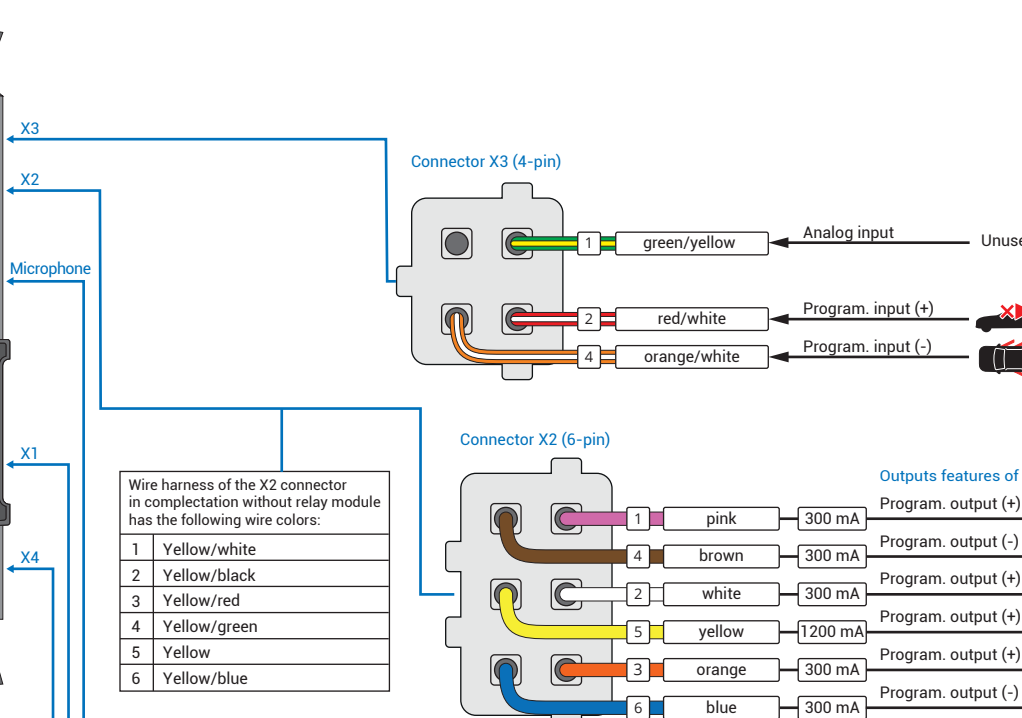
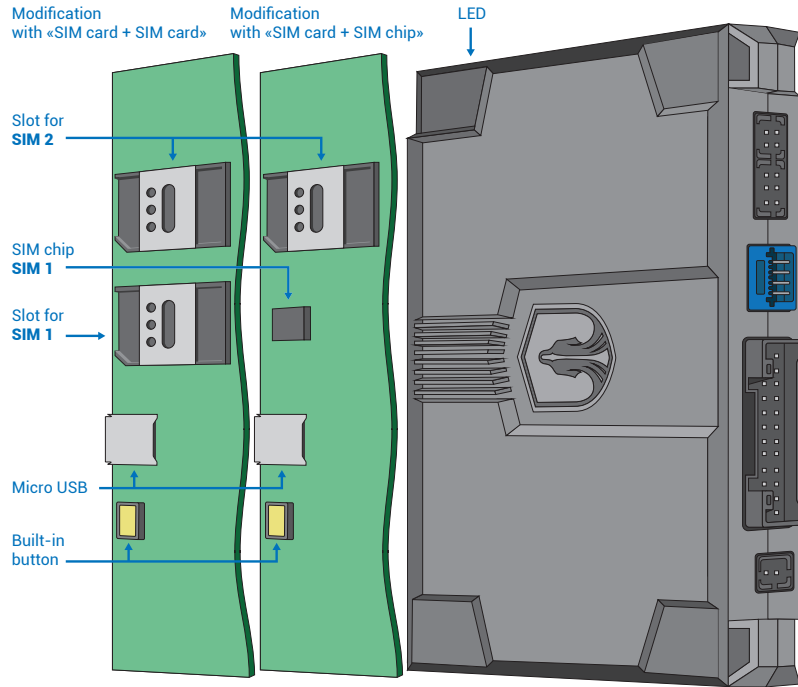




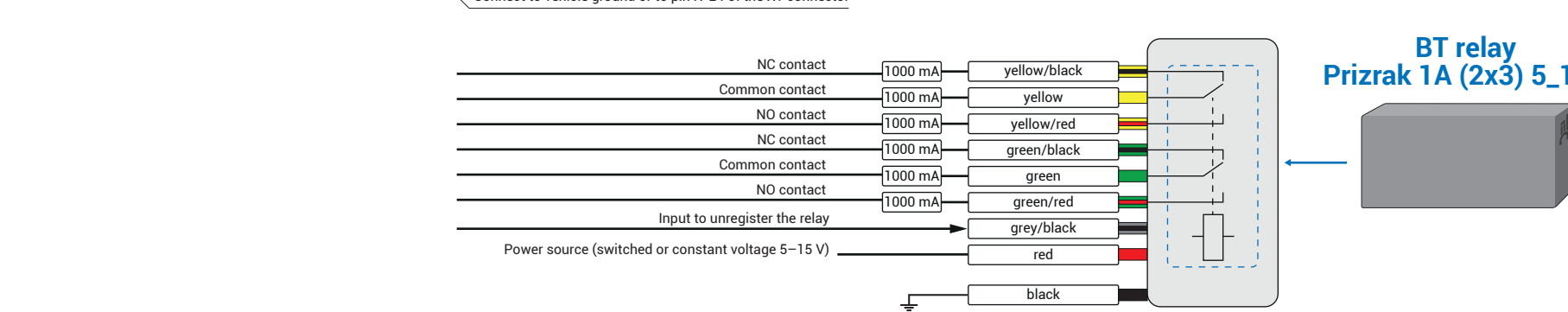
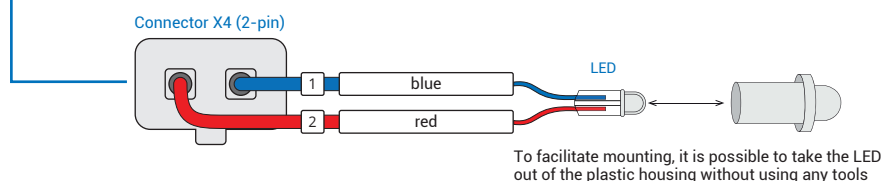
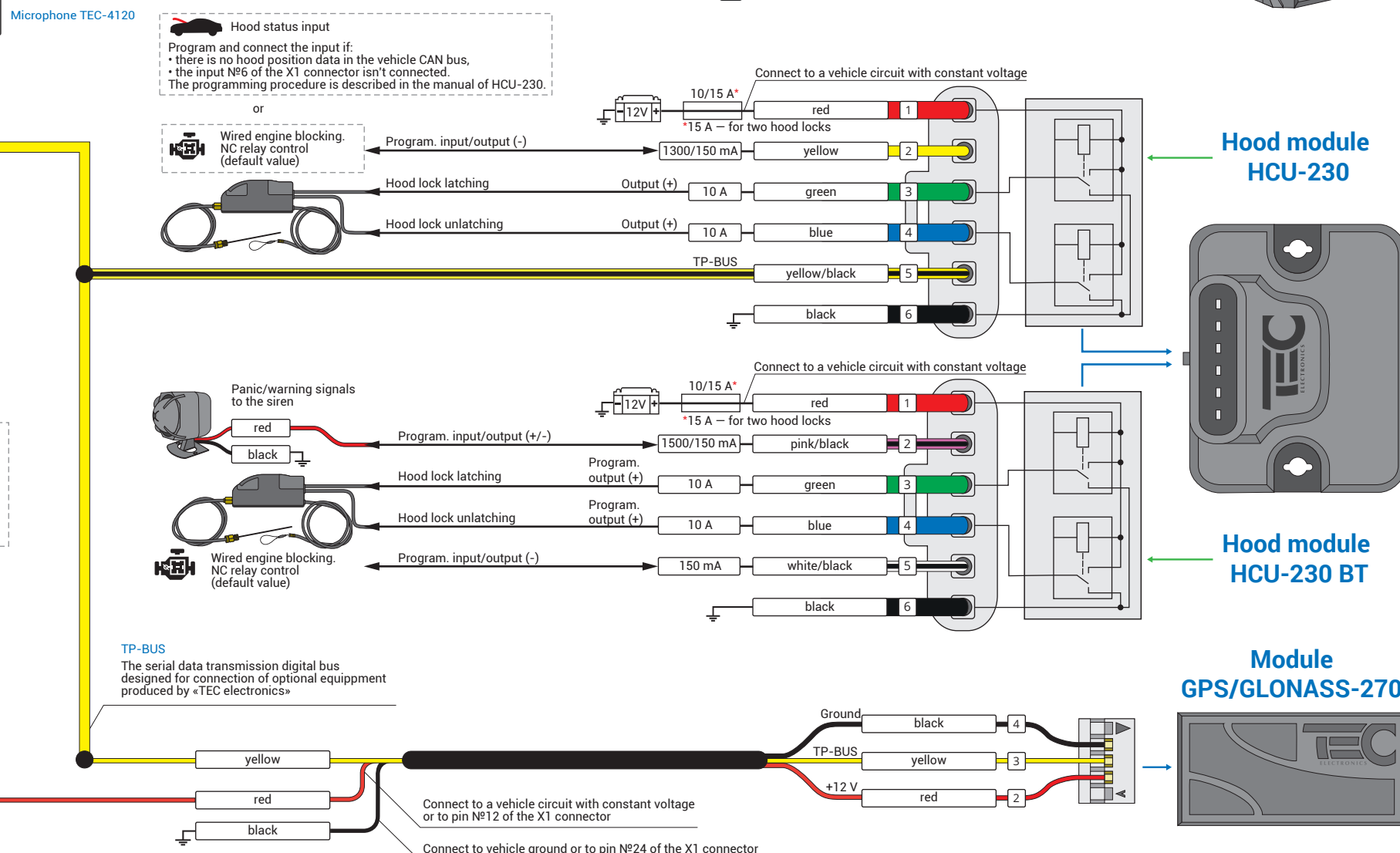
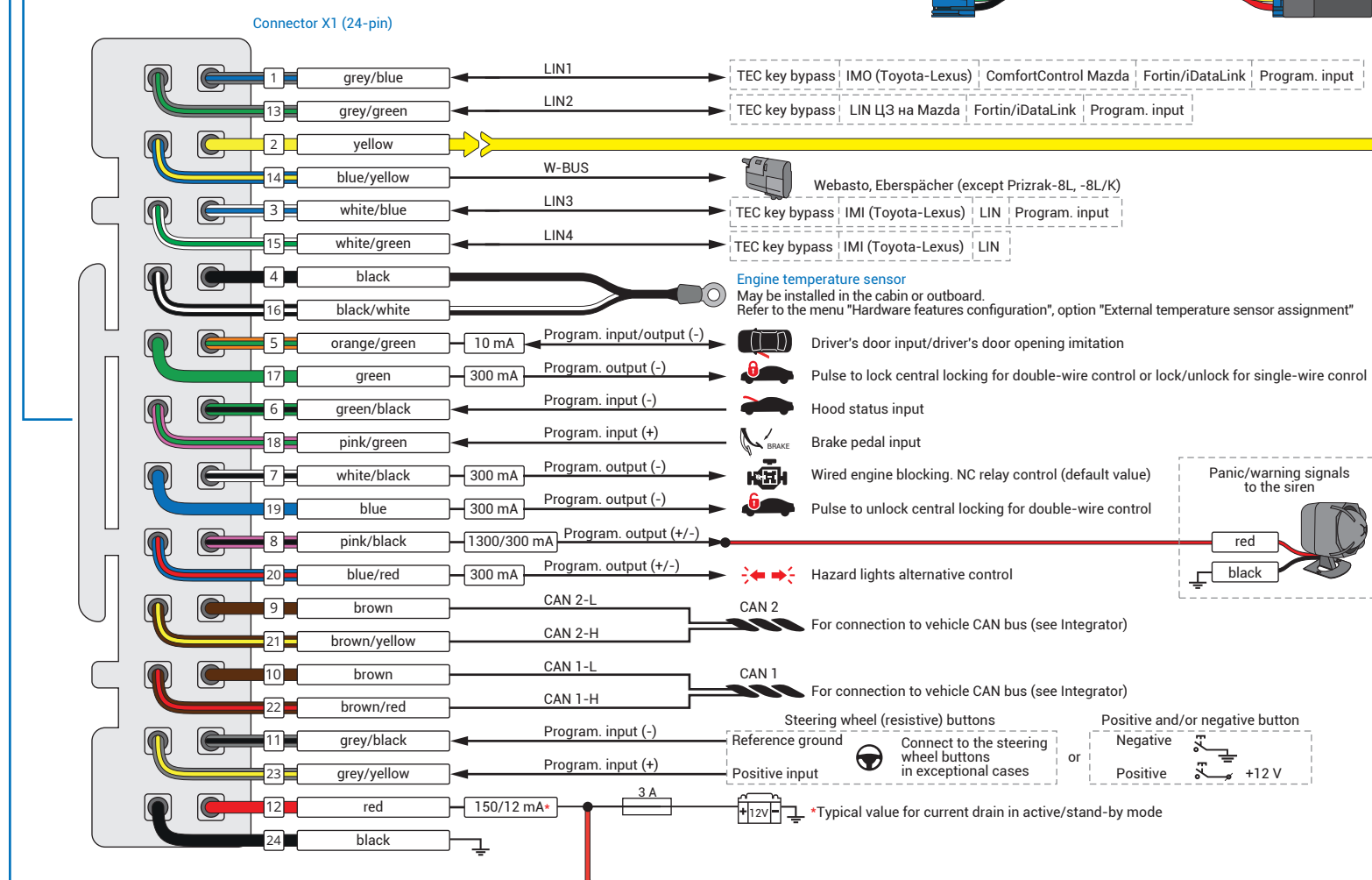
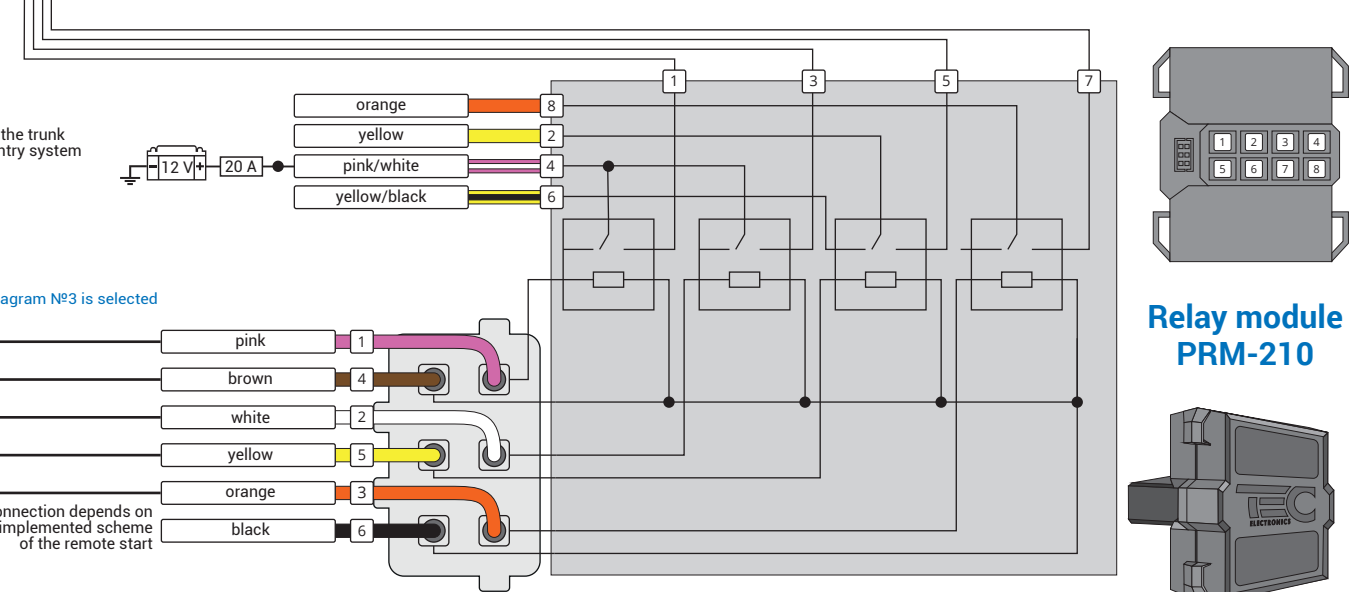
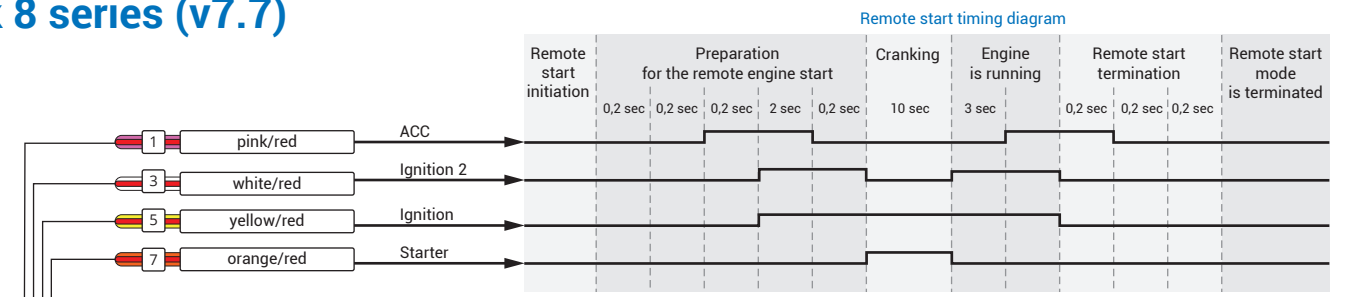
Wiring diagram for the GSM car alarm system Prizrak 8 series (v7.7)

Prizrak 8-series



Wire harness of the X2 connector in completion without relay module has the following wire colors:

1	Yellow/white
2	Yellow/black
3	Yellow/red
4	Yellow/green
5	Yellow
6	Yellow/blue



Installation sequence of the alarm system

- Install the alarm according to the wiring diagram.
- Make sure all original vehicle connectors are plugged in and the electronic control units are connected.
- Supply power to the alarm system, it will emit intermittent beeps. Reset the alarm to default settings if it doesn't emit intermittent beeps.
- Interface the alarm with the vehicle (set up group and subgroup). In most vehicles the alarm automatically identifies the vehicle group and subgroup after turning the ignition on/off and locking/unlocking the vehicle with the OEM remote. Refer to the Integrator to find out an interfacing procedure for your vehicle.

Attention! *All settings of the immobilizer system can be configured using TECprog software by connecting the module to a PC. This can be done either before or after interfacing with a vehicle.*

- This step can be skipped if there are «CAN-bus» buttons available in a vehicle and/or you're satisfied with them. Otherwise, within 15 minutes after setting up a group and subgroup, program the steering wheel resistive and/or «digital» (positive/negative) buttons. If you fail to program the buttons within 15 minutes, you will have to reset the alarm to default values and start over.
- To program the steering wheel (resistive) buttons:
 - Once the alarm is interfaced with a vehicle, switch on the ignition and wait for 5 seconds with the ignition on.
 - Then press and hold successively each button and controller on the steering wheel (for about 2 seconds) until you hear a short beep. If you don't hear a beep after pressing a button, it will not be available for use. The buttons that respond with beep after pressing will be available for use.

Resetting to default settings

Attention! *Press all buttons on the steering wheel to ensure their proper operation with the alarm.*

- Switch off the ignition – wait for confirmation trill.
- Switch on the ignition. Assign a button as the programming button from the available ones. To assign a button, press and hold it until you hear a beep.
- If you're going to use the digital (positive/negative) button:
 - Assign the feature «Positive/negative button» to any programmable input (even several inputs). Connect the inputs through momentary-push buttons to the vehicle ground or to +12V depending on their polarity. To use the inputs №№ 10, 22 (X1, 24-pin connector), configure the feature №4 (refer to «Hardware features configuration» menu) for the value «2»; it is possible to configure this option only with the programming button and until a PIN code is entered using resistive or positive/negative buttons.
 - Assign any button as the programming button from those you have connected to. To program a button, switch on the ignition and press it until you hear a beep.
- Now you can change the authentication method and/or PIN code if desired.
- Inform the car owner of the button which is assigned as the programming button and make a note about it in the user's guide.

Resetting to default settings

- Install the alarm on the same vehicle it has been fitted before (if you know a secret PIN code combination and/or you have a tag).

The sequence of actions for the first two methods:

- Press and hold the built in programming button.
- Still holding the PB plug the device in (supply power to it). The immobilizer will be emitting continuous beeps.
- Release the button, wait until the alarm stops emitting short beeps.
- If the vehicle hasn't covered 10 kilometer's distance after installing the alarm and the factory PIN-code «2» hasn't been changed then enter the PIN code «2» with the built-in button (for the 1st way) or enter the PUK code using the built-in button (for the 2nd way) – wait for the confirmation trill.
- The continuous beeps following after the confirmation trill mean that the module is now reset to the default settings. Disconnect the immobilizer from power.

Attention! *Only the vehicle owner is permitted to scratch off the protective film located on the plastic card and enter PUK code.*

Resetting to defaults (if the alarm is installed on a vehicle)

- Disconnect the alarm from power source.
- Press and hold the integrated button. Holding the button, connect the immobilizer to the power source, it will start beeping continuously.
- Release the button, wait until the module stops beeping.
- Switch the vehicle's ignition ON and enter PIN code, wait for the confirmation trill.
- Intermittent beeps following after the confirmatory trill indicate that the module has been reset to default values.
- Disconnect the module from power.

Resetting to defaults if the alarm is not installed on a vehicle – there are 3 ways:

- Enter PIN code («2») if it hasn't been changed and the vehicle hasn't travelled 10 kilometer's distance after installing the alarm.
- Enter PUK code using the built-in (reset) button.

Configuration of shock and tilt/displacement sensors (the code to enter the menu – «8», confirmation – 5 beeps and LED flashes)

№	Option name	Range	Default*	Notes
1	Shock sensor warning level	0-8	4	0 – OFF; ... 8 – maximum sensitivity
2	Shock sensor trigger level	0-8	4	0 – OFF; ... 8 – maximum sensitivity
3	Tilt/displacement sensor	0-8	4	0 – OFF; ... 8 – maximum sensitivity

Hardware features configuration (the code to enter the menu – «10», ten pressings on the programming button, confirmation – 3 short beeps)

№	Option name	Default	Description
1	Vehicle make and model	–	–
2	Type of wired engine blocking relay	2	1 – normally open (NO) relay control; 2 – normally closed (NC) relay control
3	Engine blocking at a safe speed	1	1 – disabled. A vehicle is immobilised regardless of speed; 2 – at speed 30 km/h and slower; 3 – only when the vehicle is completely stopped
4	Inputs adjustment for connection to analog buttons	1	Inputs №№ 10, 22 (connector X1, 24-pin) are connected: 1 – to the steering wheel (resistive) buttons; 2 – to a positive and/or negative button (universal programmable inputs)
5	Controlling the vehicle's CDL simultaneously with the OEM security system	1	1 – ON; 2 – OFF
6	Doors sequential unlocking	2	1 – ON; 2 – OFF
7	Hazard lights control algorithm	4	1 – by connecting to a pulse hazard lights control button; 2 – by connecting to a status hazard lights control button; 3 – by connecting to direction indicator lamps; 4 – hazard lights control via CAN-bus
8	Central door locking system control algorithm	4	1 – control via a single wire (considering the CDL status); 2 – control via a single wire (not considering the CDL status); 3 – double-wire control; 4 – control via CAN-bus
10	«Comfort» feature operating time	3	1 – 10 sec; 2 – 20 sec; 3 – 30 sec; 4 – 40 sec; 5 – 50 sec; 6 – 60 sec.
11	External sensors operating mode (shock, volumetric sensor)	1	1 – multiplex mode; 2 – standard mode
12	Possibility to start the engine before user authentication	1	1 – ON; 2 – OFF
13	Optional parking sensors activation	1	By shifting to: 1 – «R» position; 2 – «D» or «R» with switching off possibility before the ride ends; 3 – «R» with switching off possibility before the ride ends
14	Parking sensors control button	–	Can be used a vehicle's button which the alarm can «sense» via CAN-bus as well as a vehicle's original analog (resistive) or digital button (positive or negative)
15	Speed monitoring by the Immobilizer and AntiHi/Jack features	1	1 – ON; 2 – OFF
16	Except Prizrak-8L, -8L/K	3	Range from 1–7
17	Number of brake pedal pressings to trigger AntiHi/Jack	1	1 – ON; 2 – OFF
18	GSM engine blocking	1	1 – ON; 2 – OFF
18	Voltage value for low-battery notification	8	1 – 10,6 V; ... 8 – 11,3 V; ... 15 – 12 V
19, 20	–	–	–
21	Except Prizrak-8L, -8L/Smart, Available for 8L/K.	1	1 – OFF; 2 – tag search for disarming confirmation with the OEM remote; 3 – disabling vehicle unlocking with OEM remote until a tag is detected; 4 – disabling vehicle unlocking with OEM remote only in dangerous places; 5 – disabling vehicle unlocking with OEM remote with constant tag search; 6 – disabling vehicle unlocking with OEM remote in dangerous places with constant tag search; 7 – entering a PIN code combination for confirmation of disarming with the original remote or keyless entry system.
22	Fuel tank capacity	1	1 – capacity is not set, the fuel level is displayed in %; 2 – 10 L; ... 30 – 150 L
23	Alarm panic delay when vehicle's perimeter is violated (for «Slave disarming» with keyless entry system)	1	1 – OFF; 2 – 0,5 sec; 3 – 1,0 sec; 4 – 2 sec; 5 – 3,0 sec
24	Engine blocking via CAN	2	1 – enabled in the main Prizrak unit; 2 – disabled; 3 – enabled in CAN relay
25	Vehicle's perimeter monitoring pause after arming (30 sec)	2	1 – ON; 2 – OFF
26	«Beach mode»	–	–
27	–	–	–
28	External temperature sensor function (main alarm module temperature sensor mounting location)	1	1 – engine temperature sensor; 2 – interior temperature sensor; 3 – ambient temperature sensor
29	Heating and ventilation activation while the engine is remote started («Seasonal comfort»)	2	1 – enabled; 2 – disabled. Configuration of actuated heating devices and ventilation. May be configured in TECprog or in the smartphone application. Seats ventilation, side mirrors heating, seats heating, steering wheel heating, rear window heating
30	Type of built-in electro-mechanical relay in «CAN-relay Implant»	3	1 – Normally open (NO); 2 – Normally closed (NC); 3 – not used
31	Diagnose «CAN-relay Implant»	–	1 – ready for operation; 2 – not registered; 3 – registration procedure in progress; 4 – registration failed; 5 – no communication with CAN relay; 6 – CAN relay firmware update required; 7 – Error in connection to CAN-bus
32	Resetting «CAN-relay Implant» to default values	–	To reset «CAN relay» to factory values, press the programming button one time, wait for the confirmation trill. The alarm will inform about the option status by a series of 2 beeps and LED flashes. 1 – registered; 2 – not registered (was reset to default values)
33	Setting a CAN-BUS of the Prizrak system for controlling «CAN-relay Implant»	1	1 – CAN relay is automatically searched via every available CAN BUS; 2 – CAN relay is searched via CAN1; 3 – CAN relay is searched via CAN2
34	Microphone	1	1 – ON; 2 – OFF
35	Controlling CDL with the built-in button of the Key ID tag	1	The built-in button controls: 1 – CDL locking/unlocking; 2 – CDL locking; 3 – CDL unlocking; 4 – CDL locking/unlocking when a vehicle is remote started; 5 – CDL locking when a vehicle is remote started; 6 – CDL unlocking when a vehicle is remote started; 7 – CDL is not controlled
36	Vehicle's owner authentication using a Key ID tag	1	1 – enabled; 2 – disabled
37	Using the Key ID tag's built-in button as the programming button	1	1 – ON; 2 – OFF. If the feature is OFF, it is not possible to use the Key ID tag's built-in button for programming or entering PUK code
38	Only for Prizrak-8L, -8L/Smart	1	1 – enabled; 2 – disabled. IF the value «2» is selected, disarming the alarm system can be carried out using the Key ID tag's button, phone, PUK code
39	Disarming the alarm system with the factory remote or with the keyless entry system (Slave mode)	1	1 – enabled; 2 – disabled. IF the value «2» is selected, disarming the alarm system can be carried out using the Key ID tag's button, phone, PUK code
40	–	–	–
41	Resetting the GSM modem when changing car owner	–	After resetting the GSM modem to default values: the GSM code (access code) will be reset to the default value – «1111»; all users' phone numbers and their personal notification settings will be erased as well as the registration of a vehicle in the mobile app and in the mobile app will be cancelled, the trip log and event log will also be cleared. After entering this option, the alarm system will emit one beep. To reset the modem, press and release the programming button one time and wait for the confirmation trill. The alarm system will automatically exit the programming mode
41	Executing the algorithms created in the «Programming studio» (programmable logic)	1	1 – ON; 2 – OFF
42	Steering wheel location in a vehicle	1	1 – left-hand drive car; 2 – right-hand drive car. This setting is used for proper displaying of the driver's door in the app
43	Slave mode operating algorithm	1	1 – using CAN-bus data; 2 – using analog inputs without carrying out the learning procedure; 3 – start the learning procedure; 4 – using analog inputs after carrying out the learning procedure
44	–	–	–
45	Tag search time to confirm disarming	1	1 – 10 sec; 2 – 20 sec; 3 – 30 sec
46	Reset buttons configuration	–	The system will indicate whether the button is programmed: 1 – the programming button is set; no signal – not registered. To reset the button, press the programming button one time and wait for confirmation
47	Engine start blocking via LIN (cutting the immobilizer line with LIN3 and LIN4)	1	1 – disabled; 2 – enabled; 3 – enabled only for the armed mode (depending on activity in vehicle CAN bus)
48	Unlatching hood lock when detecting a tag before switching on the ignition	2	1 – ON; 2 – OFF

Programmable inputs/outputs configuration (the code to enter the menu – «11», eleven pressings on the programming button, confirmation – 6 short beeps and LED flashes)

№	Connector	Option description	Default	Available values, Notes
1	–	Configuration of the wire LIN1 grey/blue	1	1 – Keyless bypass «TEC electronics»; 2 – IMO (Toyota/Lexus); 3 – Control channel of the module «Comfort/Control Mazda»; 4 – Control of key bypass module Fortin/DataLink; 5 – Program, input X1-1, see option №2 of the menu
2	–	Function of the input X1-1 grey/blue (-)	–	Not set. Can be assigned any function from the list of features for program, inputs
3	–	Function of the wire LIN2 grey/green	1	1 – Keyless bypass «TEC electronics»; 2 – LIN C1 for Mazda; 3 – Control of key bypass module Fortin/DataLink; 4 – Program, input X1-13, see option №4, of the program, menu
4	–	Function of the input X1-13 grey/green (-)	–	Not set. Can be assigned any function from the list of features for program, inputs
5	–	Configuration of wires LIN3 X1-3 (white/blue) and LIN4 X1-15 (white/green)	1	1 – Keyless bypass «TEC electronics»; 2 – IMO (Toyota/Lexus); 3 – LIN data bus; 4 – Program, input X1-3, see option №6 of the menu
6	–	Function of the input X1-3	–	Not set. Can be assigned any function from the list of features for program, inputs
7	–	Configuration of the wire X1-5 orange/green	2	1 – Is used as an input; 2 – Is used as an input/output
8	–	Function of the input X1-5 orange/green	24/28	Driver's door pin switch input/pulse for the driver's door opening imitation (see option №7 of the menu). The wire functions as both the input of the driver's door pin switch and as the output for «Driver's door opening imitation».
9	X1 (24-pin)	Function of the output X1-7 white/black (-)	54	Wired engine blocking control output (NO or NC relay). Can be assigned any function from the list of features for program, outputs
10	–	Function of the output X1-8 white/black (+/-)	55	Panic/warning signals to siren. Can be assigned any function from the list of features for program, outputs
11	–	Polarity of the output X1-8 pink/black (+/-)	1	1 – Positive polarity; 2 – Negative polarity
12	–	Function of the output X1-17 green (-)	52	Pulse to «Lock» the central locking for double-wire control or pulse to lock/unlock for single-wire control. Can be assigned any function from the list of features for program, outputs
13	–	Function of the output X1-19 blue (-)	53	Pulse to «Unlock» the central locking for single-wire control. Can be assigned any function from the list of features for program, outputs
14	–	Polarity of the output X1-20 blue/red (+/-)	51	Hazard lights control. Can be assigned any function from the list of features for program, outputs
15	–	Polarity of the output X1-20 blue/red	2	1 – Positive polarity; 2 – Negative polarity
16	–	Function of the output X1-5 green/black (-)	2	Hood position control input. Can be assigned any function from the list of features for program, inputs
17	–	Function of the output X1-11 grey/black (-)	–	Reference ground input for resistive buttons. Changing the function is only possible in the menu «Hardware features configuration», option 4
18	–	Function of the output X1-18 pink/green (+)	1	Bake pedal status control input. Can be assigned any function from the list of features for program, inputs
19	–	Function of the output X1-23 grey/yellow (+)	–	Positive signal for resistive buttons. Changing the function is only possible in the menu «Hardware features configuration», option 4
20	–	Function of the output X2-1 (+)	50 (5)	Ignition 2 (remote engine start)
21	–	Function of the output X2-2 (+)	50 (6)	Ignition 2 (remote engine start)
22	–	Function of the output X2-3 (+)	50 (3)	Starter (remote engine start)
23	–	Function of the output X2-4 (-)	50 (2)	Key in the ignition switch (remote engine start)
24	–	Function of the output X2-5 (+)	50 (4)	Ignition (remote engine start)
25	–	Function of the output X2-6 (-)	50 (1)	Power supply of the key bypass module, (remote engine start)
26	–	Function of the input X3-2 red/white (+)	7	Panic override input when releasing the trunk with car's original remote or keyless entry system. Can be assigned any function from the list of features for program, outputs
27	–	–	–	–
28	X3 (4-pin)	Function of the input X3-4 orange/white (-)	28	All doors except the driver's door. Can be assigned any function from the list of features for program, inputs

Programmable outputs features

№	Feature name	№	Feature name	№	Feature name
0	Not used	21	Parking brake status	43	Heating control in the remote start mode (status output)
1	«Armed» status	22	Marker lights	44	Except Prizrak-8L, 8L/Smart, Available for 8L/K. Normally closed relay control for CDL unlocking blockage
2	Pulse when «Arming»	23	«Comfort» timer channel	45	Service (valet) mode status
3	Pulse when «Disarming»	24	Starter or OBDII diagnostic bus blocking (NC relay control)	46	Heating control in the remote engine start mode (pulse control output)
4	Pulse after carrying out authentication	25	Pulse to latch hood status	47	Remote start mode status
5	Vehicle's OEM alarm panic status	26	LED indicator output for optional parking sensors	48	Starter control (remote engine start for specific vehicles)
6	Panic to a pager	27	Key in the ignition switch (remote engine start)	49	«Ignition» control, (remote engine start for specific vehicles)
7	Panic/warning signals to a siren	28	Pulse to imitate driver's door opening after the remote start termination	50	Output for the remote start
8	Doors, hood, trunk status	29	Pulse to unlock the trunk	51	Hazard lights alternative control
9	–	30	A third party remote engine start module control	52	CDL alternative control. Pulse to «Lock» for double-wire control or pulse to lock/ unlock for single-wire control
10	Pressing on vehicle's OEM button	31	Gas pedal blocking (NC relay control)	53	CDL alternative control, «Unlock» command for double-wire control
11	Ignition	32	Except Prizrak-8L, 8L/Smart, Available for 8L/K. Pulse to latch optional door blockers	54	Wired engine blockage output (controlling a NO or NC relay)
12	ACC	33	Except Prizrak-8L, 8L/Smart, Available for 8L/K. Pulse to unlatch optional door blockers	55	Panic/Warning signals to a siren
13	Engine is running	34	Except Prizrak-8L, 8L/Smart, Available for 8L/K. Normally open relay control for CDL unlocking blockage	56	Except Prizrak-8L, 8L/K, Engine heater circulation pump control
14	Engine RPM	35	Status double-wire control Fortin/DataLink – «GWR»	57	Engine blocking by imitating the Start/Stop button push
15	AT gear lever position status	36	Status double-wire control Fortin/DataLink – «Star»	58	An external beeper control output
16	Vehicle in motion status	37	Steering wheel unlocking control (remote start for Toyota/Lexus)	59	Output for programmable logic
17	Front parking sensors control (power supply)	38, 39	–	60-64	–
18	Rear parking sensors control (power supply)	40	Pulse single-wire control for Forting/DataLink	65	Timer channel «Comfort with delay»
19	Vehicle driving speed	41	Except Prizrak-8L, 8L/K, Engine heater status LED indicator	–	–
20	Brake pedal status	42	Dashcam control output	–	–

Programmable inputs features

№	Feature name	№	Feature name	№	Feature name
1	Brake pedal position monitoring	14	CAN bus «awakening»	27	Input for entering PIN code with the «Beach mode» button
2	Hood position monitoring	15	Hazard lights status monitoring	28	All doors except the driver's door
3	Doors	16	Trunk	29	Input for keyless bypass module synchronizing
4	CDL «locked» (status)	17	Wired «PIN code button» (positive or negative)	30	CDL «locks» input
5	CDL «unlocked» (status)	18	Command to lock central locking	31	CDL «unlock» input
6	Ignition monitoring input	19	Command to unlock central locking	32	CDL «lock/unlock» input
7	Alarm panic override when releasing the trunk with factory remote or keyless entry system	20	Optional sensor input №1	33	Programmable logic input
8	Optional parking sensors control button	21	Optional sensor input №2	34-41	–
9	Except Prizrak-8L, -8L/K, Engine heater status	22	Running engine status in the remote start mode	42	Programmable logic input
10	Windowipers status	23	Except Prizrak-8L, -8L/K, Engine heater activation input	43	Gearbox lever position monitoring
11	Brake pedal pressure ignoring when using a third-party remote start equipment	24	Driver's door pin switch input	44	Tach monitoring input
12	Turning off the remote start mode	25	Vehicle's OEM alarm system panic monitoring	–	–
13	Parking brake input	26	Except Prizrak-8L, -8L/Smart, Available for 8L/K. Tag search initiation	–	–

Except Prizrak-8L/K, Engine heater settings (code to enter the menu – «17», confirmation – 8 beeps and LED flashes)

№	Option name	Range	Default*	Description
1	Controlling an aftermarket engine heater	1 – 2	1	1 – enabled; 2 – disabled
2	Auxiliary heater mode	1 – 2	2	1 – enabled; 2 – disabled
3	Engine heater control protocol	1 – 7	–	1 – Webasto; 2 – Eberspächer; 3 – automatic adjustment; 4 – factory fitted Webasto for VAG (Multivan T6); 5 – factory fitted Webasto for RR Evoque (2011–2013); 6 – factory fitted Eberspächer for RR Evoque (2011–2013)/Sport (2014-); 7 – control over protocol disabled; 8 – factory-fit Eberspächer for Toyota
4	Engine heater shutdown conditions	1 – 3	1	1 – by time; 2 – by engine temperature; 3 – by engine temperature or by time
5	Engine heater run-time	1 – 12	3	1 – 10 minutes; ... 3 – 30 minutes; ... 12 – 120 minutes
6	Engine heater shutdown temperature	1 – 11	5	1 – 10°C; 2 – 20°C; 3 – 30°C; 4 – 40°C; 5 – 50°C; 6 – 60°C; 7 – 70°C; 8 – 75°C; 9 – 80°C; 10 – 85°C; 11 – 90°C
7	Car's battery voltage to shutdown the engine heater	1 – 11	9	1 – 10,5 V; ... 9 – 11,3 V; ... 11 – 11,5 V
8	Controlling factory installed engine heater via CAN bus	1 – 2	1	1 – enabled; 2 – disabled
9	Engine heater activation code which is entered with vehicle interior buttons	–	–	–
10	Controlling engine heater with OEM remote	1 – 2	2	1 – enabled; 2 – disabled
11	Aftermarket engine heater control	1 – 6	1	1 – status control; 2 – pulse control 2,5 sec; 3 – pulse 3 sec; 4 – pulse 1,5 sec; 5 – pulse 1 sec; 6 – pulse 0,8 sec
12	Autonomous ventilation run-time	1 – 4	1	1 – OFF; 2 – 10 minutes; 3 – 20 minutes; 4 – 30 minutes
13	Ambient temperature value to turn on an aftermarket engine heater in the auxiliary heater mode	1 – 11	8	1 – «-30°C»; 2 – «-25°C»; 3 – «-20°C»; 4 – «-15°C»; 5 – «-10°C»; 6 – «-5°C»; 7 – «0°C»; 8 – «+5°C»; 9 – «+10°C»; 10 – «+15°C»; 11 – turn off regardless of temperature
14	Allow the factory engine heater to continue running after switching on the ignition	1 – 2	2	1 – enabled; 2 – disabled

User settings (code to enter the menu – «12», confirmation – 4 beeps and LED flashes)

№	Option name	Default	Available values. (Note). The default values are highlighted in bold
1	Immobilizer/PINtoDrive®	1	1 – enabled; 2 – disabled
2	For Prizrak 8L/Smart, -8L/Smart/PRO, -8XL/Smart, Immobilizer/PINtoDrive®	2	1 – enabled; 2 – disabled
2	Except Prizrak-8L, -8L/K, AntiHi/Jack (protection from violent seizure while driving)	1/2	1 – enabled; 2 – disabled
3	Except Prizrak-8L, -8L/K, Travel distance before AntiHi/Jack triggers	1	Range from 1 to 100; ... 100 – 1000 meters
4	Siren operation when alert triggers	4	Range from 1 to 4: 1 – siren OFF; 2 – siren doesn't sound when warning is triggered; 3 – loudness for warning is the same as for arming/disarming (refer to the option №11); 4 – siren is ON (max. loudness)
5	Except Prizrak-8L, -8L/Smart, Siren operation after triggering the alarm	1	1 – enabled; 2 – disabled
6	Tag search audible indication for confirmation of authentication when disarming	1	1 – enabled; 2 – disabled
7	Service mode auto deactivation	–	1 – enabled; 2 – disabled
8	Door auto-locking when driving off	2	1 – enabled; 2 – disabled
9	Door auto-unlocking when switching off the ignition	2	1 – enabled; 2 – disabled
10	Windows, side mirrors, sunroof auto closure – «Comfort»	4	Range from 1 to 5: 1 – Windows closure; 2 – windows and side mirrors closure; 3 – windows and sunroof closure; 4 – windows, sunroof, side mirrors closure; 5 – OFF (closure is not performed)
11	Siren chirps loudness when arming/disarming	4	Range from 1 to 4: 1 – siren OFF; 2 – minimum loudness; 3 – medium; 4 – maximum
12	Except Prizrak-8L, -8L/Smart, 8L/K, 8CL/2Sim, Authentication method (PUK code required)	1/3	Range from 1 to 4: 1 – Tag; 2 – PIN code; 3 – Tag or PIN code; 4 – Tag and PIN code
13	Over speeding threshold	4	1 – over speeding is not monitored; 2 – 110 km/h; ... 4 – 130 km/h; ... 10 – 190 km/h
14	New tags registration	–	Range from 0 to 8
15	Tag detection quality test	–	Allows to determine the zones of reliable tag detection
16	Except Prizrak-8L, 8L/K, 8CL/2Sim, AntiHi/Jack feature automatic deactivation with a tag	2	1 – enabled; 2 – disabled
17	Automatic rearming	2	1 – enabled; 2 – disabled
18	Deleting smartphone tags from memory	–	Range from 1 to 4
19	Deleting radio tags from memory	–	Range from 1 to 8

Remote engine start mode features (code to enter the menu – «16», confirmation – 7 beeps and LED flashes)

№	Option name	Range	Default*	Note
1	«Free hands» feature in the remote start mode	1 – 3	2	1 – ON; 2 – OFF; 3 – engine shutdown without «disarming»
2	Set up a standard remote start diagram	3 – 27	3**	Set up one of the standard remote start schemes (timing diagrams). All timing diagrams can be found in TECprog2. Any timing diagram can be customized according to specific needs
3	«Ignition support» feature			