

# Preliminary Information

PIP5505 PQC Part Restriction- E88 ECM Part Number 12680194

Models

| Brand:                      | Model: | Model Years:  | VIN: |     | Engine: | Transmissions: |
|-----------------------------|--------|---|------|-----|---------|----------------|
|                             |        |   | from | to  |         |                |
| Chevrolet                   | Malibu | 2018  | All  | All | 1.5 LFV | All            |
| Involved Region or Country: |        | North America   |      |     |         |                |
| Additional RPO/s:           |        | LFV   |      |     |         |                |
| Condition:                  |        | As part of our ongoing quality improvement process, the E88 ECM part number 12680194 is being placed on restriction through the Powertrain Quality Center (PQC) |      |     |         |                |
| Cause:                      |        | Engineering reviewing ECM with help from PQC for ongoing quality improvements.  |      |     |         |                |

Correction:

Please be prepared to provide answers to the following questions prior to contacting Powertrain Quality Center (PQC)

Caller Name/Position:

Technician's Name / Direct Phone:

Times In/Days Down:

Customer Owned (Y/N):

1. Q1 Is the Restricted part being requested for:
- Customer Pay

A Model Year Not Listed

A Vehicle Line Not Listed

Q2. What is Customer's Concern?

Customer's concern duplicated? (Y/N)

If SES light:

- What is the DTC?

If yes, under what conditions?

Note: If the ECM has set a P0606 or a P16F3, Please refer to the appropriate service diagnostic flow chart (trouble tree).

Note: If P0700 is present in the ECM, it should NOT be necessary to replace the ECM. The P0700 DTC is caused by a concern from the TCM and should be accompanied by another DTC. Please refer to the appropriate trouble tree for the DTC that accompanied TCM P0700.

Q3. List any history and current (active) DTCs by control module

- What Module?

What is the DTC?

Q4. Are any of the DTCs repeatable? (Y/N)

es, List the repeatable DTCs.

Q5. Is outside ambient and/or engine coolant temperature related to the condition? (Y/N)

- If no, continue to the next question.

If yes, under what conditions?

Q6. What SI document numbers were used for diagnosis?

List the step of the Circuit/System Testing that led to replacement.

Q7. Were there any previous repairs related to this concern? (Y/N)

Q8. Is the vehicle modified with any non-production accessories?(Y/N)

Q9. Does the vehicle have a recent history of low battery voltage or been jump-started? (Y/N)

Q10. Has the battery been charged recently? (Y/N)

Q11. Were the wires / harnesses checked for proper routing, and are free from damage, stretch, pinch, etc.? (Y/N)

Q12. Have all of the ECM grounds been checked? (Y/N)

List any loose grounds/connections encountered, and reference the specific power and ground schematic.

Q13. Have the connector terminals been checked for “backed out” or “damage” at the ECM and sensor based on the DTC. (Y/N)

Q14. Has the ECM been reprogrammed? (Y/N)

If yes, was programming interrupted at any point? (Y/N)

(If programming was interrupted, advise the dealer to call the Techline Customer Support Center, 1-800-828-6860 (direct) or (888) 337-1010 (prompt 3) and document in case)

Parts Information

| Description:          | Part Number: | Quantity |
|-----------------------|--------------|----------|
| Engine Control Module | 12680194     | 1        |

Warranty Information

| Labor Operation: | Description:                      | Labor Time: |
|------------------|-----------------------------------|-------------|
| 4025390          | Engine Control Module Replacement | 0.5         |

Version History

|          |   |
|----------|---|
| Version  | 1 |
| Modified |   |



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