



Nissan 350Z MY03-06, Infiniti G35 MY03-06 2WD/4WD, Manual, Auto Trans after VIN 32928 Unichip Flux PnP Installation Instructions and Warranty Information

2340011.0, 25 Jul 06

Tools Required

10mm combination wrench, and a Small Flashlight

Notes: (1) Due to a production change, there are two different PnP style connectors in use.

a. The first has two individual plugs with a sliding lock mechanism; to remove this plug, grasp the T-handle lock underneath the wire loom going into the plug and firmly pull it out. To install this plug, position the plug on the connector and push the T-handle in.

b. The second connector style has a single plug with a locking lever; to release this plug, squeeze the release tab on top of the connector near the end furthest from the wire loom while lifting the lever up. To install this plug, position the plug on the connector and rotate the locking lever down until you hear the locking tab "click" into place.

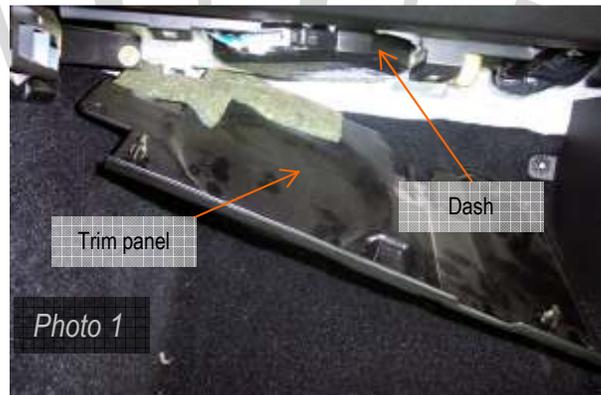
(2) These instructions are for the Flux Bluetooth PDA kit which contains different components from the non-Flux kit, part number 2340021. If you received these instructions with the non-Flux kit, disregard the FR installation section and connect the non-Flux kit provided mechanical switch loom to the PnP's Comm connector.

Installation Procedures

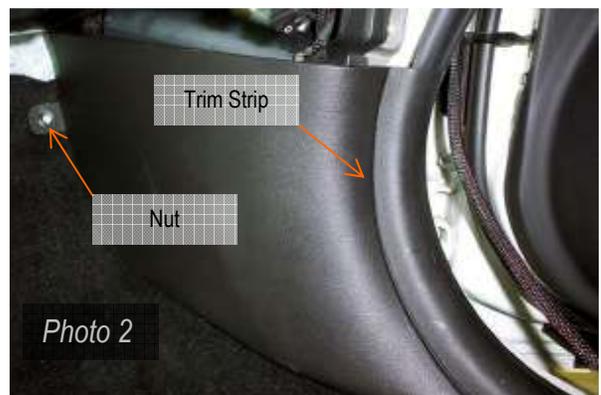
1. Locate the car's battery in the compartment near the rear or the engine compartment on the passenger's side. Using the 10mm wrench, disconnect the battery's negative terminal.
2. Expose the ECU
 - a. Open the passenger side door and slide the passenger seat completely to the rear

- b. (Photo 1) Locate the trim panel underneath the dashboard. Using your fingers, gently pull the panel down and remove it.

Note: The trim panel is held in place with plastic expanding fasteners.



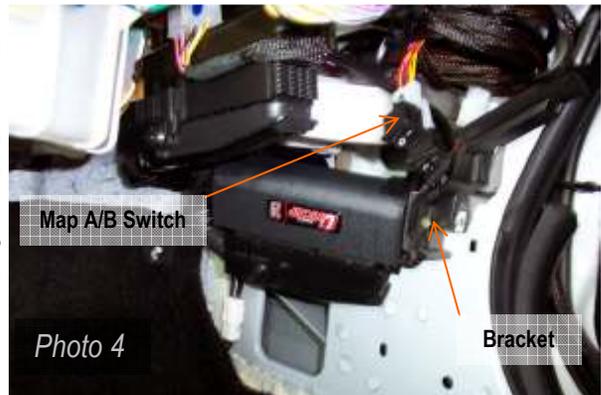
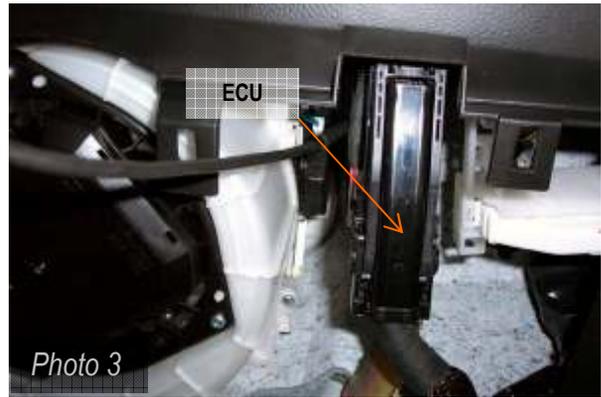
- c. (Photo 2) Locate the kick panel just forward of the passenger's door. Using your fingers, remove the plastic nut securing the forward edge. Pull back the plastic trim strip covering the rubber door seal and firmly pull the panel to disengage the two tabs securing it near the door.



3. *Install the PnP Harness.*

- a. Remove the protective cover from the long piece of kit supplied Velcro, and attach it to the PnP Harness's long flat side.
- b. (Photo 3) Locate the OEM ECU underneath the dashboard near the passenger side A-Pillar.
- c. Disconnect the OEM harness from the ECU and plug it into the PnP Harness connector.
- d. Install the PnP Harness Plug into the OEM ECU.
- e. Remove the remaining protective plastic from the PnP Harness Velcro strip and mount it to the A-Pillar as shown.

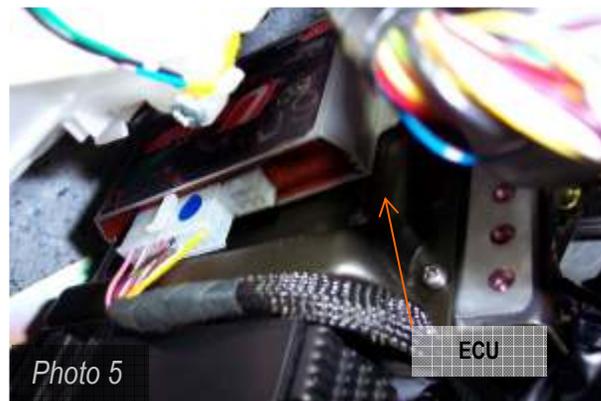
Note: Routing the Map A/B switch loom between the PnP Harness's right side and the bracket mounted on the A-Pillar gives you more flexibility with switch placement.



4. *Install the Unichip.*

- a. Place the first short Velcro strip on the back of the Unichip Computer.
- b. (Photo 5) Remove the remaining protective strip from the Unichip Velcro and press it firmly onto the inboard side of the OEM ECU just above the plug.
- c. Connect the Unichip Molex plug into the Unichip Computer's 24-pin connector.

Note: (1) Nothing connects into the Unichip Computer's 6-pin connector. (2) If desired, now is a good time to reconnect the car's battery and start the car to verify the connections are correct.



5. *Install the Flux Receiver (FR)*

- a. Remove the one side of the protective plastic from the final kit supplied short Velcro strip and attach it to the FR on the same side as the locking tabs on its Molex connectors (same side as the green LED).
- b. Remove the other protective plastic from the Velcro on the FR and attach the FR to the Unichip with the FR's connectors facing the same direction as the Unichip's connectors.
- c. Connect the FR adapter harness 10-pin plug labeled *Comm* into the PnP loom connector labeled *Comm*.
- d. Connect the FR adapter harness 6-pin plug labeled *Unichip* into the corresponding Unichip connector.
- e. Connect the FR adapter harness 22-pin plug labeled *Receiver* into the FR.

6. *Replace the plastic kick panel.*

7. *Replace the trim panel underneath the glove compartment.*

8. *Reconnect the battery negative terminal.*

Flux Operations

Refer to the User Guide on the CD provided in the kit for set up and normal operations with the FR. Before making any changes through the FR and your PDA, your Unichip will be operating in Map 1 which is a low octane calibration suitable to 87-octane fuel.

Unichip Warranty Information

For 90 days following the original owner's purchase of a Unichip, Unichip of North America (UNA) warrants no other ECU product generates more power from a specific gasoline engine than a properly functioning, custom tuned Unichip in the specific vehicle for which it is tuned. If another ECU product generates more power from that engine within 90 days of the original owner's purchase of the Unichip, the original owner can contact their Unichip dealer for a refund of all Unichip parts, Unichip installation charges, and Unichip custom tuning. Shipping, testing, dynamometer costs and the cost of removing any UNA parts are specifically not covered by this warranty and will not be refunded to the owner.

To claim a refund, owners must provide dynamometer proof another ECU product produced more power when installed on the specific vehicle and that vehicle and all of its parts were in an identical condition other than the ECU enhancement. Three repeatable dynamometer tests must be performed using the Unichip and three repeatable tests using the other ECU product. The average of the three tests performed on each product shall constitute that product's score for determining power. The same technician, using the same dynamometer in an identical condition with the same settings, must perform all test runs. All environmental conditions including ambient and IAT temperature and pressure altitude and the vehicle's cooling system temperatures and drive train temperatures must also be identical for all six runs. IAT and Coolant temperature data logged information for each run is required. The vehicle must also use the same fuel for all six tests. UNA reserves the rights to, at UNA's exclusive discretion, re-tune the Unichip involved in a performance warranty claim at no cost to the customer making the claim or to provide a warranty refund; if after a retune, the Unichip still makes less power than another product, the owner will receive a refund IAW this warranty statement.

All UNA parts, including Unichip piggyback computers, driver modules, and harnesses also carry a limited warranty against manufacturer's defect. This warranty is valid for the original owner only, for one year from the date of purchase regardless of the installation date. UNA only warrants Unichip products sold by an authorized UNA reseller. If a UNA product is found defective, the original purchaser may contact the reseller from whom they purchased the product for a replacement component at no cost. Shipping, testing, dynamometer costs, and the cost of removing any UNA parts are specifically not covered by this warranty and will not be refunded to the owner.

The above warranties are expressly made in lieu of any and all other warranties, express or implied, including any warranty on the engineering or design of the goods as well as the implied warranties of merchantability and fitness for a particular purpose.

Any and all warranties on the Unichip are void if: 1) the custom installation or custom tuning of the Unichip was performed by anyone other than a UNA qualified dealer or tuner, 2) anyone other than a qualified UNA tuner or dealer alters or modifies or attempts to alter or modify any of the electronic data within the Unichip or 3) the UNA product is used for anything other than its intended purpose or is physically or electrically damaged.

For all warranty claims, the product return shipping date stamp must be within the appropriate time limitation from the time of purchase. Additionally, proof of purchase in the form of either a properly completed warranty card or a sales receipt indicating both the date of sale and owners name is required and is the owner's responsibility. Customers with hard-wire installations are responsible for providing proof of when and where the installation was performed. Warranty claims will be denied if the customer cannot provide proof of purchase.

UNA is not liable for incidental, consequential, or punitive damages attributable directly or indirectly to the Unichip or UNA's actions or inactions with respect to the Unichip. UNA is also specifically not responsible or liable for damage of any kind: 1) to a vehicle into which UNA products are installed or 2) resulting from the use of a vehicle equipped with any UNA products.

UNA believes high performance driving should be confined to appropriate venues such as racetracks or organized closed course events such as Autocross competitions, and does not sanction or participate in any street racing or other illicit driving activity.