

### **Haltech Support Center**

# **2RZ/3RZFE Trigger Information**

## **Sensor Information**

### Crank/Cam Sensor

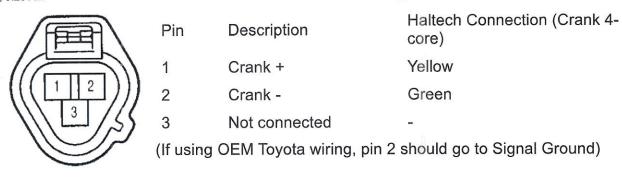
Waste-spark coilpack variants of this engine use a Crank Position Sensor in the block, and a Cam Position Sensor in the head. Distributor models do not have a cam sensor in the head - however some have the cam position sensor incorporated into the distributor housing.

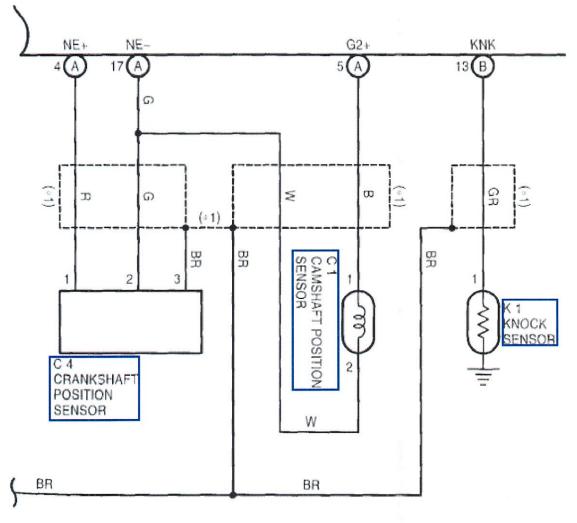
#### **Crank Sensor**

The crank trigger located behind the timing chain drive gear on the crank with the sensor near the alternator. All models have a 36-2 pattern (34 physical teeth; 36 teeth with 2 removed).







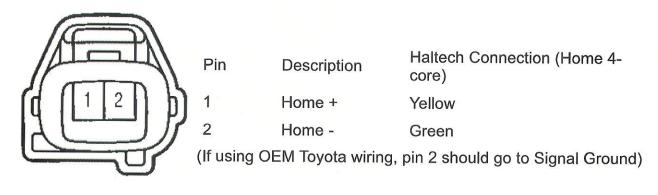


#### **Cam Sensor**

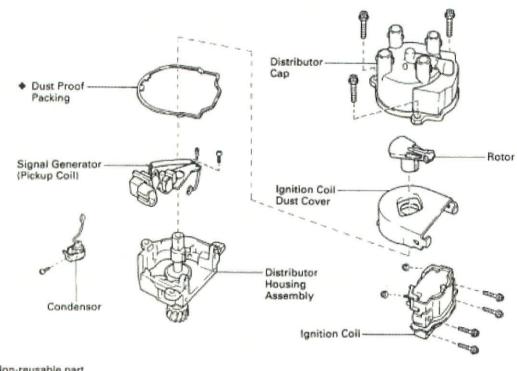
The cam sensor can be found in either the cylinder head (coilpack models), or distributor.

#### Coilpack models



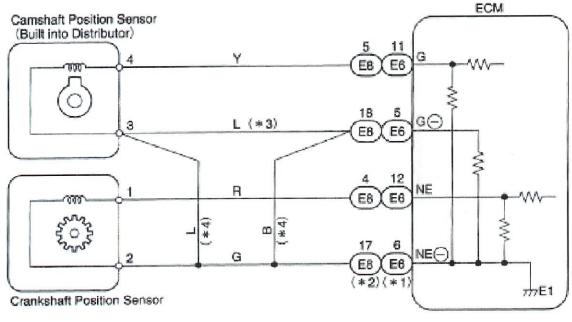


### Distributor models (note: Not all distributors have a home sensor)



Non-reusable part

P/07930



\* 1 : 3RZ-FE A/T

\*2:3RZ-FE M/T, 2RZ-FE

\*3:3RZ-FE, 2RZ-FE M/T

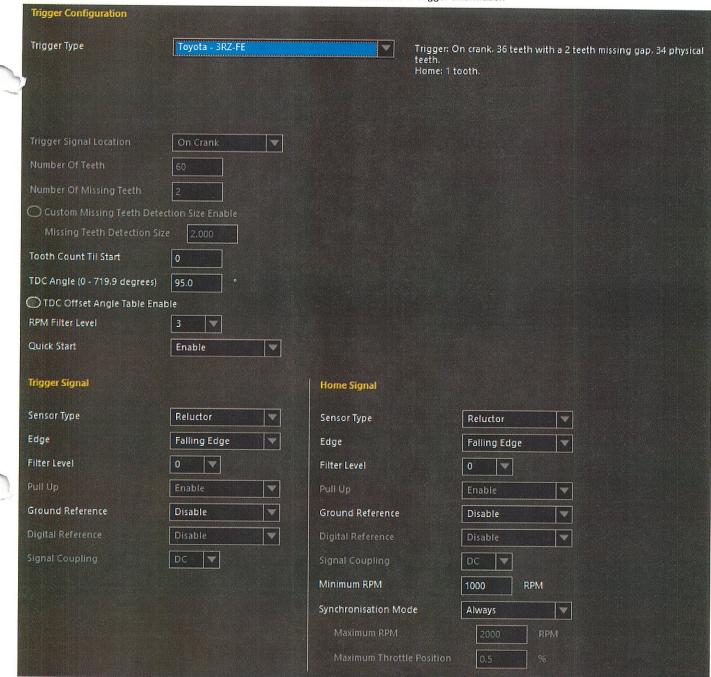
\*4:2RZ-FE A/T

4-

| Pin | Description | Haltech Connection (Home core) |
|-----|-------------|--------------------------------|
| 4   | Home +      | Yellow                         |
| 3   | Home -      | Green                          |

(If using OEM Toyota wiring, pin 3 should go to Signal Ground)

# **Trigger Configuration**



Note: If using Toyota OEM wiring, 'Ground Reference' must be set to Enabled.

https://support.haltech.com/portal/en/kb/articles/2rz-3rzfe-trigger-information