

Nissan/Infiniti Key Programming v 9.1

Prepare the device by setting the switches to the desired mode.

❖ REGULAR KEY SYSTEM (2005-2014)

- Switch positions for petrol models: **1 - ON**
 - Switch positions for diesel models: **6 - ON**
1. Insert the key, turn the ignition on.
 2. Plug the programming device to the OBD-2 diagnostic connector. The **green LED** lights up.
 3. After 5 seconds, the device will emit 3 short beeps. The **green LED** lights up.
 4. Turn ignition off and on twice. On the dashboard of the car the key indicator will flash 5 times and then should go out.
 5. Turn off ignition.



* To record additional key within 5 seconds insert new key, turn on the ignition after step 3 and repeat steps 4-5.

❖ INTELLIGENT KEY SYSTEM (Starting engine without a key by "Knob Switch") (2006-2014)

- Switch positions for petrol models: **2 - ON**
 - Switch positions for diesel models: **7 - ON**
 - Switch positions for X-Trail-2 2.5: **5 - ON**
1. Insert new key into electronic ignition lock and push on it (after that, in many models, indication of ignition lock should light up).
 2. Connect the device to the OBD-2 diagnostic socket. The **green LED** lights up. Within 2 seconds steering column will be unblocked and the device will beep once.
 3. Turn the ignition on. Within 5 seconds the device will beep three times and **green LED** lights up.
 4. Turn off and turn on the ignition twice consecutive. The key indicator on dash-panel will blink five times and then goes out.
 5. Turn off the ignition. After that, you can start the engine with a key inserted into the ignition lock.



To activate Intelligent Key system, you must adapt the key fob!

6. To record an additional key fob, within 5 seconds repeat the procedure with another key fob from step 4 onwards.

Activation of Intelligent Key system

You must erase and then record the key fobs in memory.

Prepare the device to erase the key fobs from memory. Switch positions: **4 - ON**.

1. Turn on the ignition using the programmed key. Plug the device to the OBD-2 diagnostic connector. The **green LED** will light up and 3 beeps will sound (*all key fobs will be erased from memory*).
2. Turn off the ignition. Unplug the device.
3. Prepare the device for recording key fobs. Switch positions: **3 - ON**.
4. Turn the ignition on using the programmed key. Plug the device to the OBD-2 diagnostic connector.
5. After the device beeps once, press one time any button on the key fob. The device beeps three times (*the programming process was successful*).

* To record an additional key fob, within 5 seconds repeat the procedure with another key fob from step 4 onwards.

SMART KEY SYSTEM - (Starting engine by "Start" button . The key slot available.) (2007-2014)

● Switch positions: 5 - ON

1. Insert new key into key slot. Depress brake pedal or "Start" button once.
2. Plug the device into OBD-2 diagnostic connector. Within five seconds steering column will be unblocked and the device will beep once.
3. Press "Start" button to turn ignition on. Within 5 seconds the device will beep once and then 3 more times, the **green LED** lights up.
4. Turn off and turn on the ignition two times in a row. Key indicator on dash-panel will blink 5 times and then go out.
5. Turn off the ignition. Steering column will be blocked. After that, you can start the engine.
6. To record additional key, within 5 seconds insert new key into the slot, turn on the ignition after step 3 and repeat steps 4-5.



SMART KEY SYSTEM - 2 (Starting engine by "Start" button. Key slot is absent) (2010-2014)

● Switch positions: 5 - ON

1. Open driver's door or depress the brake pedal.
2. Plug the device to the OBD-2 diagnostic connector.

3. Within 2 seconds steering column will be unblocked and the device will beep once. If the steering column is already unblocked wait for the beep sound.
4. Within 5 seconds bring new key to "Start" button and press on it. The ignition will turn on and the device will beep 3 times.
5. Unplug the programming device. Turn off ignition by pressing "Start button".
6. Bring key to "Start" button and press on it (switch on the ignition).
7. Turn off the ignition.
8. Press "Unlock" button on the key - 
9. Repeat steps 6 - 8 for each of the next key you want to register.
10. To complete registration procedure bring last registered key to "Start" button, turn ignition on and off.



- * Step 8 can be performed at the end of procedure each next key in turn.
- ** Long beeps report errors.

❖ NEW CARS. (System with the updated key) (2014 – 2022)

- Switch positions for TYPE-1: 8 - ON
- Switch positions for TYPE-2: 9 - ON

1. Insert the key, turn on the ignition.
2. Connect the device to the OBD-2 diagnostic socket. The **green LED** lights up.
3. After 10 seconds, the device will emit 3 beeps. The green LED will light up and the indicator on the dash-panel should blink 5 times.
4. Turn off the ignition.
5. Within 5 seconds, turn on the ignition with the next key. The indicator on the dash-panel should blink 5 times.
6. Turn off the ignition.
7. To complete registration procedure, you need to turn ignition on and off with last key.



❖ SMART KEY SYSTEM - 3 (2014-2018)

- Switch positions for TYPE-1: 8 - ON
- Switch positions for TYPE-2: 9 - ON

1. Open driver's door or depress the brake pedal.
2. Insert the device into the OBD-2 diagnostic connector.
3. After 10 seconds, the device will emit 3 beeps. The **green LED** lights up.



4. Within 5 seconds bring new key to "Start" button and press on it. The ignition should turn on and the indicator on the dash-panel blinks 5 times.
5. Turn off the ignition.
6. Within 5 seconds bring another new key to "Start" button and press on it. The ignition should turn on and the indicator on the dash-panel blinks 5 times.
7. Turn off the ignition.
8. To complete registration procedure, you need to turn ignition on and off with last key.

❖ ERRORS

- ✓ One beep - no connection;
- ✓ Two beeps - programming error or something wrong. (You need to remove the battery terminal);
- ✓ Three beeps – programming is successful;
- ✓ Six beeps - wrong combination or switch defective.



Self-test of device switches.

Put all switches in the "ON" position and switch on the power. If everything is OK, LED on the device will blink green and red alternately.

Attention! The installation of the switches is done carefully, only movements forward and backward. Do not apply pressure on top and do not push inward the switches in order to avoid their failure.

❖ SUPPORTED MODELS:



KEY-1



KEY-2



KEY-3



KEY-4

Model	Year	Кузов	Key Type	Switches	Transponder	Marking		
						2 buttons	3 buttons	4 buttons
Qashqai	2006-2014		KEY – 1	1 – ON 6 – ON (DIESEL)	PSF 7936			
	2006-2014		KEY – 2	2 – ON 7 – ON (DIESEL)	PSF 7936			
	2013/12-	J11E/J11R	KEY – 3	8 – ON	HITAG AES	TWB1G767 433mhz		
	2013/12 - 2017	J11E/J11R	KEY – 4	8 – ON	HITAG AES	S180144102		
	2017+		KEY – 1	8 – ON	HITAG AES			
	2017+		KEY – 4	8 – ON	HITAG AES			
Leaf	2010 - 2017		KEY – 4	5 – ON	PSF7952			
	2017+		KEY – 4	8 – ON или 9 – ON	HITAG AES			
Pathfinder	2005 - 2014		KEY – 2	2 – ON 7 – ON (DIESEL)	PSF7936			
	2015/8-	R52RR	KEY – 4	8 – ON		S180144303	S180144305	
X-Trail	2007-2014		KEY – 2	2 – ON 7 – ON (DIESEL)	PSF7936			
	2014/06-	T32R/T32RR	KEY – 3	8 – ON	HITAG AES			
	2014/06-	T32R/T32RR	KEY – 4	8 – ON	HITAG AES	S180144104		
Murano	2010/08 - 2016/06	Z51R	KEY – 4	5 – ON	PSF7952			
	2016/06-	Z51R	KEY – 4	8 – ON or 9 – ON	HITAG AES	S180144303	S180144305	S180144307
Teana	2006/04-2008/02	J31	KEY – 4	5 – ON				
	2008/2-2013/12	J31	KEY – 4	5 – ON	PSF7952			
Pulsar	2014/07-	C13M	KEY – 3	8 – ON or 9 – ON	HITAG AES			
	2014/07-	C13M	KEY – 4	8 – ON or 9 – ON	HITAG AES			
Patrol	2010/03-	Y62	KEY – 4	5 – ON	PSF7952		TWB1G696	
Juke	2010/7 - 2014/5	F15	KEY – 4	5 – ON	PSF7961			
	2014/5-		KEY – 4		PSF7961			
Navara	2015/11	D23M	KEY – 3	5 – ON	PSF7952			
GT-R	2008/12-	R35	KEY – 4	5 – ON	PSF7952		S180143003	