



Clever Escape



Drive smart.

Ford's all-new hands-free liftgate, enabled by Intelligent Access with push-button start, combines sensors and a gentle kicking motion to open the rear hatch without lifting a finger. No more fumbling for keys or setting packages down before loading them.

How it works

1



Customer approaches the vehicle with the Intelligent Access key. The key fob can be kept in a coat pocket, purse or briefcase.

2



The customer approaches the rear bumper. A gentle kicking motion under the bumper unlocks and automatically opens the hatch.

3



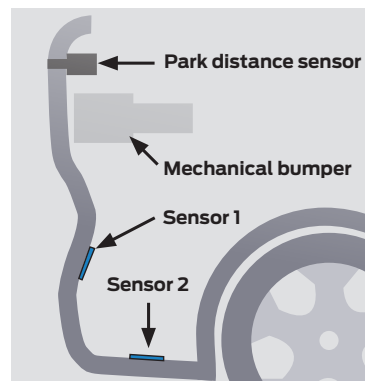
Sensors detect both the shin and the kicking motion. The combination of detecting the key fob and kicking motion is necessary to unlock and open the hatch. This safeguards against any accidental opening, such as from an animal running under the vehicle, hitting a bump in the road or a similar action.

4

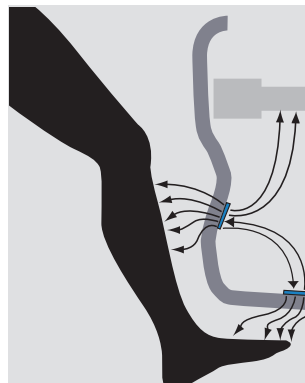


Belongings can be easily loaded into the cargo area. The height of the liftgate can be programmed to the customer's needs. The kicking motion closes the liftgate as well.

The science behind the technology



The motion sensors are located in two places in the bumper. One sensor detects the shin and the other detects the leg motion.



The detection of the kicking motion changes a miniature electrical field, alerting the system to respond. The effect of the leg movement is similar to motion technology employed by today's video games.