



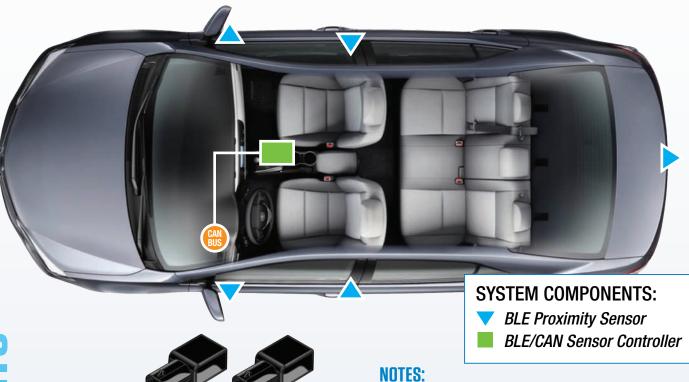


VOXXAutomotive

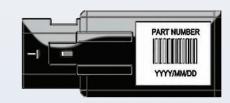
Vehicle

w/efob™

Anticipated BLE Sensor Control Module & efob BLE Sensor placement locations to optimize the accuracy of proximity algorithm.



(5) efob BLE Proximity Sensors



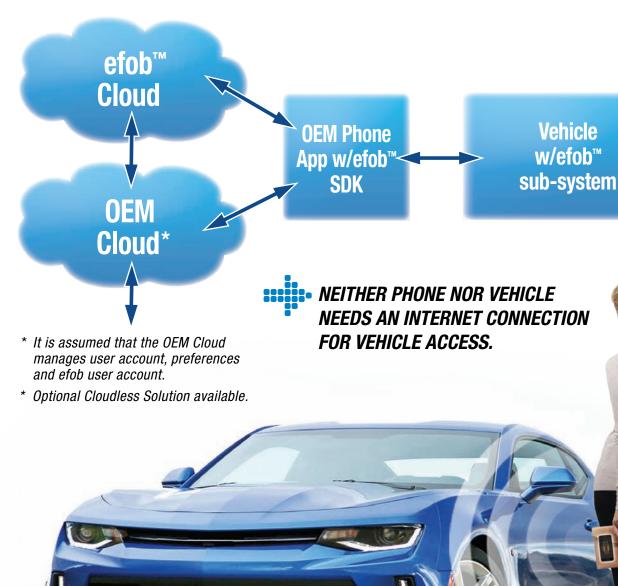
(1) BLE Sensor Control Module

SENSOR POSITIONS

- Passenger & Driver sides Mirror or Door Handle.
- Passenger & Driver sides Door Interior or Interior Lower side B-pillar.
- Trunk/Lift Gate Interior/Exterior.
- Center Console or Center Dash (BLE Sensor Control Module).
- * Patent No. US009241235B2 additional patents pending.

SYSTEM SECURITY BENEFITS

- Three roots of trust (2 cloud, 1 phone).
- Standard Internet security techniques (such as online banking).
- Mutual authentication (identity).
- Mutual authorization (features enabled).
- Additional AES encryption layer on top of BLE encryption.

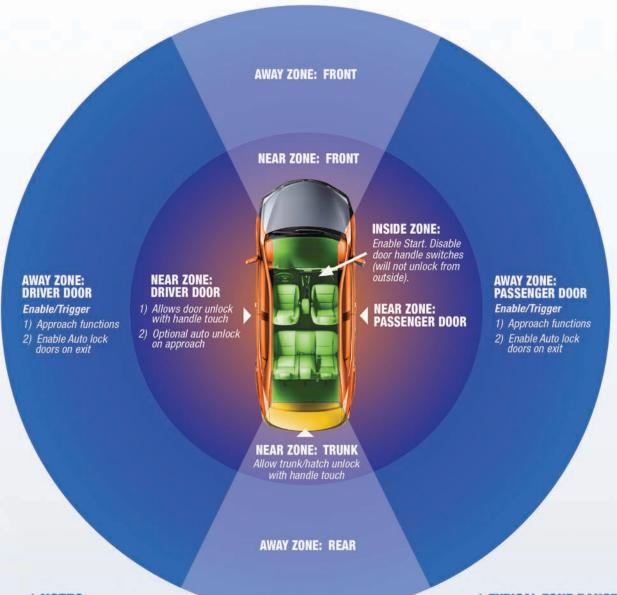


System

efob...Bluetooth Passive Entry System

Proximity Detection Zones

Zone statuses as driver approaches vehicle and efob system is detecting the location of the phone.



* NOTES:

Zone range is variable and depends on environmental factors such as RF interference proximity to walls, structures and other vehicles.

* TYPICAL ZONE RANGE

- Inside-outside Detection 0-30cm
- Near Zone 1-3m from vehicle skin
- Away/Approach Zone 7~10m
- Connection Range up to 30m

