

**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 Cadillac XTS (P1LL) LFX
Application(s):	(Amendment to 2013 P1LL LFX SAE power certification to reflect the electric power steering)
Test Standard:	J1349: Sept2011, SAE
Test Location:	Pontiac dyno lab
Engine Serial Number:	-
Test/Run Number:	SAE_J1349
Test Date:	1/9/13

RESULTS:

The engine described herein was tested on 1/9/13 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. Amar Heich
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 2013MY, General Motors introduced the Cadillac XTS (P1LL) with the LFX engine. This application is SAE certified to 304hp @ 6800rpm.

For 2014MY, this application will have electric power steering (EPS). This will result in a reduction of the power steering pump losses, compared to previous model years, due to the engine no longer running a hydraulic power steering pump.

Therefore, General Motors would like to amend the SAE certified power number per section 9 of the SAE J2723 procedure. With EPS, we would like to amend the 2014MY Cadillac XTS (P1LL) LFX to 305hp @6800rpm. The SAE certified torque of 264 lb-ft @ 5200rpm is unchanged.

The new power rating is reflected in the power worksheet below. Additionally, the original 2013MY Cadillac XTS (P1LL) LFX SAE power certification sheet is also below for reference.

Regards,

Jennifer O. Daneshgari
HFV6 Development Validation Systems Manager

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Engine:	High Feature V6 LFX
Type of Certification:	Single Engine Certification
Model Year & Vehicle	2013 P1LL LFX
Application(s).	(ISOPOWER adjusted based on 2012 HFV6 LFX)
Test Standard:	J1349: Sept2011, SAE
Test Location:	Pontiac dyno lab
Engine Serial Number:	-
Test/Run Number:	SAE_J1349
Test Date:	3/12/2012

RESULTS:

The engine described herein was tested on 3/12/2012 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	304	6800	301	0.99667774
Torque (lb-ft)	5200	264	5200	263	0.37878788

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. Heide
ASST. CHIEF ENGINEER
3-14-12