



## CRANK TRIGGER KIT FOR NISSAN RB ENGINES INSTALLATION GUIDE

This crank kit fits all RB20, RB25 & RB26 Nissan engines. A standalone ECU such as Ecumaster, Link or MaxxECU is also required for normal operation.

Contenu :



1. 2 x M6x60mm bolt

2. 2 x M8x10mm bolt

3. Bosch sensor

4. Connector


5. M6x16mm bolt

6. Crank bracket

7. 36-2 crank gear

**Note : Items 2, 3 & 4 are assembled together!**

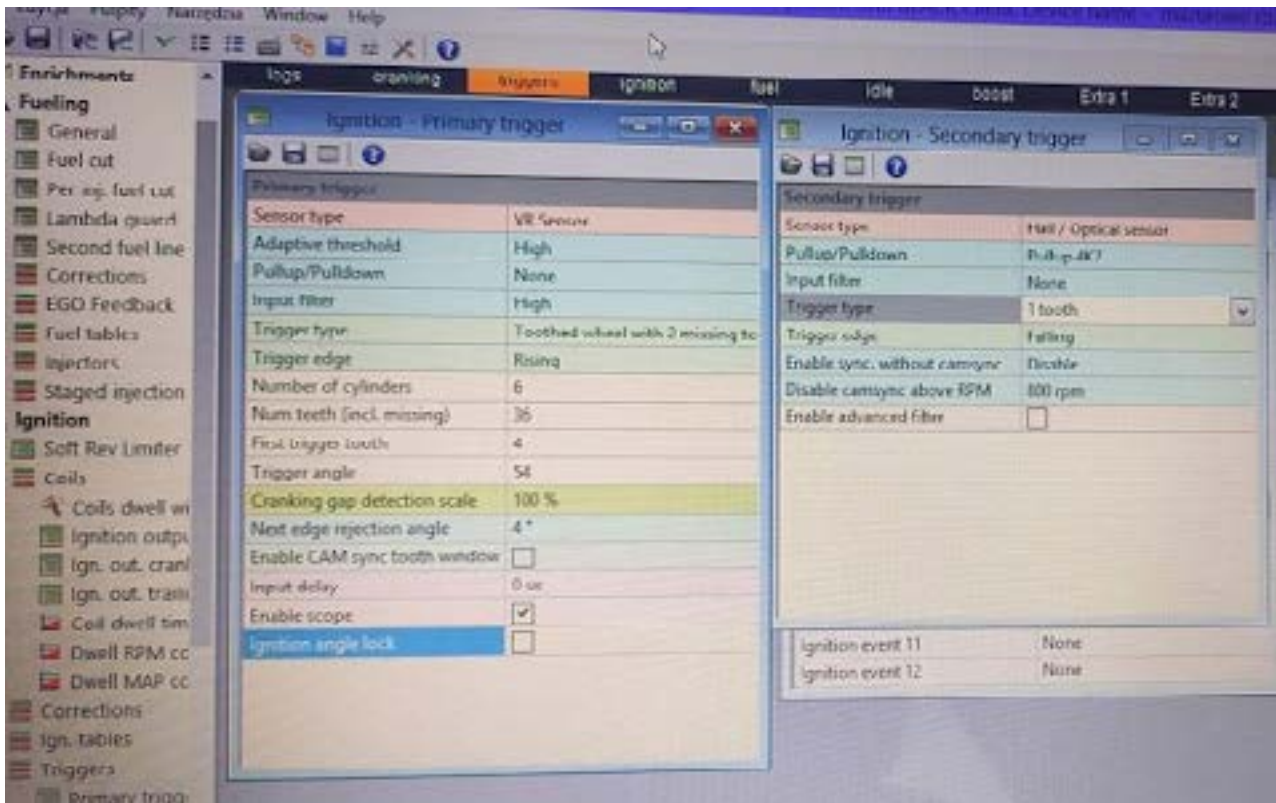
Bosch 0 281 002 175 sensor pinout :

L	L1	ohm	OUT GND S
430	24	880	

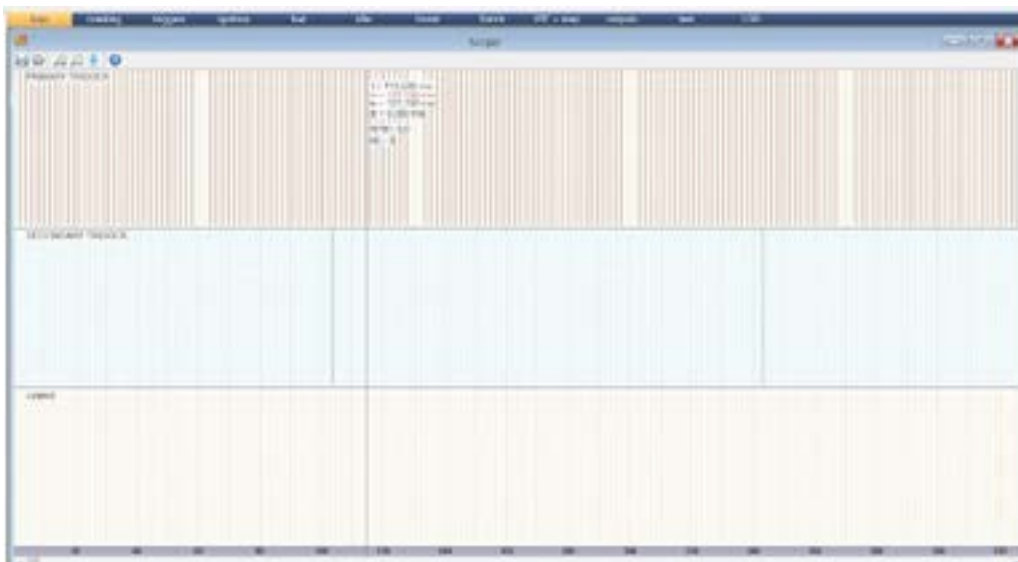
## Installation :

1. Before you install assembled items (2, 3 & 4) on the engine, it is necessary to mill a few millimeters off the oil pump housing (not needed to take off the timing belt).
2. First take off the half moon key and next, the OEM crank outside plate.  
Then put the 36-2 crank gear (7) on the crank nose. The back small bended part has to go directly in the crank gear hole.
3. Screw assembled bracket with sensor (2, 3 & 4) to the oil pump (if you have a plastic timing cover, it is necessary to change bolt (5) placed behind the crank bracket (6)) and set the gap between the sensor and the toothed wheel to about 0.7mm.
4. Put back the half moon key on the crank.
5. Put the crank pulley back and check.

## Sample trigger settings (Ecumaster EMU Black) :



## Sample scope of working car :



**A doubt? A question?**

Do not hesitate to contact us at **+33 185 086 186** or by email **contact@driftshop.com**

## CAM TRIGGER KIT FOR NISSAN RB ENGINES INSTALLATION GUIDE

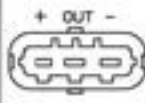
This cam kit fits all RB20, RB25 & RB26 Nissan engines. It does not replace OEM CAS and needs a crankshaft trigger for proper work. A standalone ECU such as Ecumaster, Link or MaxxECU is also required for normal operation.

Contenu :



1. 4 x bolt
2. 2 x sensor spacer
3. Bosch sensor 0 232 103 052
4. Connector 1928403968
5. Cam bracket
6. CAS bracket

Schéma du capteur Bosch 0 232 103 052 :

L	L1	Hall Effect	
---	24,2		

## Installation :

1. Install the cam bracket (5) on the camshaft by removing the OEM washer and using the OEM bolts. We recommend positioning the magnet 90° before the top dead center but this setting can be chosen freely by the tuner.
2. Install the CAS bracket (6) with 3 bolts (1) in place of the old CAS.
3. Measure on sensor hole the distance of the magnet on the cam bracket (5) to the surface of the CAS bracket (6). This step is important because this length can vary depending on the engine, whether it features a metal or plastic cover, or no cover. For this, use sensor spacers (2) to determine the max 1mm distance between cam bracket (5) and Bosch sensor (3). Then screw the Bosch sensor (3) to the CAS bracket (6) with bolt (1). Use the connector (4) to wire it to the harness.

### **A doubt? A question?**

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