



# Preliminary Information

## PIP5684C GE-52250 Power Smoke Diagnostic Leak Detector Turbocharger Charge Air And Induction System Tester MIL Reduced Engine Power

Models

| Brand: | Model: | Model Years: | VIN: |     | Engine:  | Transmissions: |
|--------|--------|--------------|------|-----|--|----------------|
|        |        |              | from | to  |  |                |
| All    | All    | 2010 - 2021  | All  | All | All Engine Applications That Have A Turbocharger | All            |

|                                   |   |
|-----------------------------------|---|
| <b>Involved Region or Country</b> | <b>North America</b>  |
| <b>Condition</b>                  | A vehicle may come in for service due to the MIL being illuminated. The customer may also comment, intermittently the engine has reduced power. The technician may find any combination of history or current diagnostic trouble codes P0046, P0068, P007B, P00C7, P00E9, P0101, P0106, P0121, P012B, P0133, P0153, P015B, P0171, P0172, P0174, P0175, P0236, P0234, P0299, P026A, P0401, P0402, P0420, P0421, P0422, P0430, P04DB, P0506, P0507, P10D5, P1101, P2002, P200A, P20EE, P2227, P2263, P2457, P2459, P2463, P249D, P249E, P2598, P2599. |
| <b>Cause</b>                      | The cause of this concern may be due to a leak in the charge air cooler / induction systems.  |

**Correction:**

The technician should follow SI diagnostics. If no cause for the concern is found or during diagnosis a leak check is required, power smoke diagnostic leak detector GE-52250 can be very helpful in locating leaks.

**NOTE: Do not use GE-52250 to diagnose EVAP system leaks due to the high pressure output this tool produces.**

GE-52250 has just been approved as an essential tool and will ship out to U.S. and Canada dealers some time in the 3rd quarter of 2020.

This tool is currently available to U.S. dealers through the U.S. GM Tool Loaner Program.

The Canada dealer Tool Loaner Program does not have this tool available.

Bulletin [16-NA-158](#) outlines the U.S. dealer special tool loan program.

GE-52250 is shown below.

Note: The adapters may vary as the tool evolves.



### Warranty Information

**Use Other Labor Hours (OLH) For The Time Required To Perform The System Air Leak Testing.**

### Version History

|          |   |
|----------|---|
| Version  | 4   |
| Modified | 10/22/2019 - Created on.<br>05/05/2020 - Added note not to use tool for EVAP diagnosis<br>07/13/2020 - Updated tool picture and tool availability<br>10/21/2020 - Added more DTC's and 2021 model years |



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