



# TEM2153

## Vehicle Ignition Key/Transponder Antenna Tester

### TEM2153

**An independent device that will light an LED to show any interaction between the ignition key and the ignition switch transponder antenna.**

A simple, quick and cost effective method to eliminate a failure-to-start situation which can occur if:

- An incorrect key is used.
- The transponder antenna/system is defective.
- The ignition key is faulty or requires recoding.

With any of the above faults an engine may well crank over but still fail to start. By using the TEM2153 a vehicle technician can quickly move on to investigate other possible causes of failure such as fuel, no spark, injectors, etc.

As transponder systems operate using a wireless signal the TEM2153 can be used on both 12V and 24V vehicles.

#### Instructions:

1. Place the TEM2153 over the ignition switch.
2. Introduce the ignition key through the hole and into the switch.
3. In most applications when the key is turned to the ignition on position, the TEM2153 LED will flash once to signal that communication between the key and transponder antenna is correct.
4. On some vehicles, when the key is in close proximity to the ignition switch, the LED may flash before the key is even turned. This is also an indication of good communication.

#### Please Note:

The tester should be within 5mm of the transponder antenna when testing. In some extreme cases, you may be required to remove the thick plastic cowling from around the ignition switch.

#### Video Demonstration

To see a quick demonstration video of the TEM2153 in action, please visit:

<https://www.youtube.com/watch?v=RY8N02TKATI>



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