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**The new BMW X4 M40i.**

- **World premiere of the new inline 6 cylinder TwinPower Turbo engine.**
- **Intelligent BMW xDrive: four-wheel drive with rear-wheel-drive characteristics.**
- **A sporty chassis specifically tuned to M Performance specifications.**

**Woodcliff Lake, N.J.: September 30, 2015...** Today, with the introduction of the new 2016 BMW X4 M40i, the successful BMW X4 has gained a new top model. In the Sports Activity Coupe segment (SAC), the BMW X4 M40i is setting new standards with enhanced driving dynamics and best-in-segment acceleration. The new BMW X4 M40i will be available at dealers starting February 2016 starting at \$57,800 plus Delivery and Handling.

**Design.**

The exterior of the new BMW X4 M40i makes it stand out as a clear member of the BMW M Performance family. Exclusive Ferric Gray metallic accents on the front of the vehicle and side mirrors, as well as the exclusive 20-inch M light-alloy double-spoke wheels with optional Michelin Pilot Super Sport tires and the sport exhaust system with valve control and Black Chrome tailpipes on both sides emphasize the unique character of the new BMW X4 M40i. The M leather wrapped steering wheel, M gear shift lever, sport seats, model-specific door sills and "X4 M40i" digital lettering on the instrument cluster decorate the interior, assuring immediate recognition as a BMW M Performance model.

### **A world premiere – the 6 cylinder inline engine.**

A newly developed M Performance TwinPower Turbo inline 6 cylinder gasoline engine celebrates its world premiere in the new BMW X4 M40i. This engine delivers 355 hp at between 5,800 and 6,000 rpm from its three-liter displacement, providing a maximum torque of 343 lb-ft. With this high-performance engine and the advanced M Performance TwinPower Turbo technology, the BMW X4 M40i delivers best-in-class acceleration, running the sprint from 0-60 mph in just 4.7 seconds.

The specially tuned sports chassis of the new BMW X4 M40i provides excellent driving dynamics at an advanced level with stronger springs and stabilizers, increased camber on the front axle, and adaptive dampers specifically tuned to M Performance specifications. The BMW xDrive all-wheel drive system has been recalibrated with more power routed to the rear wheels during normal operation. The Performance Control ensures a responsive steering with more road feedback as well confident dynamics due to a specific tuning of the steering

The newly developed M Performance TwinPower Turbo inline 6 cylinder gasoline engine for the new BMW X4 M40i combines high performance with exemplary fuel economy. Accordingly, the lightweight, thermodynamically optimized aluminium engine has been constructed with a closed-deck design. In this type of construction, the water jacket surrounding the cylinders is sealed at the top, which endows the crankcase with an exceptionally high degree of stiffness.

### **Building on heritage: The BMW TwinPower Turbo engine.**

The drive unit powering the new BMW X4 M40i is based upon the three-liter, inline 6 cylinder engine in the BMW X4 xDrive35i. The chassis has been optimized using a forged steel crankshaft, pistons with a modified top ring, crankshaft bearings and high performance spark plugs in its 6 cylinder inline engine with M TwinPower Turbo technology.

In addition to a higher level of turbo boost pressure and an increase in the amount of fuel injected, the engine has been fitted with an aerodynamically tuned air intake manifold as well as an exhaust system optimized both in terms of back pressure and sound characteristics in order to enhance performance. A separate oil cooler guarantees that the optimum operating temperature of this extremely powerful engine is maintained under all driving conditions. The distinctive exhaust system fitted to the new BMW X4 M40i is unmistakable with tailpipes on both sides finished in Black Chrome. The radical technical changes include, an intelligent valve control, a back pressure-optimized double-flow exhaust system fitted

beneath the floor of the vehicle, as well as resonator tuning specific to M Performance. The result is a powerful sound, individually determined by the driver depending on driving mode and driving situation, perfectly emphasizing the car's sporty character acoustically.

### **M Performance TwinPower Turbo technology.**

The new M Performance TwinPower Turbo inline 6 cylinder gasoline engine also benefits from TwinScroll Turbo technology, the High Precision Injection system, the Double VANOS variable camshaft control system and VALVETRONIC, the fully variable valve control system as standard equipment.

This cutting-edge drive technology in the new BMW X4 M40i guarantees the free-revving thrilling typical of a BMW M engine and its outstanding power delivery.

The integration of the turbocharger into the exhaust manifold also makes a significant contribution to the highly efficient power optimization provided by M Performance TwinPower Turbo technology in the new 6 cylinder inline engine in the new BMW X4 M40i. As internal friction is minimized, the warm-up phase required less time.

### **Excellent driving performance.**

Technical enhancements have resulted in the most powerful M Performance gasoline engine to date. The new engine powers the new BMW X4 M40i with 355 hp at between 5,800 and 6,000 rpm. This corresponds to an increase in performance of nearly 18 percent compared to the BMW X4 xDrive35i. At the same time, these internal engine modifications have increased maximum torque by a good 14 percent to 343 lb-ft between 1,350 and 5,250 rpm. The BMW X4 M40i completes the sprint from zero to 60 mph in just 4.7 seconds before hitting its electronically limited top speed of 150 mph.

The increased camber on the double-joint front axle and the strengthening of the wishbones result in increased steering response and more steering feedback. Stiffer springs and reinforced stabilizers on both front and rear axles also reduce roll tendency and optimize driving dynamics. These measures are most effectively supported by the M Performance specific tuning, performed on the electronically controlled damping system.

The variable sports steering, sharpened by M Performance-specific tuning, delivers heightened steering precision; the steering feel is further refined by optimized road feedback.

### **Sport Automatic 8-speed STEPTRONIC as standard.**

The 8-speed STEPTRONIC sports transmission, fitted as standard equipment in the new

BMW X4 M40i, is responsible for the transmission of the energy supplied by the most powerful M Performance gasoline engine to date, making a significant contribution to the dynamics of this M Performance vehicle. The M Performance-specific tuning of the gear shift programs, which features distinctively sporty shifts and higher downshift spontaneity throughout the entire range of engine speed, was specially adapted to the engine characteristics. Sporty, direct powertrain connectivity is achieved by carefully avoiding converter slip outside of gear changes. In addition, the 8-speed Steptronic sports transmission has Launch Control as standard. With this easy-to-use system, an ambitious driver is able to optimally accelerate his BMW X4 M40i under all conditions. For a decidedly sporty driving style, the 8-speed Steptronic sports transmission can also be controlled via paddle shifters mounted on the steering wheel. In classic fashion, when in manual mode the selected gear is maintained, even when the engine speed limiter has been triggered. In addition, with its compact design, low weight and its optimized efficiency, this transmission makes a significant contribution to reducing both fuel consumption and emissions.

#### **xDrive - BMW's intelligent all-wheel drive system.**

Like all of the BMW X4 models, the BMW X4 M40i is fitted with intelligent BMW xDrive all-wheel drive. With Performance Control as standard, the system regulates the variable distribution of drive torque between the two rear wheels. These systems help to achieve a unique level of dynamics, agility and traction. Regardless of the road surface, the vehicle follows the line the driver intends far more precisely and requires noticeably fewer steering corrections. Furthermore, the BMW xDrive fitted to the BMW X4 M40i has been configured to place emphasis on the rear wheels, a typical characteristic of BMW M Performance driving dynamics.

#### **Michelin Pilot Super Sport tires– for ideal road contact.**

Instrumental to the excellent driving dynamics of the new BMW X4 M40i are the appropriate tires. Exclusively available for the new BMW X4 M40i are the optional new two-tone 20-inch double-spoke light-alloy wheels (front 8.5 J x 20, rear 10 J x 20) fitted with Michelin Pilot Super Sport tires. This Ultra High Performance tire mix (front 245/40 R20, rear 275/35 R20) guarantees an even better feel for, and a measurable increase in the driving dynamics.

As standard equipment, the BMW X4 M40i is fitted with a 19-inch double-spoke light-alloy wheels with either all-season run-flat tires (8.5 J x 19, 245/45 R19) or performance run-flat tires (front 8.5 J x 19, 245/45 R19; rear 9.5 J x 19, 275/40 R19 ) axle.

In view of the performance of the new BMW X4 M40i, the braking system also had to be upgraded. The increased size of the brake discs on the front axle and the performance-oriented brake pads on all four wheels ensure that the new BMW X4 M40i can be outstandingly decelerated, in even the sportiest of driving conditions.

### **Individualization and Design.**

The stretched, powerful lines of this Sports Activity Coupe are further emphasized in the new BMW X4 M40i with selectively applied Ferric Gray metallic accents, that clearly sets this vehicle apart from the other BMW X4 models. For example, the exterior mirrors as well as the vertical slats of the famous BMW kidney grille are painted in exclusive Ferric Gray metallic. The same color also adorns the new aero design element in the large air intakes located on the far outer edges of the front apron. In addition, the exclusivity of the BMW X4 M40i is subtly underlined by the model lettering in chrome.

From the rear, the new BMW X4 M40i is immediately recognizable. At first glance, the wide, flat rear end with the L-shaped LED rear lights and the aggressive diffuser optics affirms the vehicle's excellent driving dynamics. Two tailpipes are mounted on the left and right at the rear and the sport exhaust system finished in Black Chrome also suggest the extraordinary performance potential of the BMW M Performance model which is confirmed by the powerful sound of the engine.

The extroverted appearance of the new BMW X4 M40i is supplemented by the exclusive, optional 20-inch M double-spoke light-alloy wheels in two-tone Ferric Grey metallic, with highly polished, sculpted faces. Together with the characteristic two-part contour line, the muscular flanks and the accurately modelled C pillars, these illustrate once again the excellent dynamic credentials of BMW M Performance automobiles.

The sporty, exclusive interior of the new BMW X4 M40i also emphasizes its typical BMW M Performance pedigree. The door sills bear the "X4 M40i" lettering, which also appears on the instrument cluster when the vehicle is unlocked and remains visible when driving. Navigation instructions and vehicle status messages are superimposed over the lettering as required. This dynamic impression is rounded off by the new standard M leather steering wheel with shifter paddles and the M logo on the selector lever of the 8-speed STEPTRONIC Sport automatic transmission.

The new BMW X4 M40i is extensively equipped when ordered as a standard vehicle. 8-speed Sport automatic transmission, Dynamic Damper Control, Variable Sport Steering,

Performance Control, Park Distance Control front and rear, Xenon adaptive headlights and LED fog lights are all standard, as well as Sport seats, M leather steering wheel and 19-inch M light-alloy wheels. In addition, Nevada Leather upholstery, Comfort Access keyless entry, Lumbar support, and Satellite radio with 1 year subscription (content of Premium Package on the X4 xDrive35i) are all standard on the X4 M40i.

Seven paint colors are available for the new BMW X4 M40i (of which six are available with M Sport on other X4 models), Long Beach Blue metallic joins the offering as an exclusive color for the X4 M40i. Six Nevada Leather upholstery colors can be selected for the interior, as well as four different interior trim options.

### **BMW ConnectedDrive.**

With an array of BMW ConnectedDrive options on offer, including a full-color head-up display, the new BMW X4 M40i also provides all the benefits that result from comprehensively networking the driver, vehicle and the environment.

Other ConnectedDrive features such as the Active Driving Assistant + ACC Stop & Go including Lane Departure Warning, Forward Collision Warning, Pedestrian Warning and City Collision Mitigation are available as optional equipment. BMW Online and BMW Apps, available with the optional Navigation system and in the Technology Package provides access to the intelligent vehicle networking of the driver, vehicle and environment. Innovative services such as Real-Time Traffic Information system (RTTI) can be accessed via the permanently installed SIM card. Apps and extensive on-line applications are also available when Navigation or Technology Package are equipped.

### **The unparalleled Intelligent Emergency Call.**

The Intelligent Emergency Call is also standard equipment on the BMW X4 M40i; its scope and capabilities have made it a world leader in the automotive sector. The system not only reacts when assistance is manually requested, but it also activates automatically. In the case of an accident, the Intelligent Emergency Call sets up a connection to the BMW Interaction Center via the SIM card which is permanently installed in the vehicle; staff then make direct contact with the occupants. At the same time, vehicle location and the potential risk of injury to the occupants of the vehicle are transmitted to ensure a quick rescue response, even if no one in vehicle is able to answer.

## The new BMW X4 M40i. Technical Specifications.

X4 M40i		
<b>Engine type</b>		<b>N55B30T0</b>
<b>Transmission type</b>		<b>automatic</b>
<b>Body</b>		
Seats	--	5
Number of Doors	--	5
Vehicle length	inch	-
Vehicle width	inch	74.8
Width including mirrors	inch	82.2
Vehicle height	inch	63.9
Wheelbase	inch	110.6
Overhang front	inch	34.5
Rear overhang	inch	39.4
Ground clearance	inch	8
Turning circle	ft	39
Legroom front	inch	40.4
Legroom 2nd row	inch	34.8
Shoulder room front	inch	57.2
Shoulder room rear	inch	56
Headroom front	inch	40
Maximum headroom 2nd row	inch	37.4
Headroom front with Sunroof	inch	39.3
Maximum headroom 2st row with sunroof	inch	37.3
Front Seat Volume	ft <sup>3</sup>	53.4
Rear Seat Volume	ft <sup>3</sup>	42.2
Luggage vol. (EPA) - only for homologation	ft <sup>3</sup>	17.7
Press Trunk volume (SAE)	ft <sup>3</sup>	17,7-49,4
Ramp angle	°	16.5
climbing ability starting	%	32
US Tank capacity	gal	17.7
rear Weight distribution (empty car)	%	48.5
US Curb weight	lbs	4235

**X4 M40i**

US Gross vehicle weight	lbs	5260
US Payload	lbs	910
US Axle load limit of the front	lbs	2540
US Axle load limit of the rear	lbs	2900

**Engine**

Engine type	--	N55B30T0
Cylinders	--	6
Valves per cylinder	--	4
Stroke	mm	89.6
Bore	mm	84
Displacement	cm <sup>3</sup>	2979
Compression ratio	:1	10.2
Engine power [HP]	HP	355
at rpm	1/min	5800-6000
Engine torque	lb-ft	343
Fuel type	--	gasoline
Recommended fuel	Octane	AKI 93

**Transmission**

Transmission designation	--	8HP45
Transmission type	--	Automatic Transmission
Gear ratios		
1st gear	--	4.714
2nd	--	3.143
3rd	--	2.106
4th	--	1.667
5th	--	1.285
6th	--	1
7th	--	0.839
8th	--	0.667
Reverse gear	--	3.295
Final drive ratio	--	3.385

**X4 M40i**



#### Chassis

Power-steering	--	EPS
Steering transmission, overall	:1	16.4
Front tires	--	245/45 R19 102V XL AS
Front rims	--	8,5J x 19 LM
Rear tires	--	275/40 R19 102V XL AS
Rear rims	--	8,5J x 19 LM
Track front [mm]	mm	1610
Width of the Rear track [mm]	mm	1621

#### Performance

Top speed	mph	130
top speed [mph]	mph	-
top speed opt (mph)	mph	150
0-60 mph	s	4.7
Emission classification (type-certified)	--	ULEV II
Battery Capacity (low voltage)	Ah	105
System voltage (low voltage)	V	12
Cx	--	0.36

#### More Information as well as images and video:

<http://www.bmwusanews.com>

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#### 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 340 BMW passenger car and BMW Sports Activity Vehicle centers, 153 BMW motorcycle retailers, 124 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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