

The RFHM is an integrated receiver (basestation) in the vehicle that interfaces with the Remote Keyless Entry (RKE) FOB/IK using RF and LF. The RFHM contains the controlling logic for the Passive Entry Keyless Go (PEKG) feature, electronic Steering Column Lock (ESCL) module (if so equipped), Brake Transmission Shift Interlock (If so equipped) and the Keyless Ignition Node (KIN) lighting. The RFHM communicates on the CAN C vehicle communication bus and on a dedicated KIN line with the KIN. The RFHM also interfaces with the vehicle's door handles, trunk/Liftgate (as equipped) and multiple LF antennas for purposes of providing PEKG functionality

The RFHM module provides the following functions:

1. Vehicle Ignition status via the CAN bus
2. Chrysler Key FOB Validation and Vehicle Immobilization
3. Remote Keyless Entry (RKE) including remote start
4. ESCL (Electronic Security Column Lock) control
5. Brake Transmission Shift Interlock (BTSI)
6. Passive authentication for entry
7. Passive authentication for operation
8. TPMS functionality.