Preliminary Information

PIP5329C DTC P0341 And/Or P0366

Models

| Brand: | Model: | Model Years: | VIN: | | Engine: | Transmissions: |
			from	to		
Chevrolet	Aveo	2009 - 2011	All	All	1.6L LXV	All
Chevrolet	Cruze	2011 - 2015	All	All	1.8L LUW or LWE	All
Chevrolet	Cruze Limited	2016 - 2016	All	All	1.8L LUW or LWE	All
Chevrolet	Sonic	2012 - 2017	All	All	1.8L LUW or LWE	All
Pontiac	G3	2009 - 2010	All	All	1.6L LXV	All
Pontiac	Wave	2009 - 2010	All	All	1.6L LXV	All

Supersession Statement

This PI was superseded to update Service Procedure. Please discard PIP5329B.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

Some technicians may find a Service Engine Soon light on with DTC P0341 and/or P0366 set.
The technician may have performed SI diagnostics including CMP sensor and or Camshaft replacements without resolving the condition.
The Tech2 or GDS2 will show lower camshaft counts on the CMP sensor that is setting the DTC compared to the CMP sensor that is not.

Recommendations / Instructions

If this concern is experienced, advise the tech to replace the related CMP sensor and retest for the code.
If the code or codes reset, check the vehicle service history and question the customer to determine if the vehicle has been recently involved in a front end collision.
If so, improper welding procedures may have magnetized metal components in the cylinder head causing this concern.

If this condition is found, replace the complete cylinder head assembly, including cylinder head bolts, camshafts, camshaft actuators, valve train components,

lift hook bracket and bolt, with the most current parts available in the Electronic Parts Catalog.
If not, then continue with SBD.

Repairs required due to improper service procedures are not considered warrantable. Review any costs related to this repair with your service manager.

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.