

Electronic Idle Stabilizer

Type-H1: Part no.4605-RN001

Type-H2: Part no. 4605-RF001

Type-K: Part no. 4605-RM001

Ver.100103

EIDS Types

Type-H1: Hotwire type airflow meter

- Nissan, Subaru (excludes Impreza Ver.1&2)

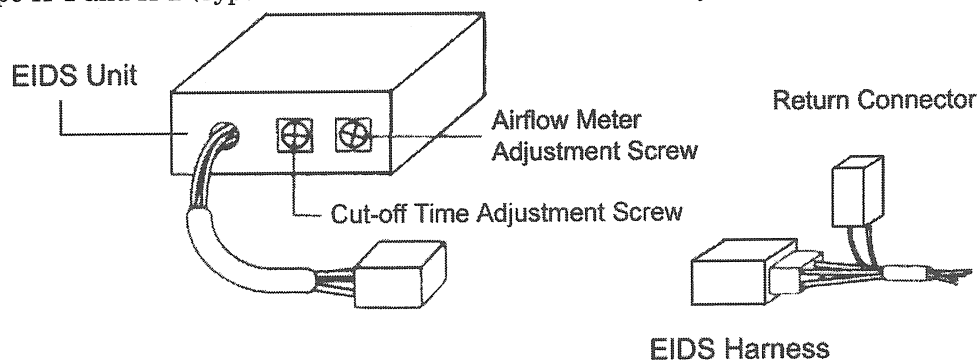
Type-H2: Hotwire type airflow meter

- Subaru (Impreza Ver.1&2)

Type-K: Karmen Vortex type airflow meter.

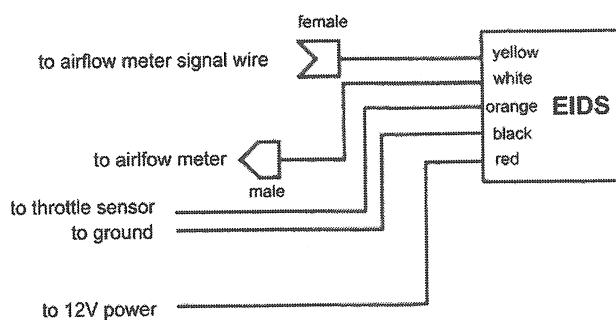
- Mitsubishi

Type H-1 and H-2 (Type K does not have an airflow meter adjustment screw.)

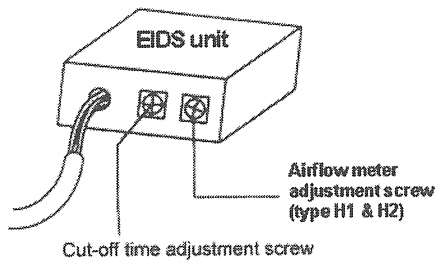


Installation

- This manual shows basic installation of this product. Installation procedures may vary depending on each vehicle application.

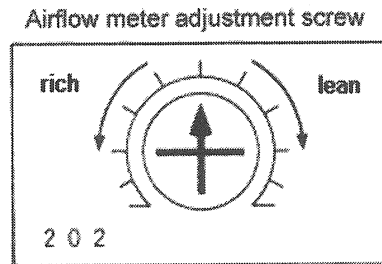


Idle Adjustment



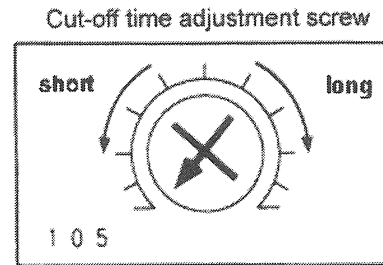
Use a tool that fit the screw to adjust the settings.

If the correct size tool is not used, there is a chance that it may strip the screw.



Clockwise airflow voltage & frequency (small)
→ lean

Counter clockwise
airflow voltage & frequency (large)
→ rich



Clockwise Cut-off time → long

Counter clockwise Cut-off time → short

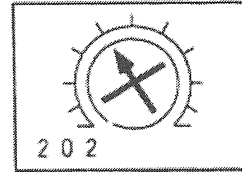
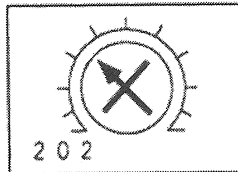
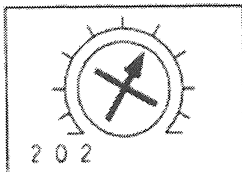
Warning: The cut-off time adjustment screw is initially preset all the way counter clockwise. Do not move this screw.
For vehicles that have tuned engines, if you are experiencing unstable airflow meter output, turn clockwise to adjust.

After installation, set the airflow meter adjustment screw to adjust the vehicle's idle. Below are some reference points for certain vehicle applications.

- BCNR33 (RB26DETT)
- BNR32 (RB26DETT)
- BD5/BG5 (EJ20H)
- GC8/GF8 (EJ20G)

- ECR33 (RB25DET)
- (R) PS13 (SR20DET)
- S14 (SR20DET)
- PNW10 (SR20DET)
- WGNC34 (RB25DET)

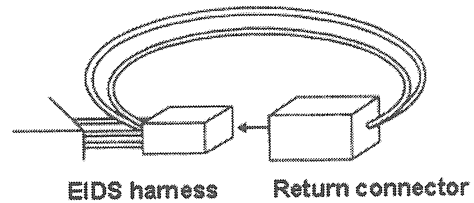
- HCR32 (RB20DET)



Troubleshooting

- If you are experiencing any of the following problems, disconnect the EIDS unit from the EIDS harness and connect the return connector.

1. The engine does not start.
 2. The engine will not rev up.
 3. The idle is out of sync.



Re-start the engine

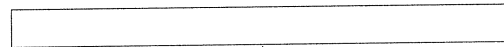
- If the problem is solved...

There is a connection problem between the EIDS harness and EIDS unit.



Remove the EIDS unit and make sure to plug it in as far as it goes.

Problem with the EIDS unit.



Please contact your HKS dealer to request an inspection.

- If the problems still stays...

The EIDS harness may not be properly installed or there is a connection problem.



Please recheck the wiring on the EIDS.

- If the airflow meter and/or ECU differs from the factory original part, the EIDS will not function properly.