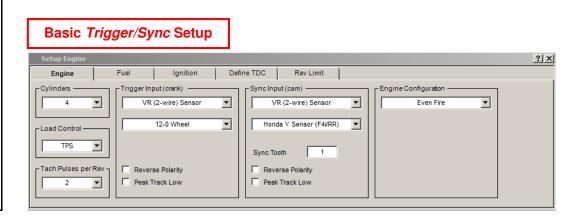


## AN001 – Application Note Trigger and Sync Definitions for Honda CBR600F4i Release Date 1/27/12

Firmware/Software Version: PE3 V3.02.01 and higher			
Relevant Hardware:	Stock Honda CBR600F4i motorcycle engine		
	The setup below assumes that the coils and injectors are wired in the order of the engine firing order. See below.		
Additional Notes:	Coil #1 = Cylinder #1 Coil #2 = Cylinder #2 Coil #3 = Cylinder #4 Coil #4 = Cylinder #3		
	Injector #1 = Cylinder #1 Injector #2 = Cylinder #2 Injector #3 = Cylinder #4 Injector #4 = Cylinder #3		



## **Trigger Diagnostic Plot**



## Define TDC Setup

Setup Engine					?
Engine Fuel	Ignition De	efine TDC Rev Limi	t		
Define TDC	Cylinder Cylinder #1 #2	Cylinder Cylinder #3 #4	Cylinder Cylinder #5 #6	Cylinder Cylinder #7 #8	
Tooth Before TDC (Compression Only)	15 21	3 9	0 0	0 0	
Angle from Tooth to Sensor at TDC	12 12	12 12	0 0	0 0	
Tooth before TDC = 0 - means cylinde	r NOT USED				