

WOT Box Installation Instructions

Connector Pinout

Pin	Color	AWG	Name	Description
1	Yellow	18	RPM	Connect to Fuel Injector Drive Signal or Ignition Control Signal (varies by car model)
2	Black	18	Ground	Connect to chassis ground
3	Orange	16	Power Out	Connect to ignition coil power wire going towards the ignition coils.
4	Blue	18	APP	Connect to Accelerator Pedal Position Sensor or TPS (varies by car model)
5	Green	18	Clutch	Connect to Clutch Pedal Position Switch
6	Red	16	Power In	Connect to ignition coil power wire going away from the ignition coils.

Installation Instructions

NOTE: If you have a CDI (capacitive discharge ignition system) please contact us at support@n2mb.com for additional instructions. Damage to your WOT Box can occur if the installation is not completed correctly!

WARNING: Spark-based rev-limiters can damage catalytic converters. If you have catalytic converters on your car, N2MB accepts no responsibility for damage caused by the WOT Box. This being said, many successful installs have been made on Catalytic-Converter equipped vehicles. Damage usually is only caused by using the launch-control feature for more than a few seconds, but once again, USE AT YOUR OWN RISK IF YOU HAVE CATALYTIC CONVERTERS!

We may have detailed step-by-step pictures of this installation your car- see <http://www.n2mb.com> to find out. On our website you will also be able to download the latest version of the WOT Box software.

Solder all joints. The N2MB recommended soldering method is available at <http://www.n2mb.com>. Use a multimeter to verify all wires before they are cut or tapped into. The colors of wires from model year to model year may differ, and may be different on your car from those described in these instructions. Where discrepancies are known, they are described, but there may be more discrepancies than those listed. The best way to know that you have the right wire is to check the connectivity to the ECU and/or sensor at the pins described.

In these instructions, pictures include other aftermarket alterations in addition to the WOT Box. N2MB is not affiliated with these devices. In addition, if you see something that isn't in your vehicle, don't worry.

Route wires in the manner that you want them to lie permanently before connecting them. Cut wires to length before soldering; avoid coiling wires of excessive length as they can cause noise in the circuit, altering the operation of the WOT Box. Spending some extra time here will enhance the aesthetics of the install. Zip ties are included to secure the wires away from heat, moving parts, sharp edges, or anything else that can damage the wires.

The WOT Box is delivered with generic programming. Before you can use it, it must be programmed to fit your vehicle. The easiest and most versatile method of doing is with the WOT Box User Interface, available at <http://www.n2mb.com/wotboxsoftware>. However, this can also be done without a computer by the

method described at the end of this document.

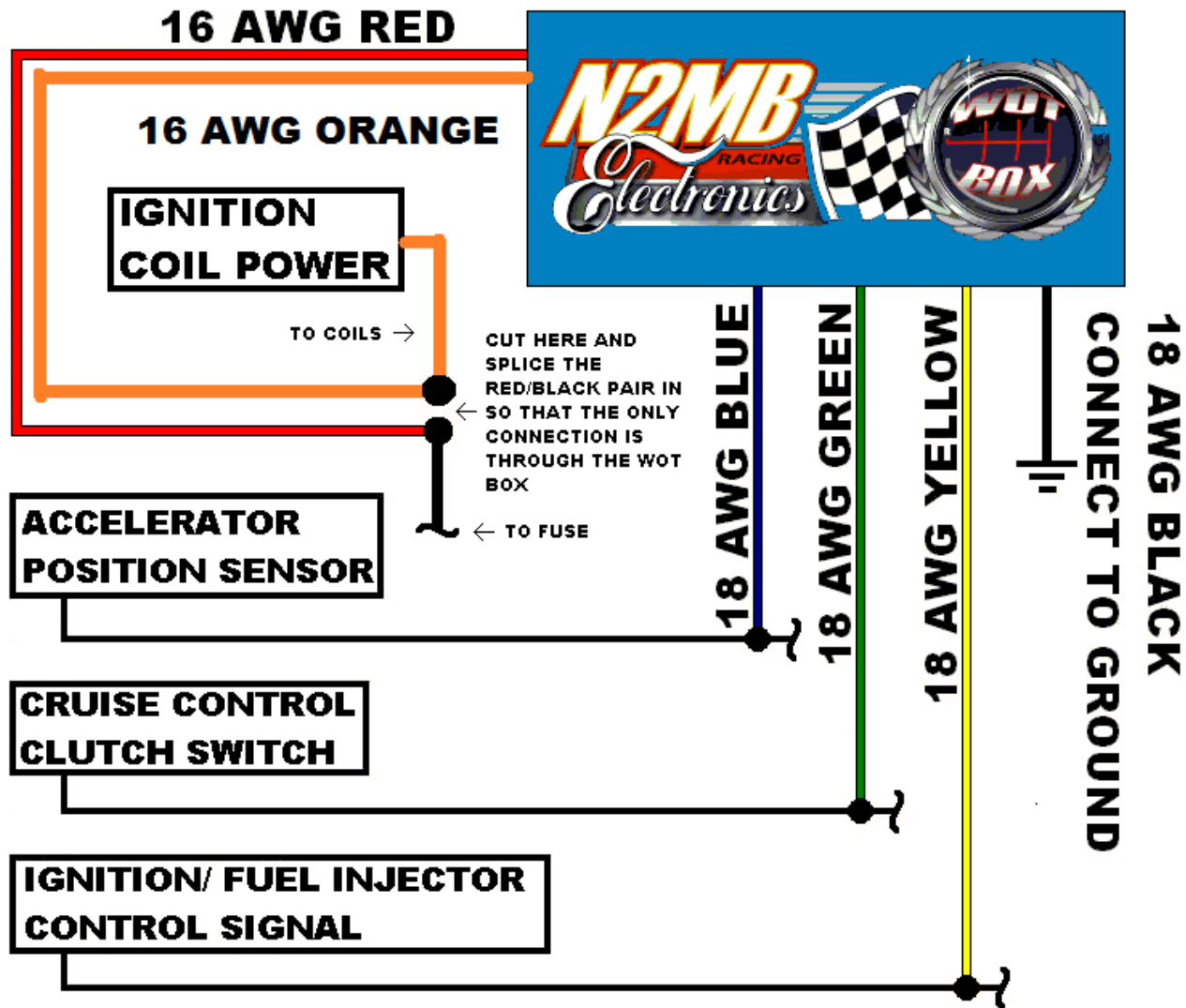


Figure I: Installation schematic

1. Disconnect the battery negative terminal.
2. Pick out a location to mount the WOT Box. The WOT Box must be installed inside the passenger compartment since it is not waterproof. Additionally, you will want to make the WOT Box accessible to the driver, due to the fact that setting the 2-step RPM will require holding down the clutch pedal while holding the button on the WOT Box.
3. Locate a harness pass-through on the firewall accessible from the passenger compartment. Some of these are grommets that have enough room for extra wires to be passed through next to the existing harness. Some have a tightly fitting skirt that the harness passes through that does not allow for extra wires. If yours is the second, carefully poke a new hole in the skirt using a sharp object, such as a screwdriver. Be careful not to damage other wires already in the grommet, and make sure that the hole is only large enough for the red orange and yellow wires from the WOT box to pass through. If it is too large, water can leak in.
4. Bundle the WOT Box **18 AWG YELLOW** and **16 AWG RED AND ORANGE** wires using electrical tape. Using a coat hanger or other sharp object, pull the bundle through the grommet in the firewall.

5. Route the connector end of the wiring harness to the desired mounting point. Be careful to avoid sharp metal objects and pinch points. Leave enough of the harness in the passenger compartment to make the WOT Box easy to get to, but not an excessive amount.
6. Locate the ignition coil wiring harness, usually on the driver's side of the cylinder head, near the cam shafts. Remove some of the split loom tubing and tape to expose the wires.
7. Locate the ignition coil power wire(s). Refer to the **Table #1** below to identify the wire colors for your vehicle. If your vehicle has more than one ignition coil, either locate the splice point where the power wires from all of the ignition coils come together at one point, or cut into all of the ignition coil power wires. Cut the wire(s) and strip both ends of the wire(s) about 5/8".
8. Split apart about 6" of the **16 AWG RED AND ORANGE** wires from the WOT Box. Strip the ends of the wires and slide two pieces of provided heat shrink tubing over the wires. Connect the **16 AWG RED** wire from the WOT Box to the wire(s) previously stripped that are going away from the ignition coils. Connect the **16 AWG ORANGE** wire to the wire(s) previously stripped that are going towards the ignition coil(s). Solder the connection and use the provided heat shrink tubing to cover the connection. Tape up the harness with electrical tape. Recover the harness with the split loom tubing and wrap with electrical tape.
9. Locate the wire specified in **Table #2**. You may tap into this wire at the device itself or at the ECU, whichever option is more convenient for you. This wire doesn't need to be interrupted, but rather a signal read from it. Solder the **18 AWG YELLOW** wire from the WOT Box to this wire, ensuring that the original connectivity of the wire is maintained. If the original wire is cut and later rejoined to do this (preferred), use the included heat shrink tubing to seal the splice. If not, cover the solder joint with electrical tape.
10. Secure all of the under-hood WOT Box wires using the provided zip ties. Be sure to route the wires away from heat sources and sharp objects that may damage them. This completes the under-hood portion of the installation.
11. Back in the passenger compartment, locate the Accelerator Pedal Position Sensor. It is at the gas pedal. Disconnect the connector.
12. Locate the Accelerator Pedal Position Sensor #1 signal wire. Or if your car is not drive by wire, you will tap into the Throttle Position Sensor. You may tap into this wire at the accelerator pedal or throttle position sensor itself or at the ECU, whichever option is more convenient for you. Refer to **Table #3** below to identify the wire colors for your vehicle. Once again, this wire doesn't need to be interrupted, but merely "tapped into." Solder the **18 AWG BLUE** wire from the WOT Box to this wire, ensuring the original connectivity of the wire. If the original wire is cut and later rejoined to do this (preferred), use the included heat shrink tubing to seal the splice. If not, cover the solder joint with electrical tape.
13. Locate the Clutch Pedal Position Switch. Disconnect the connector to make the harness easier to access.
14. Locate the Clutch Pedal Position Switch signal wire. Refer to **Table #4** below to identify the wire colors for your vehicle. You may tap into this wire at the Clutch Pedal Position switch itself or at the ECU, whichever option is more convenient for you. Refer to the table below to identify the wire colors for your vehicle. Once again, this wire will keep its original connections, and simply gain a new one. Solder the **18 AWG GREEN** wire from the WOT Box to the Clutch Pedal Position Switch (CPP) wire. If the original wire is cut and later rejoined to do this (preferred), use the included heat shrink tubing to seal the splice. If not, cover the solder joint with electrical tape. Reconnect the CPP connector.
15. Locate a good chassis ground point near where you plan on installing the WOT Box. Try to keep the wire run as short as possible. It should be under 2' away, if possible. Next, cut the **18 AWG BLACK** wire from the

WOT Box to length. Strip the wire and solidly crimp on the provided ground lug connection. Solder the ground wire to the ground lug. Connect this ground lug to the chassis. Make sure the metal where you attach the ground lug is clean, unpainted and free of rust. Use sand paper to prepare the surface, if needed.

16. Connect the WOT Box to the harness and tuck the WOT Box into the fuse panel. Re-install the battery and all the plastic trim that was removed during the installation. The installation is complete. Proceed to the testing section below.

Table #1: WOT Box RED and ORANGE Wire Connection

Car Model	Year	Wire Color	Pin # at Coil	Note
Audi B5 A4	94-97	BLACK / BLUE		See Vehicle Specific Instructions
Audi B5 A4	00-01	RED / GREEN		See Vehicle Specific Instructions
Audi B5 S4 (2.7T)		RED / GREEN		See Vehicle Specific Instructions
Audi B6 A4	01-05	RED / GREEN		See Vehicle Specific Instructions
Audi B7 A4 (2.0T)		RED / GREEN		See Vehicle Specific Instructions
Audi C5 A6 (2.7T)		RED / GREEN		See Vehicle Specific Instructions
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				See Vehicle Specific Instructions
Ford Mustang Cobra 4.6SC	94-04	RED		See Vehicle Specific Instructions
Ford Mustang and GT	05-06	RED	C5 at BEC	See Gen V Mustang Instructions
Ford Mustang, GT, GT500	07-09	RED	D5 at BEC	See Gen V Mustang Instructions
Honda Civic DX	89	BLACK / YELLOW		
Honda Civic EX	01-05	BLACK / WHITE	3	See Vehicle Specific Instructions
Honda Civic Si	96-00	BLACK / YELLOW	10	Alternate location Fuse 9 15A-
Infinity G35				See Vehicle Specific Instructions
Mazda 3i/s 2.0L / 2.3L	07-	GREEN / BLUE / GRAY SPOTTED		See Vehicle Specific Instructions
Mazda 3i/s 2.0L / 2.3L	04-06	GREEN / BLUE / GRAY SPOTTED		See Vehicle Specific Instructions
Mazda 6s	02-08	GREEN / RED		See Vehicle Specific Instructions
Mazda Speed 3		GREEN / BLUE / GRAY SPOTTED		See Vehicle Specific Instructions
Mazda Speed 6		BLACK/ WHITE/ GRAY SPOTTED		See Vehicle Specific Instructions
Mazda Speed Protégé		BLACK / BLUE	A	See Vehicle Specific Instructions
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		See Vehicle Specific Instructions
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: WOT Box YELLOW Wire Connection

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

Table #3: WOT Box BLUE Wire Connection

Car Model	Year	Sensor Type	Wire Color @ Sensor	Pin # @ Sensor	Wire Color @ ECU	Pin # @ ECU
Audi B5 A4	94-97	TPS	WHITE / YELLOW	5	WHITE / YELLOW	75
Audi B5 A4	00-01	APP	YELLOW / BLUE	4	YELLOW / BLUE	35
Audi B5 S4 (2.7T)		APP	YELLOW / BLUE	4	YELLOW / BLUE	35
Audi B6 A4	01-05	APP	YELLOW / BLUE	4	YELLOW / BLUE	35
Audi B7 A4 (2.0T)		APP	YELLOW / BLUE	4	YELLOW / BLUE	79
Audi C5 A6 (2.7T)		APP	YELLOW / BLUE	4	YELLOW / BLUE	35
Audi TT	99-06	APP	GRAY / BLUE	4	WHITE / BLUE	35
Chevrolet Corvette LT1 / LT4	96	TPS	DARK BLUE	C	DARK BLUE	22
Chevy Cobalt LT 2.2L	05-06	APP	DARK BLUE	E	DARK BLUE	4
Chevy Cobalt SS 2.0SC	05-07	APP	DARK BLUE	E	DARK BLUE	27
Dodge Neon SRT-4	See Vehicle Specific Instructions					
Ford Mustang Cobra 4.6SC	94-04	TPS	GRAY / WHITE	2	GRAY / WHITE	89
Ford Mustang and GT	05-06	APP	WHITE	5	WHITE	17B
Ford Mustang, GT, GT500	07-09	APP	TAN / YELLOW	2	TAN / YELLOW	17B
Honda Civic DX	89	TPS	RED / BLUE		RED / BLUE	C7
Honda Civic EX	01-05	TPS	RED / BLACK	2	RED / BLACK	A15
Honda Civic Si	96-00	TPS	RED / BLACK	2	RED / BLACK	C27
Infinity G35	See Vehicle Specific Instructions					
Mazda 3i/s 2.0L	07-	APP	GRAY	B	GRAY	1Y
Mazda 3i/s 2.0L / 2.3L	04-06	APP	GRAY	B	GRAY	1Y
Mazda 3i/s 2.3L	07-	APP	GRAY	B	GRAY	1AP
Mazda 6s	02-08	APP	WHITE		WHITE	9
Mazda Speed 3		APP	GRAY	B	GRAY	1Y
Mazda Speed 6		APP	WHITE		WHITE	3D
Mazda Speed Protégé		TPS	BROWN / YELLOW		BROWN / YELLOW	89
MINI Cooper S	01-06	APP	WHITE	4	WHITE	27
Mitsubishi 3000GT 3.0L		TPS	BROWN / RED	2	BROWN / RED	64
Mitsubishi Eclipse	95-99	TPS	BROWN / RED	2	BROWN / RED	84
Mitsubishi Lancer Evolution	VIII	TPS	GREEN	1	GREEN	84
Mitsubishi Mirage	91-96	TPS	GREEN / WHITE	2	GREEN / WHITE	64
Nissan 200SX SE-R	94-98	TPS	YELLOW	2	YELLOW	23
Nissan 300ZX TT	1989-2000	TPS	WHITE	n/a	WHITE	38
Nissan 350Z	See Vehicle Specific Instructions					
Nissan Sentra Spec V	04	APP	WHITE	3	WHITE	106
Pontiac Solstice 2.0T / 2.4L						
Saturn Ion Redline	See Cobalt SS Instructions					
Saturn Sky Redline 2.0T		APP	DARK BLUE	E	DARK BLUE	15
Saturn Sky Redline 2.4L						

Scion tC		APP	GREEN	5	WHITE	22
Subaru Impreza WRX 2.5T	06-	APP	BLUE	2	BLUE	28
Toyota Corolla S	03-04	TPS	LIGHT GREEN	3	LIGHT GREEN	21
VW Beetle 1.8T		APP	WHITE / BLUE	4	WHITE / BLUE	35
VW GTI Mk3 2.0L	96-99	TPS	RED / BLUE	5		
VW GTI Mk3 VR6		TPS	GREEN / WHITE	5	GREEN / WHITE	40
VW GTI Mk4 1.8T		APP	WHITE / BLUE	4	WHITE / BLUE	35
VW GTI MkV / Jetta 2.0T			WHITE / BLUE	4	WHITE / BLUE	79
VW Jetta 1.8T	98-05	APP	WHITE / BLUE	4	WHITE / BLUE	35
VW Jetta III VR6		TPS	GREEN / WHITE	2	GREEN / WHITE	40
VW Jetta VR6	98-05	APP	WHITE / BLUE	4	WHITE / BLUE	35
VW Passat 2.0T	05-	APP	BLACK / BLUE	4	BLACK / BLUE	79
VW Passat Mk5	96-00	TPS	WHITE / YELLOW	5	WHITE / YELLOW	75
VW R32		APP	WHITE / BLUE	4	WHITE / BLUE	35
Toyota Corolla XRS	2005	TPS	LIGHT GREEN	3	LIGHT GREEN	21
Toyota MR2	92	TPS	WHITE	3	WHITE	11

Table #4: WOT Box GREEN Wire Connection

Car Model	Year	Wire Color @ CPP	Pin # @ CPP	Wire Color @ ECU	Pin # @ ECU	Notes
Audi B5 A4	94-97	RED / GREEN	1			
Audi B5 A4	00-01	RED / GREEN	1	RED / GREEN	39	
Audi B5 S4 (2.7T)		RED / GREEN	1	RED / GREEN	39	
Audi B6 A4	01-05	GREEN / GRAY	2	RED / GREEN	39	
Audi B7 A4 (2.0T)		GREEN / GRAY	2	GREEN / GRAY	41	
Audi C5 A6 (2.7T)		RED / GREEN	1	RED / GREEN	39	
Audi TT	99-06	WHITE / RED	2	WHITE / RED	39	
Chevrolet Corvette LT1 / LT4	96	BROWN	A	BROWN	G	At cruise control unit or SW
Chevy Cobalt LT 2.2L	05-06	BROWN / WHITE	A	BROWN / WHITE	8	
Chevy Cobalt SS 2.0SC	05-07	BROWN / WHITE	1	BROWN / WHITE	53	
Dodge Neon SRT-4	See Vehicle Specific Instructions					
Ford Mustang Cobra 4.6SC	94-04	LIGHT GREEN	1	LIGHT GREEN	4	At speed control servo
Ford Mustang and GT	05-06	WHITE	1	WHITE	30T	T is TOP PCM Connector
Ford Mustang, GT, GT500	07-09	WHITE	1	WHITE	39B	B is MIDDLE PCM Connector
Honda Civic DX	89					
Honda Civic EX	01-05	LIGHT BLUE	1	LIGHT BLUE	14	At cruise control unit or SW
Honda Civic Si	96-00	PINK	1	PINK	14	At Cruise Control Unit
Infiniti G35	See Vehicle Specific Instructions					
Mazda 3i/s 2.0L / 2.3L	07-	BLACK / YELLOW	A	BLACK / YELLOW	1D	
Mazda 3i/s 2.0L / 2.3L	04-06	BLACK / YELLOW	A	BLACK / YELLOW	10	
Mazda 6s	02-08	WHITE / GREEN		WHITE / GREEN	17	
Mazda Speed 3		BLACK / YELLOW	A	BLACK / YELLOW	1D	
Mazda Speed 6		WHITE / GREEN		WHITE / GREEN	1H	
Mazda Speed Protégé		WHITE / GREEN		WHITE / GREEN	6	
MINI Cooper S	01-06	BLUE / BROWN	2	BLUE / BROWN	4	
Mitsubishi 3000GT 3.0L		BLACK		BLACK	6	At cruise control unit or SW
Mitsubishi Eclipse	95-99					
Mitsubishi Lancer Evolution	VIII	GRAY	2	GRAY	13	At cruise control unit or SW
Mitsubishi Mirage	91-96	GREEN / BLACK	2	GREEN / BLACK	1	At cruise control unit or SW
Nissan 200SX SE-R	94-98	GREEN / BLACK	2	GREEN / RED	5	At ASCD control unit or SW
Nissan 300ZX TT	1989-2000	GREEN / RED	n/a	GREEN / RED	5	

Nissan 350Z						
Nissan Sentra Spec V	04	PINK / BLUE	2	PINK / BLUE	108	
Pontiac Solstice 2.0T / 2.4L						
Saturn Ion Redline	See Vehicle Specific Instructions					
Saturn Sky Redline 2.0T		BROWN / WHITE	1	BROWN / WHITE	16	
Saturn Sky Redline 2.4L	See Pontiac Solstice 2.4L Instructions					
Scion tC		RED	2	RED	10	
Scion xB	08-					
Subaru Impreza WRX 2.5T	06-	YELLOW / RED	1	YELLOW / RED	1	
Toyota Corolla S	03-04	BLUE	2	BLUE	4	At cruise control unit or SW
VW Beetle 1.8T		WHITE / RED	2	WHITE / RED	39	
VW GTI Mk3 2.0L	96-99	BLACK	2			
VW GTI Mk3 VR6		BLACK	2			
VW GTI Mk4 1.8T		WHITE / RED	2	WHITE / RED	39	
VW GTI MkV / Jetta 2.0T		WHITE / RED	2	WHITE / RED	41	
VW Jetta 1.8T	98-05	WHITE / RED	2	WHITE / RED	39	
VW Jetta III VR6		BLACK	2			
VW Jetta VR6	98-05	WHITE / RED	2	WHITE / RED	39	
VW Passat 2.0T	05-	RED / YELLOW	2	RED / YELLOW	41	
VW Passat Mk5	96-00	RED / YELLOW	1			
VW R32		WHITE / RED	2	WHITE / RED	39	
Toyota Corolla XRS	2005	BLUE	2	BLUE	4	At cruise control unit or SW
Toyota MR2	92	BLACK		BLACK	2	At cruise control unit or SW

Programming

If your WOT Box was shipped directly from N2MB Racing, it will come set up for your vehicle. If you order a WOT Box from a distributor, it may need to be set to your vehicle before it can be used by using the WOT Box User Interface available at www.n2mb.com/wotboxsoftware. Perform troubleshooting as outlined below first, and if the WOT Box doesn't work, use the WOT Box Software to check to make sure that the settings are correct for your vehicle. Instructions regarding how to do this are on the same website as the software. The user interface may also be used to set WOT Shift kill time and 2-step RPM.

The WOT Box comes preset for an automatic WOT Shift kill time. This means that the WOT Box will automatically adjust the kill time to your shift time, up to a maximum of 350 ms. The User Interface may be used to change this to a preset kill time that doesn't auto-adjust.

The WOT Box comes preset for a 2-step RPM of 4000. The User Interface may be used to change this RPM setpoint.

Troubleshooting - Testing the WOT Box

1. Key on the car but do not start the engine. Press the gas pedal to the floor. You should see the LED on the WOT Box start to rapidly blink. If it does not, check your **APP sensor signal connection (WOT Box BLUE wire)**.
2. Next, with the gas pedal still depressed, press the clutch pedal to the floor. You should see the LED on the WOT Box briefly go out, and then come back on solid for one second and then finally resume blinking rapidly. If you do not see this, check your **Clutch Pedal Position Switch signal connection (WOT Box GREEN wire)**.
3. Next, start the engine. Quickly press the gas pedal to the floor and immediately step on the clutch. You should hear the engine start to rev up, stumble for a short period while the ignition is cut, then return back

on and continue revving. Remove your foot from the gas before you hit the rev limiter. The 2-step will not engage if the gas is depressed before the clutch. This is normal. If the engine does not stumble or pause when the LED turns out, then check the **RED and ORANGE** wires. Verify that the **RED and ORANGE 16 AWG** wires are wired facing the proper way. If they are reversed, the ignition cut will not work.

4. Lastly, test the 2-Step. Press the clutch pedal down and then quickly press the gas pedal all the way down. The gas pedal must be floored for the 2-step to engage. The engine should rev up to the desired RPM and hold. If it does not, be sure to remove your foot from the gas before you hit the rev limiter. If the 2-step does not work, check the **WOT Box YELLOW wire**.
5. The WOT Box Graphical User Interface has some inherent troubleshooting capability. If you have access to a laptop, it may be useful for you to download the GUI at www.n2mb.com/wotboxsoftware and follow the instructions there.

Usage

To use the WOT Shift feature, keep your foot fully on the gas and shift quickly using the clutch. Keep the gas fully depressed through the shift. The WOT Box will detect the clutch switch signal and briefly cut the ignition to enable an effortless shift.

To use the 2-Step feature, fully depress the clutch. Next, fully depress the gas pedal to the floor. The engine will rev up and hold the RPM that you have set. Quickly release the clutch while leaving the gas fully depressed to launch the car.

N2MB Racing Limited Warranty

N2MB Racing 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 N2MB product is found to be defective within this period, N2MB Racing will repair or replace the product. The choice between these two methods of remedy is made at the sole discretion of N2MB Racing. This shall constitute the sole remedy of the purchaser and the sole liability of N2MB Racing 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 N2MB Racing product, and shall never exceed the purchase price of the N2MB Racing product. N2MB shall not be responsible for special or consequential damage or costs incurred as a result of the failure or use of the N2MB Racing Product except as required by law. Unauthorized alteration or repair of N2MB Racing products will void this warranty if the alteration or repair is found to have caused the N2MB Racing product to fail. In the event that a product is warranted, the purchaser shall be responsible for any and all shipping costs.

N2MB Racing 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.