



## INTRODUCING THE

# JMS EGT KIT PLUG AND PLAY MONITORING

THE JMS EGT KIT IS DESIGNED TO ACCURATELY MONITOR YOUR EXHAUST GAS TEMPERATURE.

The JMS Exhaust Gas Temperature Sensor Kit works with all SCT Handheld tuners and utilizes the standard FireWire analog input connector found on their devices. Exhaust Gas Temperature is a critical element in performance tuning. Monitoring EGT readings are essential to eliminating engine failures that result from excessive heat.

- Plug and Play EGT Monitoring designed for all SCT Handheld Tuning Devices.
- Compatible with other brands of tuners.
- Sealed enclosure, compact design.
- Stainless Steel EGT Probe with a dual-ferrule compression fitting and 1/8" NPT thread.
- RFI shielded EGT Probe cable and industry standard K-type EGT connector.
- Two versions available: DB9 to Firewire cable or encapsulated Firewire cable.
- Easy to setup and use.



### DB9 to Firewire cable Universal EGT Kit

Part Number: 9617-A

Includes: EGT Amplifier, EGT Probe, DB9 to Firewire Cable and detailed wiring instructions. Can be plugged directly into SCT handheld devices or wired into o



### Plug & Play Firewire cable EGT Kit

Part Number: 9617-B

Includes: EGT Amplifier with encapsulated Firewire Cable, EGT Probe and detailed instructions. Can be plugged directly into SCT handheld devices or wired into other brands of tuners.



## TECHNICAL SPECIFICATIONS

### SIMPLE INSTALLATION:

Plug and Play firewire wiring harness.  
Connects to your existing SCT Handheld Tuning Device via included firewire cable.  
Works with any vehicle monitoring device that can read a 0-5v DC signal.

### CASE DIMENSIONS:

Black Rubberized Case with two mounting holes.  
LENGTH: 1 7/8"  
WIDTH: 1 3/8"  
HEIGHT: 5/8"

### OVERVIEW:

The JMS EGT Kit has been designed to accurately condition and amplify the signal from a Type "K" EGT probe. Installation Configuration is simple. On a SCT Handheld Tuning Device, plug in the Firewire Cable, connect the EGT Probe and configure the analog input. To use with any other brands of tuner, wire in the device and configure the analog.

### EGT OUTPUT VOLTAGE RANGE:

0V - 5V DC



### VEHICLE COMPATIBILITY:

Compatible with 5v (VCC) or 12V battery systems  
pn: 9617-A - DB9 to Firewire (can be powered via 5v or 12v)  
pn: 9617-B - Encapsulated Firewire (powered by 5v only)

### DEVICE INPUTS & OUTPUTS:

K Type Thermocouple Connector  
9617-A utilizes a Female DB-9 connector and is designed to be wired into any 0-5V monitoring device.  
EGT Amplifier can be powered via 12v or 5v DC (9617-A only).  
Unbuffered and Buffered 0-5V DC outputs available (9617-A only)  
9617-B utilizes a encapsulated firewire for Plug & Play wiring with SCT Handheld Tuning Devices.

### KIT CONTENTS:

JMS EGT Amplifier part number 9617-A or 9617-B with 5 foot cable.  
Stainless Steel EGT probe with standard K Type connector, 78 inch RFI shield cable and 1/8th NPT, dual-ferrule compression fitting.  
Installation Parts Package

### INSTALLATION PARTS PACKAGE INCLUDES:

Instructions & tie wraps



### **DB9 to Firewire cable Universal EGT Kit**

Part Number: 9617-A

*Includes: EGT Amplifier, EGT Probe, DB9 to Firewire Cable and detailed wiring instructions. Can be plugged directly into SCT Handheld devices or wired into other brands of tuners.*

### **Plug & Play Firewire cable EGT Kit**

Part Number: 9617-B

*Includes: EGT Amplifier with encapsulated Firewire Cable, EGT Probe and detailed instructions. Can be plugged directly into SCT Handheld devices or wired into other brands of*

Works on all diesel or gas vehicles.  
Plug & Play with SCT Devices, or wire into your monitoring device.