

EFI Injector Tester is a battery-operated tester designed to quickly determine if a fuel injector is firing by detecting a mechanical vibration from the fuel injector's pintle movement.

## Using the Tester

1. Thread the extension probe into the tester.
2. Turn the tester on/off by rotating the sensitivity adjustment dial. A clicking may be heard and felt from the dial. To indicate the tester is on, the red LED flashes and the tester emits a beeping sound for about two seconds.
3. Adjust the probe for the test vehicle:
  - Turn the adjustment dial to zero for minimum sensitivity.
  - Firmly touch the tester probe tip to a fuel injector body and slowly increase the probe's sensitivity by turning the dial. When the LED begins to flash and the tester beeps simultaneously, stop adjusting the sensitivity dial.
  - At the current probe setting, continue to another injector. If the LED does not begin to flash when the probe tip is applied, move to another injector. Repeat 2–3 times.
  - Adjust the dial and repeat the above steps until a consistent response is achieved over several injectors.
4. Test all injectors and compare results.

## Test Results

Consistent, steady flashing and beeping from the EFI Injector Tester indicates a good injector.

No response or an inconsistent response indicates the injector is either firing intermittently or not firing at all. This may be caused by one of the following conditions:

- The injector is mechanically stuck.
- An electrical open or short in the injector.
- A missing injector pulse signal from the vehicle's control module or damaged wire harness.

*Note: It is important to test all the injectors and compare the results. An inconsistent response from the majority of the injectors may indicate an abnormal condition and additional testing is recommended to verify results.*

Refer to the vehicle's shop manual for instructions on troubleshooting and repairing/replacing the defective fuel injector(s).

## Replacing the Battery

The EFI Injector Tester uses a 3-volt CR2032 lithium battery.

1. Remove the two screws from the handle.
2. Carefully separate the handle and remove the old battery.
3. Place the new battery in the handle, positive (+) facing up.
4. Reassemble and tighten the screws.

## Contact Us

Whether you have a question about tool functionality, service or parts from Hickok Waekon, you may contact us by telephone during standard business hours 8-5pm EST or visit us online.

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## Warranty

Subject to the conditions that follow and are noted below, this product is warranted to be free from defects in material and workmanship, under proper use and in accordance with the manufacturer's written recommendation and specifications, for a period designated below on all products:

- This product carries a limited lifetime warranty.

The manufacturer's obligation under this warranty is limited to unaltered products returned to the manufacturer by the initial end user of the new products. Therefore, this warranty does not cover any products resold by the end user to third parties, nor any reconditioned products sold as such, by the manufacturer. The sole remedy for any such defect shall be the repair, or replacement, of the product at the sole discretion of the manufacturer. This warranty does not cover expendable parts, such as batteries, nor does it cover shipping or handling. In addition, manufacturer is not liable for any loss or damage to product during shipping.

In the event it is determined that the product has been tampered with, or altered in any way, this warranty is void and all claims against the product will not be honored. All warranty claims must be submitted as outlined by the manufacturer and shall be processed in accordance with the manufacturer's established warranty claim procedures. These procedures include provisions that proof of purchase must be established (by either warranty card from the seller or by point of purchase receipt) and that the manufacturer will make every attempt to return ship the product within one business day from receipt of the returned product, freight prepaid.

In addition, all maintenance procedures, as outlined by the product manuals, should be followed for the warranty to be kept in force. Should the product not be used in accordance with procedures as specified, or if the product otherwise fails outside of the warranty, the manufacturer reserves the right to make such judgment and the party returning the product will be notified that written notification will be necessary to repair the product at a cost which the manufacturer deems as reasonable. The product will then be shipped back to the customer, COD; or as the manufacturer deems appropriate.

This is the only authorized manufacturer's warranty and is in lieu of all other expressed, or implied, warranties or representations, including but not limited to any implied warranties of merchantability or fitness or any other obligations on the part of the manufacturer. In no event will the manufacturer be liable for business interruptions, loss of profit, personal injury, costs of delays, or any special, indirect, incidental or consequential damages, costs or losses.



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