

**SAE Power Certification
Form J2723 B**

Manufacturer Name	General Motors Powertrain
Address:	895 Joslyn Rd
City:	Pontiac
State	MI
Country:	USA
Postal Code	48340
Engine:	High Feature V6 LFX
Type of Certification:	Single Engine Certification
Model Year & Vehicle	2014 Chevrolet Impala (GMX352) LFX
Application(s).	(ISOPOWER adjusted based on 2012 Buick Lacrosse (GMX353) LFX)
Test Standard:	J1349: Sept2011, SAE
Test Location:	Pontiac dyno lab
Engine Serial Number:	-
Test/Run Number:	SAE_J1349
Test Date:	1/8/2013

RESULTS:

The engine described herein was tested on 1/8/2013 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 Speed	Rated Output	Measured Speed	Measured Output	% Difference
Power (hp)	6800	305	6800	-	-
Torque (lb-ft)	5200	264	5200	-	-

Witness

Date

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 fall within 2% of the rated torque and power values indicated on this report.

Name:

Title:

Date:

S. Amer. Heidner
ASST. CHIEF ENGINEER
2-6-13



GM Powertrain

General Motors
GM Powertrain
Engine Engineering - Bldg C
Mail Code: 483-710-201
895 Joslyn Avenue
Pontiac, Michigan 48340
U.S.A.

January 9th, 2013

Gary Pollack
SAE
400 Commonwealth Drive
Warrendale, PA 15096

Gary,

For 2014MY, General Motors will introduce the Chevrolet Impala (GMX352) with the LFX engine. The restriction levels of this vehicle application have been reflected in the attached SAE power rating. The SAE power rating was gathered from the 2012MY Buick Lacrosse (GMX353) LFX isopower and isotorque plots shown below.

Regards,

Jennifer O. Daneshgari
HFV6 Development Validation Systems Manager

WOT ENGINE POWER PLOT (as tested)

SAE J1349
 Certified Power™

2014 Chevrolet Impala (GMX352) LFX Isopower Plot

(hp @ 6800rpm based on 2012MY Buick Lacrosse (GMX353) LFX)

