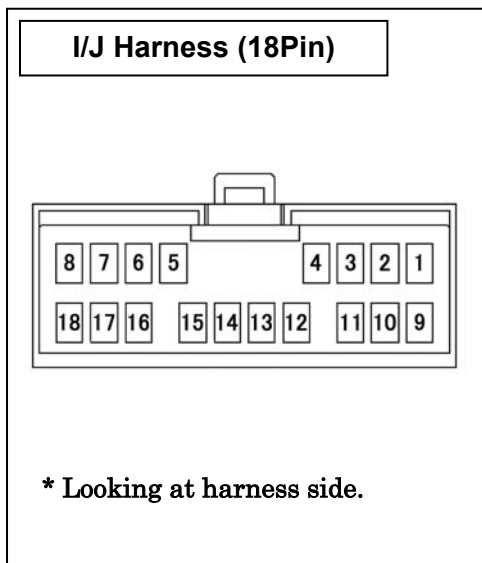


E-manage Installation



e-manage			Factory ECU		
Pin #	Wire Color	Description	ECU Pin #	Color	Code
3	White	MAP IN	51 (harness Side)	Orange	Airflow Meter
5	Blue/ Red	INJ 1	23	Red/ Black	INJ 1
6	Orange/ Red	INJ 2	42	Black/ Red	INJ 2
7	Yellow/ Red	INJ 3	22	Red/ Yellow	INJ 3
8	Purple/ Red	INJ 4	41	White/ Red	INJ 4
10	Green	MAP OUT	51 (ECU side)	Orange	Airflow Meter
11	brown	RPM	RPM Adapter	Brown	
12	Black	GND	116	Black/ Red	ECM ground
13	Red	+B	119	Green/ Yellow	ECM Power
16	Pink/Red	INJ 5	21	Sky blue	INJ 5
17	Light Blue/ Red	INJ 6	40	Light green	INJ 6
18	Black/ Red	INJ GND	1	Black	ECM ground

Sensor Adapter		Connect to		
Wire Color	Description	Pin #	Color	Code
Yellow	RPM IN	60 ECU	PU/ W	IG#5
Yellow	RPM IN	61 ECU	L/R	IG#3
Yellow	RPM IN	62 ECU	Y/R	IG#1
Yellow	RPM IN	79 ECU	GY/R	IG#6
Yellow	RPM IN	80 ECU	GY	IG#4
Yellow	RPM IN	81 ECU	G/b	IG#2
Brown	RPM OUT	18 - 11 e-manage	Brown	RPM
Black	GND	116 ECU	Black/Red	ECM Ground

Starting the Engine

1. Refill the engine oil to factory spec.
2. Check all the hoses and wires connection, then reconnect the negative side of the battery.
3. Turn the ignition to "ON" position 2-3 times to get fuel pressure. Then, check the injectors and the fuel rail for any fuel leaks.

*** Repair any fuel leaks before starting the engine. Starting the engine with a fuel leak can cause fire in the engine compartment and can be very dangerous.**

4. Remove the ECM fuse and crank the engine to get oil pressure to the turbo. (Until the oil light on the dash turns off) Check for any oil leaks, then reinstall the fuse and start the engine.
5. While idling, check for any oil, coolant, or air leaks.
6. After inspection, reinstall the under cover and other stock parts that was removed.
7. On the initial run, be sure to have a boost gauge to check the turbo-actuator setting. This turbo kit is preset to boost between 0.4kg/cm^2 to 0.45kg/cm^2 .
It is very important that you monitor the boost pressure, and make sure not to over boost. Over boosting can cause engine damage.

This completes the Turbo Kit installation.

Important!

- **It is very important that you monitor the boost pressure, and make sure not to over boost. Over boosting can cause engine damage.**
- **GReddy Performance Products, Inc. is not responsible for any engine damage caused by over boosting (increased boost), modification to the kit, and/or misuse of the product. NO WARRANTY is offered.**
- **Due to lack of control over proper installation and use of this product, NO WARRANTY is offered for this kit.**

e-manage Information

Important!

- The e-manage included in this kit is preprogrammed for the this turbo kit.
- Do not attempt to adjust any of the setting in the e-manage.
- Any adjustments made can cause damage to the e-manage, engine and the factory ECU.



Important!

As of 11/25/03 this kit is not a street legal kit. Please ignore the label on the e-manage.

① ACTIVE L.E.D.

- (2) When the ignition is turned on, it will illuminate and flash GREEN.
- (3) When it reaches to the A.A.V. setting RPM range, it will illuminate and flash ORANGE.
- (4) When an error is detected it will flash RED.

② INTERACTION L.E.D.

1. This will illuminate when there is a connection with PC.

Checking Error Codes

When the unit is powered up and if there are any errors, the ACTIVE L.E.D will turn "RED" from "GREEN", and begin to flash.

If this happens shut the engine off and turn the ignition switch to "ON" position to go to Self Troubleshooting Mode. While in the Self Troubleshooting Mode, the L.E.D. will show the error code. Turn off the ignition. Check the error code in the chart below and fix the problem. The error code will show until the error is corrected.