



Hands-Free Liftgate: A Real Kick

Ford's hands-free liftgate is an available feature for the all-new 2013 C-MAX Hybrid and C-MAX Energi plug-in hybrid that combines sensors and a gentle leg 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



Customer approaches the vehicle with the key fob in a coat, purse or briefcase



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

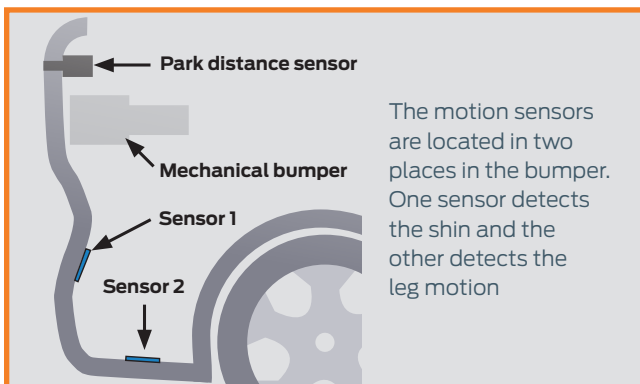


Sensors detect both the shin and the leg motion. The combination of detecting the key fob and leg motion is necessary to unlock and open the hatch. This safeguards against any accidental opening, such as from an animal running under the car, hitting a bump on the road or a similar action

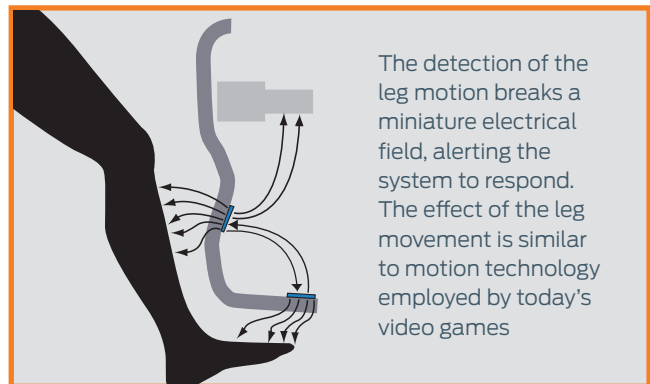


Belongings can be easily loaded into the cargo area. The height of the liftgate can be programmed to the customer's needs, either higher or lower

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 leg motion breaks 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

