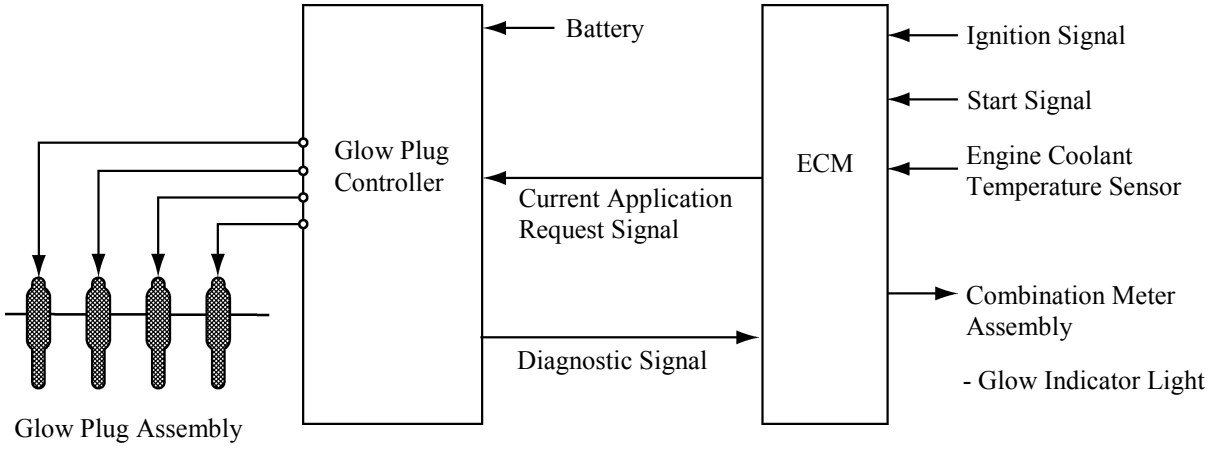
1. Function

The ECM sends signals to the glow plug controller, and the glow plug controller controls the operating temperature and the length of time for which current is applied to the glow plug assemblies in accordance with the engine conditions. By precisely controlling the temperature inside cylinder, low emissions are achieved.

2. System Control

The glow plug control carries out the following controls:

1) When the ignition switch is turned from off to on, the ECM sends a signal to the glow plug controller. Based on this signal, the glow plug controller heats the glow plug assemblies rapidly. At this moment, the glow indicator light in the combination meter assembly is illuminated to inform the driver that the glow plug assemblies are being heated.
2) When the engine starts and the start signal is off, after-glow control is conducted.
3) In accordance with signals from the ECM, the glow plug controller applies current via the glow plug assembly to control the temperature of cylinder.
4) When the glow plug controller detects a malfunction in the glow circuit, it sends a diagnostic signal to the ECM.



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