



**1CH CAN EGT MODULE  
554-188C**

**IMPORTANT! Requires software and firmware version 5 build 31 or later.**

**OVERVIEW:**

The 1CH CAN EGT controller is designed for use with a K-type thermocouple using a “mini-k” connector. The accurate temperature measurement range is 32-2282F (0-1250C) with an accuracy of +/- 5 degrees F. The 1CH CAN EGT Module is designed to be plug and play with compatible Holley EFI products such as HP and Dominator EFI systems.

**SPECS:**

Voltage range	6.5-24 volts
Operating Temperature range	-40–221F (-40-105C)
Update rate	33hz

**LED:**

The EGT module has a Green LED that indicates basic functionality of the unit.

LED Status	Description
Solid ON	Device operation normal
Flashing	No Thermocouple connected or thermocouple failed

**MOUNTING:**

**NOTE:** Before mounting, it is recommended to record the CAN ID/Serial number from the sticker on the bottom side of the unit for use during software setup.

The EGT module is designed to be installed with a zip-tie or a pair of #6 or #8 screws.

**WIRING:**

The supplied harness comes with two CAN connectors (one male, one female) that plug into Holley Main harnesses or the 558-412 kit (Dominator only). The CAN connector also acts as the power and ground for the unit meaning no additional wiring is required.

## SOFTWARE SETUP:

If you do not have the I/O ICF in your tune, go to Toolbox → add individual icf → IO to add the ICF to your tune.

In your tune, go to the I/O ICF, enable one input, and change the TYPE to CAN. Label the channel with a unique name such as “CAN EGT”.

#	NAME	TYPE	ECU PIN	ENABLE	Configure	Where Used
#1	CAN EGT	CAN	NOT DEFINED	<input checked="" type="checkbox"/> Enable	Configure	Where Used
#2		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#3		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#4		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#5		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#6		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#7		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#8		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#9		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#10		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#11		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#12		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#13		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#14		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#15		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#16		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#17		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#18		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#19		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#20		GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used

Next select the configure button for the Input and set it up as follows:

- 1) Select CAN device “EGT 1 Ch”.

**CAN EGT SETTINGS**

Type: Accelerometer  
Units: G  
Format: 1.2  
Sensor Min: -5.0 G  
Display Min: -5.0 G  
Caution Min: -3.0 G  
Normal Min: -2.0 G  
Offset: 0.00 G

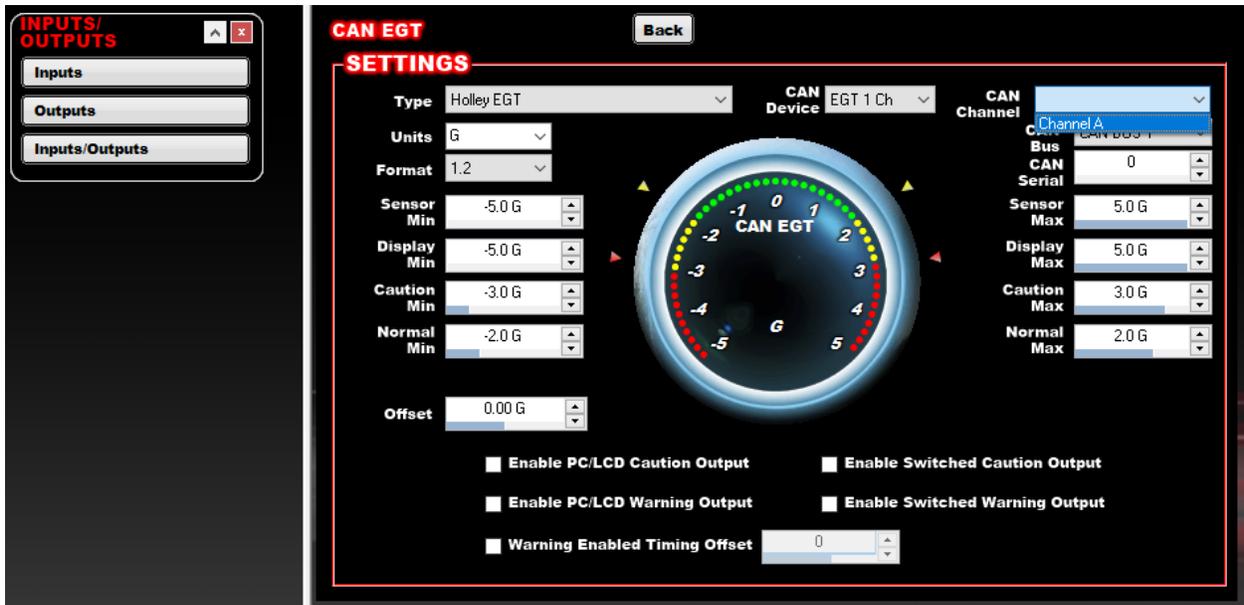
Enable PC/LCD Caution Output  
 Enable PC/LCD Warning Output  
 Warning Enabled Timing Offset: 0

CAN Device: EGT 1 Ch

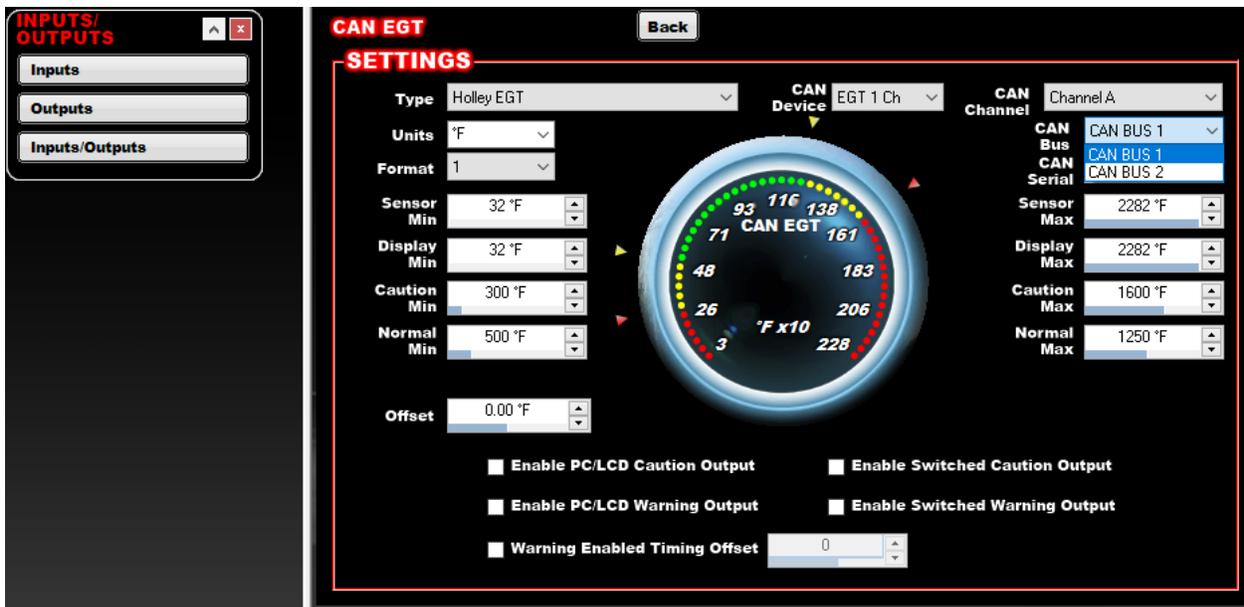
CAN Channel: Channel #0  
CAN Bus: CAN BUS 1  
CAN Serial: 0  
Sensor Max: 5.0 G  
Display Max: 5.0 G  
Caution Max: 3.0 G  
Normal Max: 2.0 G

Enable PC/LCD Caution Output  
 Enable PC/LCD Warning Output

2) Select CAN channel A in the CAN Channel dropdown.



3) Select the Proper CAN Bus Channel. "CAN BUS 1" is the connector on the main harness. "CAN BUS 2" is on the J3 connector available only on Dominators.



- 4) Select the "CAN Serial" that matches your controller. This is a unique number and will be different on each controller. It can be found on the bottom sticker of the controller.

