

Self-assembly instructions for mud flaps.

Necessary tools: lever or car jack, wheel spanner, wheel locking chocks, drill, 3 mm drill bit, screwdriver.

Step one: Set up the vehicle in a safe place and secure it from being moved during the work

⚠ Caution: Before installing the mud flap, you should wear protective goggles and gloves. It is also advisable to wear protective clothing. Work safety rules and caution should be followed during assembly operations due to the necessity to use workshop tools and assembly parts.

To install the mud flaps, it is best to position the vehicle in an area with a hardened asphalt or concrete surface.

Once the vehicle is positioned, apply the handbrake and engage first gear. On automatic transmissions, place the jack in the P position.

While removing the wheel, it is recommended to secure the second wheel on the same axle by locking it. It is best to use special chocks for this.

Step two: Loosen the bolts in the wheel over which the mud flap will be installed

After the car is secured, loosen the bolts in the wheel over which the mud flap will be installed. This will make it easier to loosen them completely when you lift the car with a lever (jack). After placing the spanner on the bolt, press down on the arm of the spanner enough for the bolt to 'release'.

To remove the bolts, make a counterclockwise movement, i.e. to the left.

Step three: Lift the car using the lever (jack)

Once the bolts are loosened, you can use the jack to raise the vehicle. Place the upper part of the lever (jack) in the designated, reinforced position of the car sill.

⚠ Caution: Always monitor the stability of the vehicle and the lever (jack) when raising the vehicle. If you notice that the lever (jack) is moving, be sure to lower the car and correct its position.

Step four: Remove the screws and the wheel


Once the wheel is elevated, you can remove the bolts. This should not be a problem at all, as they have been loosened beforehand. Remember not to put the bolts down on the ground. Dust and sand particles will stick to them and may press into the thread gaps.

Once the bolts have been removed, take the wheel and tyre off the hub. Put the wheel under the suspension arm. This will provide extra security in case the jack slips out - the vehicle will rest on it instead of hitting the ground.


Next, slightly lower the car to level it, to make it easier to fit the mud flap (the lower edge of the mud flap should be parallel to the ground after installation).

Step five: Install the mud flaps


Place and align the mud flap in the recess of the rear wheel on the wing lip on the front door side in the case of front mud flaps or on the rear bumper lip in the case of rear mud flaps. The lower edge of the mud flap should be parallel to the ground.

 **Caution:** While placing, adjusting and installing the mud flap in the car wheel recess, the car may slip off the lever (jack). Please make sure that the car and jack are fully stable before attempting to do so.

Once the mud flap is aligned, drill a 3mm hole at the top and, using a screwdriver, attach the mud flap with a sheet metal screw. Do the same with the other sheet metal screws. Once again, make sure it is properly installed.

 **Caution:** Mud flaps should be stable and not able to dislocate easily.

Step six: Install the wheel and tighten the screws


 **Caution:** As the wheel is placed and adjusted in the car's wheel recess, the car may slip off the lever (jack). Once again make sure that the car and lever (jack) are fully stable before attempting to do so, and take extra care.

Slightly raise the car for easy wheel installation on the hub. Place the previously removed wheel on the hub, aligning the mounting holes with those on the rim. Then screw in the screws you removed earlier - this time in a clockwise direction.

The screws should be installed opposite each other. After installing the first one, install the next screw in the hole opposite, not next to it. Repeat this with the next screws. When all the screws are holding the wheel, it is a good idea to tighten each one a little more. Continue to do this opposite.

Step seven: Lower the vehicle and make sure the wheel is properly secured

Finally, lower the vehicle. When the installed wheel is back on the ground, once again check the tightness of the screws - counter-clockwise, of course. However, after driving a few kilometres, stop and make sure the bolts are holding the wheel securely.

 **Caution:** It is recommended to tighten the screws with a torque spanner with the so-called tightening torque set correctly and in accordance with the car manufacturer's requirements.