



Service Bulletin

PRELIMINARY INFORMATION

Subject: Water Intrusion - Forward Lamp Harness - Engine Cooling Fan Inoperative - DTC P0480 and/or P0691

Models: 2016 Chevrolet Camaro
Equipped with 3.6L engine (RPO LGX) and without RPO Y4Q

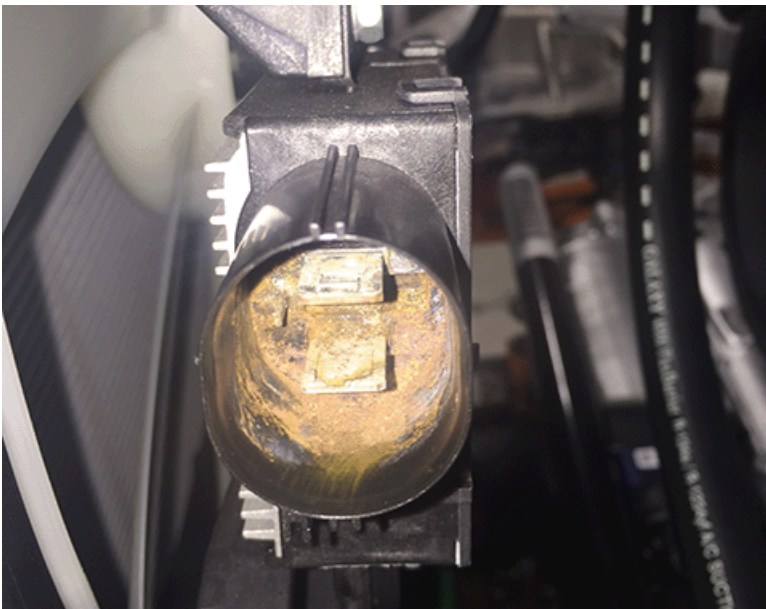
This PI was superseded to update the repair instructions, parts and warranty information. Please discard PIC6160B.

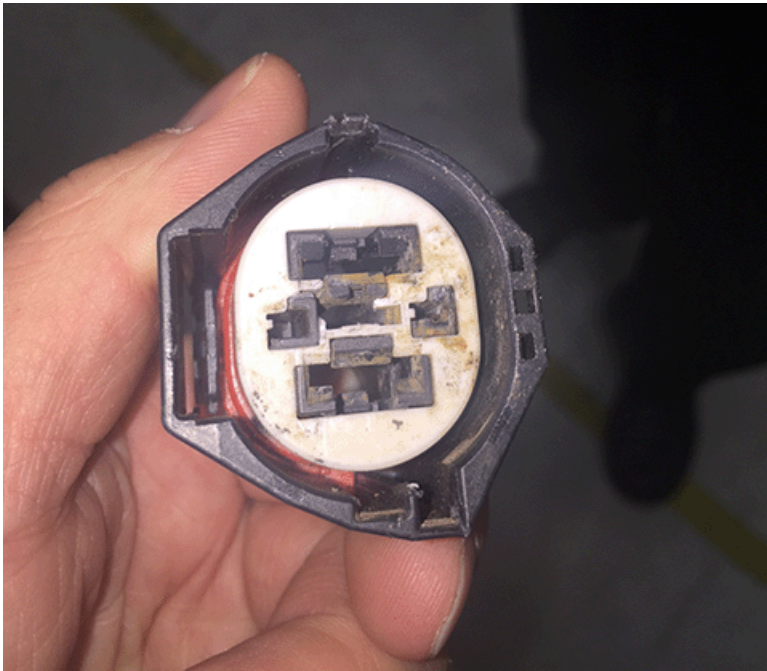
Condition/Concern

Some customers may comment that the engine cooling fan intermittently stops working. As this condition worsens, it may be found that the Check Engine Lamp (CEL) has turned on, the engine cooling fan stops operating all together and/or DTC P0480 / P0691 may be set. If the customer would continue driving with an inoperative cooling fan, the engine can overheat causing severe engine component damage.

Recommendation/Instructions

This concern may be caused by water intrusion into the forward lamp harness. If the wiring harness is stretched, or side loaded, where the cooling fan module connector plugs in, this may allow water to wick down the harness, past the weather pack seals, and into the connector itself. As time goes on, this water may corrode the terminals inside the connector and/or the harness itself as seen in the two photos below.





As the corrosion builds, this may cause the engine cooling fan to become inoperative altogether. If this concern is encountered, dealership technicians are to first inspect the forward lamp wiring harness to cooling fan module connector for the presence of moisture and/or corrosion. If water and/or corrosion is found, the fan control module and the forward lamp harness will both need to be replaced. If no water and/or corrosion is found after inspecting this connection, refer to Service Information (SI) and continue with regular diagnosis

Parts Information

| Part Number | Quantity Per Vehicle | Part Description |
|-------------|----------------------|--|
| 23398681 | 1 | Harness - Forward Lamp (HID Headlamps) |
| 23398680 | 1 | Harness - Forward Lamp (Halogen Headlamps) |
| 23188752 | 1 | Module Assembly - Fan Control |

Warranty Information

For vehicles repaired under warranty use:

| Labor Operation | Description | Labor Time |
|---|---|------------|
| 5480258 * | Replace Forward Lamp Harness and Cooling Fan Control Module | 3.0 hr |
| * This is a unique labor operation for bulletin use only. | | |

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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