

ProyectECU Launch Manual



Instrucciones de instalación

ADVERTENCIA: Los limitadores de revoluciones basados en chispas pueden dañar los convertidores catalíticos. Si tiene convertidores catalíticos en su automóvil, ProyectECU no se hace responsable de los daños causados por el Launch. Dicho esto, se han realizado muchas instalaciones exitosas en vehículos equipados con convertidor catalítico. Por lo general, el daño solo es causado por el uso de la función de control de lanzamiento durante más de unos segundos, pero una vez más, ¡UTILICE BAJO SU PROPIO RIESGO SI TIENE CONVERTIDORES CATALÍTICOS!

Dirija los cables de la manera que desee que queden permanentemente antes de conectarlos. Corte los cables a la medida antes de soldarlos; evite enrollar cables de excesiva longitud ya que pueden causar ruido en el circuito, alterando el funcionamiento del Launch. Pasar más tiempo aquí mejorará la estética de la instalación. Se incluyen bridas para proteger los cables del calor, las piezas móviles, los bordes afilados o cualquier otra cosa que pueda dañar los cables.

ProjectECU Launch									
	A	B	C	D	E	F	G	H	
1						5V	Launch	12V	1
2						GND	Tach In	GND	2
3						NEO	Pot1	Coils	3
4							Pot2	GND	4



Big Pins

colors may vary

Figura I: Pinout conector

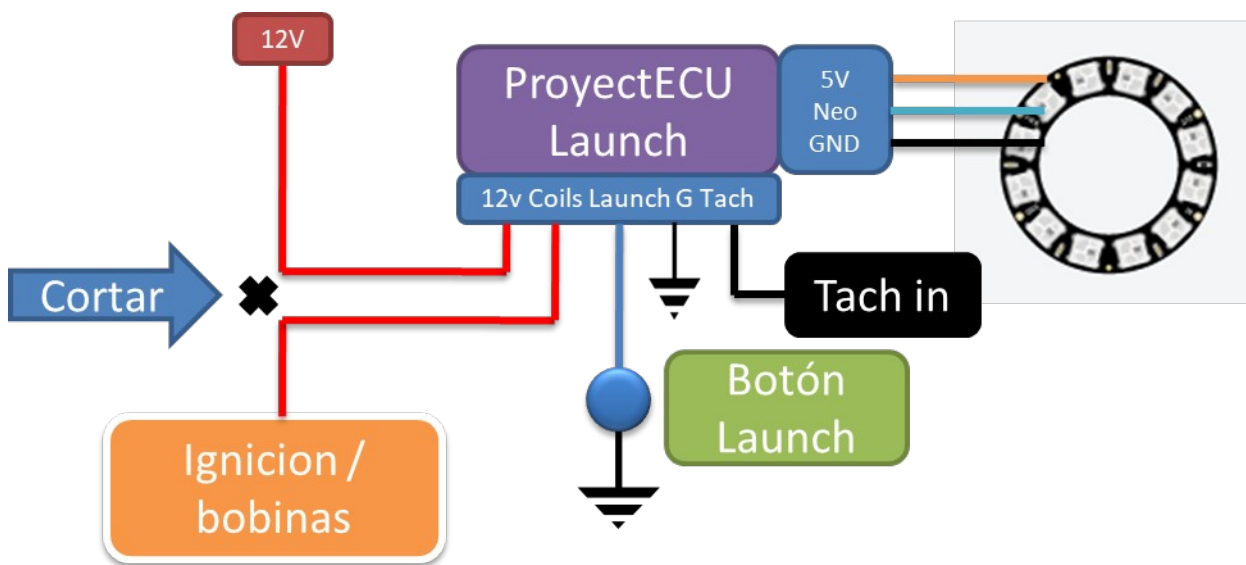


Figura 2: Esquema de instalación

Instrucciones de instalación:

1. Desconecte el terminal negativo de la batería.
2. Elija una ubicación para montar el Launch. El Launch debe instalarse dentro del habitáculo ya que no es impermeable.
3. Ubique el cable que alimenta la(s) bobina(s) y haga un corte. El lado que va de 12V va a 12V en el Launch, el otro lado (que va a alimentar las bobinas) va a Coils en el Launch.
4. Extienda esos cables al interior de la cabina y conéctelos al Launch.
5. Conecte GND al Launch.

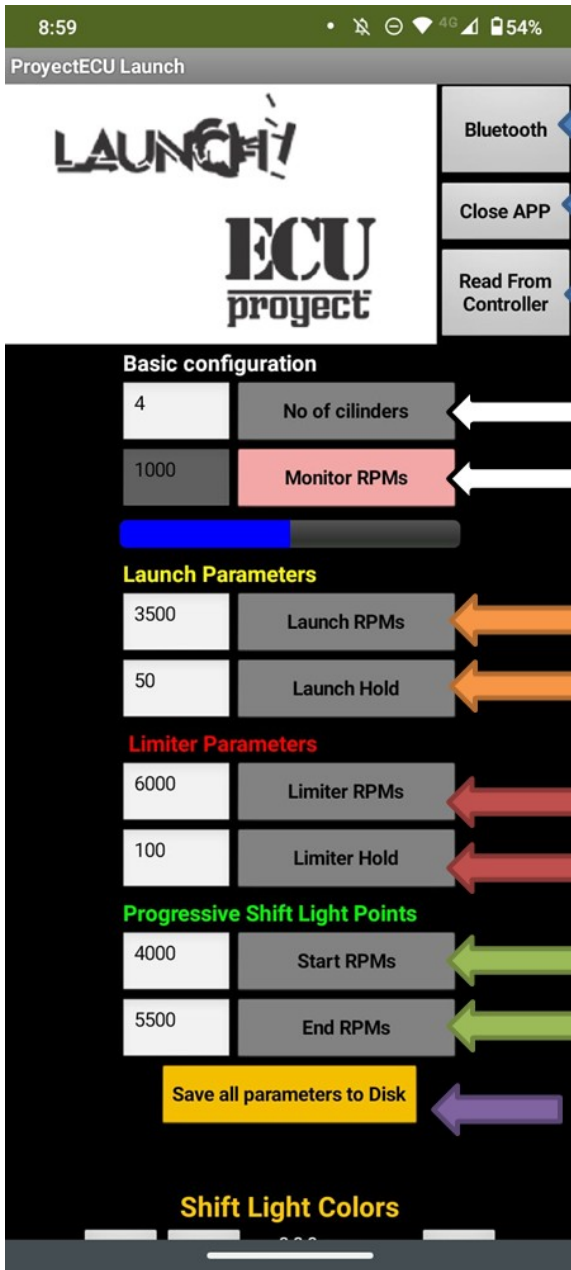
6. Conecte un interruptor de activación al Launch ya GND.
7. Conecte Tach in a salida Tach del ECU.
8. Baje la APP Launch de la Play Store (link en zona de descargas web ProyectoECU.com).
9. Encienda el switch de encendido para que prenda el módulo Launch.
10. Desde el celular encienda el bluetooth, y haga pairing desde el celular a dispositivo llamado ProyectoECU Launch, usando el password 1111.
11. Abra la app Launch, y presione botón Bluetooth, elija el ProyectoECU Launch de la lista, espere a que conecte y luego presione Read From Controller.
12. De manera opcional usted puede conectar la barra led para usar la función Progressive shift light.

ECU project

LAUNCH

- Android APP and bluetooth connectivity
- Launch set by RPM, Limiter by RPM
- It takes Tach signal
- Includes a Progressive shift light (progressive colors with flashing)

This Launch module adds 2-step launch control to any car, truck, motorcycle, turbo or naturally aspirated it works on both manual and automatic transmissions.



Connect Button
 Close APP button
 Read parameters from the module

Number of cilindrs from tach signal
 Start/stop RPMs monitoring

Launch RPMs setting
 Hold window RPMs

Limiter RPMs setting
 Hold window RPMs

Initial Progressive shift light window
 Flash Progressive shift light RPMs

Save parameters into the module

Tablas de conexiones de algunos vehiculos (como referencia).

Tabla #1: Coneccion de cable Coil y cable 12V

Car Model	Year	Wire Color	Pin # at Coil	Note
Audi B5 A4	94-97	BLACK / BLUE		
Audi B5 A4	00-01	RED / GREEN		
Audi B5 S4 (2.7T)		RED / GREEN		
Audi B6 A4	01-05	RED / GREEN		
Audi B7 A4 (2.0T)		RED / GREEN		
Audi C5 A6 (2.7T)		RED / GREEN		
Audi TT	99-06	BLUE / RED		
Chevrolet Corvette LT1 / LT4	96	PINK		At ignition coil or coil fuse

Chevy Cobalt LT 2.2L	05-06	PINK / WHITE	A	Splice at Ignition Control Module
Chevy Cobalt SS 2.0SC	05-07	PINK / WHITE		Splice at ignition coil harness
Dodge Neon SRT-4				
Ford Mustang Cobra 4.6SC	94-04	RED		
Ford Mustang and GT	05-06	RED	C5 at BEC	
Ford Mustang, GT, GT500	07-09	RED	D5 at BEC	
Honda Civic DX	89	BLACK / YELLOW		
Honda Civic EX	01-05	BLACK / WHITE	3	
Honda Civic Si	96-00	BLACK / YELLOW	10	Alternate location Fuse 9 15A-
Infiniti G35				
Mazda 3i/s 2.0L / 2.3L	07-	GREEN / BLUE / GRAY SPOTTED		
Mazda 3i/s 2.0L / 2.3L	04-06	GREEN / BLUE / GRAY SPOTTED		
Mazda 6s	02-08	GREEN / RED		
Mazda Speed 3		GREEN / BLUE / GRAY SPOTTED		
Mazda Speed 6		BLACK/ WHITE/ GRAY SPOTTED		
Mazda Speed Protégé		BLACK / BLUE	A	
MINI Cooper S	01-06	RED	2	
Mitsubishi 3000GT 3.0L		BLACK / WHITE	6	
Mitsubishi Eclipse	95-99	BLACK / WHITE	3	
Mitsubishi Lancer Evolution	VIII	WHITE / RED		Or at FUSE 1
Mitsubishi Mirage	91-96	BLACK / WHITE	1	At ignition coil
Nissan 200SX SE-R	94-98	BLACK/ WHITE	7	At distributor, not at coil
Nissan 300ZX TT	1989-2000	BLACK	n/a	At Ignition Coil Relay
Nissan 350Z		See Vehicle Specific Instructions		
Nissan Sentra Spec V	04	GREEN / WHITE		
Pontiac Solstice 2.0T / 2.4L		See Vehicle Specific Instructions		
Saturn Ion Redline		See Vehicle Specific Instructions		
Saturn Sky Redline 2.0T		PINK / BLACK		
Saturn Sky Redline 2.4L		See Pontiac Solstice Instructions		
Scion tC		See Vehicle Specific Instructions		
Scion xB	08-			
Subaru Impreza WRX 2.5T	04-06	See Vehicle Specific Instructions		
Toyota Corolla S	03-04	BLACK / WHITE	1	
VW Beetle 1.8T		BLACK / VIOLET		
VW GTI Mk3 2.0L	96-99	BLACK	3	smaller gauge black wire
VW GTI Mk3 VR6		BLACK		
VW GTI Mk4 1.8T		BLACK / VIOLET		
VW GTI MkV / Jetta 2.0T		RED		
VW Jetta 1.8T	98-05	BLACK / VIOLET		
VW Jetta III VR6		BLACK		
VW Jetta VR6	98-05	BLACK / VIOLET		
VW Passat 2.0T	05-	RED / GREEN	1	

VW Passat Mk5	96-00	BLACK / BLUE		
VW R32		BLACK / VIOLET		
Toyota Corolla XRS	2005	BLACK / WHITE	1	
Toyota MR2	92	BLACK / RED		At ignition coil

Table #2: Coneccion cable Tach in

Car Model	Year	Connection	Wire Color @ Device	Pin # @ Device	Wire Color @ ECU	Pin # @ ECU
Audi B5 A4	94-97	Injector #4	BLACK / VIOLET	2	BLACK / VIOLET	65
Audi B5 A4	00-01	Injector #4	GRAY / VIOLET	2	GRAY / VIOLET	88
Audi B5 S4 (2.7T)		Injector #6	WHITE / YELLOW	2	WHITE / YELLOW	89
Audi B6 A4	01-05	Injector #4	GRAY / VIOLET	2	GRAY / VIOLET	88
Audi B7 A4 (2.0T)		Ignition Coil #1	GRAY	3	GRAY	58
Audi C5 A6 (2.7T)		Injector #6	WHITE / YELLOW	2	WHITE / YELLOW	89
Audi TT	99-06	Injector #4	VIOLET / BLUE	2	VIOLET / BLUE	88
Chevrolet Corvette LT1 / LT4	96	Injector #4	LIGHT BLUE / BLACK		LIGHT BLUE / BLACK	4
Chevy Cobalt LT 2.2L	05-06	Injector #4	LIGHT BLUE / BLACK	B	LIGHT BLUE / BLACK	12
Chevy Cobalt SS 2.0SC	05-07	Ignition Coil #3	DARK BLUE / WHITE	B	DARK BLUE / WHITE	59
Dodge Neon SRT-4	See Vehicle Specific Instructions					
Ford Mustang Cobra 4.6SC	94-04	Crank Pos Sensor	DARK BLUE	2	DARK BLUE	21
Ford Mustang and GT	05-06	Crank Pos Sensor	BLACK/PINK	1	BLACK/PINK	47E
Ford Mustang, GT, GT500	07-09	Crank Pos Sensor	BLACK/PINK	1	BLACK/PINK	47E
Honda Civic DX	89	Injector #1	RED		RED	A5
Honda Civic EX	01-05	Ignition Coil #1	YELLOW / GREEN	1	YELLOW / GREEN	A30
Honda Civic Si	96-00	Injector #1	BROWN	1	BROWN	B11
Infiniti G35 / Nissan 350Z	See Vehicle Specific Instructions					
Mazda 3i/s 2.0L	07-	Ignition Coil #1	WHITE		WHITE	2BE
Mazda 3i/s 2.0L / 2.3L	04-06	Injector #1	BLACK / WHITE		BLACK / WHITE	2BB
Mazda 3i/s 2.3L	07-	Ignition Coil #1	WHITE		WHITE	2BA
Mazda 6s	02-08	Injector #1	BLACK / WHITE		YELLOW / BLACK	75
Mazda Speed 3		CKP			WHITE / RED	2W
Mazda Speed 6		CKP			GREEN	2C
Mazda Speed Protégé		Injector #1	BLACK / RED		BLACK / RED	75
MINI Cooper S	01-06	Injector #1	BROWN / YELLOW	1	BROWN / YELLOW	21
Mitsubishi 3000GT 3.0L		Injector #1	GREEN		GREEN	1
Mitsubishi Eclipse	95-99	Injector #1	GREEN	2	GREEN	1
Mitsubishi Lancer Evolution	VIII	Injector #1	ORANGE	2	ORANGE	1
Mitsubishi Mirage	91-96	Injector #1	YELLOW / BLUE	2	YELLOW / BLUE	1
Nissan 200SX SE-R	94-98	Injector #1	WHITE / BLACK	1	RED / BLACK	102
Nissan 300ZX TT	1989-2000	Injector #1	WHITE	n/a	WHITE	101
Nissan Sentra Spec V	04	Ignition Coil #1	BROWN	1	BROWN	62
Pontiac Solstice 2.0T / 2.4L						

Saturn Ion Redline	See Cobalt SS Instructions					
Saturn Sky Redline 2.0T		Ignition Coil #1	PURPLE	3	PURPLE	55
Saturn Sky Redline 2.4L	See Pontiac Solstice Instructions					
Scion tC		Ignition Coil #4	LIGHT GREEN	3	LIGHT GREEN	11
Subaru Impreza WRX 2.5T	06-	Ignition Coil #1	GREEN / YELLOW	1	YELLOW	18
Toyota Corolla S	03-04	Ignition Coil #1	RED / BLUE	3	RED / BLUE	8
VW Beetle 1.8T		Injector #4	VIOLET / BLUE	2	VIOLET / BLUE	88
VW GTI Mk3 2.0L	96-99	Injector #1	BLACK / BLUE	2		
VW GTI Mk3 VR6		Injector #6	GRAY / YELLOW	2	GRAY / YELLOW	4
VW GTI Mk4 1.8T		Injector #4	VIOLET / BLUE	2	VIOLET / BLUE	88
VW GTI MkV / Jetta 2.0T		Ignition Coil #1	VIOLET / GRAY	3	VIOLET / GRAY	58
VW Jetta 1.8T	98-05	Injector #4	VIOLET / BLUE	2	VIOLET / BLUE	88
VW Jetta III VR6		Injector #6	GRAY / YELLOW	2	GRAY / YELLOW	2
VW Jetta VR6	98-02.5	Injector #6	GREEN / YELLOW	2	VIOLET / GREEN	89
VW Jetta VR6	02.5-05	Ignition Coil #1	VIOLET / GREEN	1	VIOLET / GREEN	102
VW Passat 2.0T	05-	Ignition Coil #1	VIOLET / GRAY	3	VIOLET / GRAY	58
VW Passat Mk5	96-00	Injector #4	BLACK / VIOLET	2	BLACK / VIOLET	65
VW R32		Injector #3	VIOLET / BLUE	2	VIOLET / BLUE	88
Toyota Corolla XRS	2005	Ignition Coil #1	RED / BLUE	3	RED / BLUE	8
Toyota MR2	92	Injector #1	RED / WHITE		RED / WHITE	12

ProyectECU Limited Warranty

ProyectECU warrants that all of its products are free from defects in material and workmanship for a period of 1 year from the date of purchase. If an ProyectECU product is found to be defective within this period, ProyectECU will repair or replace the product. The choice between these two methods of remedy is made at the sole discretion of ProyectECU. This shall constitute the sole remedy of the purchaser and the sole liability of ProyectECU to the extent permitted by law. This warranty is exclusive and in lieu of all other warranties or representations whether expressed or implied. This warranty is limited to the repair or replacement of the ProyectECU product, and shall never exceed the purchase price of the ProyectECU product. ProyectECU shall not be responsible for special or consequential damage or costs incurred as a result of the failure or use of the ProyectECU Product. In the event that a product is warranted, the purchaser shall be responsible for any and all shipping costs.

ProyectECU reserves the right to improve its products at any time and is at no time responsible for exchange or upgrade of products that were manufactured previously.

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