

SAE Power Certification Form J2723 B		SAE J1349 Certified Power™			
J2723 Aug2007					
Manufacturer Name	Fiat Chrysler Automobiles				
Engine:	3.6L 6 cyl				
Model Year & Vehicle Application(s).	2016 Jeep Grand Cherokee, 2016 Dodge Durango				
Test Standard:	J1349:Mar2008				
Test Location:	Fiat Chrysler Automobiles, Auburn Hills, MI. Test Cell B10				
Engine Serial Number:	6B074ERC614A				
Test/Run Number:	6B074ERC614A055				
RESULTS:					
The engine described herein was tested on according to the requirements prescribed in J1349:Mar2008, 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)	6400	295.0	6400	293.0	-0.67%
Torque (lb-ft)	4000	260	4000	259.42	-0.22%
SAE Certified Witness	Juergen Walther				
Date	6/22/2015				
APPROVALS:					
Fiat Chrysler Automobiles declares that the engine tested for this report is representative of engines in series production. Fiat Chrysler Automobiles 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:	Julian John				
Title:	Manager Powertrain Systems				
Date:	6/21/2015				
Authorization Date:					

Juergen Walther

SAE J2723 AUG2007
WOT ENGINE POWER PLOT (AS TESTED)

SAE Power Certification Form J2723 A		SAE J1349 Certified Power™
J2723 Aug2007		
ENGINE DESCRIPTION - Data Entry Form		
Description	Value (Enter Values)	Units
Displacement (cc)	3603	cc
Configuration/Number of Cylinders:	60° V-6	
Valve Train:	DOHC VVT	
Type:	Gasoline	
Combustion Cycle:	Four Stroke	
Pressure Charging:	Naturally Aspirated	
Charge Air Cooling:	None	
Bore (mm)	96	mm
Stroke (mm)	83	mm
Cylinder Numbering Convention	Front of crank rearward	
Firing Order:	1-2-3-4-5-6	
Compression Ratio:	11.3:1	
Fuel System:	Port Fuel Injection	
Fuel System Pressure	400 kPa (Nominal)	
Ignition System:	Electronic Spark Ignited Single Coil over Plug	
Knock Control:	Dual Wide-Band Knock Sensor	
Intake Manifold:	Plastic shell molded, vibration welded	
Exhaust Manifolds:	Integrated aluminum	
Cooling System:	Forced flow liquid cooling	
Coolant Liquid:	50% water,50% HOAT ethylene glycol (by vol)	
Thermostat:	Inlet side blocked open	
Cooling Fan	Electric Motor Driven	
Lubricating Oil:	SAE 0W20	
Fuel:	Regular (87 PON)	
Fuel Shut Off Speed:	6800	RPM
Notes:	Calibration P/N 68252317AAD	