

**SAE Power Certification
Form J2723-B**

J2723 Aug2007

SAE J1349
Certified Power™

Manufacturer Name	General Motors
Address:	895 Joslyn Rd.
City:	Pontiac
State:	MI
Country:	USA
Postal Code:	48340
Engine:	CSS 675T L3B
Model Year & Vehicle Application(s):	MY2020 Cadillac CT4 V Series
Test Standard:	J1349:Sep2011
Test Location:	Pontiac
Engine Serial Number:	N03BX701AP
Test/Run Number:	ENG153\Test_DATA\2019-03-08-00004 E_F5_ENG_J1349.181950 E_F5_ENG_J1349.181955 E_F5_ENG_J1349.181958

RESULTS:

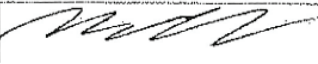
The engine described herein was tested on August 22, 2019 according to the requirements prescribed in J1349:Sep2011, Engine Power Test Code in the presence of a qualified SAE Witness, and was determined to produce the following results:

Parameter	Rated Speed	Rated Output	Measured Speed	Measured* Output	% Difference
Power (hp/kW)	5500	325 hp 242.4 kW	5500	321.9 hp 240.4 kW	≤1%
Torque (ft-lbs/Nm)	2000 - 4000	379.8 ft-lbs 515 Nm	2000-4000	376.1 ft-lbs 509.9 Nm	≤1%

SAE Certified Witness 
Date September 13, 2019

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: Kevin Luchanec
Title: Assistant Chief Engineer
Date: Dec 9th 2019
Authorization Date:

SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

SAE Power Certification
Form J2723 B



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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)	5500	325/242.4	5500	321.9/240.4	1.00%
Torque (ft-lbs/Nm)	2000 - 4000	379.8/515	2000-4000	376.1/509.9	1.00%

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:

Title:

Date:

Authorization Date:

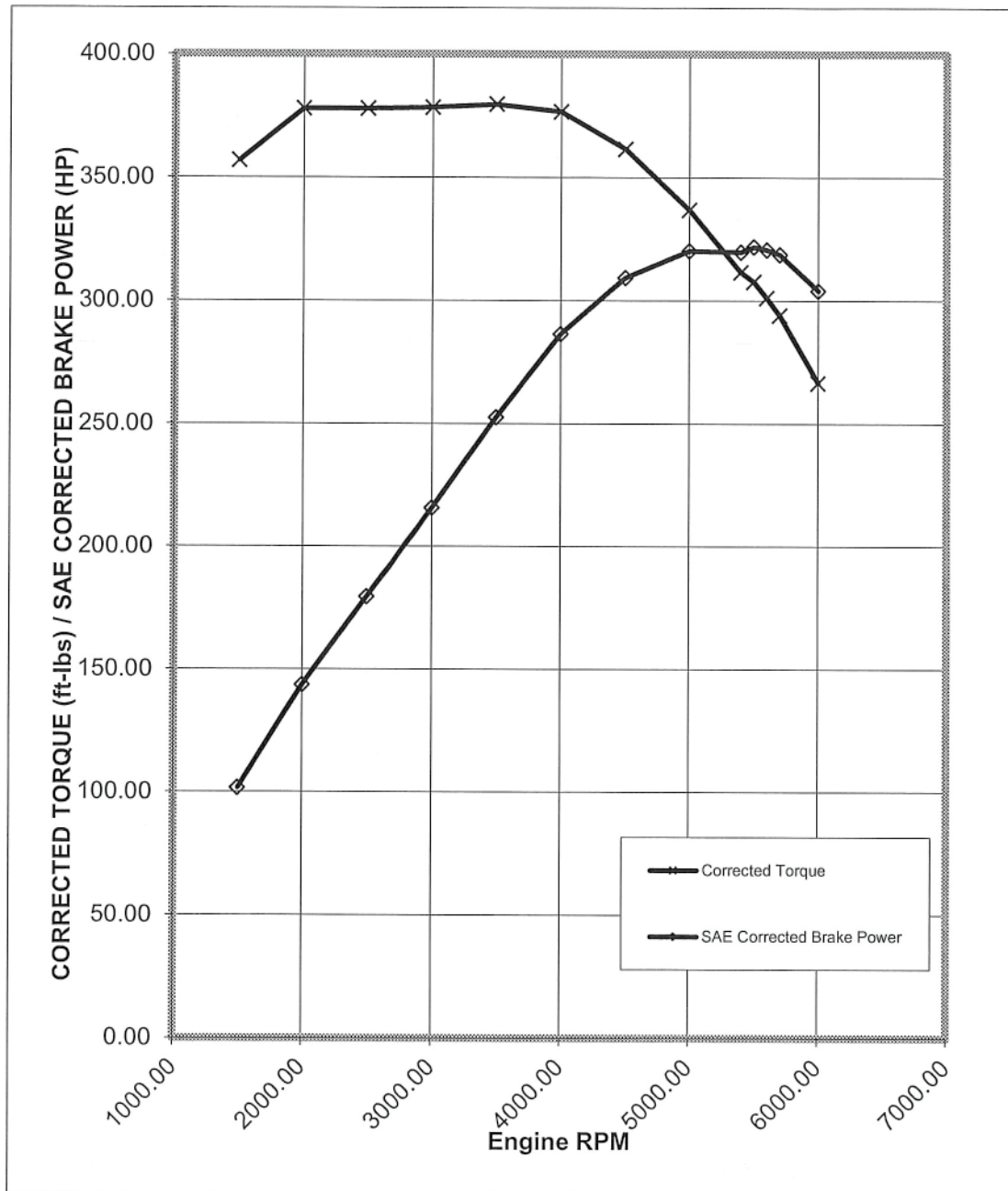
WOT Engine Power Plot

J2723 Aug2007

General Motors

2700 (cc) / DOHC / I-4

MY2020 Cadillac CT4 V Series



SAE Power Certification Form J2723 A		SAE J1349 Certified Power™
J2723		
ENGINE DESCRIPTION - Data Entry Form		
Description	Value (Enter Values)	Units
Displacement (cc)	2700	cc
Configuration/Number of Cylinders:	I-4	
Valve Train:	DOHC	
Type:	Gasoline	
Combustion Cycle:	Four Stroke	
Pressure Charging:	Turbo Charging	
Charge Air Cooling:	Charge Air Cooling	
Bore (mm)	92.25	mm
Stroke (mm)	102	mm
Cylinder Numbering Convention	From front of crank nose rearward	
Firing Order:	1-3-4-2	
Compression Ratio:	10:1	
Fuel System:	Direct Fuel Injection	
Fuel System Pressure	500 kPa (low)/20 Mpa (high)	
Ignition System:	Electronic Spark Ignited Coil on Plug	
Knock Control:	Dual Wide-Band Knock Sensors	
Intake Manifold:	Passive plastic shell molding	
Exhaust Manifolds:	Integrated Exhaust Manifold	
Cooling System:	Active Thermal Management	
Coolant Liquid:	water and 50% HOAT ethylene glycol (by volume)	
Thermostat:	Active Thermal Management	
Cooling Fan:	Active Thermal Management	
Lubricating Oil:	SAE 5W-30	
Fuel:	Premium (93 PON)	
Fuel Shut Off Speed:	6100	RPM
Notes:		



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