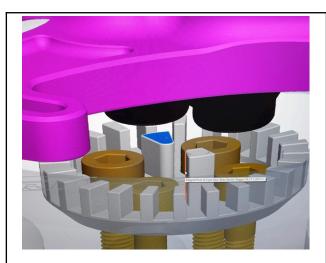


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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS





Install the trigger disc on your exhaust cam gear using the titanium low magnetic interference M7 bolts provided, (you may have been supplied a GEN-1 Kit that may have the High tensile steel version as pictured) Please contact us if magnetic interference becomes an issue, but with our very specific sensor gaps you should be fine with either.



Install the CAS bracket and trigger mount. Also install the black MoTeC sensors. Measure the sensor gaps, you can do this with a feeler gauge under the sensor tabs.



Inner sensor **Home** (single tooth) gap = **2mm**. Outer sensor **Crank** (RPM) gap = **1mm**.

You should only need to shim each sensor with the same sized shim to achieve the recommended gap. Before you ask questions, ensure you have these gaps.

Trouble Shooting

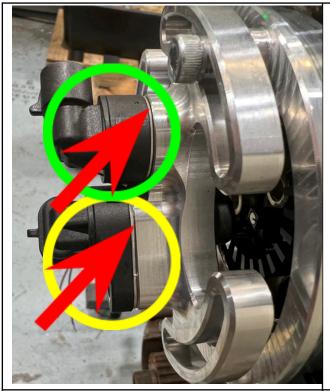
The home sensor can work up to 7mm of gap, so increase the gap above 2mm if you are having issues.



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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS



You may find you only need small spacers to hit your required air gap or close to it.

Alternatively you may need the bigger spacers as shown here.

GENERAL WIRING INFORMATION

NOTE: Subsequent to electronic setup pages linked below, the MoTeC Hall effect sensor must have a supply voltage of no less than 12V DC. OEM Nissan wiring supplies ECU 12v to the CAS and is OK to use.



Always confirm TDC Offset Angle with a timing light!

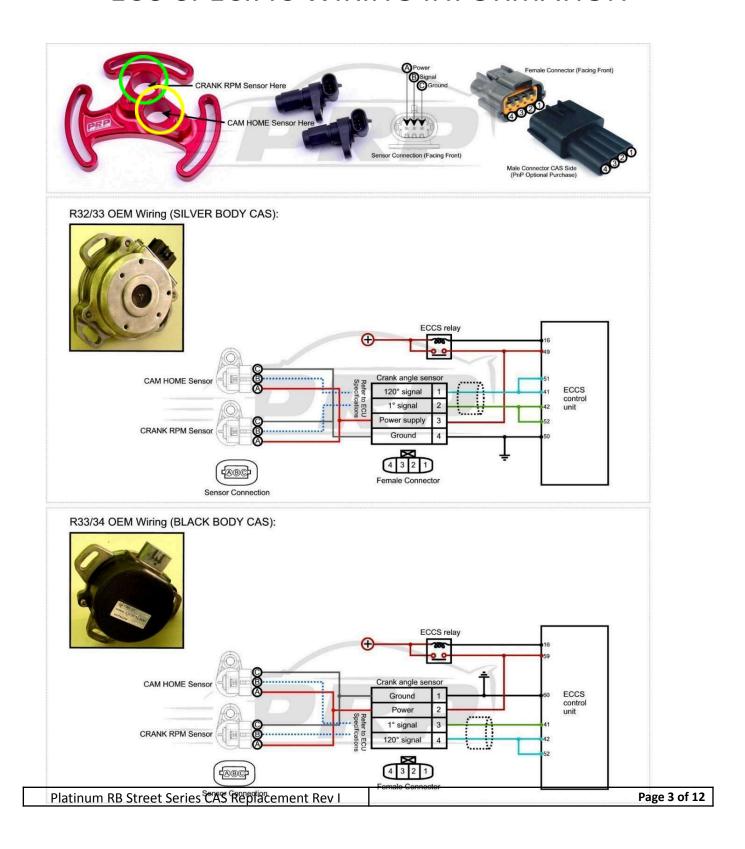


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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS

ECU SPECIFIC WIRING INFORMATION





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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS



Sensor Connection (Facing Front)

ECU	PIN A	PIN B	PIN B	PIN C
		(outer sensor)	(inner sensor)	
Haltech Nexus	ECU 12v	B1 Trigger+	B2 Home+	Signal Ground
Haltech Elite 1xxx/2xxx	ECU 12v	B1 Trigger+	B2 Home+	Signal Ground
Haltech Elite w/ Patch	OEM CAS 12v	OEM 120° Pin	OEM 1° Pin	OEM Ground Pin
Haltech Elite 750	ECU 12v	31 Trigger+	32 Home+	Signal Ground
Haltech Sport	ECU 12v	B1 Trigger+	B2 Home+	Signal Ground
Haltech Platinum Pro	OEM CAS 12v	OEM 1° Pin	OEM 120° Pin	OEM Ground Pin
MoTeC M130	ECU 12v	B1 REF UDIG1	B2 SYNC UDIG2	Sensor 0v
MoTeC M150	ECU 12v	D1 REF UDIG1	D2 SYNC UDIG2	Sensor 0v
Motec Hundred Series	ECU 12v	B1 REF	B2 SYNC	Sensor 0v
LinkECU Plugin	OEM CAS 12v	OEM 1°	OEM 120°	OEM Ground Pin
LinkECU Universal	ECU 12v	Trigger 1	Trigger 2	Gnd Out



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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS

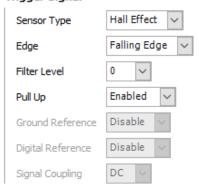
ECU SPECIFIC WIRING INFORMATION



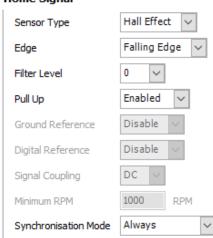
Trigger Configuration

Trigger Type	Generic - Multi-tooth - Single Tooth Home
Trigger Signal Location	On Cam 🗸
Number Of Teeth	24
Number Of Missing Teeth	2
TDC Offset Angle	100.0 °
☐ TDC Offset Angle Table Enable	
RPM Filter Level	1 🗸
Quick Start	Disable V

Trigger Signal



Home Signal

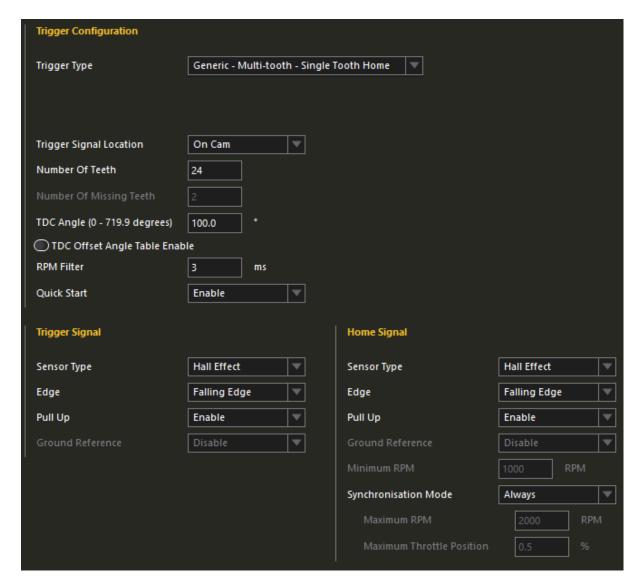




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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS





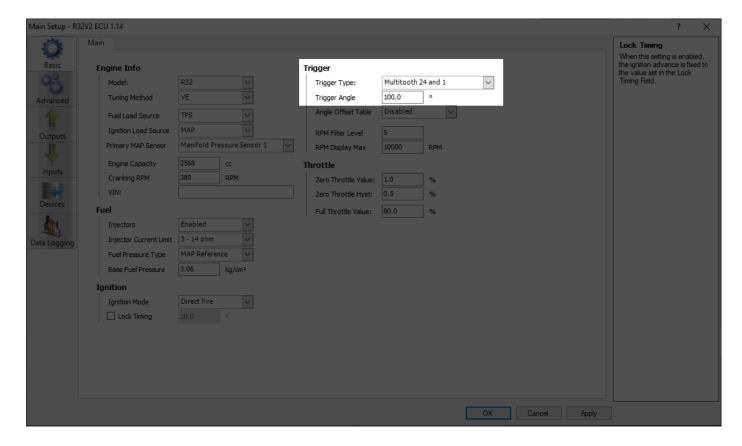


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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS







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ECU SPECIFIC SETUP INFORMATION



M1XXX Series



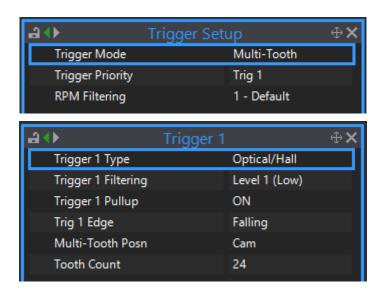


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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS





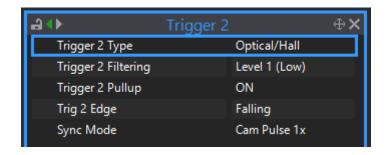




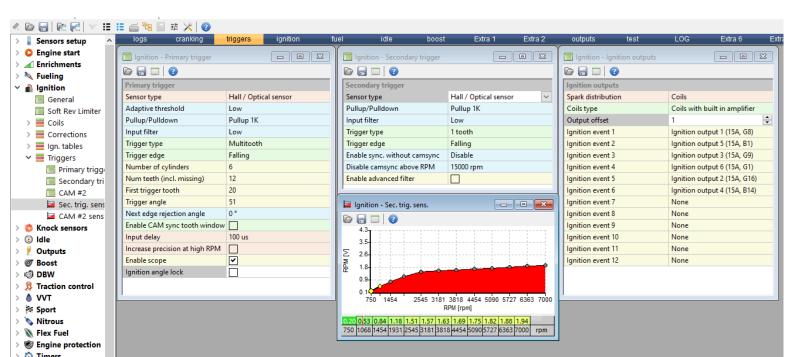
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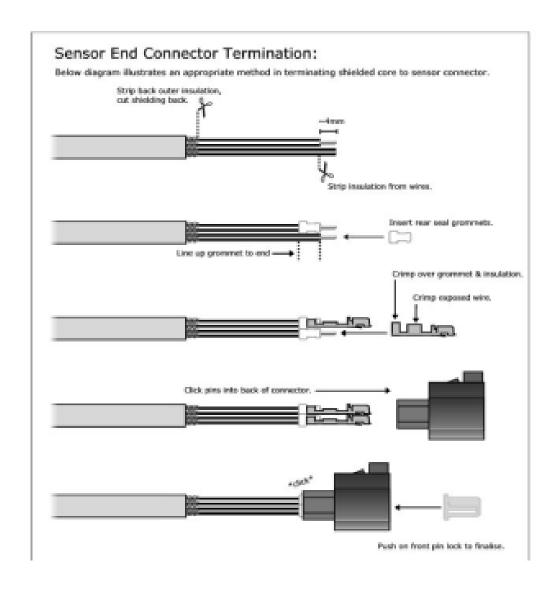
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RB STREET SERIES CAS REPLACEMENT INSTRUCTIONS

HELPFUL INFORMATION & LINKS

Haltech Wiring Diagrams

Haltech Pinouts, Guides, Manuals





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