

Engine bay and transmission elements skid plate has been designed and manufactured by LLC Metalloproduksia. Product conforms to TOR 4591-001-25888788-2006 requirements. Product design is protected by model copyright certificates №89059, 15980, 15981, 15982, 15983. Patented in Russian Federation.

**APPLICATION:**

Protection of engine bay and transmission elements from mechanical deformation.  
Protection of engine bay and transmission elements from dust and damp.

**INSTALLATION:**

Engine bay and transmission elements skid plate has been designed particularly for a certain vehicle. It should be mounted according to the producer's installation instruction by a dedicated dealer or on certified service stations. The skid plate is fixed to regular apertures located on vehicle's body load-bearing elements. In case of correct installation the skid plate should not interfere with any vehicle's units and components.

**INSTALLATION MANUAL:**

1. Disassemble the skid plate to component parts.
2. Fasten the towing lug of the skid plate to the radiator's beam using the small straps and nuts (A).
3. Fasten the front part of the skid plate to the already mounted towing lug M 10x20 bolts (B); and to the engine support with M 8x30 bolts and nuts (C).
4. Fasten the main part of the skid plate to the already mounted parts, and in the rear to the apertures on the front axle beam using the big straps and M 10x20 bolts (D), (E).
5. Tighten all screw joints.

**OPERATING CONDITIONS:**

Engine bay and transmission elements skid plate has been designed to operate in conditions specified by vehicle's producer. Cases of crush or driving into obstacles at a speed should be excluded during exploitation. In case of head-on crush it is necessary to assure in absence of damages of vehicle's components and units and availability of roadworthiness on certified service stations.

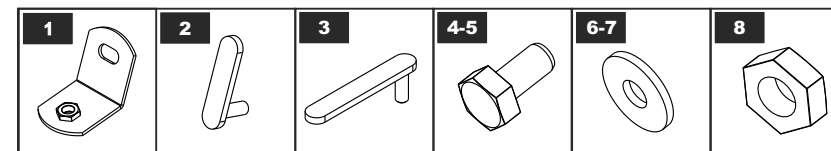
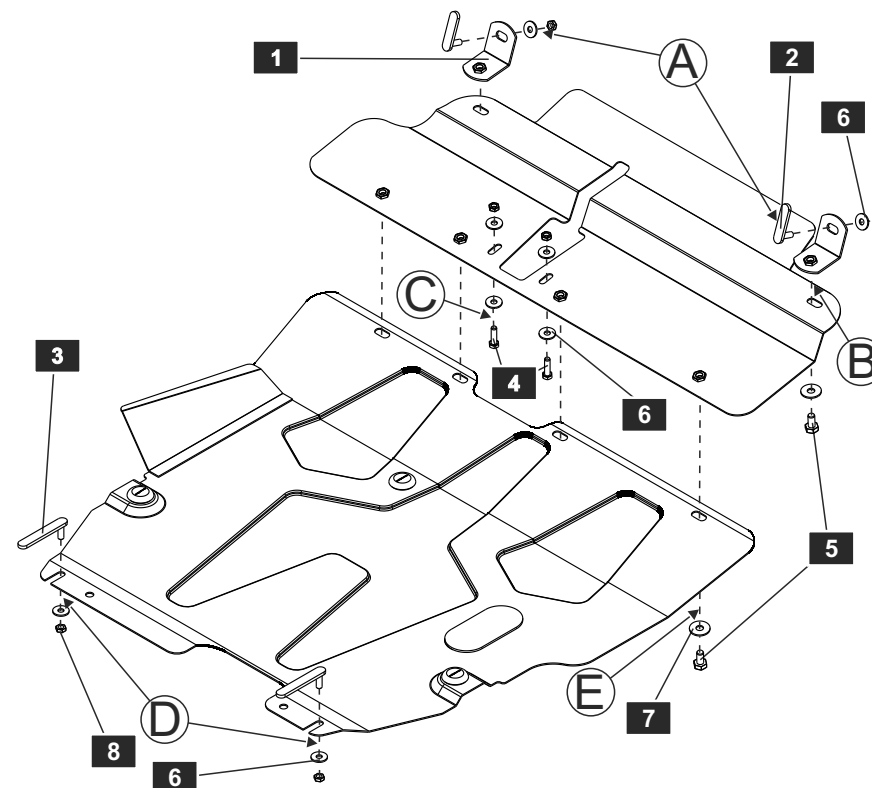
**WARRANTY:**

Warranty period - 24 months.

**WARRANTY TERMS:**

The skid plate should be installed on a vehicle with undamaged body and load-bearing elements (vehicle, which had never been involved in road traffic accident);  
There are no mechanical damages of the skid plate resulting from head-on crush. All requirements to skid plate installation should be satisfied;  
There are no mechanical damages of powder coating.  
Producer does not bear liability for damages caused to the vehicle, health and life of people in case of installation and exploitation terms violation. Producer has a right to introduce changes into the skid plate construction.

 The Quality Management System of LLC Metalloproduksia has been audited by Bureau Veritas Certification and conforms to requirements of the ISO 9001:2008 standard.



**LIST OF PARTS**

NO.	NAME	QTY.	NO.	NAME	QTY.
1	Towing lug	2	5	Bolt M 10x20	6
2	Small strap	2	6	Washer 8	8
3	Big strap	2	7	Washer 10	6
4	Bolt M 8x30	2	8	Nut M8	6

Thread	M6x1.0	M8x1.25	M10x1.5	M12x1.75
Tightening torque	9.8 Nm	24.0 Nm	47.0 Nm	81.0 Nm