

Technical Bulletin

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Subject: **Cruise Control and Electronic Engines**

The Bendix cruise control system is intended for use on diesel engines equipped with a conventional, mechanically operated, throttle and fuel pump combination. The cruise control system incorporates an air cylinder and throttle cable assembly, along with a linkage which attaches to the engine's fuel pump throttle lever. Control of engine speed is obtained by positioning the fuel pump throttle lever.

A number of new, low emissions, engines are now available that feature electronically controlled fuel management system. These engines utilize an electronic accelerator pedal in combination with an electronic control unit (ECU) to manage the fuel pump or electronic unit injectors (EUI). Conventional mechanical linkages between the pedal and fuel pump are eliminated on these engines. The Bendix cruise control system can not be installed on electronically controlled engines.

Electronic fuel management is available, or will be shortly, from all major engine manufacturers on at least some selected engines or special option packages. Some examples of the engines or option packages are; the Detroit Diesel DDEC (Series 60), Cat 3176 and 3406B "PEEC", Cummins "PACE" or "CELECT" and the Mack "E Mack".

