

Installation manual

Body type: J9

Model: TOYOTA Land Cruiser 90

Years: 1996 - 2001

Skid plate for: steering rods and engine bay

Engine type: 3,0 TD; 3,0 D-4D; 3,4i AT

Article: 24.0867/24.1311

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

APPLICATION:

Protection of engine bay and transmission elements from mechanical deformation.

certificates №89059, 15980, 15981, 15982, 15983, Patented in Russian Federation.

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 regular dust guard.
- 2. Disassemble the skid plate to component parts.
- 3. Fix corbels to the beam located in front of the radiator with bolts M8x20 -(A).
- 4. Fix the rear part of the skid plate to regular apertures in the car body (B).
- 5. Fix the front part of the skid plate to mounted elements in points (C) and (D).
- 6. 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.

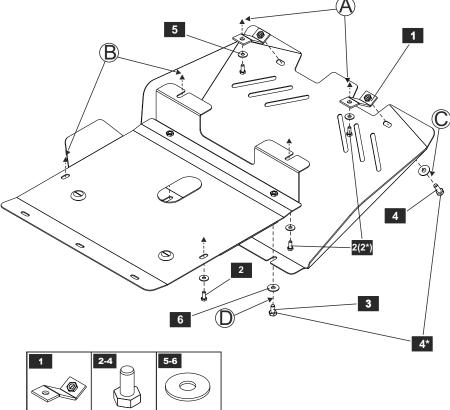
WARRANTY TERMS:

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.
1	Corbel	2
2(2*)	Bolt M8x20	6(4*)
3	Bolt M10x20	2(0*)
4(4*)	Bolt M10x30	2(4*)
5	Washer 8	6(4*)
6	Washer 10	4

*-for 1311

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