

LOKI-TESLA.COM

LOKI



**DIAGNOSTIC, MAINTENANCE AND REPAIR SCANNER
FOR TESLA**

Why is the maintenance and repair of Tesla a separate line of work for a service station?



Tesla **can not be diagnosed with a multi-brand scanner** because there is no OBD2 slot for its connection.



Vehicle is highly computerized - the huge number of parts **require periodic calibration**, and with the replacement of software using reflashing. To solve these problems, you need special equipment that is available to use only with Tesla.



There are many differences between vehicles of the same model but different years of manufacture. For example, releases first used NVIDIA Tegra processors, then used Intel, and now - AMD. All this must be taken into account when diagnosing and maintaining.



Tesla's company adds complications. **It constantly changes the software** of vehicles it is necessary to search periodically for new approaches to diagnostics.



How profitable is it to provide maintenance and repair services for Tesla?

Average service cost

Service	Tesla model		
	Model S	Model X	Model 3
Config	\$200	\$200	\$300
Performance M3 Dual Motor 980 activation			\$1 300
Removing Valet Mode	\$100	\$100	\$100
Calibration windows	\$150	\$150	\$200
Key pairing	\$200	\$1 800	\$200
Removing crash data errors + redeploy	\$580	\$580	\$600
SIM card installation and APN registration	\$150	\$150	\$300
Activating and configuring navigation	\$400	\$400	\$450
CHAdEMO activation	\$150	\$150	\$150
Radar calibration	\$300	\$300	\$300



Scanner LOKI

LOKI diagnostic scanner was created that any service station can perform the full range of services for diagnosis, maintenance, and repair of the entire model range of Tesla.



LOKI scanner

opportunities

Diagnostics (Tegra/Intell)



Activation Factory / Developer (Tegra to iOS 2022.8) / Service Mode. (Intell to firmware 2021).



Review all vehicle errors.



Self-tests/ Diagnostic tasks of vehicle blocks.



View CAN bus data in real-time.



Crash cleaning on Delphi SDM (Model S 2012-2018, MX until 2019), Bosh RCM V1 M3

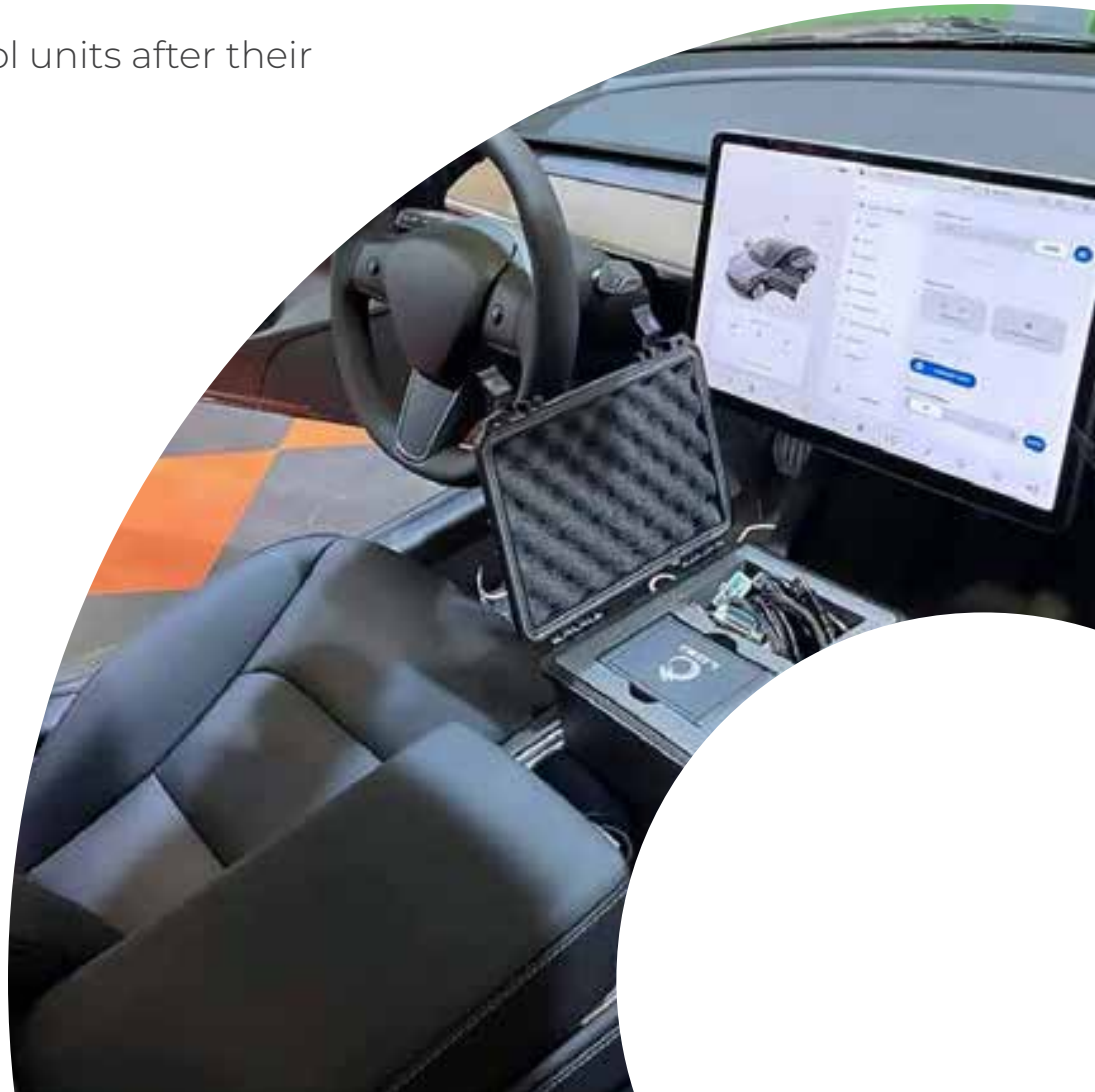
LOKI scanner opportunities

Tegra/Intell service

- Update the firmware.
- Installation of navigation.
- Model S key pairing.

Tegra/Intell repair

- Edit unprotected Model 3/Y configuration settings (without soldering to Model 3 firmware until 2021.4.12).
- Edit all configuration options for Model S/X (before the 2020.48 firmware, after only unprotected settings).
- Calibration and adaptation of vehicle systems.
- Reflashing control units after their replacement.
- Radar calibration for AP2.53.0.



Advantages of the LOKI scanner



Work with all Tesla models using the Tegra/Intell processor.



Work with all firmware of vehicles.



Factory/Diagnostic/Developer Mode activation and other modes depending on the model and firmware.



Change the configuration of the vehicle, including the protected one (now only for Model 3).



Installation of navigation and updating of software.



Key pairing (now only for Model S and Model X).



All necessary cables are available to connect to the vehicle.



Free software update.



Constantly expanding functionality.

Equipment set:

Scanner LOKI.

LC001-CS – cable CAN for Tesla Model S

LC002-LS – cable CAN for Tesla Model S/X

LC003-CX – cable CAN for Tesla Model SR, Model X

LC004-L3 – cable LAN for Tesla Model 3

LC006-C3 – cable CAN for Tesla Model 3, Model Y



Also available

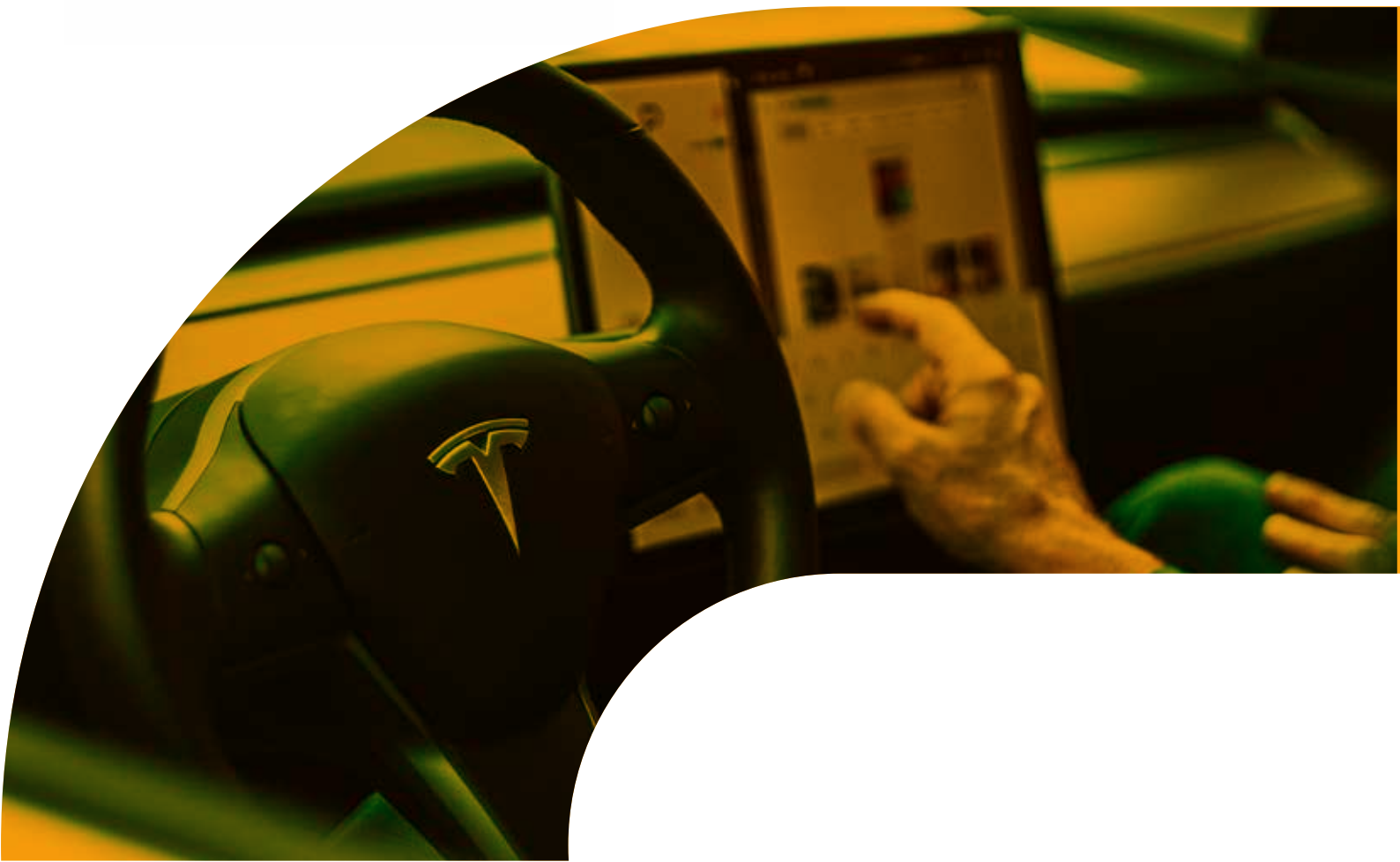


LC005-SEC cable – used to edit hidden parameters for Tesla Model 3/Y (requires activated plug-in **Secured Configuration**).

The cable also uses for paring keys to the TESLA Model 3.



LC007-LY cable – enables the connection of Loki to Media Control Unit (MCU) of Tesla Model Y and Model 3 (made in the second half of 2020).



Additional software modules



Plugin

Secured Configuration

Plugin allows editing hidden configuration parameters of Tesla Model 3

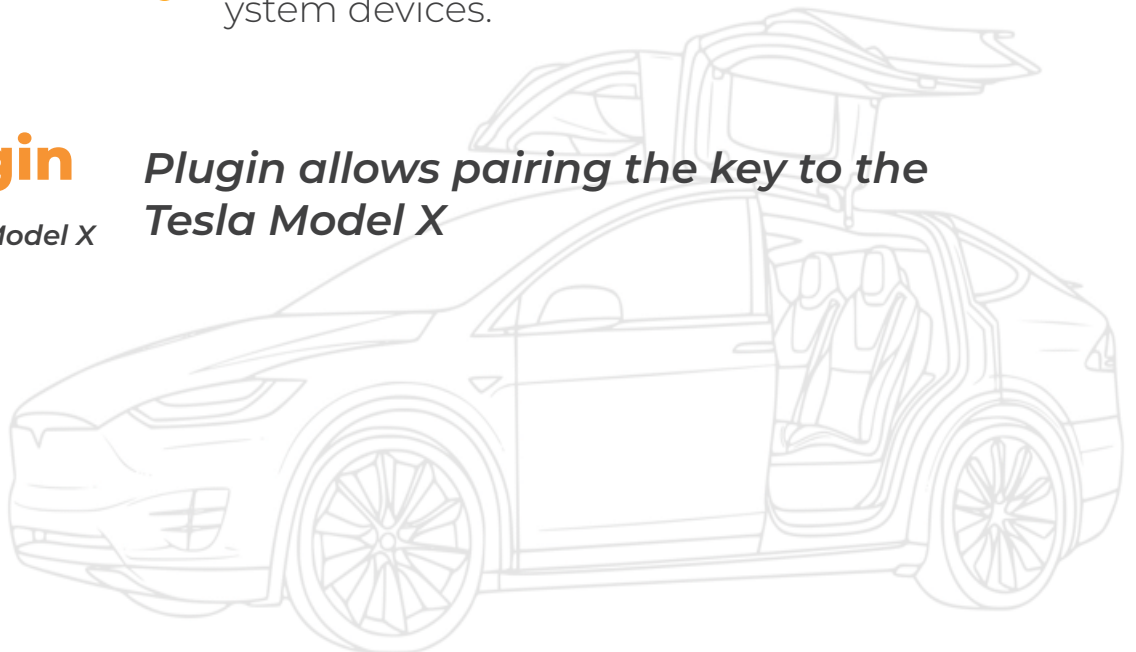
- VIN-number;
- MCU serial number required when replacing it;
- Country configuration, necessary to change the headlight flashing algorithm and the radio grid;
- Change of Autopilot Software;
- Supercharger activation;
- Performance or Acceleration Boost activation;
- Premium Connectivity activation;
- Removal of software restrictions on battery capacity;
- Activating additional audio system devices.



Plugin

Key Fob Pairing Model X

Plugin allows pairing the key to the Tesla Model X



Our offers

LOKI diagnostic scanner

is a comprehensive diagnostic solution for the maintenance and repair of all Tesla models.

Additional software modules

are software that expands the functionality of the LOKI scanner to solve non-typical tasks when repairing Tesla.

Technical support

assistance in the development of new equipment, as well as assistance in diagnosis and repair.

Training

rapid launch of a new service at the service station thanks to trained personnel.



Training

Training course in diagnostics and repair of Tesla – is an opportunity to quickly acquire proficiency in a trending field of vehicle repair.

What will cover:

01 Tesla interior

04 General problems and service operations

02 ECU vehicles and their functions

05 Certificates, updates, and applications

03 Basics of working with the Tesla batter

06 Tesla diagnostic principles with LOKI

What will teach:

- Reflashing control units
- Install navigation/firmware
- Change configuration
- Diagnose vehicle
- Working with Loki



LOKI

You can start a new business of maintenance and repair of Tesla electric vehicles or expand an existing one.

We will help you with this!

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