



## Impreza ECU

High performance plug n play EMS for the Subaru Impreza



The GEMS Subaru Impreza Engine ECU is a highly capable and fully customisable engine implant built with rallying in mind. With full anti-lag, launch control, twin channel VVC and much more, the Impreza ECU has got the technology needed to take your impreza to a higher level.

The GEMS Subaru Impreza ECU's are being extensively used in rallying throughout the world and have proven themselves time and again. These are fully pin-to-pin compatible with the Subaru Impreza standard looms, and bolt directly into the standard case.

### + Features

- > Fits into Impreza standard case and loom
- > Comprehensive anti-lag system
- > Launch Control
- > Internal logging facility
- > Support for development sensors i.e. Wide band lambda and EGT
- > Customizable AVCS (STI)
- > Logging of serial and CAN data
- > Lambda control and auto mapping
- > Knock control
- > Boost control
- > Idle speed control
- > Gear correction
- > Individual cylinder control
- > Tumble control (WRX)
- > Re-flashable firmware

### + Specifications

- > Comms: serial and CAN ('08 - Dual CAN)
- > All standard outputs plus 2 spare
- > All standard inputs plus 2 spare
- > Wideband Lambda Input
- > 512KB logging memory ('08 - 8MB)
- > User configurable I/O
- > Single piece PCB

Available for WRX and STI model years: 94 to 08

### INDUSTRY SECTORS

- > Rallying
- > Racing
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### PRODUCTS AND SERVICES

- > Engine Management Systems
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- > Data Acquisition Systems
- > Power Management Systems

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