



SONIC INJECTION

36-1 CRANK TRIGGER KIT

INSTALLATION AND SET UP

SONIC Injection would like Thank you for your purchase. Your SONIC Injection Crank Trigger Kit has been proudly produced to provide simple installation and setup. Our Engine Specific Crank Trigger Kits should be relatively straight forward to install.

INSTALLATION

1. Install Trigger wheel with Logo Facing forward
2. Phase TDC marker on Trigger Wheel with TDC marker on balancer
3. Secure using supplied Hardware
4. Install Sensor Bracket (Just tighten snug for now)
5. Fit Sensor to Bracket with Supplied Hardware
6. Terminate Shielded cable from ECU to Sensor Connector
7. Plug Connector into Sensor

ADJUSTMENT

1. Centre sensor with trigger wheel and tighten fully
2. Adjust Sensor Bracket to Achieve a Sensor to Wheel Gap of 2mm
3. Tighten Bracket to Engine.

ECU SET UP

1. Wheel configuration = 36-1
2. Tooth #1 Angle BTDC = 56-60Deg
3. Sensor Type = Magnetic
4. Signal Edge = Rising

Ensure you have a meaningful Tachometer Signal and Engine to ECU timing is synced before you attempt start up. See your ECU user manual for Timing Sync Adjustment procedure.

Enjoy Your Motoring.....**SONIC INJECTION**

TROUBLESHOOTING

Unstable Tach Signal

- Check Sensor to Wheel Alignment
- Narrow Sensor to Wheel Gap

WARRANTY

SONIC Injection uses the highest quality materials in the construction of its Products. Pre inspection of all products is required before installation or modification. In the unlikely event that you find a product defect please contact SONIC Injection for a replacement.

RELATED PRODUCTS

Coil Brackets

SONIC Injection manufactures Coil brackets in to suit many Coil types and configurations. Check out our website for one to suit you.

PRODUCT DEVELOPMENT

SONIC Injection seeks engines from time to time for product development. Any customer providing an engine to SONIC Injection for product development will be suitably rewarded for their efforts. Contact us if you would like to help and are able to provide a suitable engine for product development

CONTACTS

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