



**UAZ PATRIOT**





## OUR VALUES ARE CLEAR AND SIMPLE

Mean what you say, don't leave anybody behind - these are clear and simple principles, which a real man holds to throughout his life. In the same way we never abandon our principles.

A robust frame, part-time all-wheel drive and low range transfer case are the time-tested solutions for the uncompromising four-wheel-drive vehicle. We just go on manufacturing genuine off-road vehicles.

# SPECIFICATIONS

## ENGINE

Advantages of the ZMZ PRO gasoline engine compared with the previous model:

Power and torque have increased from 135 hp to 150 hp and from 217 Nm to 235 Nm

Torque peak has shifted towards lower speed range - from 3900 rpm to 2650 rpm.

Improved engine cooling system

## ZMZ PRO ENGINE



|                     |                       |
|---------------------|-----------------------|
| Type                | In-line               |
| Fuel                | RON 92/25             |
| Injection system    | Injector              |
| Displacement        | 2693 cm <sup>3</sup>  |
| Power               | 149,6 hp              |
| Number of cylinders | 4                     |
| Number of valves    | 16                    |
| Consumption (MT/AT) | 11,5/9,5 l per 100 km |



## **PUNCH POWERGLIDE 6L50 6-SPEED AUTOMATIC TRANSMISSION GEARBOX**

UAZ Patriot SUV is equipped with PUNCH Powerglide 6L50 automatic transmission. The system represents the Powerglide family of products originally designed by General Motors. Now the gearboxes for Ulyanovsk SUVs, are manufactured by PUNCH Powerglide's Strasbourg factory in the northeast of France.

Powerglide 6L50 is a traditional six-speed automatic transmission with a torque converter clutch and a huge safety factor – maximum power and torque stand at 320 hp and 500 Nm respectively. The gearbox is paired with the updated ZMZ Pro engine with 149.6 horsepower and 235 Newton\*meter of torque.

Powerglide 6L50 transmission is characterized by higher fuel economy. When cruising along the highway at a constant speed of 90 km/h, UAZ Patriot, equipped with AT, consumes 2 litres less fuel than the one with a manual gearbox.



Powerglide 6L50 by PUNCH Powerglide Strasbourg



Manual shift mode implies more accurate control of AT and operation at full engine power and imitates the operation of a manual gearbox with forced consecutive upshifts and downshifts when the lever is moved to the +/- positions.



## DYMOS 5-SPEED MANUAL GEARBOX

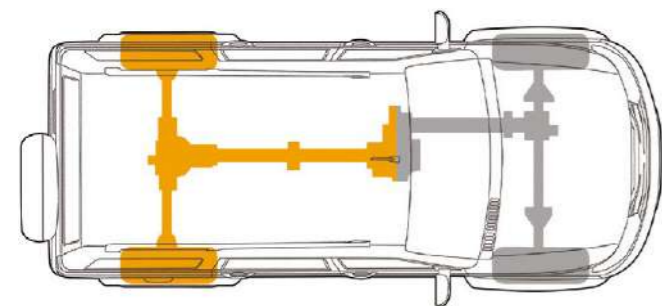
The five-speed manual gearbox has also been upgraded. A team of UAZ engineers has improved the selectivity of the drive and reduced shift travels and lever pressing. The lever itself is now composite and features a damper that improves vibroacoustic comfort. Lower noise levels and reduced background vibration are another benefit of the installation of a new clutch by LUK, with the driven disk augmented with an idle damper. Clutch pedal force is now 20% lower due to the new clutch spring.



# TECHNICAL ADVANTAGES

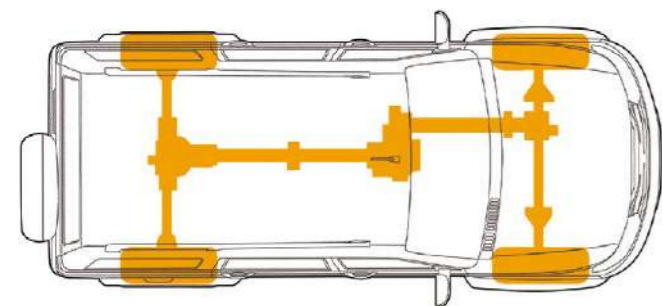
## OFF-ROAD CAPABILITY

UAZ Patriot has maintained all the advantages of a first-class four-wheel-drive off-roader able to reach the most rugged areas of countryside: extraordinary geometric off-road capability, robust frame design, high road clearance and a part-time all-wheel drive system with low gear range. These advantages are supplemented with electronically controlled rear axle differential lock.



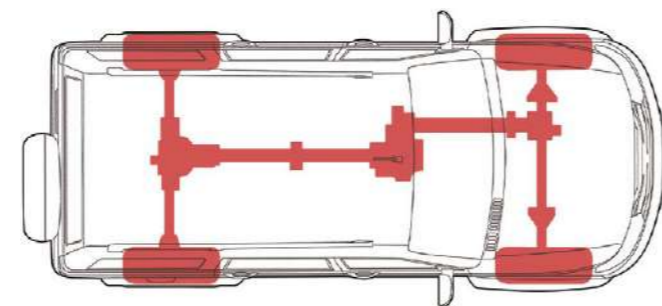
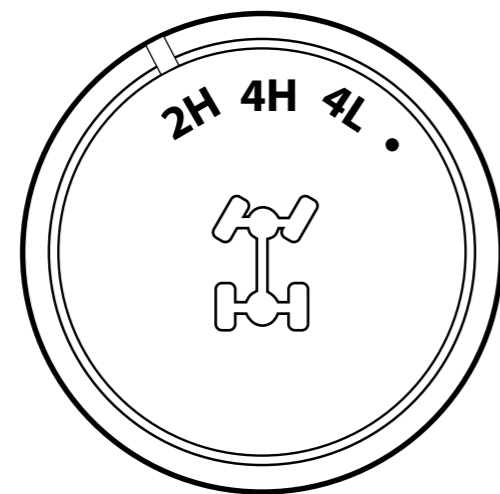
### 2H Rear-wheel drive

Engine torque is transmitted only to the rear wheels which saves fuel when driving on roads



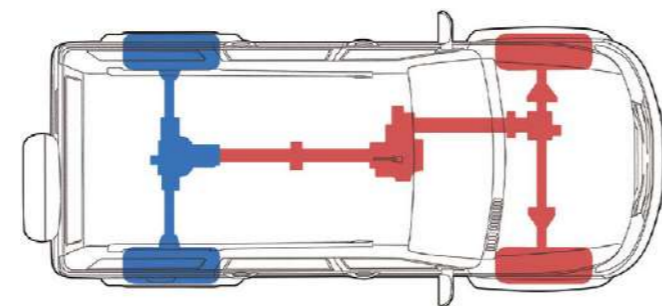
### 4H Four-wheel drive

Part-time all-wheel drive brilliantly manages driving under complicated road and weather conditions



### 4L All-wheel drive and low gear range

2.542 transfer case low gear ratio is ideally suited for driving on the worst rugged terrains



### 4L+ Rear axle differential lock

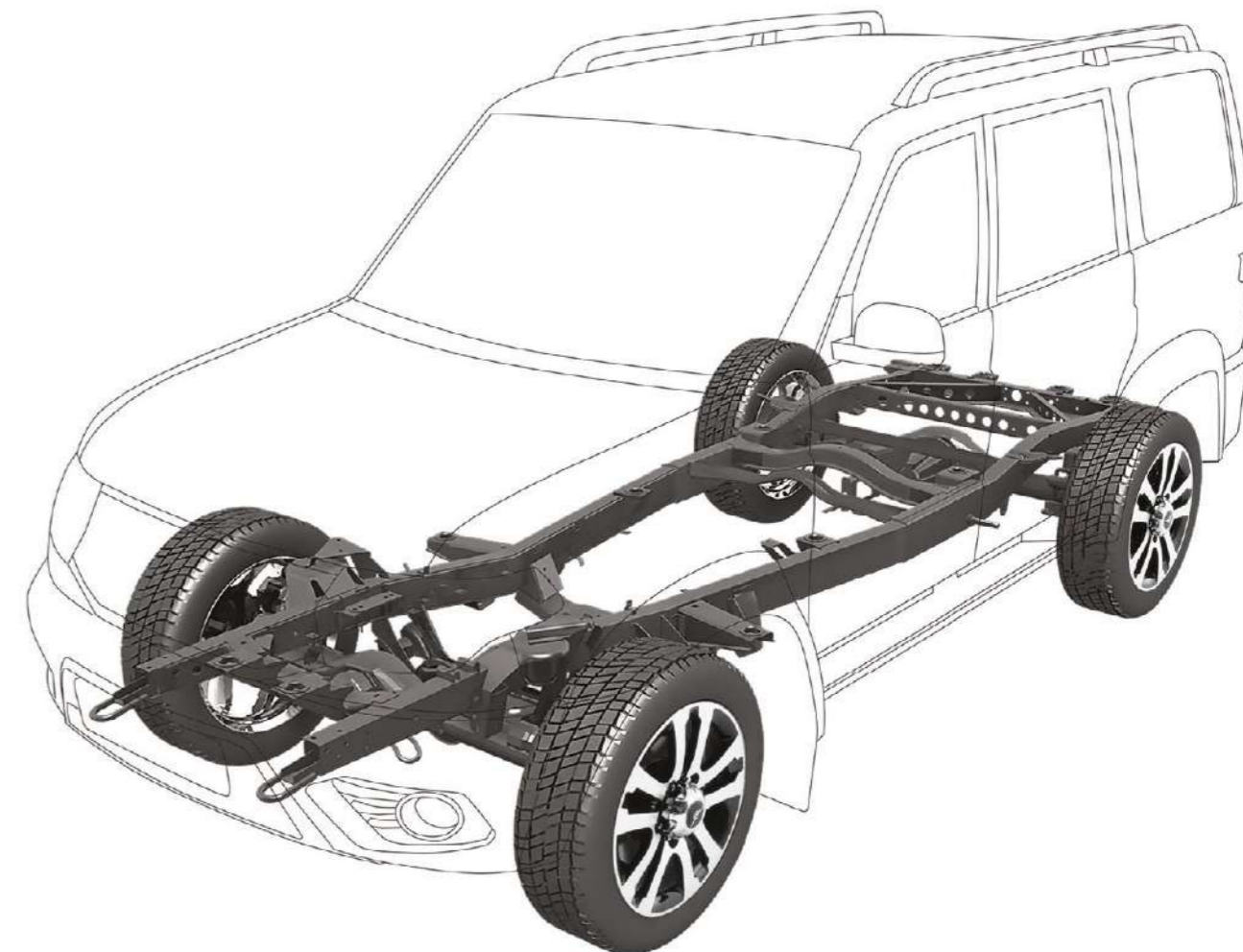
The Eaton rear axle differential lock is designed to maximize off-road performance and is activated with a button in the interior

## FRAME FEATURES

A powerful longitudinal frame protects the body from impacts, as well as from torsional and tensile loads that occur during off-road driving, heavy trailer towing or pulling out a stuck vehicle. This design extends the vehicle life, even under the most severe operating conditions.

## ADVANTAGES:

- 1 Impact protection
- 2 Torsion protection
- 3 Tensile protection
- 4 Balanced load distribution
- 5 Vehicle life extension



# SAFETY

Now UAZ Patriot has state-of-the-art equipment that takes its safety to the next level. UAZ Patriot guarantees reliable protection of your family with front airbags, seat belts with pretensioners and an Isofix system for child seats.



Driver and front passenger airbags



ISOFIX system for child seats



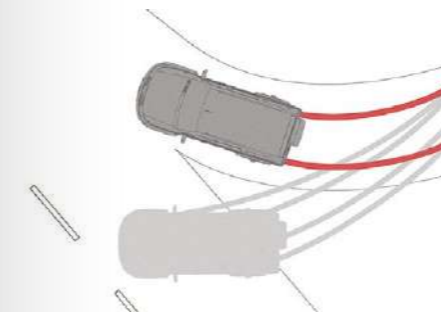
Seat belts with pretensioners, force limiters and height adjusters



Hand grips for comfortable entrance

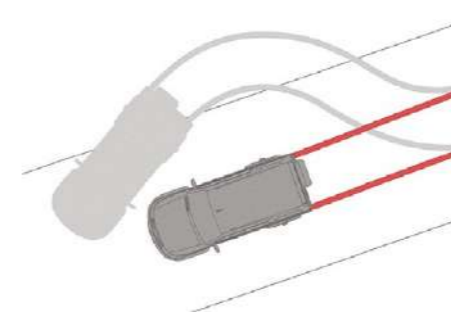
## ACTIVE SAFETY SYSTEMS OF THE NEW UAZ PATRIOT

UAZ Patriot is equipped with the ESP system (in combination with ABS and EBD functions). The ESP system has been installed in UAZ Patriot in cooperation with BOSCH (Germany). The new UAZ Patriot ESP system includes a complete range of active safety features.



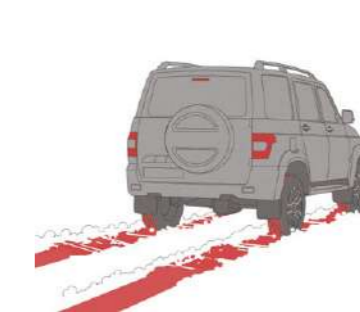
### ESP

improves vehicle stability in situations of increased risk of skidding, side-slipping or rollover. ESP can be deactivated at the push of a button



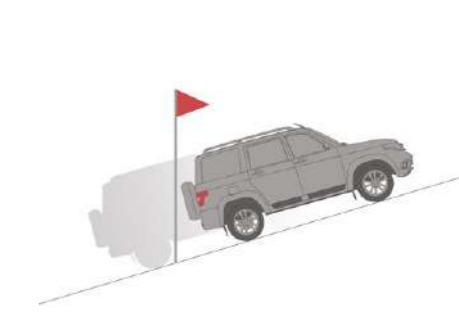
### ABS

prevents wheel locking during braking to maintain stability and handling of the vehicle, and in most cases reduces the braking distance



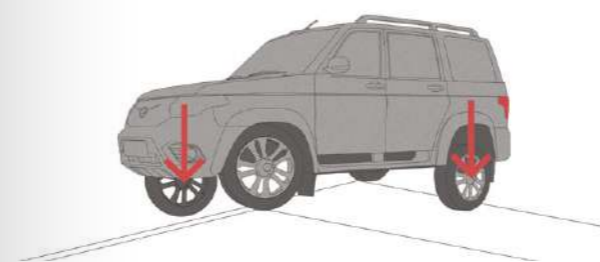
### Off-Road mode

is switched on with a special button on the central console to improve braking efficiency on loose surfaces



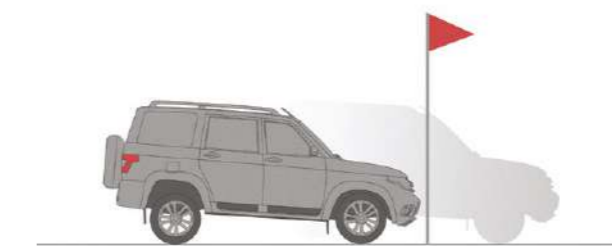
### Hill Hold Control (HHC)

keeps the vehicle at standstill for a few seconds so that the driver has time to move his foot to the accelerator pedal and the vehicle does not roll back



### Traction Control System (TCS)

serves as electronic inter-wheel differential lock and optimizes traction on drive wheels



### Hydraulic Brake Assist (HBA)

is activated during emergency braking to ensure a swift stop upon quick but insufficient pressure on the brake pedal

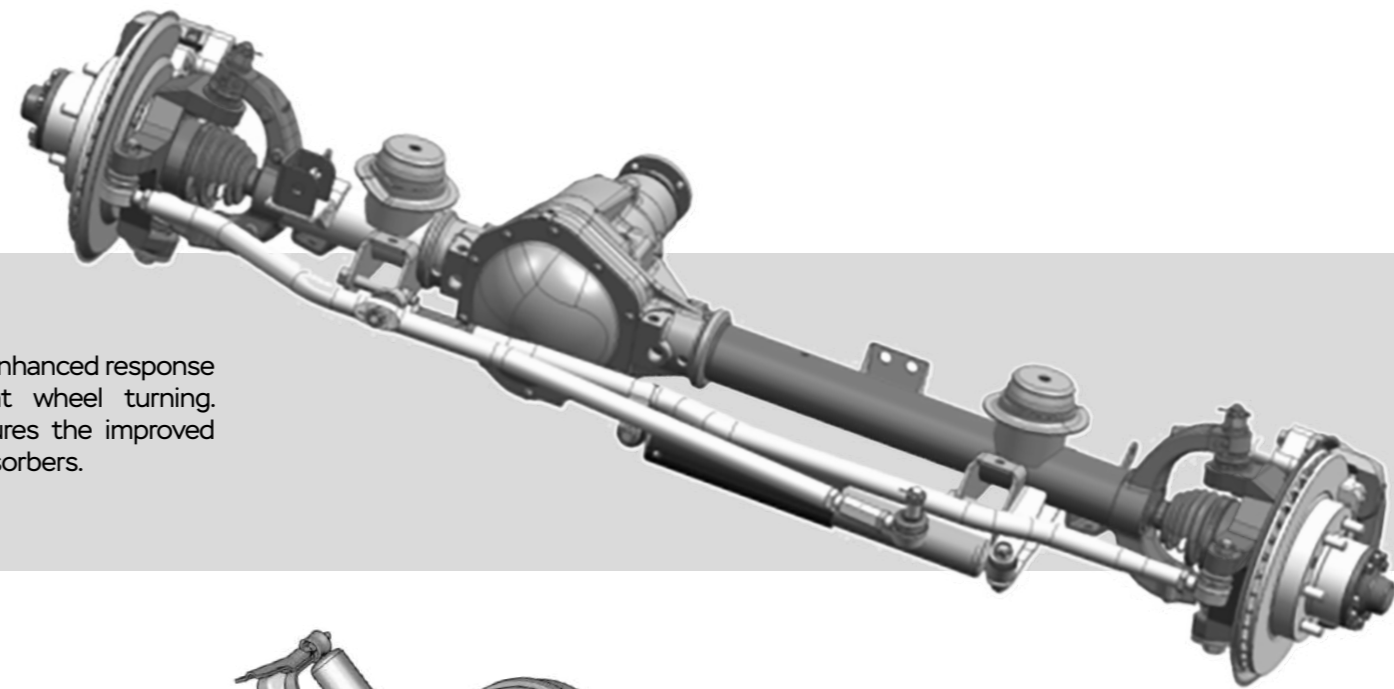


### Cornering Brake Control (CBC)

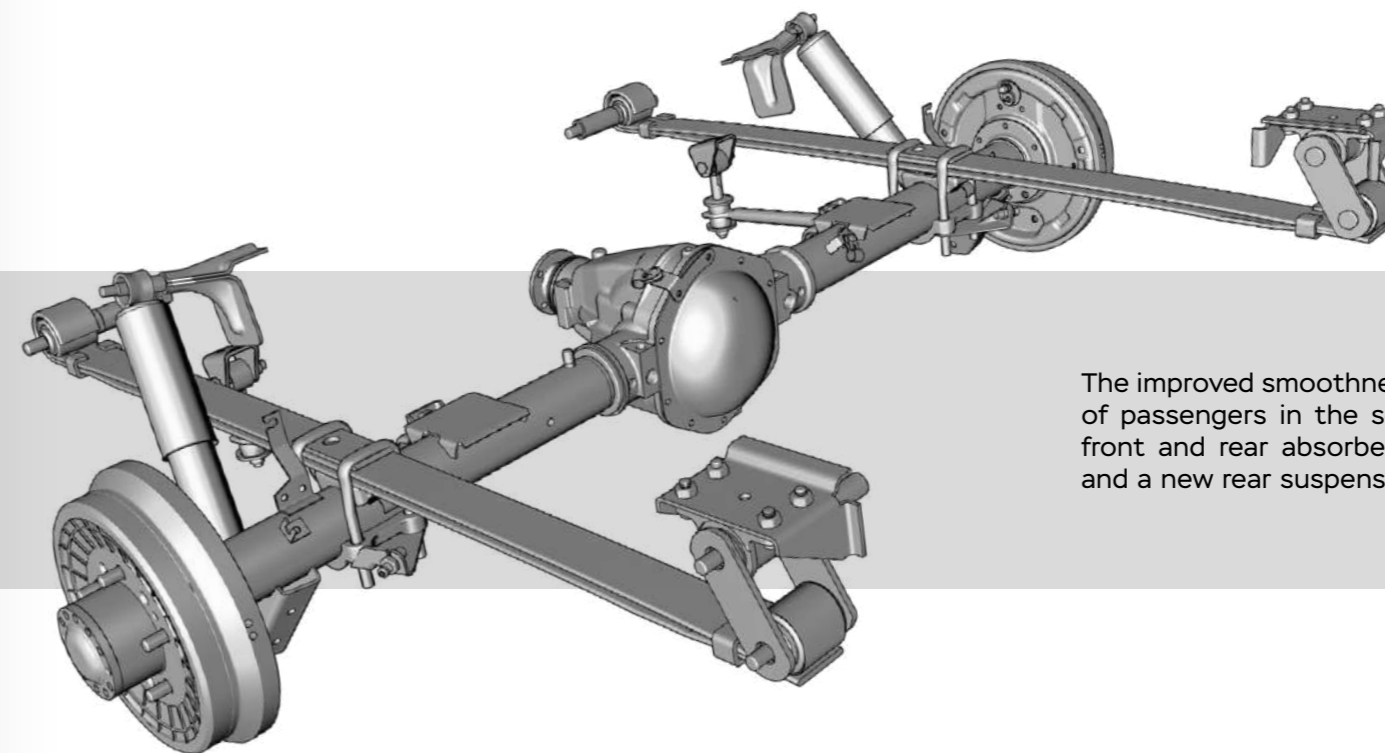
distributes braking forces across the wheels when braking on turns

# SUSPENSION

It is important to be able to take a blow, no matter what obstacles you encounter in your life. UAZ Patriot - with its modified suspension - overcomes any obstacles with ease and unrivaled comfort. Now there's no need to look for a way around problems - just move forward.



Improved steering with a damper ensures enhanced response precision and minimum wheel plays at wheel turning. The updated front suspension now features the improved front stabilizer and higher performance absorbers.



The improved smoothness of ride and enhanced comfort of passengers in the second row are provided by new front and rear absorbers, softer non-multi-leaf springs and a new rear suspension stabilizer.



**IMPROVED  
ERGONOMICS  
AND COMFORT**





# IMPROVED ERGONOMICS AND COMFORT



# INTERIOR COMFORT

Everyone will appreciate the new UAZ Pickup interior with its leather-wrapped steering wheel as the key element. The steering wheel now features the main controls to improve driving comfort and safety. The vehicle is also equipped with new under-steering wheel switches of expanded functionality and modern design.



Driver seat with height adjustment



Multifunction steering wheel with cruise control, speed limiter, multimedia system and loudspeaker system controls



The new UAZ Patriot steering wheel can be adjusted both by tilt angle and height



Cooled glove box with USB port



Second row seats armrest with two spacious cup holders



Seats with combined upholstery of an improved design with longitudinal adjustment and heating, height adjustment

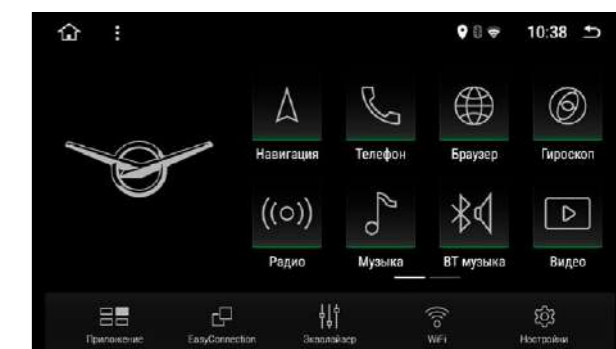
UAZ Pickup is equipped with a modern multimedia system with a 7" color touch screen, built-in navigation and maps. With the precise navigation system of UAZ Patriot you will always stay on the correct route and reach the very best beauty spots. And while traveling, the multimedia system will allow you to get into the right mood by enjoying your music via USB, SD or Bluetooth.



Display of transmission operation modes



Gyroscope



New Main Menu

# DRIVING CONFIDENCE

UAZ Patriot has become a more comfortable ride thanks to the readjusted suspension and improved steering with damper. And a new front axle with a modified angle of knuckle pins and open steering knuckles has significantly reduced the turning circle.



To ensure safe parking, the new UAZ Patriot is equipped with front and rear parking sensors. The rear-view camera guiding lines have become dynamic. The new UAZ Patriot state-of-the-art system ensures easy parking in tight spaces.



When reversing, a color display shows the view from the rear camera with dynamic guiding lines, and front and rear parking sensor signals



Front fog lights and switchable front parking sensors



Rear parking sensors on the bumper and rear-view camera in the tailgate handle



Cruise control system

# SPACIOUS LUGGAGE COMPARTMENT



Really spacious luggage compartment  
(volume to roof 1130 l)



Folding rear seats  
(60:40 ratio)



Luggage compartment shutter  
(volume to shutter 650 l)

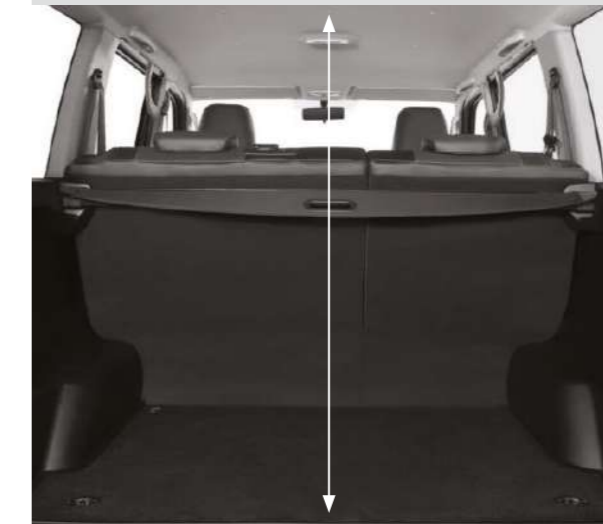


With rear seats fully folded  
(volume 2415 l)

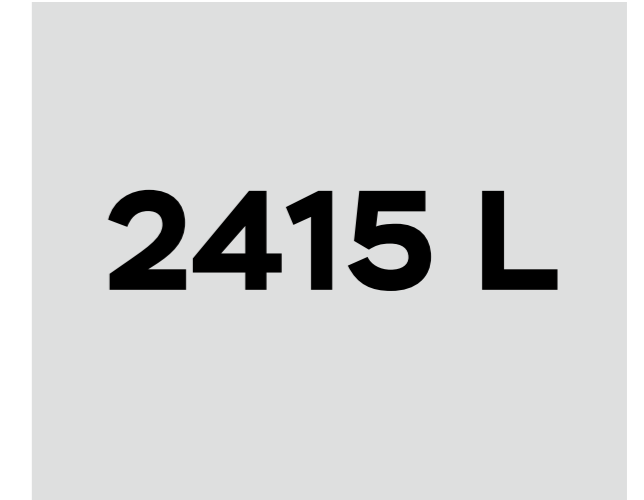
# A LOT OF SPACE



To the shutter



To the roof



With rear seats folded

# WE HAVE MOMENTS TO REMEMBER

WE KNOW OUR ADVANTAGES

It is always great to get out on the road. It may not have been planned, but sometimes the craving for exploration and adventure takes hold of us. Thermos bottle with hot tea, jacket, boots and in two minutes you are ready for adventures. Can I pass here or not? Leave all your doubts aside. The very first step is all you need.



# EXPEDITION PACKAGE FOR TRAVELLING

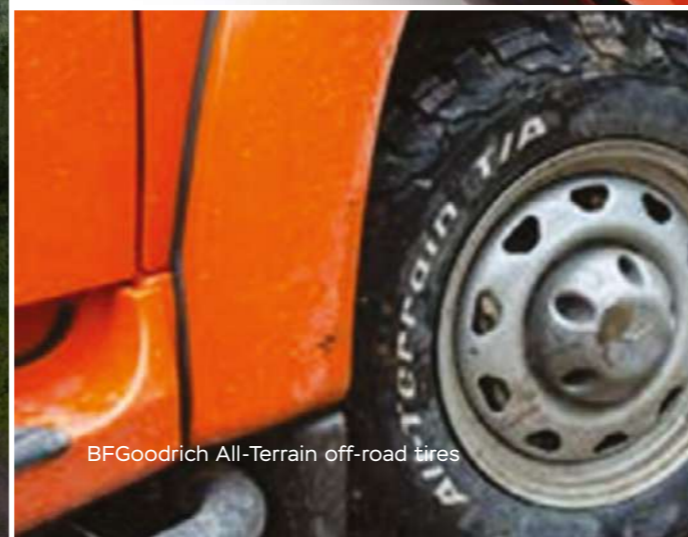
The expedition equipment package includes an expedition roof rack, a rear door ladder, towing coupling, sill protection, a rear-axle differential lock, an additional cabin heater, an off-Road package (winch, protection for winch and steering rods), a multimedia system, BFGoodrich All-Terrain tires.



Expedition roof rack and ladder to the roof



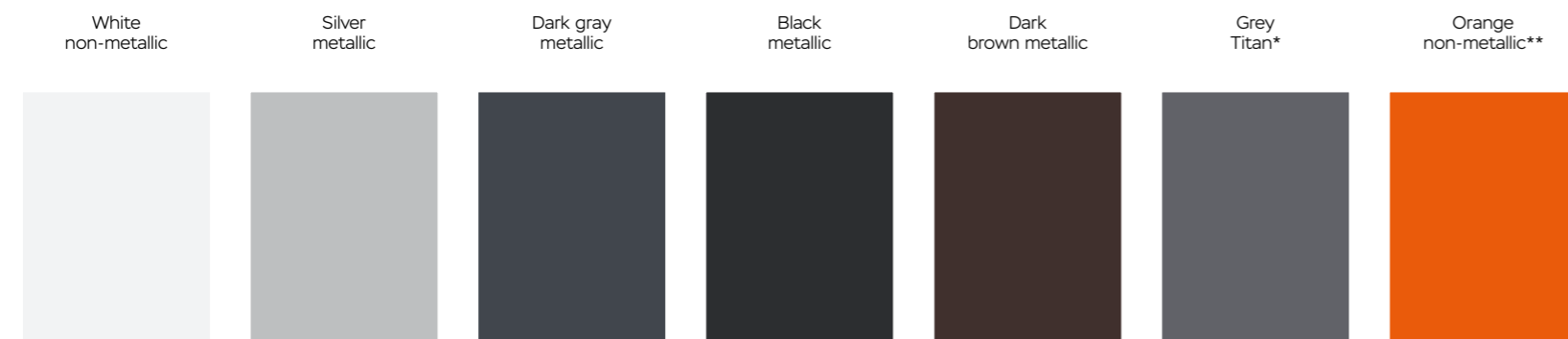
Sill protection



BFGoodrich All-Terrain off-road tires

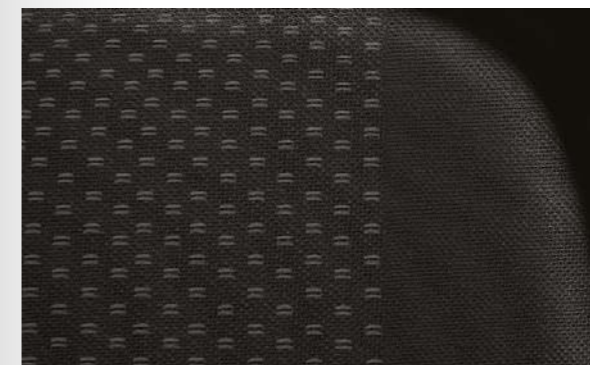


# COLORS

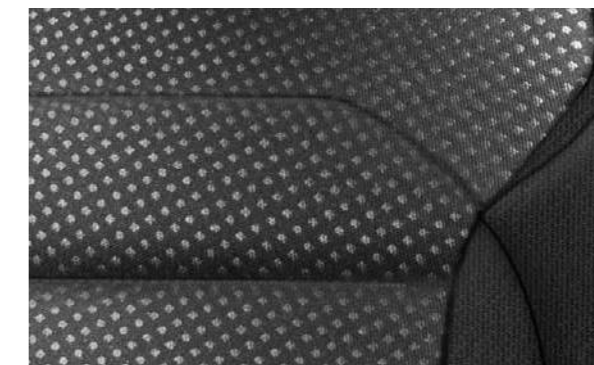


\*For cars with AT only. \*\*Only for expedition equipment package.

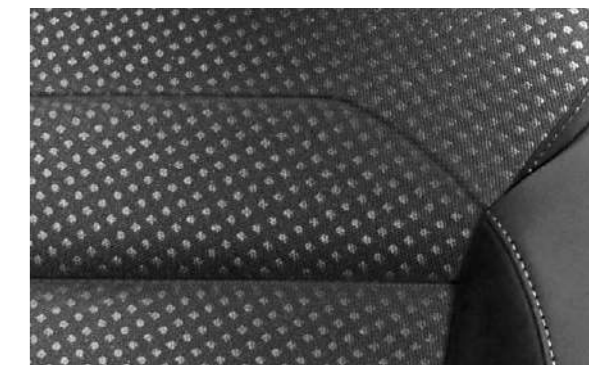
# TYPES OF UPHOLSTERY AND WHEEL RIMS



Dark fabric



Dark fabric  
(chairs with reinforced side support)



Combined fabric/leather  
(chairs with reinforced side support)



16-inch  
Steel rims



16-inch  
Alloy rims  
«Kalahari»



16-inch  
Alloy rims  
«Tor»



16-inch  
Alloy rims  
«Football»



18-inch  
Alloy rims  
«Sahara»



18-inch  
Alloy rims  
«Kalahari»

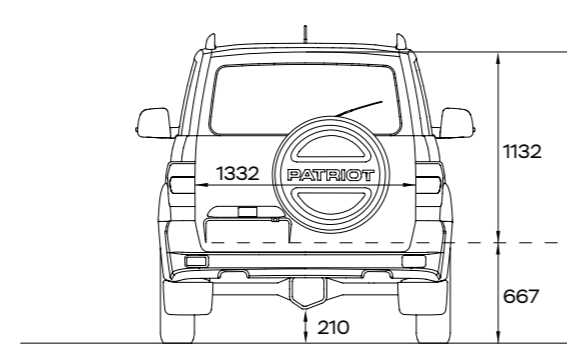
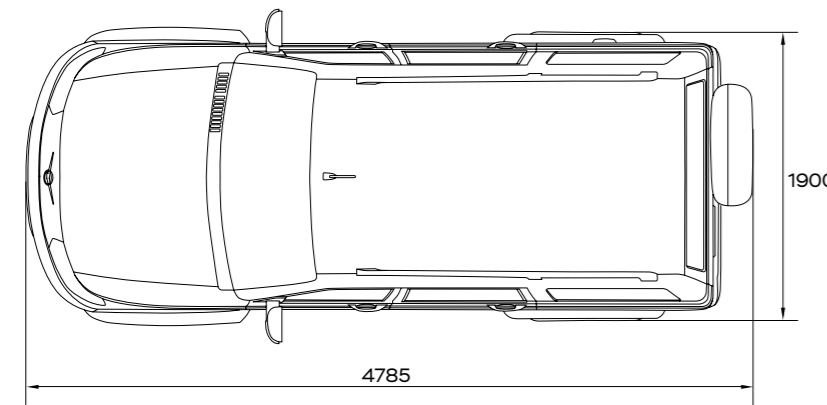
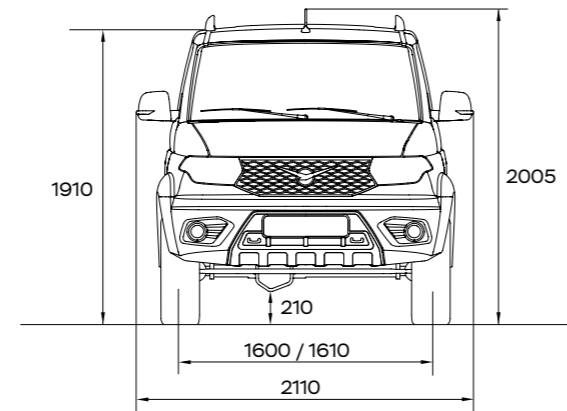
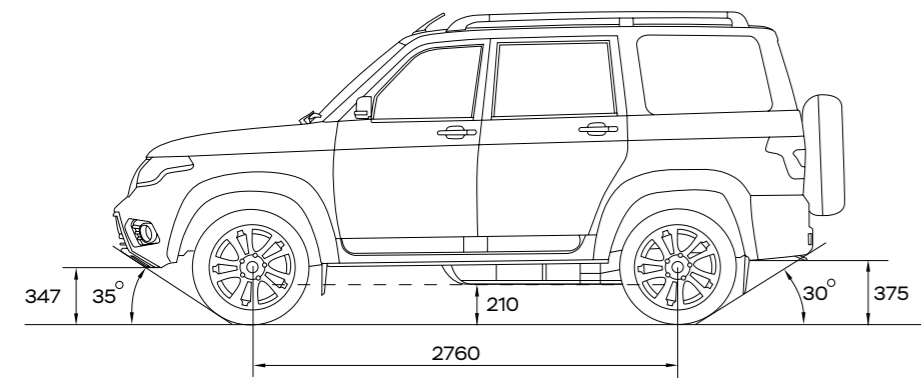


18-inch  
Alloy rims  
«Karu»



18-inch  
Alloy rims  
«Tanami»

# DIMENSIONS



# SPECIFICATIONS

| UAZ PATRIOT  |                                  |
|--|----------------------------------|
| Vehicle model  | 3163                             |
| Vehicle type   | Off-road vehicle (station wagon) |
| Seating capacity, pers   | 4+1                              |
| Curb weight, gasoline, kg  | 2000...2125                      |
| Gross weight, gasoline, kg   | 2540...2650                      |
| Payload, kg  | 390...540                        |
| Max. front axle load, kg   | 1090...1230                      |
| Max. rear axle load, kg  | 1310...1450                      |
| Max. trailer capacity (braked), kg   | 1500                             |
| Max. trailer capacity (unbraked), kg   | 750                              |
| Length (without/with spare wheel container), mm                                      | 4750/4785                        |
| Width (without/with mirrors), mm   | 1900/2110                        |
| Height (without/with antenna), mm  | 1910/2005/<br>2150±20            |
| Wheelbase, mm  | 2760                             |
| Front track, mm  | 1600/1610                        |
| Rear track, mm   | 1600/1610                        |
| Luggage compartment capacity VDA, (to shutter / to roof / with rear seats folded), l | 650/1130/2415                    |

| ENGINE                              |  |
|-------------------------------------|--|
| Model                               | ZMZ - 409051<br>Four-stroke. Gasoline. |
| Number of cylinders and arrangement | 4, in-line                             |
| Displacement, cm³                   | 2693                                   |
| Maximum output, kW (hp)             | 110 (149,6) at 5000 rpm                |
| Maximum torque, Nm                  | 235.4 at 2650 rpm                      |
| Fuel                                | 92/95 gasoline                         |

| TRANSMISSION         |   |                                 |
|----------------------|---|---------------------------------|
| Gearbox              | 5-speed manual                                | 6-speed automatic               |
| Transfer gearbox     | Manual, 2-speed, direct-drive and underdriven |                                 |
|                      | Single-lever control                          | Electromechanical drive control |
| Reduction gear ratio | 1,940   | 2,480 / 2,542                   |
| Type of drive        | Part time 4WD                                 |                                 |

| CHASSIS                                      |  |
|--|--|
| Front suspension                             | Dependent, spring with antisway bar                    |
| Rear suspension                              | Dependent, on two leaf springs, with antisway bar      |
| Steering gear                                | Hydraulic power steering                               |
| Service brakes type (front axle / rear axle) | With ventilated disc mechanisms / with drum mechanisms |
| Wheel discs                                  | 6.5JX16 · 7JX16 · 7JX18                                |
| Tires  | 225/75R16 · 235/70R16<br>245/70R16 · 245/60R18         |

| SPECIFICATIONS   |          |
|--|----------|
| Fuel tank capacity, l  | 68       |
| Fuel consumption at driving with constant 90 km/h speed, gasoline, l | 11,5/9,5 |
| Max. speed, gasoline, km/h   | 150      |
| Approach angle / departure angle, deg.                               | 35/30    |
| Min. road clearance, mm  | 210      |
| Turning circle along the front outer wheel axis, m                   | 5.62     |





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