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RE: Certification for TRW Keyless Ignition Node

Model #: 226092
FCC ID: GQ4-58T
IC ID: 1470A-39T

PRINCIPLES OF CIRCUIT OPERATION

The Keyless Ignition Node (KIN) contains the vehicle operator interface for the vehicle ignition switch activation. KIN operates with vehicle battery power.

During the normal operation, KIN only provides the engine start / stop button and the vehicle power status indication. However, when the battery power of the key fob is exhausted and the Passive Entry / Keyless Go function cannot be performed between the key fob and the RF Hub Module (RFHM), KIN will perform the immobilizer function with a key fob, which has a LF transponder built-in, in the close proximity using LF communication as the KIN start button is pressed.