

**SAE Power Certification
Form J2723 B**

J2723 Aug2007

SAE J1349
Certified Power™

Manufacturer Name	General Motors
Address:	800 N. Glenwood Avenue
City:	Pontiac
State:	Michigan
Country:	United State
Postal Code	48340
Engine:	LFY V6
Model Year & Vehicle	2018 Chevy Traverse (C1YC)
Application(s)	2018 Buick Enclave (C1YB)
Test Standard:	J1349:Sep2011
Test Location:	Isopower Data based on LFY C1xx SAE Witness Testing in Pontiac Dyno Lab Test Cell D237
Engine Serial Number:	Isopower Data based on LFY C1xx SAE Witness Testing on N8FYY860
Test/Run Number:	Isopower Data based on LFY C1xx SAE Witness Testing on N8FYY860: 2017-03-28- 00003.120898

RESULTS:

The engine described herein was tested on DATE 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	310 hp	6800	307.05	0.96%
Torque (ft-lbs/Nm)	2800	266 ft-lbs	2800	263.9	0.80%

*Determined
via Isopower

SAE Certified Witness

Date May 11, 2017

G. Lamesch
G. Lamesch

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. Anna Heich*
Title: *ASST. CHIEF ENGR. LFV6 ENGINES*
Date: *5-12-17*
Authorization Date: *5-12-17*



Documents

Document Sharing Hub

SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

WOT Engine Power Plot

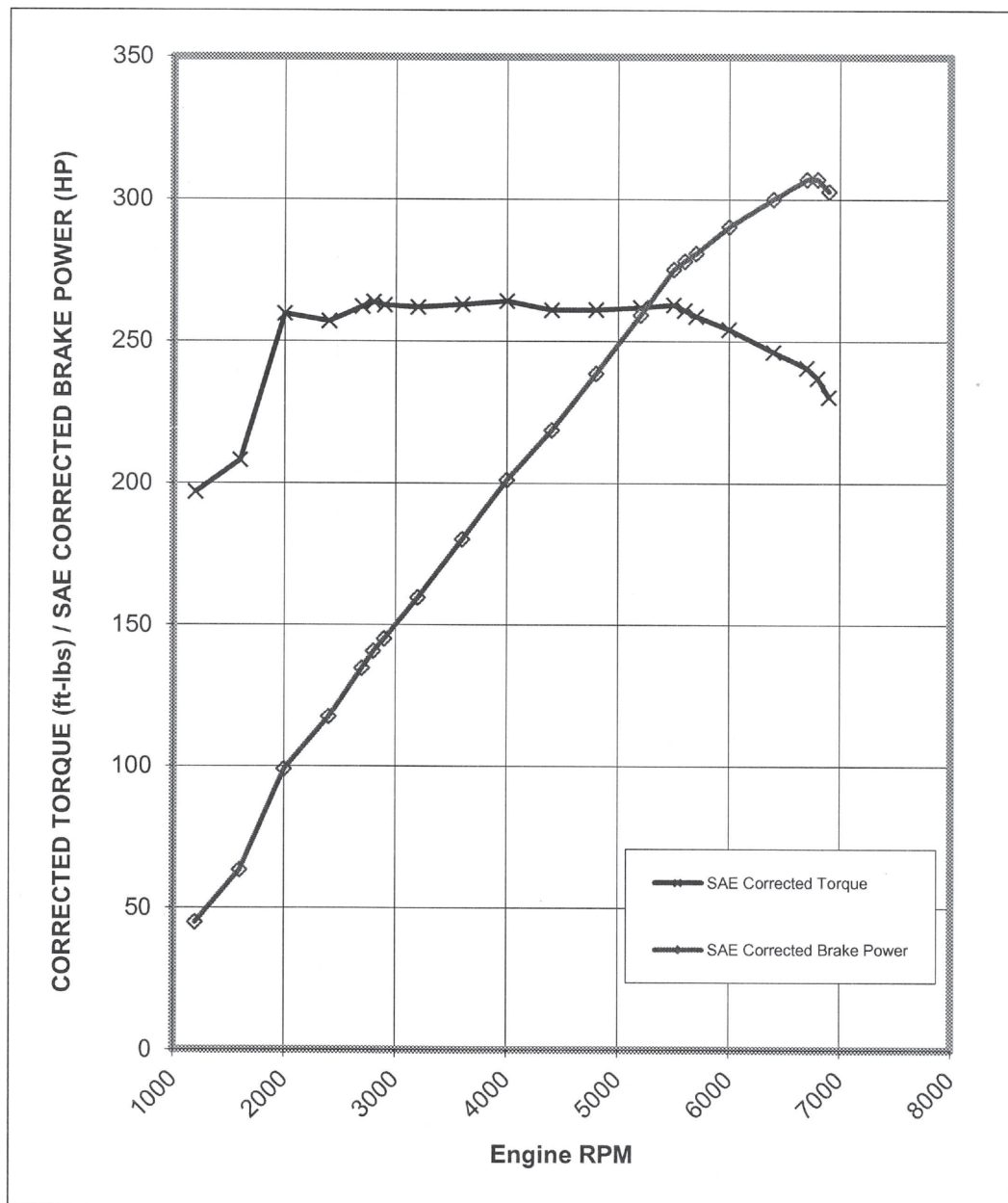
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General Motors

3600 (cc) / DOHC / 60 V-6

2018 Chevy Traverse (C1YC)

2018 Buick Enclave (C1YB)



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

SAE Power Certification Form J2723 A		SAE J1349 Certified Power™
J2723		
ENGINE DESCRIPTION - Data Entry Form		
Description	Value (Enter Values)	Units
Displacement (cc)	3600	cc
Configuration/Number of Cylinders:	60 V-6	
Valve Train:	DOHC	
Type:	Gasoline	
Combustion Cycle:	Four Stroke	
Pressure Charging:	Naturally Aspirated	
Charge Air Cooling:	None	
Bore (mm)	95	mm
Stroke (mm)	85.8	mm
Cylinder Numbering Convention	From front of crank nose rearward	
Firing Order:	1-2-3-4-5-6 (120 degrees even fire)	
Compression Ratio:	11.5:1	
Fuel System:	Direct Injection	
Fuel System Pressure	20 Mpa	
Ignition System:	Electronic Spark Ignited Coil on Plug	
Knock Control:	Dual Wire-Band Knock Sensors	
Intake Manifold:	Composite Nylon	
Exhaust Manifolds:	Integrated with Cylinder Heads - Aluminum	
Cooling System:	Internal Pump with liquid Cooling	
Coolant Liquid:	50% Water / 50% DEX-COOL	
Thermostat:	Inlet side - blocked open	
Cooling Fan	Electric	
Lubricating Oil:	Dexos 1 SAE 5W30	
Fuel:	Baseline 93	
Fuel Shut Off Speed:	7200	RPM
Notes:	Vehicle Calibration: E82_a181812802_DT_2018_LFY_C1YC_M3V_ AWD_Q3N_wATSS_GSS_Rev06 DTCs, Piston Protect and ESC all turned off in cal. Pilot Engine Build, Software Version 18.18.12.802.	