

SAE J2723 MAR 2005

SAE Power Certification
Form J2723 B

MANUFACTURER: DaimlerChrysler

ENGINE: 8.3L V10

MODEL YEAR & VEHICLE APPLICATION: 2006 Dodge Viper

TEST STANDARD: J1349

TEST LOCATION: Cell 07

ENGINE SERIAL NUMBER: 0420DRM4023

TEST/RUN NUMBER: 0420DRM4023013/14/05

RESULTS:

The engine described herein was tested on August 5, 2005 according to the requirements prescribed in J1349, 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)	5600	510.0	5600	510.7	0.137
Torque (lb-ft)	4100	535.0	4100	536.3	0.242



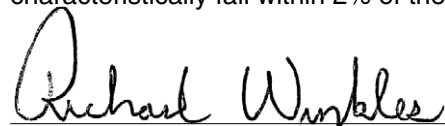
SAE Certified Witness,

8/31/2005

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

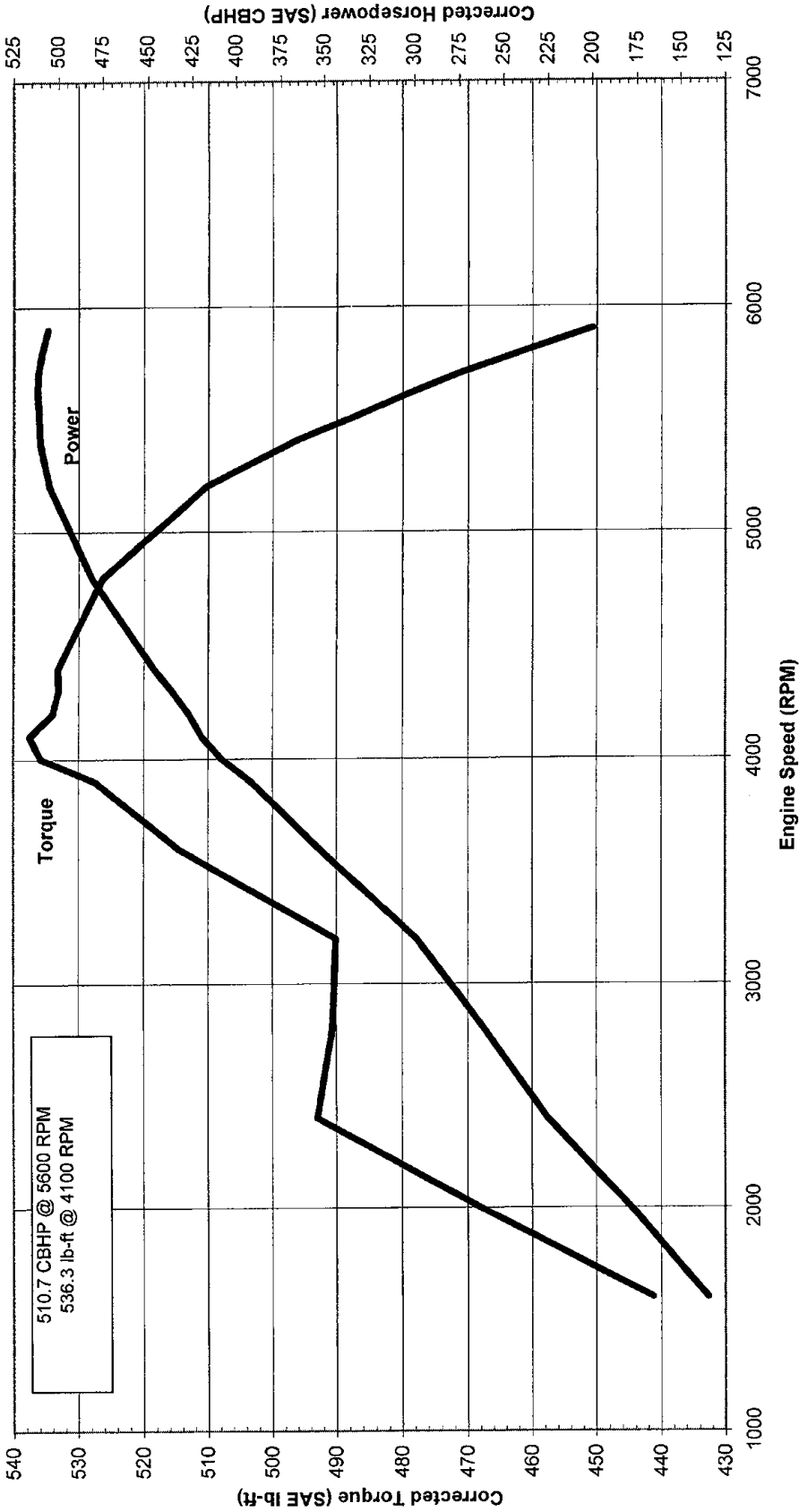
Development Supervisor SRT

Title

8/2/05

Date

DaimlerChrysler
2006 MY Engine Performance Rating
8.3L V-10 - Federal ZB SRT-10 Application



Net engine power and torque obtained in accordance with SAE J1349 (AUG2004)
and certified in accordance with SAE J2723 (APR2005)

**SAE Power Certification
Form J2723 A**

**ENGINE DESCRIPTION
(As Tested):**

Displacement:	8300 cc
Configuration/Number of Cylinders:	90° V-10
Valve Train:	Cam in Block, Push Rod OHV, Type II
Type:	Gasoline
Combustion Cycle:	Four Stroke
Pressure Charging:	Naturally Aspirated
Charge Air Cooling:	None
Bore:	102.362 mm
Stroke:	100.58 mm
Cylinder Numbering Convention	From front of crank nose rearward
Firing Order:	1-10-9-4-3-6-5-8-7-2 (54°-90° Odd Fire)
Compression Ratio:	9.6:1
Fuel System:	Port Fuel Injection
Fuel System Pressure	379 kPa (Nominal)
Ignition System:	Coil Packs with Waste Spark
Knock Control:	Dual Wide-Band Knock Sensors
Intake Manifold:	Aluminum SPM Casting
Exhaust Manifolds:	Steel Tube Headers
Cooling System:	Forced Flow Liquid Cooling
Coolant Liquid:	100% Water
Thermostat:	Outlet side – blocked open
Cooling Fan	Hydraulic Fan
Lubricating Oil:	SAE 0W40 Mobil 1
Fuel:	Amoco Ultimate, MS7621
Fuel Shut Off Speed:	6050 RPM