



METALLOPRODUKTSIA

Installation manual

Model: Mercedes-Benz Vito (115D)

Skid plate for: engine bay and transmission case

Article: 13.0821

Body type: W639

Years: 2003 - 2007

Engine type: 2,2D

Engine bay and transmission elements skid plate has been designed and manufactured by LLC Metalloproduktsia. 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:

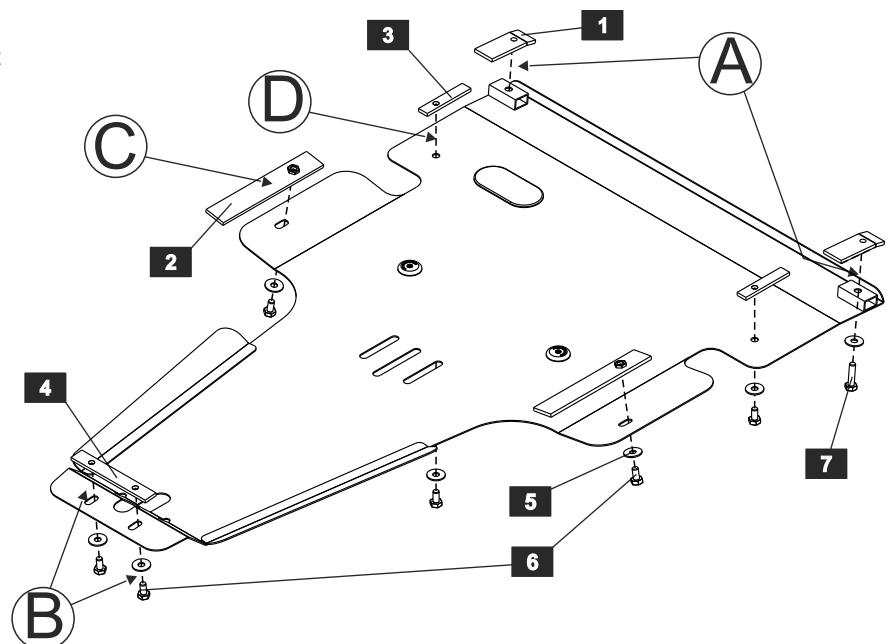
Protection of engine bay and transmission elements from mechanical deformation.
Protection of engine bay and transmission elements from dust and damp.

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. Fix the long end of threaded inserts (A) into bumper's beam.
3. Fix the threaded insert (B) into bearing beam of transmission case .
4. Fix the threaded inserts (C) between the lever's bearings.
5. Fasten the skid plate to the threaded insert(A) with M10x40 bolts.
6. Fasten the rear part of skid plate to the threaded insert (B) with M10x20 bolts.
7. Fasten the center to threaded inserts (C) with the M10x20 bolts.
8. Fasten the skid plate in (D) point with M10x20 bolts and threaded inserts SD 3004.
9. 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.

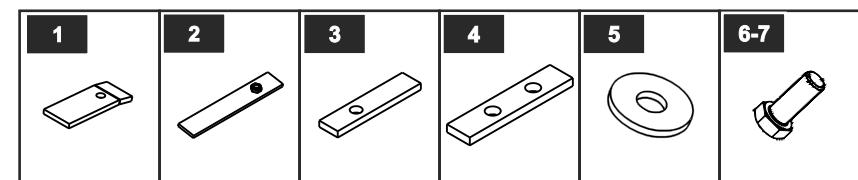
WARRANTY TERMS:

The skid plate should be installed on a vehicle with undamaged body and load-bearing elements (vehicle, which hads 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	8
2	Threaded insert	2	6	Bolt M10x20	6
3	SD 3004	2	7	Bolt M10x40	2
4	Threaded insert	1	8		

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