

SPECIFICATIONS

Supported Models: Honda Integra DC5 (JDM and ADM) 2005-2006, Acura RSX (UDM) 2005-2006
Engine Codes: K20Z1
Transmission: Manual Only (Automatic Not Supported)
Features: Direct plug and play replacement of the OEM ECU, No re-wiring necessary
 Uses the cars factory sensors
 Supports Honda's VTEC and VCT Control
 Supports Sequential Injection (peak and hold) and Direct fire ignition
 Windows 2000, XP, Vista, Windows 7 compatible software
 Real time programming, instant hesitation free adjustment while engine is running
 Fully user definable 32 x 32 mapping
 Tuning via Volumetric Efficiency (VE) or Injection time
 Diagnostic Trouble Code Storing & Malfunction Indicator Lamp (MIL) Control (Access through laptop only)
 Selectable onboard internal MAP sensor rated to 150kPa (up to 1.5 Bar or 22psi boost)
 Wideband "auto tuning" using user definable target AFR table
 USB and CAN Communication Port

Factory Outputs:

4 x Fuel Injector outputs	4 x Ignition outputs	AC Clutch Relay
Check Engine Light	Fuel Pump	Idle Control
Thermo Fan	Variable Cam Timing (VCT)	VTEC

Factory Inputs:

MAP sensor	Throttle Position Sensor	Knock Detection Sensor
Narrow Band Oxygen sensor	Coolant Temperature sensor	Vehicle Speed Sensor
Air Temperature sensor	Power Steering Input	

Expansion I/O*: ***Optional auxiliary harness required to be purchased Haltech Part # HT040003**

Configurable for:

2 x Analogue Voltage inputs	2 x Analogue Temperature inputs	4 x Digital pulsed outputs
Aux Rev Limiter	Air Temperature Sensor	Air Temperature Switch
Brake Pedal Input	Exhaust Gas Temperature Sensors	Aux Fuel Pump
Flat Shift	Fuel Temperature Sensors	Battery Light
NOS Enable	Oil Temperature Sensors	Boost Control
Fuel Pressure Sensor		Coolant Temperature Switch
External Map Sensor (Up to 145psi)		Generic Duty Output
Oil Pressure Sensor		MAP Sensor Switch
Wideband O2 Sensors		Nitrous Activation Switch
		RPM Switch
		Tacho Output
		Thermofan Switch
		Vehicle Speed Switch

Functions:

Closed Loop O2 Control	Knock Control	Long Term Fuel Trim	Rev Limiter
Closed & Open Loop Boost Control	Gear Setup	Transient Throttle Enhance	Over Boost
VTEC on INJ / IGN	VTEC on CAM	Decel Cut	

Correction Tables:

Fuel	Ignition	Boost
Cranking	Cranking	Air Temp Target Correction
Air Temperature Correction	Air Temperature Correction	Air Temp Duty Correction
Coolant Temperature Correction	Coolant Temperature Correction	Coolant Temp Correction
Map Correction	Zero Throttle	Gear Correction
Cylinder Trim	Cylinder Trim	TPS Correction
Generic Correction 1*	Generic Correction 1*	Generic Correction*
Generic Correction 2*	Generic Correction 2*	
Gear Correction	Gear Correction	
Post Start		

*Generic Correction tables have user definable axis

Miscellaneous: Data Logging: 448Kb of onboard data logging, Storage for approx 40 minutes at 10 logs per seconds, 6 channels of data
 Max 20 channels logging capability
 Tune can be password protected in software
 Rugged anodized aluminum casing

Factory Functions Not Supported: Honda Wideband O2 Sensor
 Immobiliser

Power Requirements:
Source: 8.6 to 16.5 Volts DC
Consumption: 530mA @ 12Volts DC

Physical Specifications: Length: 158mm (176mm with MAP nipple)
 Width: 158mm
 Height: 42mm
 Weight: 680g (1.5 lb)

Platinum Pro Plug-in Kit Includes: Pro Plug-in ECU
 USB Cable
 Programming Software CD
 Quick Start Guide
 Instruction Manual (on CD)
 Haltech Sticker

