

**VEHICLE INFORMATION / TEST SPECIFICATIONS**  
**FMVSS No. 114**

1. Describe the type of key used to start vehicle (physical device, electronic code, etc.).
2. State whether the vehicle uses a physical device and/or an electronic code to act as the key under the definition provided in the definitions section of the standard (see 49 CFR 571.114 S4).
3. If the vehicle uses a physical key, describe how the key is inserted into the vehicle starting system.
4. If the vehicle uses an electronic code as the key—
  - a. Name and describe the electronic code that enables the vehicle operator to activate the engine or motor.
  - b. Explain each process/mechanism available for inserting the code into the starting system in detail.
  - c. State whether the electronic code may be reused, or if a unique key is generated each time the starting system, engine, or motor is activated.
5. Describe how the key is removed from the vehicle starting system. For vehicles equipped with an advanced key system that uses an electronic key code, what is the procedure to remove the electronic key code from the vehicle starting system?
6. With the key removed from the starting system, identify whether the vehicle is equipped with technology to prevent either steering, forward self-mobility, or both. Describe the operation of each.
7. Describe each vehicle transmission/gear selection control (i.e., does it have a “park” position, what other gear selection control positions are present?). For a transmission that can be shifted manually, describe the location and operation of the shift control(s).
8. For gear selection mechanisms that include a “park” position, describe how the vehicle is kept stationary in the park position (e.g., engages pawl, applies parking brake) and any circumstances where the vehicle may automatically engage the park position or parking brake.
9. Excluding capabilities described in item 8 (above), identify each vehicle capability that may change gear selection control position
  - a. without direct driver input or
  - b. remotely (i.e., via a control not physically attached to the vehicle); and
  - c. Describe each identified capability (e.g., remote parking assistance) in detail.

10. Describe how the vehicle starting system is activated, including which transmission control position(s) will allow the starting system to activate.
11. Describe how the engine or motor is stopped. In addition, for vehicles equipped with a “park” position, describe the vehicle’s design that enables drivers to deactivate the engine or motor without activating the devices described in item 6 (above) that prevent either steering or forward self-mobility.
12. Describe how the vehicle starting system is locked.
13. Describe the vehicle starting system positions (off, accessory, start, on, etc.).
14. Identify each transmission and drive configuration available on this model vehicle (automatic, manual, number of forward gears, continuously variable, 4x2, 4x4, AWD, valet mode, etc.).
15. State if the vehicle is equipped with an immobilizer that would prevent the normal activation of the vehicle’s engine or motor and either steering or forward self-mobility if activated. Describe how the immobilizer works (if equipped).
16. State if the vehicle is equipped with a key removal override device that would allow the user to remove the key from the starting system without the transmission or gear selection control in the “park” position. Describe the device and the mode of activation (if equipped).
17. State if the vehicle is equipped with a gear selection control override device that would allow the user to move the gear selection control from “park” after the key has been removed from the starting system. Describe the device and the mode of activation (if equipped).
18. State whether the vehicle is equipped with a brake transmission shift interlock (BTSI), and if so, describe its design (e.g., via signal from stop lamp switch).
19. State whether the BTSI system will operate in the case of a low or dead vehicle battery. If yes, describe how the system will prevent the gear selection mechanism from being moved from the “park” position without depressing the brake pedal.
20. If a manual transmission is available on this model, state whether the starting system can be activated with the transmission control in a forward or reverse gear; if not, describe the means to prevent this.