



# BARTEC TOOL FEATURE SPOTLIGHT



**FEATURE:** Passive Entry / Wireless Ignition Testing

**BENEFIT:** Test the TWO WAY communication between car and FOB

**FIRST AVAILABLE:** Fall of 2013

**WHAT TOOLS:** Tech500

**WHAT'S NEEDED:** Updated tool for latest coverage



Passive Entry or Wireless Ignition are two forms of keyless systems being used today. Typically the car sends an LF signal to the key FOB. The key FOB responds with a UHF transmission, establishing a "pairing" to the vehicle. Because Bartec understands LF and UHF better than most, we were able to build into the Tech500 the ability to test these systems. Something no one else has done!

The Tech 500 can test/receive an LF signal from the vehicle, testing the system requires a Tech 500 and selecting the Passive Key option from the Home Menu Toolkit. Bartec has published Technical Bulletins for the vehicles with these systems for better understanding of the hardware and LF antenna location.



The screen will indicate the signal from the Vehicle and Key Fob, and will show the max output level seen. Use the tool to verify that the Key Fob is working and the Vehicle is sending a signal. Where to place the tool on the vehicle will vary slightly, but start around the Drive Side Door handle and just below for outside, and over the center console when testing the Push Button Start.

**BEST PRACTICE - Just like in Test Before You Touch, if the vehicle is equipped with this feature it should ALWAYS be inspected to insure the highest level of customer satisfaction.**