



## Important Notes

- Turn on both Bluetooth transmitter & digital indicator before pairing.
- Turn off both Bluetooth transmitter & digital indicator after each use. They will **NOT** turn off automatically.
- Do **NOT** open the device. Opening causes permanent damage and voids the warranty.
- Wireless Crankshaft Gage operates on two separate batteries:
  - 1 ) Rechargeable built-in Li-Po battery for the Bluetooth transmitter.
  - 2 ) Coin SR44 or LR44 battery for the digital dial.
- Use the punch included in this kit or other 60° punches to create blunt points on crankshaft webs.
- Adjust the adjustable probe to keep the gage travel around middle of its measurement range.



## Included in the Box



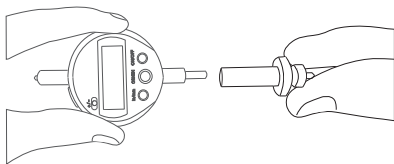
Product Page

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|---|--|
| ① Wireless Crankshaft Gage                | ⑥ USB Charging Cable                                     |
| ② Adjustable Probe                        | ⑦ USB Power Adapter                                      |
| ③ Extension Rod Set (1/2" to 6" one each) | ⑧ BLE USB Dongle   |
| ④ 60° Punch                               | ⑨ Crankshaft Deflection Test iPad App & Windows software |
| ⑤ Protective Carrying Case                |  |

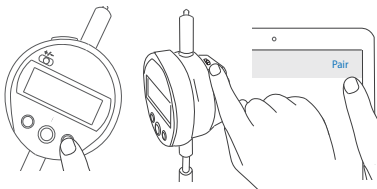
## Quick Start

-  To download our iPad app, search 'Crankshaft Deflection Test' on the App Store
-  For Windows, download our free crankshaft deflection software at the following link <http://motionics.com/product/crankshaft-deflection-windows/>

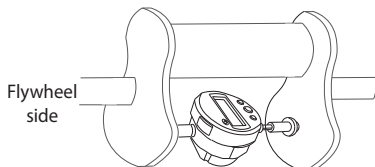
1. Connect the wireless gauge and adjustable probe. Add extension rods based on the crankshaft web gap.



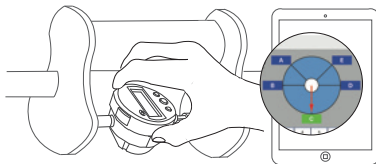
2. Turn on both the digital indicator and the Bluetooth transmitter on the gauge. Pair the gauge in the iPad app.



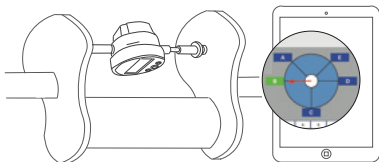
3. Create 60° blunt points on the crankshaft webs using the punch in the kit. Install the wireless gauge between two blunt points.



4. Rotate the crankshaft pin to the top vertical position. Adjust the orientation of the wireless gauge until the C button turns green in the iPad app.



5. Rotate the crankshaft pin to near the bottom position. Once the A button turns green, tap on it and start data collection.



6. Rotate the crankshaft in a counter-clockwise direction, then tap buttons B to E one by one when they turn green to finish the test for one web.

