

034 MOTORSPORT

AAN Coil Conversion Installation

Tools Required:

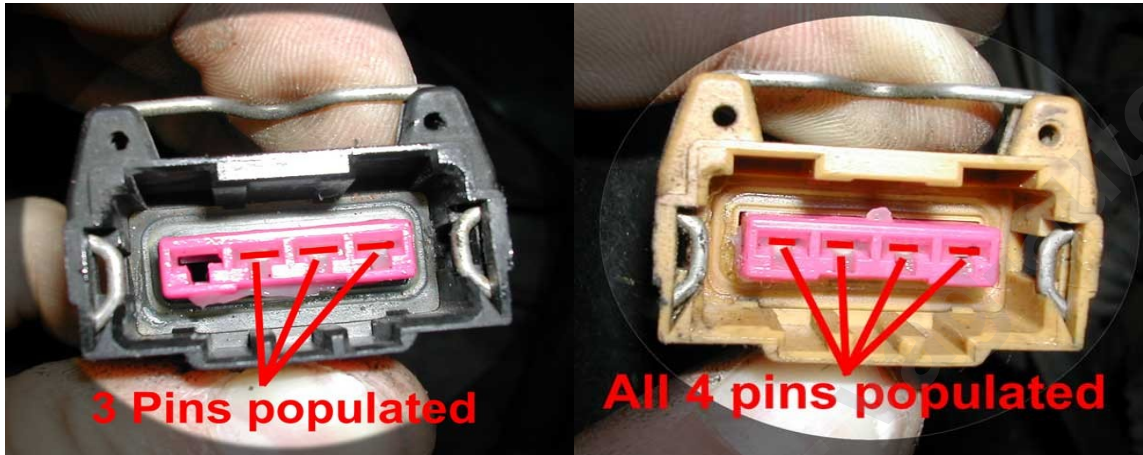
- 5mm Allen Wrench
- Screw Driver

Installation

- 1) Disconnect battery ground
- 2) Remove 4 bolts securing stock coilpack to engine, remove 2 ¼ turn bolts securing black plastic cover behind engine.



- 3) Unplug stock coil harness from 2 power output stages, 2 coil power connectors, and remove the ground ring at the back of the head. Remove the coilpack, breath a sigh of freedom.
- 4) Your stock vehicle power output stage connectors will be a 4-pin connector plugged into the POS units, one should be brown the other black. Remove these connectors and inspect that they are setup in the proper stock configuration. The Brown connector should have 4 pins, the black 3. If they have been altered and you are unsure of the stock pins being in the proper location contact us, or consult a factory repair manual with the appropriate wiring diagrams.



- 5) Plug your new 034 harness into the coils provided in the kit, then begin to drop them into your head, starting at the first cylinder. The coils should firmly seat into place on the spark plugs and the rubber boot should provide a decent seal to the valve cover. If the boot appears to be too long and is pushing the coil back up feel free to trim off any excess rubber to ensure a good fit on the plug. As you move back from the first coil you can tuck the harness under the connector of the previous coil to keep things neat and tidy after installation. Also note that the 5th cylinder connector is longer than the 4th, this is so that the coil can be rotated and installed without kinking the boot up at the back of the head.



- 6) Plug in the two 3-pin connectors to the factory harness, it doesn't matter which connector gets plugged in to which female 3-pin. These are just the coil power leads.



- 7) Plug in the two 4-pin connectors to the factory harness. Take note that you are plugging them in correctly. You will notice that one connector has 4 male pins, the other has only 2. Make sure the 4-pinned connector gets plugged into the brown/fully populated connector. The other with the missing pins gets plugged into the black female connector with 3 pins.



- 8) Using the stock hardware bolt the harness ground to the stock location.
- 9) Reconnect battery ground terminal.
- 10) Done!