



Model: FMCT

Overview.

The Ford ECU System is a Tyre Pressure Monitoring (TPM) System. It consists of a transmitter and a receiver ECU (Electronic Control Unit). The TPM Transmitter has been developed to monitor a vehicle's tyre pressure and temperature whilst driving and stationary. An electronic unit inside each tyre (referred to as the TPM Transmitter) mounted to a valve stem, periodically measures actual tyre pressure and temperature. By means of RF communications, this pressure and temperature information is transmitted to an ECU. The ECU shall decode the incoming RF signals, format the data, and transfer the data to the CAN bus within the vehicle as required by the customer or supplier. The system shall also automatically detect the wheel locations of each transmitter on the vehicle. This is achieved by the transmitter determining side-to-side location and the ECU determining the transmitter front and rear locations.