

**ATTENTION:**

- GENERAL MANAGER
- PARTS MANAGER
- CLAIMS PERSONNEL
- SERVICE MANAGER

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.


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QUALITY DRIVEN® SERVICE

## SERVICE BULLETIN

**APPLICABILITY:** 2020-24MY Legacy & Outback  
 2024MY Impreza & Crosstrek  
 2022-23MY WRX  
 2023-24MY Ascent

**NUMBER:** 15-323-25R

**DATE:** 03/17/25

**REVISED:** 03/27/25

**SUBJECT:** CID Displays Incorrect Fuel Economy Value

**INTRODUCTION:**

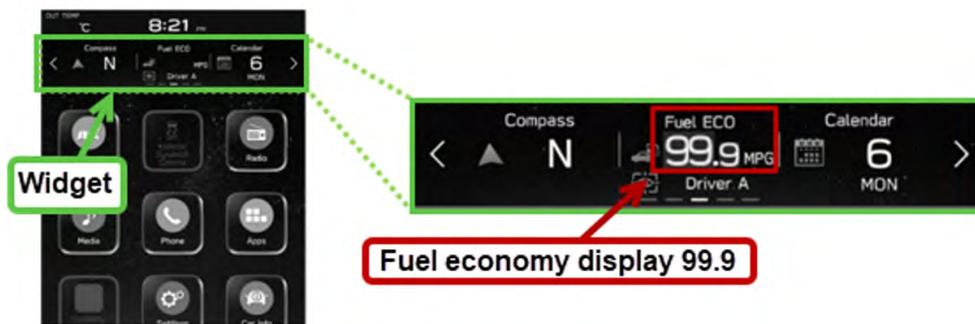
This bulletin announces availability of new combination meter reprogramming files developed to address cases of inaccurate fuel economy displayed on the Center Information Display (CID). A customer may experience a fuel economy value of 99.9mpg or 99.9kml displayed on the CID when the driver is registered with the Driver Monitoring System (DMS). The conditions listed below **MUST** be fulfilled for this scenario to occur:

- The vehicle must be equipped with DMS.
- The driver’s information must be registered with the DMS.
- The fuel economy value is a customized widget for the CID.
- The cumulative fuel amount consumed by the driver exceeds 1135 gallons (4295 liters).

The new files contain enhanced combination meter logic to prevent this condition but if it is experienced, reprogram the combination meter using the service procedures outlined in this bulletin.

**This new logic has been incorporated into the replacement combination meters for certain models. Refer to the information outlined in this bulletin for the specified applicable service procedure.**

**DESCRIPTION OF FAILURE:**



**NOTE:** When the Fuel ECO Widget is displayed, 99.9 will always be the value.

<p><b>CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.</b></p> <p>Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.</p>	<p><b>Subaru of America, Inc. is ISO 14001 Compliant</b></p> <p>ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.</p>
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**PFC FILE INFORMATION:**

Model	File Description	Old Part Number	Old CID ROM ID	New CID ROM ID
Legacy & Outback	MET_GZ1SIA_GZ1RCB0001.pfc	85002AN30A	8000000205	8000000401
		85002AN31A		
		85002AN32A		
		85002AN33A		
		85002AN34A		
		85002AN35A		
Impreza & Crosstrek	MET_CH2_CH2RCB0001.pfc	85132FN100	7000000301	7000000401
		85132FN110		
		85132FN130		
		85132FN200		
		85132FN210		
		85132FN220		
		85132FN230		
		85132FN240		
		85132FN00A		
		85132FN01A		
		85132FN02A		
		85132FN10A		
		WRX		
85002VC710				
85002VC720				
85002VC730				
WRX	MET_RG5_RG5R CB0001.pfc	85002VC600	2000001301	6210000401
		85002VC610		
		85002VC620		
		85002VC630		
		85002VC301		
		85002VC321		
		85002VC551		
Ascent	MET_TM3_TM3RCB0001.pfc	85002XC30A	A000000206	A000000401
		85002XC31A		
		85002XC32A		
		85002XC33A		
		85002AN330		

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## SERVICE PROCEDURE / INFORMATION:

### Procedure for: 2020-22MY Legacy & Outback

Replace the combination meter using the newest part applicable part available. The service procedures for Combination Meter System replacement remain unchanged. Always refer to the applicable Service Manual and review the full requirements of the repair being performed. The Service Manual procedures contain information critical to performing an effective repair the first time, every time. This includes but is not limited to important SAFETY precautions, proper inspection criteria, necessary special tools, required processes and related one-time-use parts needed for a complete and lasting repair.

Refer to STIS: Body & Electrical/WIRING SYSTEM > INSTRUMENTATION/DRIVER INFO > Combination Meter

NOTE: Always order the most up-to-date replacement parts based on the specific VIN being repaired

### Procedure for: 2023-24MY Legacy & Outback

2024MY Impreza & Crosstrek

2022-23MY WRX

2023-24MY Ascent

**REMINDER:** Customer satisfaction and retention starts with performing quality repairs.

- Reprogram the Combination Meter following the normal SSM5-R procedure.
- Detailed information regarding the SSM5-R reprogramming procedures can be found in TSB **14-28-21R**.

Subaru of America, Inc. (SOA) highly recommends utilizing either the Subaru Midtronics DCA-8000 Dynamic Diagnostic Charging System or the Subaru Midtronics GR8-1100 Diagnostic Battery Charger to the vehicle and utilizing the Power Supply Mode feature anytime a vehicle control module is being reprogrammed. Once the Midtronics charger is connected to the vehicle, if the battery is fully charged, it takes less than three (3) minutes to boot-up the charger, select the Power Supply Mode, and have the battery voltage stabilized and ready for reprogramming.

### NOTES:

- For instructions on using the Power Supply Mode, reference the applicable User Manual for the Midtronics DCA-8000 Dynamic Diagnostic Charging System and the Midtronics GR8-1100 Diagnostic Battery Charger on STIS
- Confirm all electrical loads such as lights, audio, HVAC, seat heaters, and rear defroster are all switched OFF before setting up the charger for Power Supply Mode.
- Select the correct battery type (Enhanced Flooded, Flooded, Gel, AGM or AGM Spiral).
- Input the CCA which matches the vehicle's battery. **NOTE:** OE and replacement batteries have different CCA ratings. Always confirm the battery's CCA rating before proceeding.
- If using a DCA-8000 Dynamic Diagnostic Charging System, set the power supply voltage to 13.5 Volts.
- DO NOT connect the DST-i or DST-010 until the Power Supply mode function has completed its battery test mode and the Charging Voltage has dropped to and shows a steady 13.5 Volts on the display.

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- Once Power Supply Mode reaches a steady 13.5 Volts, connect the DST-i or DST-010 to the OBD connector and proceed with initiating the normal SSM5-R reprogramming process.
- Amperage will fluctuate based upon the vehicle's demand for power. **NOTE:** If the voltage rises beyond 14 Volts while programming is in process, the procedure will abort. This can indicate a need to test or charge the vehicle battery before any further attempt at programming is made.
- ALWAYS set the power supply voltage to 13.5 Volts when using Power Supply Mode. NEVER turn the ignition switch on when charging at voltages 15 Volts or higher.

**REMINDER:** If the DCA-8000 or GR8-1100 indicates the vehicle's battery must be charged, charge the battery fully before proceeding to reprogram the vehicle while using the Power Supply Mode.

**NOTE:** Control module failures resulting from battery discharge during reprogramming are not a matter for warranty. Should any DTCs reset after the reprogramming update is performed, diagnose per the procedure outlined in the applicable Service Manual.

## WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited Warranty period or covered by an active Subaru Added Security Classic and Gold plan, this repair may be submitted using the following claim information:

**Procedure for: 2023-24MY Legacy & Outback  
2024MY Impreza & Crosstrek  
2022-23MY WRX  
2023-24MY Ascen**

Labor Description	Labor Operation #	Labor Time	Fail Code
COMBINATION METER CONTROL MODULE REPROGRAMMING	A849-086	0.4	TEV-48

**IMPORTANT:** Always note the original Calibration Identification number (CID) / ROMID the vehicle came in with on the repair order **before** reprogramming and, make sure to list the **NEW** CID / ROMID for any newly installed programming (as confirmed from the actual control module **AFTER** installation). The **NEW** CID / ROMID **MUST** also be noted on the repair order as this information is required for entry in the Miscellaneous Detail field during claim submission. These numbers can be read using SSM5-R.

**NOTE:** The pfc file listings provided in this bulletin are the latest available at the time of publishing. Updates are often released thereafter without revision to the original bulletin. For this reason, it is critical to always have the latest version of Select Monitor software installed on your system. You can confirm if a later version is available by entering the CID listed in this bulletin into SSM5-R. If a newer CID is shown as available in SSM5-R, reprogram using that file.

**Procedure for: 2020-22MY Legacy & Outback.**

Labor Description	Labor Operation #	Labor Time	Fail Code
COMBINATION METER REPLACEMENT & READ WRITE MILEAGE	A849-186	0.6	TLK-42

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**IMPORTANT REMINDERS:**

- SOA strongly discourages the printing and/or local storage of service information as previously released information and electronic publications may be updated at any time.
- Always check for any open recalls or campaigns anytime a vehicle is in for servicing.
- Always refer to STIS for the latest service information before performing any repairs.