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## **2016 BMW M5 Pure Metal Silver Limited Edition.**

**Woodcliff Lake, N.J. – July 21, 2016 – 6:01pm EDT/ 3:01pm PDT ...** The BMW M Division has developed the exclusive, 50 units produced for the US only, BMW M5 Pure Metal Silver Limited Edition. The high performance business sedan, featuring the unique paint color Pure Metal Silver has an increased power output of 600 hp and maximum torque of 516 lb-ft. The BMW M5 Pure Metal Silver Limited Edition ranks among the most powerful automobiles in the model history of the BMW brand. This model comes as standard with an M dual clutch transmission featuring Drivelogic enabling sprints from 0 to 60 mph in just 3.9 seconds. The 2016 BMW M5 Pure Metal Silver Limited Edition is available from \$130,900 plus \$995 Destination and Handling starting August 2016.

### **M Power: Performance and Handling.**

At the heart of the BMW M5 Pure Metal Silver Limited Edition, sits a 4.4 liter, high revving V8 BMW M TwinPower Turbo engine. An increase in boost pressure and targeted modifications to the engine raises the car's performance vs. the production model by 40 hp to 600 hp. At the same time, maximum torque has increased by 16 lb-ft.

On the BMW M5 Pure Metal Silver Limited Edition, the standard Competition Package has been enhanced to include 20-inch forged wheels amplifying the perfectly executed balance between performance output and handling. The Competition Package includes a lowering of the vehicle by 0.4 inches and a firmer setup of the spring damper systems and stabilizers. In combination, the specific control setting for the Active M differential fitted as standard on all BMW M5 models ensures ideal traction. The steering system with an M specific Servotronic function comes with a more direct control map, providing the driver with precise response and enhancing the car's agility when turning into corners. In addition, the M Dynamic Mode

of the stability control system DSC (Dynamic Stability Control) has been specifically aligned to sporty handling characteristics unique to this special edition model. Typical M driving dynamics guarantee ideal handling and performance on the racetrack as well as in everyday traffic. Standard M Carbon Ceramic Brakes provide additional stopping power.

### **M Driver's Package.**

The standard M Driver's Package includes a unique 1-day high performance driving school which has been tailored to driving BMW M vehicles through various exercises on a racetrack to explore the limits of the vehicle in a controlled environment. The driving school is available at the BMW Performance Center East (South Carolina) or West (California). Additionally, the M Driver's Package increases the vehicle's top speed from 155 mph to 190 mph.

### **Pure Metal Silver: A unique BMW Individual Paint.**

The BMW M5 Pure Metal Silver Limited Edition sporty character comes to light even when the engine is not roaring. An exclusive body color Pure Metal Silver, consistent of a unique BMW Individual paint layering process embellishes this limited edition. Due to the unique application process, creating a special light dark effect, Pure Metal Silver is BMW Individuals most exclusive paint job available. It's silk skin and high metal brilliance reflect light more intensely than any other color. Responsible for this unique metal gleam is the combination of a special effect pigment with a water base paint system. Hundreds of thousands of ultra thin aluminum flakes guarantee a uniform and gleaming surface. Painting a vehicle in this color is extremely delicate and requires a lot of detailed hand work. The vehicle is completely removed from the regular production processes and the surface of the car is checked three times until the surface is 100 percent perfect. After the paint preparation the chassis is carefully examined where any uneven elements are smoothened by hand. To achieve the Pure Metal Silver look the chassis needs a glossy and smooth surface utilizing a Glacier Silver Metal base coat. One more surface check is completed prior to the application of the final coating. After cleaning the vehicle with compressed air, Pure Metal Silver is applied. The finishing specialist polishes and examines the vehicle one last time by hand before the chassis leaves Plant Dingolfing's paint shop. The combination of perfect craftsmanship and computer controlled manufacturing guarantees the high quality and exclusive look of the limited edition BMW M5 Pure Metal Silver.

The 20-inch M light alloy wheels with performance tires (265/35 R20 at the front, 295/30 R20 at the rear) highlight the car's outstanding handling characteristics. An M Performance Exhaust with carbon bezel as well as the black M Performance Kidney grill enhance the sporty appeal of this unique edition.

## The character of a Limited Edition: The interior.

The interior features full leather Merino with contrast stitching and aluminum interior trim embellished with the Pure Metal Silver M5 1/50 badge highlighting the unique and limited character of this special edition. Inside the BMW M5 Pure Metal Silver Limited Edition both driver and passenger sit in M multifunctional seats, the comprehensive electric adjustment options guarantee a perfect balance between comfort and sporty lateral support.

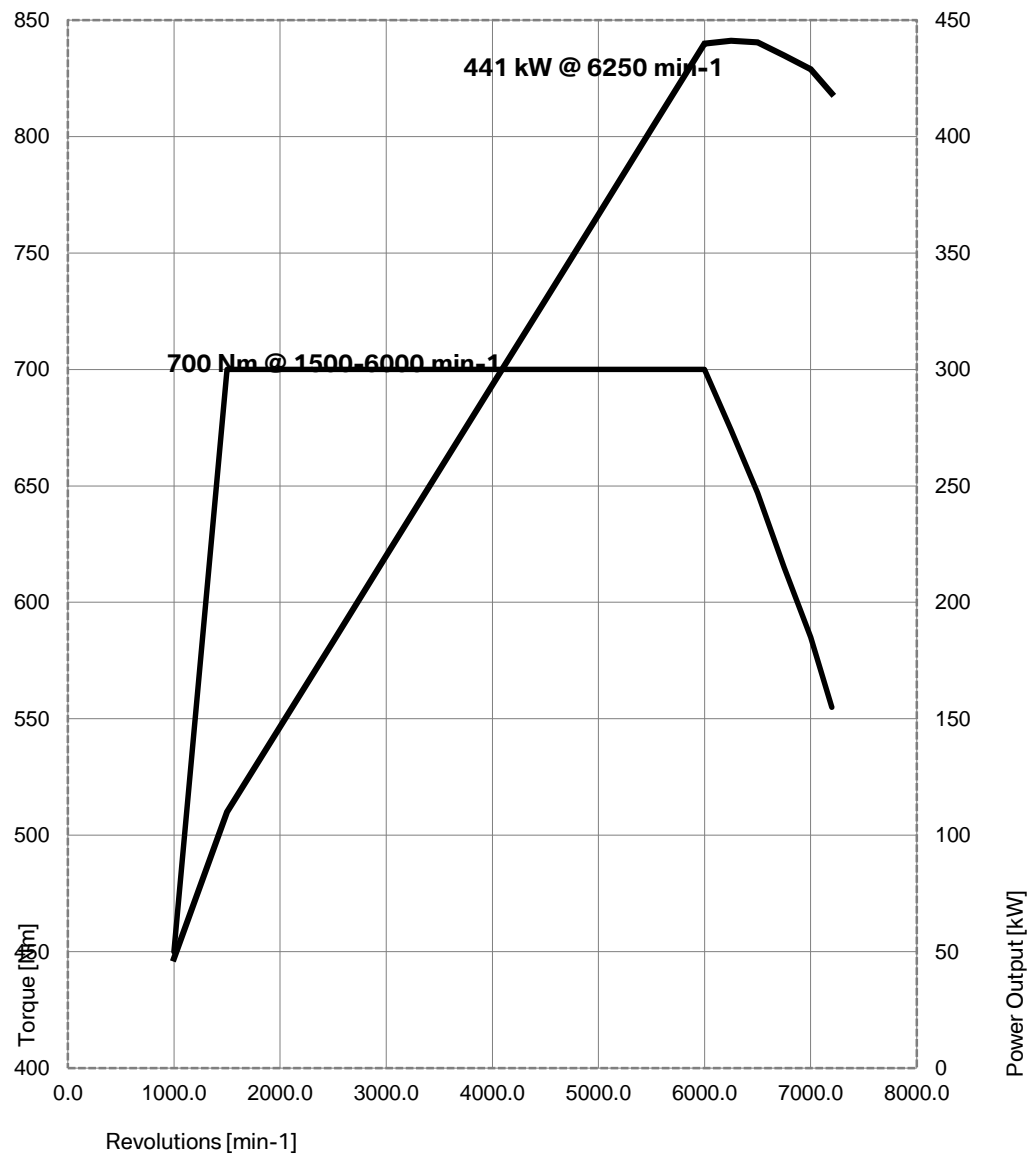
Premium standard equipment includes: BMW Head-Up Display, BMW Driving Assistant, Advanced Real-Time Traffic Information, Navigation System, Comfort Access Keyless Entry and Adaptive Full LED Lights amongst others.

## Technical specifications.

BMW M5 Pure Metal Silver Limited Edition			
<b>Body</b>			
Number of doors/seats		4/5	
Length/Width/Height (EU unladen)	mm	4910/1891/1457	
Wheelbase	mm		2964
Track front/rear	mm		1627/1582
Turning circle	M		12.6
Tank capacity	appr l		80
Cooling system incl. heating	l		18.5
Engine oil	l		8.4
Weight, unladen, to DINEU	kg	1870/1260	
Max. load to DIN	kg	540	
Max. perm. weight, overall	kg	2410	
Max perm trailer load unbraked/braked	kg		2000/750
Perm roof load/trail download	kg		100/90
Luggage capacity	l	520	
Air resistance	cd x A	0.33 x 2.40	
<b>Engine</b>			
Config/no. of cyls./valves			V8/4
Engine technology	M TwinPower Turbo technology with cylinder bank comprehensive manifold, twin-scroll twin turbochargers, High Precision direct injection, Valvetronic and double VANOS		
Capacity	cc		4395
Stroke/bore	mm		88.3/89.0
Compression ratio	:1		10.0
Fuel grade			ROZ 98 (min. ROZ 95)
Max output	hp		600
at	min <sup>-1</sup>		6250
Max torque	lb-ft		516
at	min <sup>-1</sup>		1500–6000
<b>Electrical system</b>			
Battery/installation	Ah/–		105/luggage comp
Alternator	A/W		210/2926
<b>Driving dynamics and safety</b>			
Suspension, front	Double-joint spring strut axle with M specific elastokinematics, small, negative steering roll radius, anti-dive		
Suspension, rear	Integral-V multi-arm axle with M specific elastokinematics, spatial suspension, anti-squat and anti-dive		
Brakes, front	Six-piston fixed-calliper disc brakes in compound construction (ventilated)		
Diameter	mm		400 x 36
Brakes, rear	Single-piston floating-calliper disc brakes in compound construction (ventilated)		

Diameter	mm	396 x 24
Driving stability systems	Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, Dynamic Damper Control, Active M Differential, networked with Integrated Chassis Management (ICM)	
Safety features	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash-activated head restraints at the front, crash sensors, Tire Defect Indicator	
Steering	Hydraulic rack-and-pinion steering with M specific Servotronic function	
Overall steering transmission	:1	18.0
Tires front/rear	265/35 R20 / 295/30 R20	
Wheels front/rear	9 J x 19 LM / 10.0 J x 19 LM	
<b>Transmission</b>		
Type	Seven-speed M double clutch transmission with Drivelogic	
Gear ratios	I	:1 4.806
	II	:1 2.593
	III	:1 1.701
	IV	:1 1.277
	V	:1 1.000
	VI	:1 0.844
	VII	:1 0.671
	R	:1 4.172
Final drive	:1	3.150
<b>Performance</b>		
Power-to-weight ratio	kg/kW	4.2
Output per liter	hp/l	134
Acceleration 0–60 mph	s	3.9
Top speed	mph	190

### Power and torque diagram.



### BMW Group In America

BMW of North America, LLC has been present in the United States since 1975. Rolls-Royce Motor Cars NA, LLC began distributing vehicles in 2003. The BMW Group in the United States has grown to include marketing, sales, and financial service organizations for the BMW brand of motor vehicles, including motorcycles, the MINI brand, and the Rolls-Royce brand of Motor Cars; Designworks, a strategic design consultancy based in

California; a technology office in Silicon Valley and various other operations throughout the country. BMW Manufacturing Co., LLC in South Carolina is part of BMW Group's global manufacturing network and is the exclusive manufacturing plant for all X5 and X3 Sports Activity Vehicles and X6 and X4 Sports Activity Coupes. The BMW Group sales organization is represented in the U.S. through networks of 341 BMW passenger car and BMW Sports Activity Vehicle centers, 153 BMW motorcycle retailers, 126 MINI passenger car dealers, and 36 Rolls-Royce Motor Car dealers. BMW (US) Holding Corp., the BMW Group's sales headquarters for North America, is located in Woodcliff Lake, New Jersey.

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**Journalist note:** Information about BMW and its products in the USA is available to journalists on-line at [www.bmwusanews.com](http://www.bmwusanews.com).

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