



GM Powertrain

*General Motors
GM Powertrain
Engine Engineering Bldg C
895 Joslyn Ave
Pontiac, MI 48340*

May, 14, 2015

Mr. Gary Pollak
SAE
400 Commonwealth Drive
Warrendale, PA 15096

Gary,

For the 2016 Model Year, General Motors will introduce the Chevrolet Camaro with the Regular Production Option (RPO) LT1 engine. This is the same RPO LT1 engine previously SAE certified via witness testing for the 14 MY Chevrolet Corvette. The induction restriction and backpressure levels in the Camaro vary slightly from those of the Corvette and have been reflected in the attached SAE power rating. The SAE rating was derived from the 2014 Corvette LT1 engine via isopower per the horsepower and torque plots shown below.

Let me know if you have questions or require anything further in order to process this application for certification.

Thanks,

A handwritten signature in black ink that reads "J. B. Sevald".

Development & Validation System Manager
Small Block V6 & V8 Engines
Email: Brad.Sevald @gm.com
Phone: 248-830-8526

Power

Manufacturer Name	General Motors Powertrain
Address:	895 Joslyn Rd
City:	Pontiac
State:	MI
Country:	USA
Postal Code	48340
Engine:	Small Block V8 LT1 A1xC
Type of Certification:	Single Engine Certification
Model Year & Vehicle Application(s).	2016 MY Chevrolet Camaro
Test Standard:	J1349: Sept2011, SAE
Test Location:	Isopower data based on LT1 Y1xx Witness Testing of P4T1Y806AA in Pontiac Dyno Lab Cell D107
Engine Serial Number:	Isopower data based on LT1 Y1xx Witness Testing of P4T1Y806AA in Pontiac Dyno Lab Cell D107
Test/Run Number:	Isopower data based on LT1 Y1xx Witness Testing of P4T1Y806AA: 013-01-18-0003 E_F5_ENG_J1349.158388
Test Date:	08May13

RESULTS:

The engine described herein was tested on 08May13 according to the requirements prescribed in J1349: Sept2011, SAE, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

Parameter	Rated	Rated	Measured	Measured *	% Difference
	Speed	Output	Speed	Output	
Power (hp)	6000	455	6000	458.38	-0.73737947
Torque (lb-ft)	4400	455	4400	457.67	-0.58338978

Witness
Date

* Determined
via Isopower

APPROVALS:

The manufacture declares that the engine tested for this report is representative of engines in series production. The manufacturer further declares that the performance of engines in series production will characteristically be at least 98% of the rated torque and power values indicated on this report.

Name:
Title:
Date:

John E. Jensen
Assistant Chief
5/14/15



Documents

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