



METALLOPRODUKTSIA

Installation manual

Model: BMW X5

Skid plate for: engine bay

Article: 03.1743 V

Body type: E70; F15

Years: 2007 -

Engine type: 3.0D ; 3.0SI ; 4.8

Engine bay and transmission elements skid plate has been designed and manufactured by LLC Metalloproduktzia. 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. Remove OE plastic duster.
2. Unscrew two rear bolts of OE skid plate's fastening and install skid plate's beam "A" under these points. Install bolts on its places and tighten them.
3. Fix brackets "2" to the fubframe's front part.
4. Put OE duster to fastening points and mark points under apertures for fixing skid plates to brackets "2".
5. To drill apertures in duster, then mount it on the place.
6. Fix skid plate's front part to the mounted brackets throught the duster.
7. Additionally fix the skid plate to the subframe's OE points.
8. Tighten all screw joints.

OPERATING CONDITIONS:

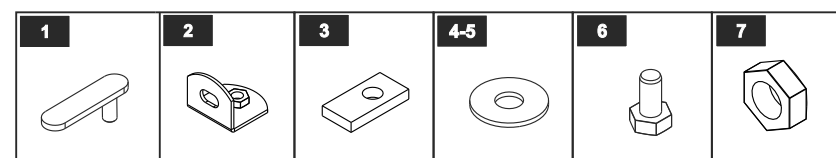
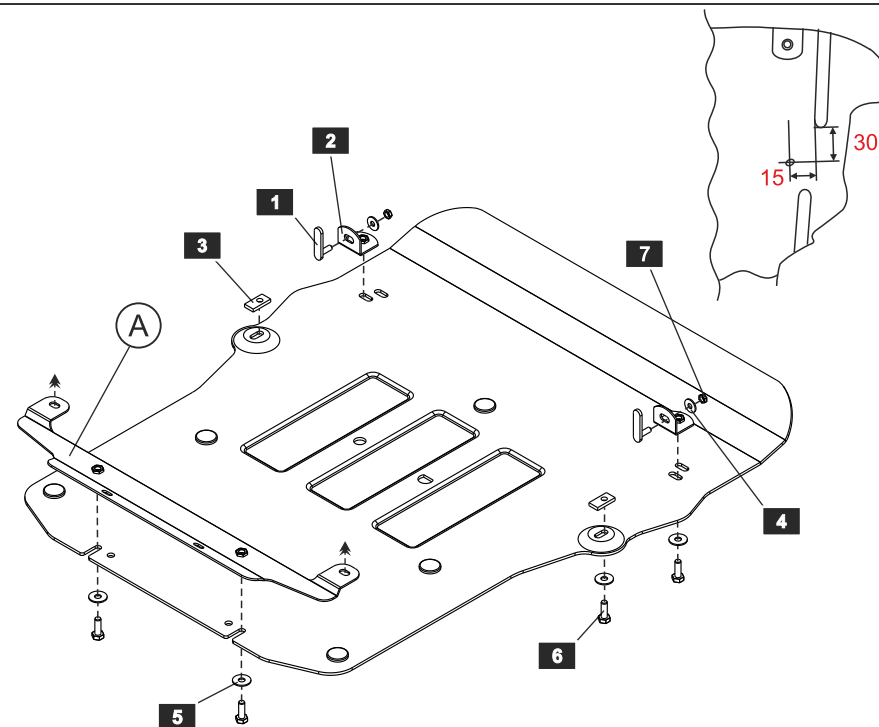
Engine bay and transmission elements skid plate has been designed to operate in conditions specified by vehicle's producer. Cases of crush or driving into obstacles at a speed should be excluded during exploitation. In case of head-on crush it is necessary to assure in absence of damages of vehicle's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



LIST OF PARTS

NO.	NAME	QTY.	NO.	NAME	QTY.
1	Threaded insert	2	5	Washer 10	6
2	Bracket	2	6	Bolt M10x30	6
3	Threaded insert	2	7	Nut M8	2
4	Washer 8	2	8		

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