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Mitsubishi Motors @ 2015 Geneva International Motor Show

Mitsubishi Motors Corporation (MMC) will unveil the global debut of the *MITSUBISHI Concept XR-PHEV II*^{*1} as well as the European premiere of the *L200*^{*2} pickup truck at the 85th Geneva International Motor Show^{*3} the *MITSUBISHI Concept XR-PHEV II* is a small SUV powered by a new plug-in hybrid EV (PHEV) system. The all-new *L200* is due to go on sale in Europe this summer.

The *MITSUBISHI Concept XR-PHEV II* is a small SUV concept expected to be MMC's second PHEV following the Outlander PHEV launched in January 2013. The new PHEV system presented in the *MITSUBISHI Concept XR-PHEV II* is a lightweight, compact and high-efficiency front-engine/front-drive system ideal for an urban crossover. The system is estimated to achieve very low CO₂ emissions of below 40 g/km, among the lowest of any PHEV, while also delivering gutsy and smooth performance with excellent response with its 163 ps electric motor. The concept model reflects MMC's focus on electric vehicles in its approach to environmental technologies and is currently developing PHEV systems best suited to each model in its lineup with a view to introducing them in the near future.

The *L200* is the European specification version of the all-new Triton/Strada pickup which was launched in Thailand in November last year. While featuring improvements in its functionality and reliability as a work vehicle, it was developed as "The ultimate sport utility truck" and to provide an interior space with comfort levels on par with a passenger model. The diesel version of the *L200* uses a turbocharged 2.4-liter MIVEC diesel engine which complies with European emission regulations. In addition it emits just 169 g/km of CO₂, among the lowest in its class while delivering powerful output with 181 ps (High Power model). Four-wheel drive models employ the Super Select 4WD-II drivetrain from the *Pajero*^{*4} with four selectable drive modes to give the driver the ideal traction for any types of road conditions and outstanding all-terrain performance. The all-new *Triton/L200* pickups are being introduced sequentially over the globe with plans to eventually introduce them into some 150 countries.

*1: XR stands for X (crossover) Runner. A stylish crossover model which nimbly negotiates roads in towns and cities.

*2: *Triton* or *Strada* in some countries.

*3: For more information please visit http://www.salon-auto.ch/site_provisoire/index_en.php (English)

*4: *Montero* or *Shogun* in some countries.



MITSUBISHI Concept XR-PHEV II



New L200

1. MITSUBISHI Concept XR-PHEV II

The *MITSUBISHI Concept XR-PHEV II* is an urban crossover employing a lightweight, compact and high-efficiency front-engine/front-wheel drive PHEV system to achieve superior environmental and road performance.

(1) Exterior

The new *XR-PHEV II* expresses vibrant dynamism with a silhouette reflecting taut muscularity and a body shape that comprises a character line which sharply cuts into its sides and merges together with the protruding rear fenders.

The front face is inherited from the motif seen historically on the *Pajero*. The *XR-PHEV II*'s front face expresses a new "shield" shape to protect people and the car alike by evolving the *Pajero*'s traditional unique "protection" as the bumpers and underneath extended inward and upward respectively.

In addition this front motif is replicated at the rear, featuring a high-mount tail lamp for improved rear visibility.

(2) Interior

The interior expresses fortitude through an aluminum frame that spreads out sideways from the central console which supports the minimalist horizontal instrument panel. It features high contrast in the front part with black-and-silver hues.

The cockpit was made to functionally enhance the driver's focus with controls concentrated in the center console and in the steering wheel.

(3) PHEV system

The new PHEV system is designed for use in front-engine/front-drive models and comprises a MIVEC engine, a new electric motor/generator and a new power drive unit all mounted up front. The new power drive unit comprises a compact and high-efficiency inverter and variable voltage system to achieve high power and high torque. CO₂ emissions reach under 40 g/km when on the move, among the very best in terms of environmental performance for a PHEV. The PHEV system is designed to operate primarily in all-electric mode with the engine acting as a generator or supplying additional motive power when needed. Depending on driving conditions and remaining battery charge, the system automatically switches between all-electric, series hybrid and parallel hybrid modes. By selecting Battery Save or Battery Charge mode, the driver can drive in all-electric mode when they wish to do so. While delivering powerful and sporty performance, the system achieves smooth and elegant motoring with an extremely quiet interior and no transmission shift shock for a further enhancement in driving pleasure.

Basic specifications

L x W x H	4,490mm × 1,890 mm × 1,620 mm
Wheelbase	2,670 mm
Seats	4
Battery capacity	12 kWh
Motor output	120 kW (163 ps)
Drivetrain	2WD
CO ₂ emissions	Below 40 g/km

2. Smartphone Link Display Audio

Due to be introduced in MMC vehicles in Europe in the near future, Mitsubishi Motors' first Smartphone Link Display Audio supporting Android Auto and Apple CarPlay will make its world debut at the 2015 Geneva International Motor Show.

Smartphone Link Display Audio provides excellent user experience by connecting your smartphones to it.

Android Auto^{*5} was designed with safety in mind. With a simple and intuitive interface, integrated steering wheel controls, and powerful new voice actions, it's designed to minimize distraction so you can stay focused on the road.

Apple CarPlay^{*6}, the smarter, safer way to use iPhone* in the car gives drivers an easy and intuitive way to make calls, use Maps, listen to music and access messages with just a touch or a word by activating Siri with the voice control button on the steering wheel.

The Smartphone Link Display Audio will be exhibited in MMC's special booth at the 2015 Geneva International Motor Show.

^{*5}: Android and Android Auto are trademarks of Google, Inc. in the United States and other countries.

^{*6}: Apple, CarPlay, iPhone and Siri are trademarks of Apple Inc., registered in the U.S. and other countries.

3. All-new L200

While featuring improvements in functionality and reliability as a work vehicle, the all-new *L200* was developed as the “ultimate sport utility truck” and to provide an interior space with comfort levels on a par with a passenger model.

(1) Exterior

Crafted from powerful, taut and muscular surfaces and with an edgy character line, the all-new *L200*'s sporty styling oozes a dynamism that evokes the form of a well-honed athlete. It retains the distinctive “J line” separating the cab and cargo bed, giving visual appeal to the spaciousness of the cab while elegantly fusing it with the cargo bed in a manner which enhances its high-quality feel.

(2) Interior

The all-new *L200* features a comfortable interior space which while being sporty in appearance expresses high quality and reassuring safety. Elements contributing to this include the cockpit's sporty color scheme which runs from the instrument panel into the side trim and soft-touch surfaces. .

(3) Engine & transmission

The powertrain uses MMC's 4N15 turbocharged 2.4-liter MIVEC diesel engine which complies with stringent European environmental regulations and is fitted with MMC's Auto Stop & Go idling stop system. On the move, CO₂ emissions are kept to just 169 g/km (6-speed manual transmission models) giving it environmental performance among the best in its class. The engine also uses a variable geometry turbocharger, which allows the effective aspect ratio of the turbine to be altered as conditions change, to generate gutsy torque right from low-end engine speeds and deliver smooth acceleration and virtually lag-free response all the way up to high rpm. This engine gives the *L200* powerful and stress-free performance even when carrying a full load of cargo. Two transmissions are offered: a new 6-speed manual and MMC's 5-speed with Sport Mode and paddle shifting.

(4) Chassis

The *L200* uses the same Super Select 4WD-II drivetrain as the *Pajero* all-round SUV. The 4WD system achieves superior all-terrain performance with the choice of four modes, including 2WD for maximum fuel economy and three 4WD modes to handle different surface conditions.

(5) Comfort

Living space noise levels have been minimized through the strategic placement of sound- and vibration-absorbing as well as damping materials and by increasing body stiffness. The suspension has been optimized to deliver a very smooth ride. The new *L200* retains the 5.9 m turning radius of its predecessor, among the tightest in its class, while the use of a lower steering ratio reduces the amount the wheel has to be turned, making for more responsive steering and better drivability.

(6) Safety

The new *L200* uses MMC's RISE reinforced impact safety body structure and is fitted with seven SRS airbags for improved occupant safety in the event of a crash. Active safety features include Trailer Stability Assist (TSA) which, when pulling a trailer, automatically helps keep it on line in side winds and other times it becomes unstable; and Lane Departure Warning (LDW) which warns the driver when his vehicle is about to drift out of its lane.

Preliminary specifications

L x W x H	5285 mm x 1815 mm x 1780 mm
Wheelbase	3000 mm
Seats	5
Powertrain	Turbocharged 2.4L MIVEC diesel
Drivetrain	Super Select 4WD-II
CO ₂ emissions	169 g/km (6MT) / 189 g/km (5AT)
Output	154 ps (Low Power), 181 ps (High Power)
Torque	380 Nm (Low Power), 430 Nm (High Power)

4. MMC Lineup at Geneva Motor Show

Model	No. on display		Comments
	Press days	Public days	
<i>MITSUBISHI Concept XR-PHEV II</i>	1	1	Concept model. World debut.
<i>L200 (Double Cab)</i>	1	1	Named <i>Triton</i> or <i>Strada</i> in some countries. European debut.
<i>L200 (Double Cab)</i>	1	-	Fully-outfitted version.
<i>Outlander PHEV</i>	1	1	
<i>Outlander PHEV</i>	1	1	2014 Australasian Safari race vehicle
<i>i-MiEV</i>	1	1	
<i>Space Star</i>	-	1	<i>Mirage</i> in other markets.
<i>Attrage</i>	-	1	
<i>Pajero</i>	-	1	<i>Montero</i> or <i>Shogun</i> in some countries.
<i>ASX</i>	-	1	<i>RVR</i> or <i>Outlander Sport</i> in some countries.
<i>Outlander</i>	-	1	
<i>Lancer Sportback</i>	-	1	<i>Galant Fortis Sportback</i> in Japan.
Total	6	11	
