



Chevrolet C6 Plug in kit

This document is intended for use by a technical audience and describes a number of procedures that are potentially hazardous. Installations should be carried out by competent persons only.

Syvecs and the author accept no liability for any damage caused by the incorrect installation or configuration of the equipment.

Please Note that due to frequent firmware changes certain windows might not be the same as the manual illustrates. If so please contact the Syvecs Tech Team for Assistance.

Support@Syvecs.com



Parts Supplied:

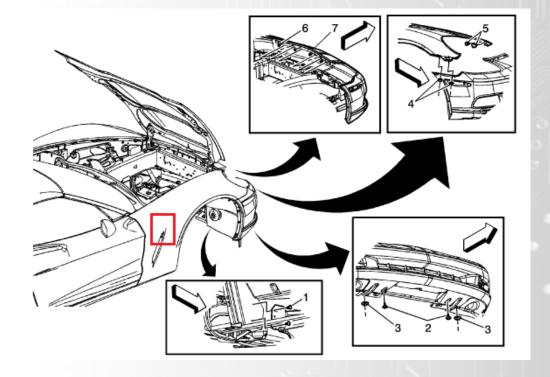
Syvecs S7Plus ECU Loom Adapter

Installation

1 Remove the Negative Terminal from the battery on the Vehicle to be extra safe with electrical components.



 $2\,$ The OEM ECU is found behind the front right fender as shown below, this needs to be removed to gain access to the ECU





Unplug and Remove the Factory ECU



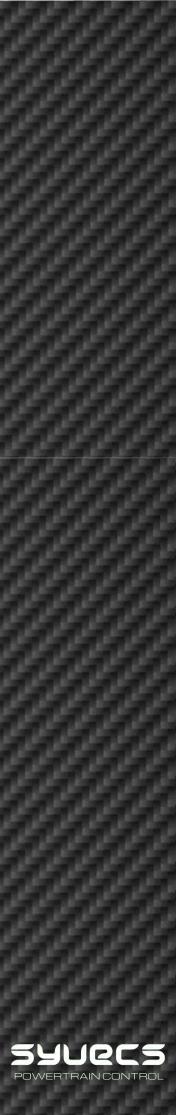


Plug in and Mount the Syvecs S7 Kit



 $5\,$ Re-Fit the fender and reconnect the battery





Calibration Switching

The Oem Cruise lever on the Corvette C6 is used to do calibration switching on the Syvecs Ecu.

Cruise Up = Cal Up Cruise Set- Cruise Switch



The Rpm Gauge will show the active CalSelect selection when changing is preformed via cruise levers. The HP Gauge will also show Ethanol Content



Custom Features

FlexFuel Content - The original dash displays the Ethanol content (FuelComp) in the Fuel Level on the dash when changing calibration switch position. It is displayed for 1 Second.



FlatShift - The Clutch Pedal on manual transmission cars acts as a Gearcut Request flag and Launch Switch. When going full throttle drivers do-not need to remove the foot off the accelerator when up shifting. The Ecu will apply torque reductions to hold the RPM and boost if the engine is turbo'd.



MPG and Odo adjustments - The MPG and Odometer scaling on the dash can be adjusted in our Scal Software under i/O Configuration - CarCoding

```
▼ 10 Configuration
Pin Assignments - f(Pin Use)
Mark Cylinders With No Assigned Injection As Shut Down
Mark Cylinders With No Assigned Ignition As Shut Down

▶ SENT Sensor Inputs
▼ Car Coding
Car Code 01 [Spare] [Spare]
Car Code 02 [Spare] [Spare]
Car Code 03 [OdoMeter Scaler] [Spare]
Car Code 04 [MPG Scaler] [MpgScaler]
Car Code 05
Car Code 06
```



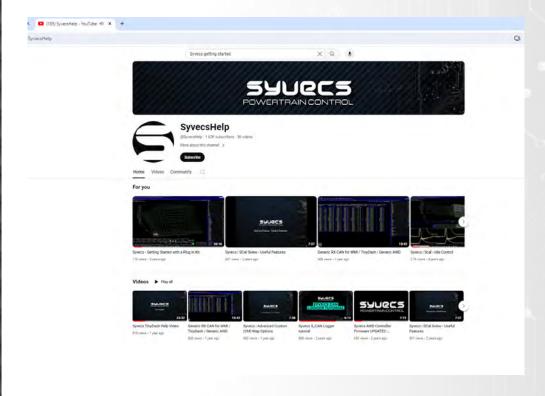
Support / Training

Dealer Support can be obtained from Support@Syvecs.com End Users Support from Syvecs Forum

A getting started help video is found here for plug in kits https://www.youtube.com/watch?v=jqDPKCQYzo0&t=1498s

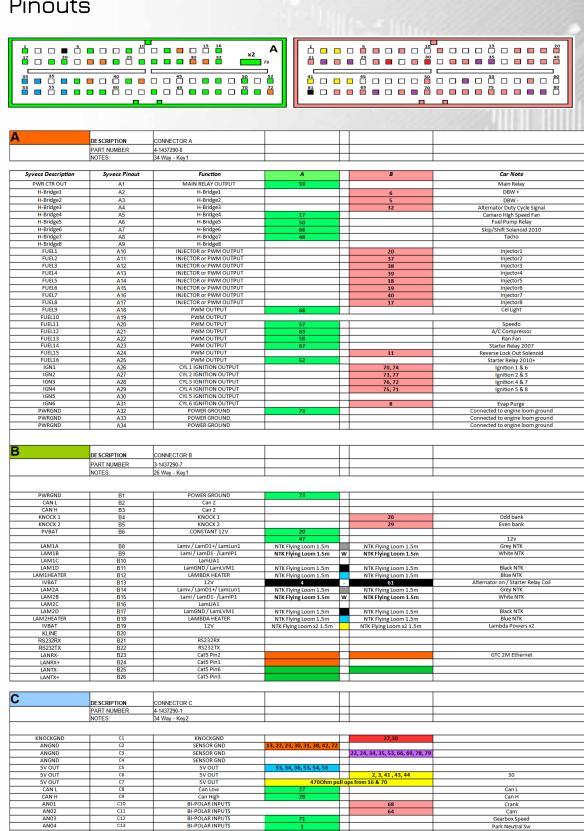


More Syvecs Help videos can be found on our YouTube Page www.youtube.com/SyvecsHelp





Pinouts



Park Neutral S uel Tank Press

PPS2 TPS1 TPS2

Fuel Level Sec

Ign Switch

Ign Switch
Clutch Sw 2007
Brake Sw
AC Pressure
Oil Pressure
Clutch Signal Position 1
MAF - Use for Flex F

21 470ohm Pull up to C7

470ohm Pull up to C7

BI-POLAR INPUTS
UNI-POLAR INPUTS
UNI-POLAR INPUTS
UNI-POLAR INPUTS
UNI-POLAR INPUTS
VOLT-INPUTS
VOLT-INPUTS
VOLT-INPUTS
VOLT-INPUTS
PERSISTIVE INDUITS

RESISTIVE INPUTS
RESISTIVE INPUTS
RESISTIVE INPUTS

RESISTIVE INPUTS

EGT1 + MAIN RELAY INPUT SW

MAIN RELAY INPUTS
UNI-POLAR INPUTS

AN05

AN09

AN13

AN16

EGT1

PWR CTR IN

C14

C26

C28

