



GM Powertrain

May 12, 2015

Gary Pollak
SAE
400 Commonwealth Drive
Warrendale, PA 15096

Gary -

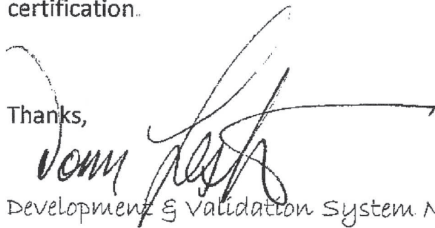
For 2016 MY GM will be introducing the Camaro with the LGX Engine. This is the same RPO (LGX) engine that was previously certified (witness testing) for the 2016 Cadillac CTS & ATS (sent on 3/17/15). The LGX engine is the same, but the Camaro application has slightly less restrictive inlet & more restrictive exhaust so we have provided the isopower adjusted torque and horsepower numbers (based on the 2016 MY Cadillac CTS & ATS).

	AIS SSPL @ 240 g/s (kPa)	Stag BP @ 255 g/s Exh Flow (kPa)
LGX Cadillac ATS/CTS SAE Cert, Test ID# 48600, 10Mar2015	2.98	37.00
LGX Camaro	2.87	40.00

Please note that this information is to be restricted from release to the public until after June 1, 2015.

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

Thanks,


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**SAE Power Certification
Form J2723 B**

J2723 Aug2007

SAE J1349
Certified Power™

Manufacturer Name	General Motors
Address:	777 Joslyn Rd
City:	Pontiac
State:	MI
Country:	USA
Postal Code	48340
Engine:	LGX - 60° V6
Model Year & Vehicle Application(s)	MY2016 - A1xC; Chevrolet Camaro
Test Standard:	J1349:Sep2011
Test Location:	Isopower Data based on LGX A1xL SAE Witness testing of N6GXY867AA in Pontiac Dyno Lab. Cell D201
Engine Serial Number:	Isopower Data based on LGX A1xL SAE Witness testing on N6GXY867AA
Test/Run Number:	Isopower Data based on LGX A1xL SAE Witness testing on N6GXY867AA: ENG153\Test_Data\2015-02-09-00004\F5 ENG J1349.48600

RESULTS:

The engine described herein was tested on 10-March-2015 according to the requirements prescribed in J1349:Sep2011, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

Parameter	Rated Speed	Rated Output	Measured Speed	Measured* Output	% Difference
Power (hp/kW)	6800	335/250	6800	334.1 / 251.6	-0.27%
Torque (ft-lbs/Nm)	5300	284/385	5300	281.8 / 381.8	-0.83%

*Determined via Isopower

SAE Certified Witness

Date

APPROVALS:

General Motors declares that the engine tested for this report is representative of engines in series production. General Motors 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:

Authorization Date:

S. Amer Heider
ASST-CHIEF ENGR.
5-11-15



Documents

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