

## How to Program Car Keys

BY MATTHEW FORTUNA



Stephen Walter/Demand Media

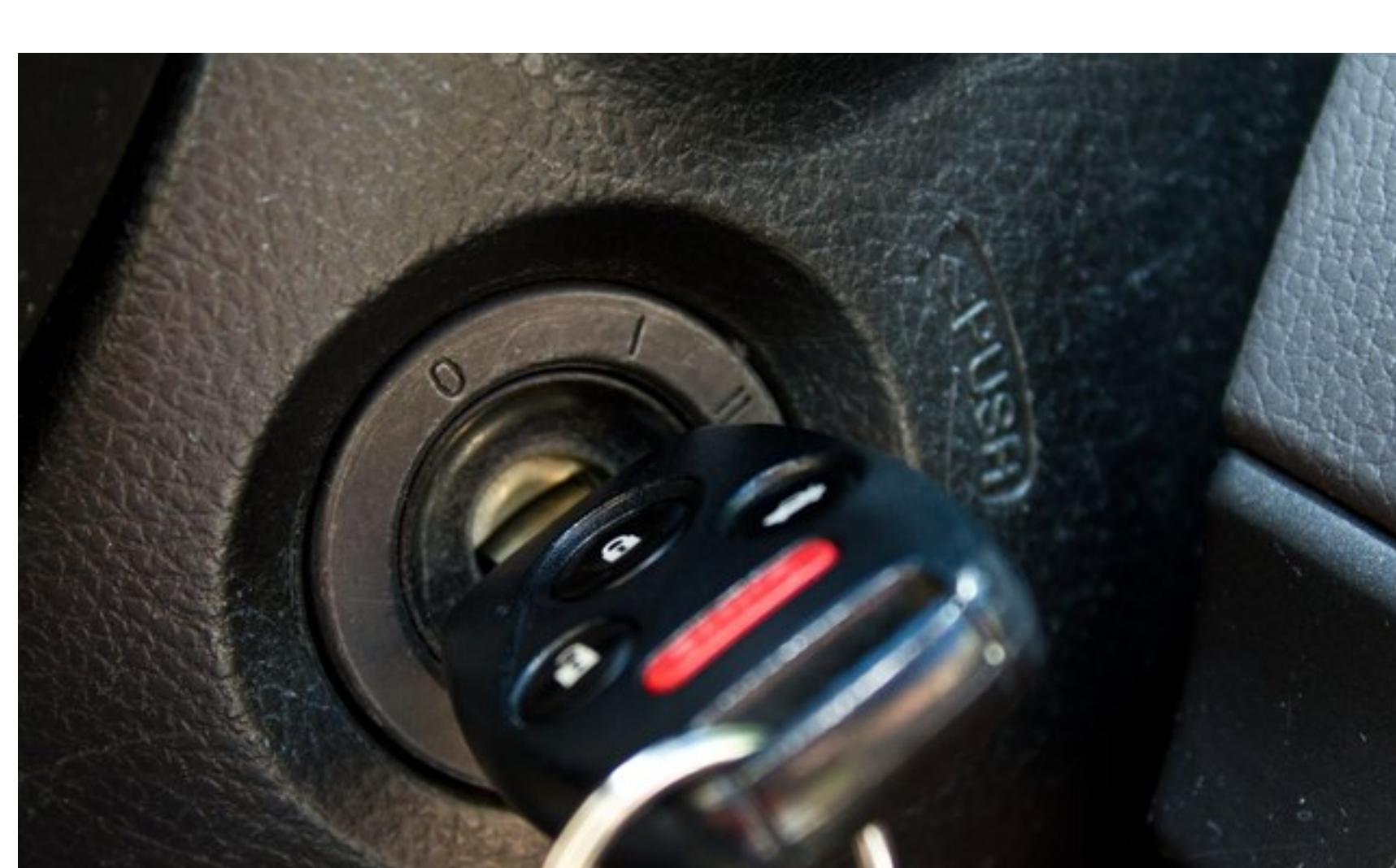
Electronic keys were first introduced in the 1990s as an extra means of convenience and security for vehicles. Also known as chip keys and transponder keys, these must be programmed to an individual vehicle before they can be used to start the car's ignition. Only the transponder key will activate your car, and the key can only be programmed from the car itself. You can program a key in about 30 minutes.

### Step 1



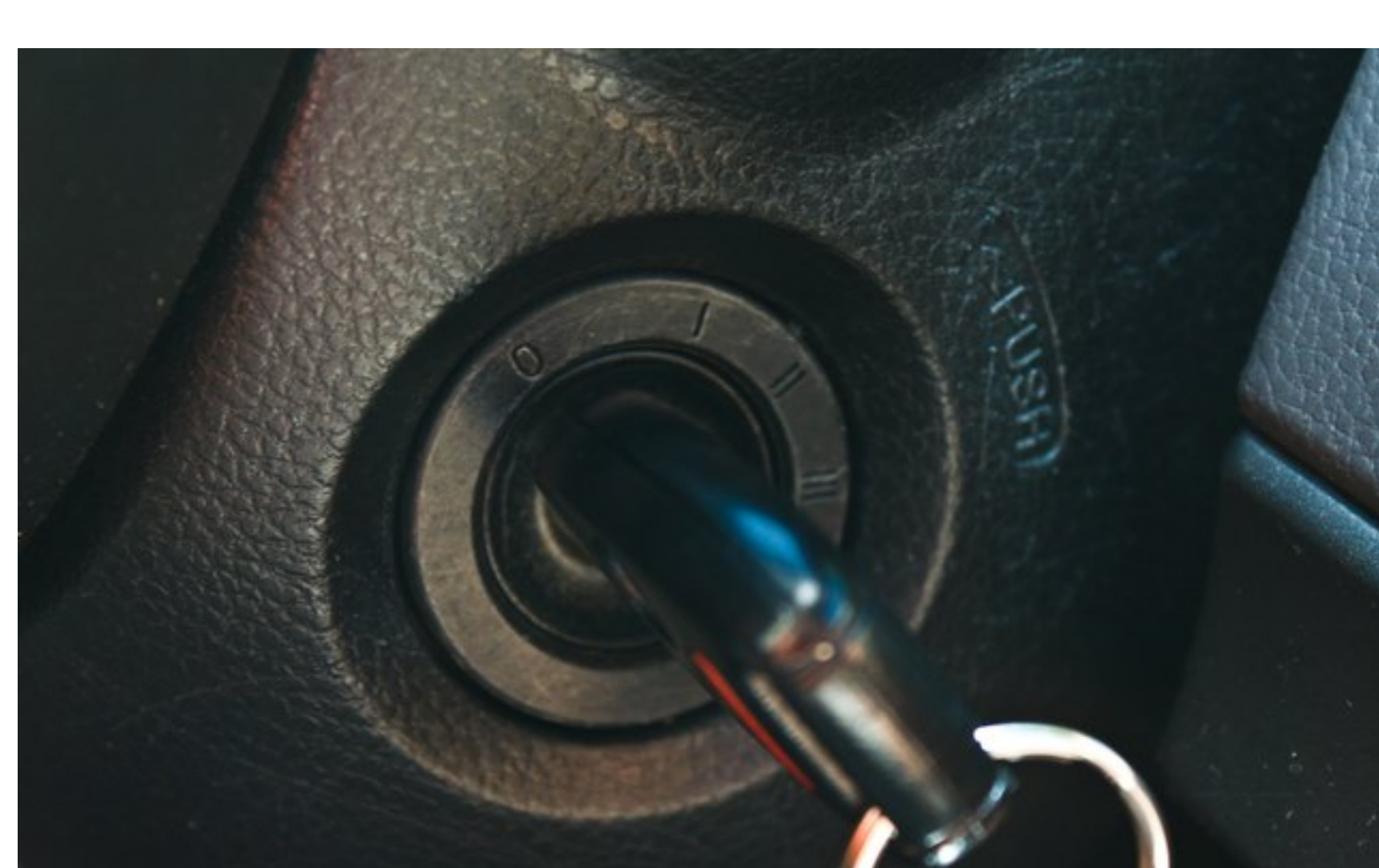
Enter your vehicle with the key you want to program and insert the key into the ignition.

### Step 2



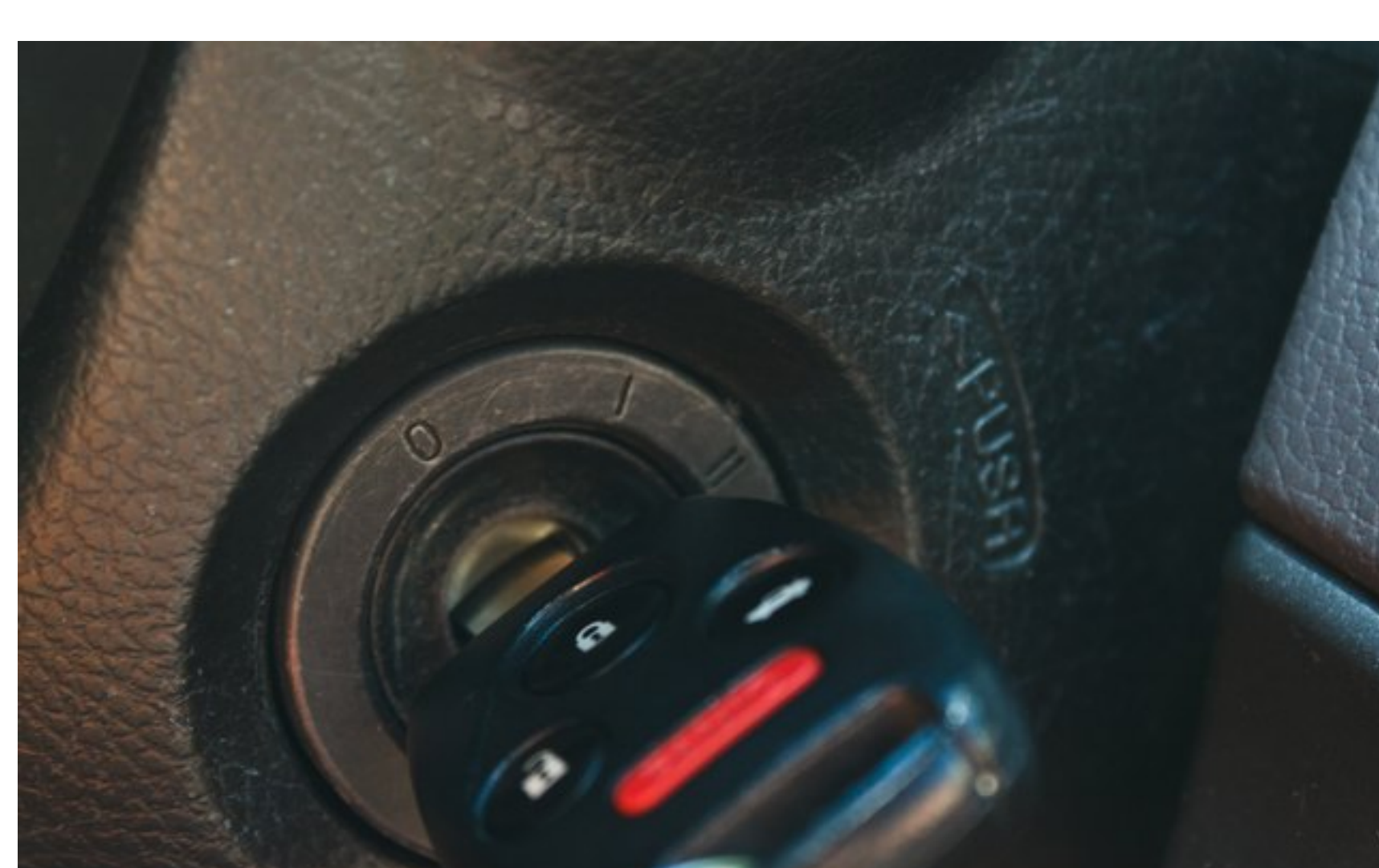
Turn the key to the "On" position and leave it there for 10 minutes and 30 seconds.

### Step 3



Turn the key to the "Off" position within 45 seconds of finishing step 2, and then turn it back to the "On" position for another 10 minutes and 30 seconds.

### Step 4



Turn the key "Off" again within 45 seconds, and then "On" again for another 10 minutes and 30 seconds.



Turn the key "Off" and then back "On." The programming should be completed and the key ready to use.

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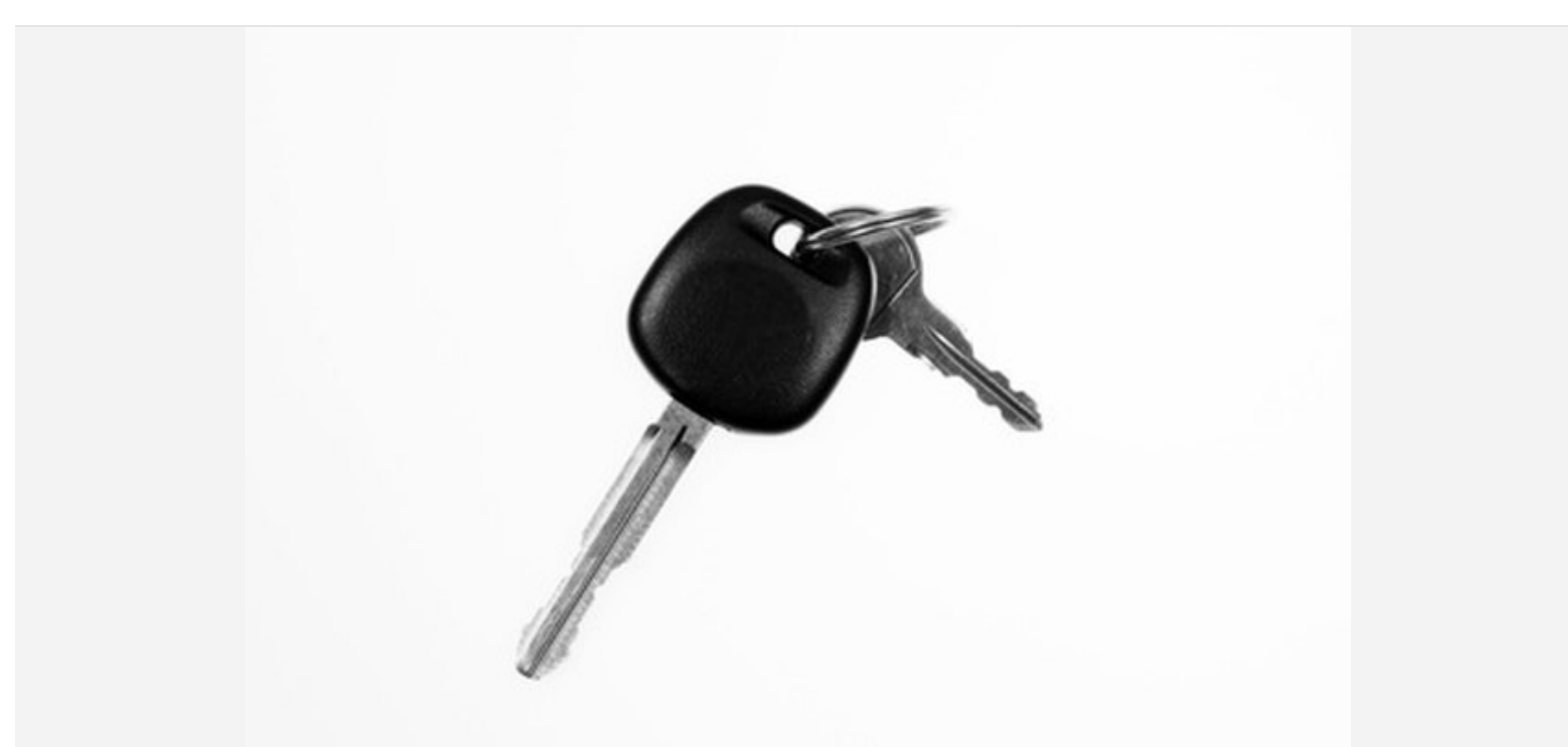
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## How to Program a Chip Key

BY MATTHEW FORTUNA



Microchipped Car Key image by Christopher Meder from Fotolia.com

The transponder key is an aftermarket option that can be programmed for a number of vehicles. Also known as a chip key or ignition key, this key offers a level of convenience and security for your car. If your car is equipped with a chip key system, only a programmed key can turn on the ignition in your vehicle. Programming or reprogramming of your chip keys can be done in just minutes from your vehicle using just the key itself.

### Step 1

Insert your chip key into the ignition of your vehicle and turn the key to the "On" position.

### Step 2

Leave the key in the "On" position for 10 minutes and 30 seconds, then turn it back to the "Off" position.

### Step 3

Repeat Steps 1 and 2 two more times, leaving the key in the "On" position for 10 minutes and 30 seconds a total of three times. Turn the key to the "Off" position after the third time.

Turn the key back to the "On" position to complete the programming sequence. You can now use the newly programmed key to start your car.

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