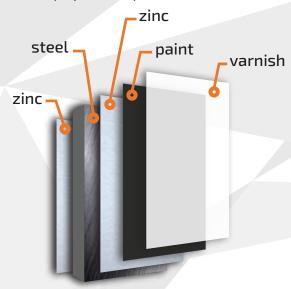


Steel skid plate is covered by special zinc-polymer composite ZiPoFlex®



durable aluminium ®

# Strong alloy ALuOX



Exclusive 3mm thick aluminium alloy. The impressive strength and incredible lightness of this material brings a whole new level of functionality.





# **ALUMINUM AND STEEL SKID PLATES**

# RELIEBLE PROTECTION OF THE CAR ENGINE COMPARTMENT

#### **ENERGY ABSORBING BEAMS**

The basis of the system OFF-Energy is the energy-absorbing beam able to tame any strength. The construction with the specially provided ability to deform is always ready to take impact energy in case of running over and obstacle or a car accident. In some models, the width of the beam equals 8 mm.

#### RESILIENCE SYSTEM () BOUNCE

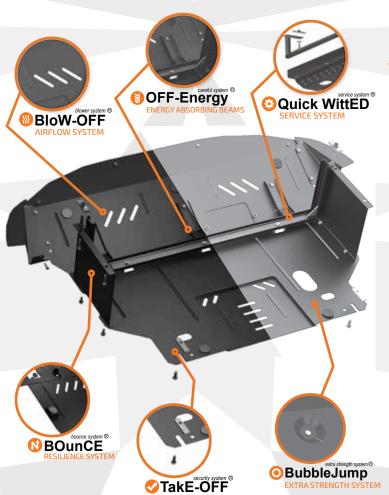
Special elements of cupping operation assure additional rigidity where the steel skid plate can be possibly damaged while running over an obstacle.

#### **SAFETY SYSTEM**

Due to the innovative system Take-OFF
we solved the issue of the unobstructed
emergency engine movement in the
accident. Nothing will prevent the car
components form performing their
functions of energy absorption in the
event of a vehicle crash. The steel skid
plate is released from its holders when
the load-bearing elements of
the car body are deformed.

# Kolchuga® sets new standards of safety and reliability

In order to create perfect protection for the engine, we used the most revolutionary technologies and patents, thoroughly thought everything over and implemented it in steel.



## SERVICE SYSTEM @Quick WittED

The use of Quick WittED system allows for routine maintenance, including oil change and filters, without removing the steel skid plate completely but only the part where maintenance is to be done.

### AIRFLOW SYSTEM BIoW-OFF

To prevent engine and gearbox overheating, in the front part of the steel skid plate, we placed special blocks of rents to assure necessary airflow for heat elimination. While the car is moving, the air is going through the rents, absorbs heat and efficiently eliminates it.

### STIFFENING ELEMENTS BubbleJump BubbleJump

Oval-shaped elements with holes located throughout the protection area. Provide moisture drainage and protection against dust and dirt, have increased rigidity, resistance to mechanical stress, reliability and durability.

