

ENGINE PROTECTION MODULE

An engine protection module (EPM) is installed in your Gillig chassis. Its purpose is to warn the operator of a condition which could damage the engine and to automatically shut the engine down if the dangerous condition is not corrected in the appropriate time interval. The EPM is wired into the chassis harness by the coach manufacturer during construction of the motorhome. It is located by the manufacturer and can be found by referring to the manufacturer's manuals.

The EPM is a solid-state device which is connected to sensors on the engine. It monitors engine coolant temperature, engine oil pressure, air system pressure, and coolant level. If the module senses low engine oil pressure or high engine temperature, it will sound a horn and illuminate the appropriate dash-mounted indicator lamp. After twenty (20) seconds it will shut the engine down to preclude damage. If the module senses low air pressure or low coolant level it will sound the horn and illuminate the appropriate indicator lamp. The module is sealed and is not separately serviceable: It must be replaced if defective. As can be seen, then, the EPM will shut the engine down only for low oil pressure and high coolant temperature.

Rick

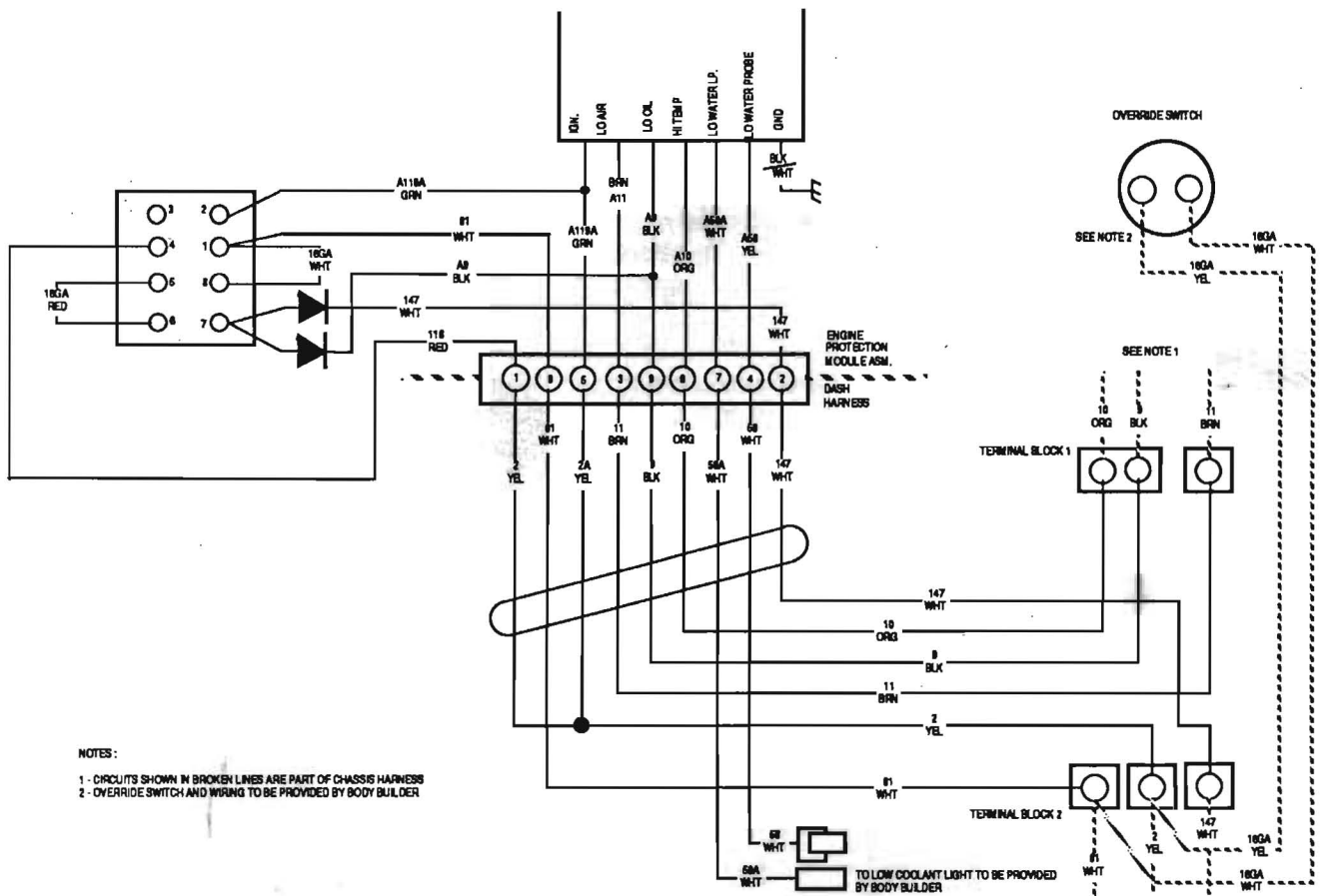


Figure 7-4. EPM Interface