



General Motors Company
Engine Development & Validation
Global Propulsion Systems
800 N Glenwood Ave
Pontiac, MI 48340

July 12, 2018

To SAE International:

I am writing this letter to request a new power certification for the LGX engine in the MY19 Chevy Blazer, on the C1UC platform. Our intent is to use the Iso-power certification process to account for induction system restriction differences when compared to the original MY17 LGX in the C1xx platform. This original certification was done on September 18th, 2015 on engine N7GXY693 with a test run number of 2015-08-27-00003.67771.

Please reference all the necessary documents that are attached.

Sincerely,

Gregory O'Daniel
HFV6 Engines DVSM
Global Propulsion Systems
General Motors Company

**SAE Power Certification
Form J2723 B**

J2723 Aug2007



Manufacturer Name	General Motors
Address:	850 Glenwood
City:	Pontiac
State:	MI
Country:	USA
Postal Code	48340
Engine:	LGX - 60° V6
Model Year & Vehicle Application(s):	MY2019 - Chevy Blazer (C1UC)
Test Standard:	J1349:Sep2011
Test Location:	Isopower Data based on LGX C1xx SAE Witness Testing in Pontiac Dyno Lab Test Cell D211
Engine Serial Number:	Isopower Data based on LGX C1xx SAE Witness Testing on N7GXY693
Test/Run Number:	Isopower Data based on LGX C1xx SAE Witness Testing on N7GXY693: 2015-08-27- 00003.67771

RESULTS:

The engine described herein was tested on 18-September-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)	6700	308 hp / 229 kW	6700	305 hp / 227 kW	0.98%
Torque (ft-lbs/Nm)	5000	270 ft*lb / 366 Nm	5000	268 ft*lb / 363 Nm	0.75%

*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: S. AmawHechi
Title: ASST. CHIEF ENGR. #416 ENGINES
Date: 6-29-18
Authorization Date: