



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,

A handwritten signature in black ink, appearing to read "Gregory O'Daniel".

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

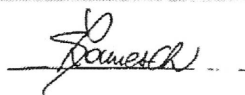
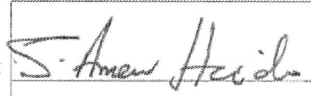
SAE Certified Witness
Date

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:

SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

SAE Power Certification Form J2723 B J2723 Aug2007		SAE J1349 Certified Power™			
Manufacturer Name	General Motors				
Address:	850 Glenwood				
City:	Pontiac				
State	MI				
Country:	USA				
Postal Code	48340				
Engine:	LGX - 60° V6				
Model Year & Vehicle	MY2017 - C1UL; Cadillac XT5				
Application(s).					
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	310 hp / 231 kW	6700	307 hp / 229 kW	0.98%
Torque (ft-lbs/Nm)	5000	271 ft*lb / 367 Nm	5000	269 ft*lb / 365 Nm	0.74%
*Determined via Isopower					
 SAE Certified Witness G. Lamesch Date January 12, 2016					
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. Andrew Heide Title: ASST. CHIEF ENGINEER Date: 1-13-16 Authorization Date:					

SAE J2723 AUG2007
SAE POWER CERTIFICATION FORM J2723 A
ENGINE DESCRIPTION (AS TESTED):

WOT Engine Power Plot

J2723 Aug2007

General Motors

3600 (cc) / DOHC / 60° V-6

MY2017 - C1UL; Cadillac XT5

