



5200 Auto Club Dr.
Dearborn, Michigan 48126-9982
(313) 593-9000

Re: Certification for Lear Corporation
Internal Antenna Receiver Model: L0101456
External Antenna Receiver Model: L0111925
FCC ID: KOBGR07A
IC: 3521A-R07A

DESCRIPTION OF OPERATION

GENERAL DESCRIPTION

The product for which certification is pursued will be manufactured for General Motors Corporation by Lear Corporation for automotive applications. This 315 MHz receiver is mounted in an automobile and works in conjunction with a hand held transmitter and tire pressure monitoring transmitters. The receiver is permanently mounted in the vehicle and is powered by the vehicle battery. This receiver performs the following functions:

Lock/unlock (Remote Keyless Entry function)
Panic/alarm (Remote Keyless Entry function)
Tire pressure monitoring

The receiver can be programmed to perform Remote Keyless Entry only, Tire Pressure Monitoring only, or both. The receiver contains a printed circuit board assembly. The two piece exterior housing is injection molded plastic.

TECHNICAL DESCRIPTION

The receiver is a superheterodyne type architecture that utilizes ASK modulation scheme. The receiver detects RF data information from a transmitter and performs the functions as defined by the transmitted message. The module uses a PCB trace antenna or a rigid wire antenna mounted on the PCB.

NAME AND ADDRESS OF MANUFACTURER

Lear Corporation

5200 Auto Club Drive
Dearborn, Michigan 48126

And

5100 West Waters Ave.
Tampa, FL 33634