



CRANK TRIGGER KIT FOR NISSAN CA18 ENGINES INSTALLATION GUIDE

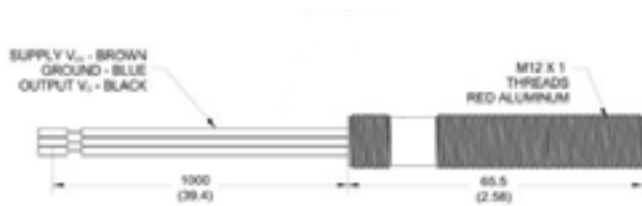
This crank kit fits all CA18DE / CA18DET Nissan engines. A standalone ECU such as Ecumaster, Link or MaxxECU is also required for normal operation.

Contents :



1. 2 x M7 bolt
2. Sensor nut
3. ZF Cherry sensor
4. Connector
5. Sensor bracket
6. 36-2 crank gear

Sensor pinout :



Brown – supply (V)

Blue – ground (-)

Black – output signal

Installation :

1. Take off the OEM crank outside plate.

Then put the 36-2 crank gear (6) on the crank nose. Position it on the semi-moon gap.

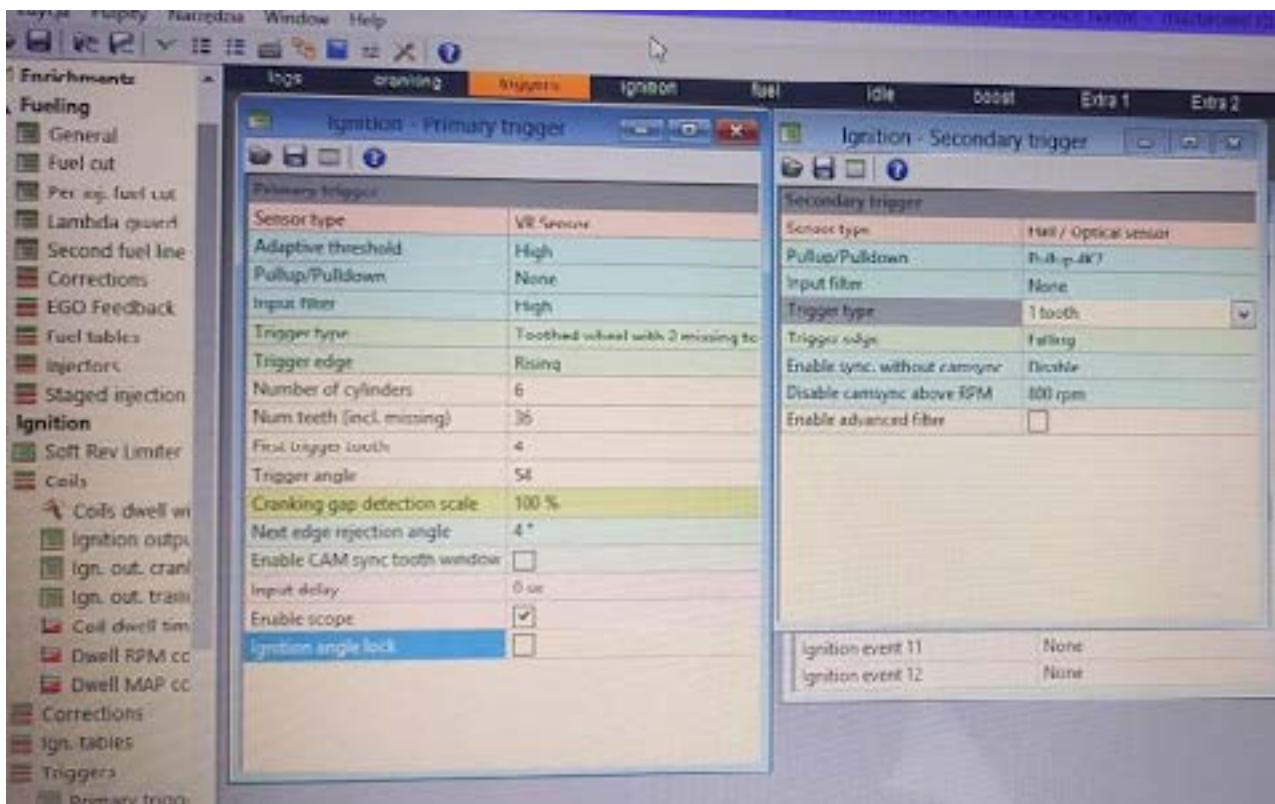
2. Bolt the sensor bracket (5) to the oil pump, then secure the sensor (3) with the sensor nut (2) and set the gap between the sensor and the wheel to about 0.5-0.7mm (photo 1).



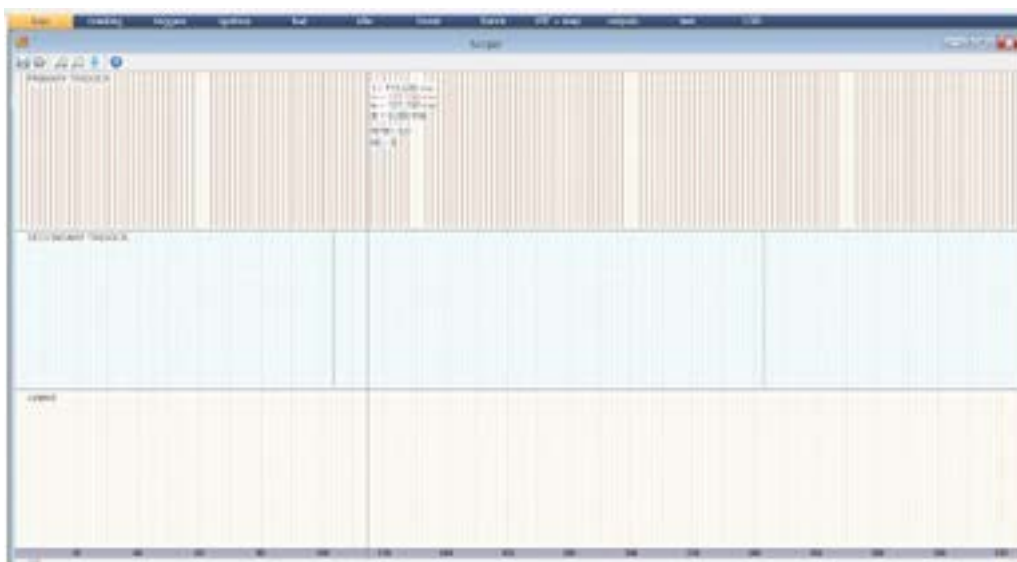
Photo 1

3. Put the crank pulley back in place 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 CA18 ENGINES INSTALLATION GUIDE

This cam kit fits all CA18DE(T) 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.

Contents :



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

Bosch 0 232 103 052 sensor pinout :

L	L1	Hall Effect	
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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.

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