

## AEM Infinity ECU trigger setup

Under basic setup go to Cam/Crank

select Universal 24 Hall Crank 1 Hall Cam

go to Ignition Sync select Show advance setup

in trigger offset put in 580

save that to the ecu then fine tune this value to achieve desired base ignition value

**Note.** Under no circumstances you move the red wire from it's location  
Nissan uses a white wire for their 12v at the Cas on late modle Skylines and red green for trigger signals  
On Some ecu will require the green and Grey to swap their locations

- 1: Before you remove anything. Make sure you have a timing light and record your engine's base timing so you can set your new sensor trigger offset to match what your base timing was before you remove your stock sensor
- 2: remove stock CAS and set it aside you will need to reuse your 3 M6 bolts
- 3: remove the 4 M7 bolts holding your cam gear on your cam shaft
- 4: grind down the 8 corners on the stock washer plate slightly so it can fit inside the new rotor
- 5: install the rotor onto the front of your camgear by lining up the single hole with the dowel hole on your gear using your stock M7 bolts
- 6: install the sensor holder using your stock M6 bolts
- 7: install the sensor by turning the sensor in by hand until it bottom out then back it out 1/2 to 3/4 turn, then lock it in place using a 14mm wrench.( do not over tighten the nut)
- 8: plug in the connector and zip tie to clear any moving parts
- 9: Start engine and check and adjust trigger offset to get your desire base timing.

Sensor wire funtions as follow

Black= Ground

Red= 12v

Grey= Crank signal which simulate 12 Crank or 24 Cam pulses per engine Revolution

Green= Cam Ref signal which is 1 pulse per engine revolution