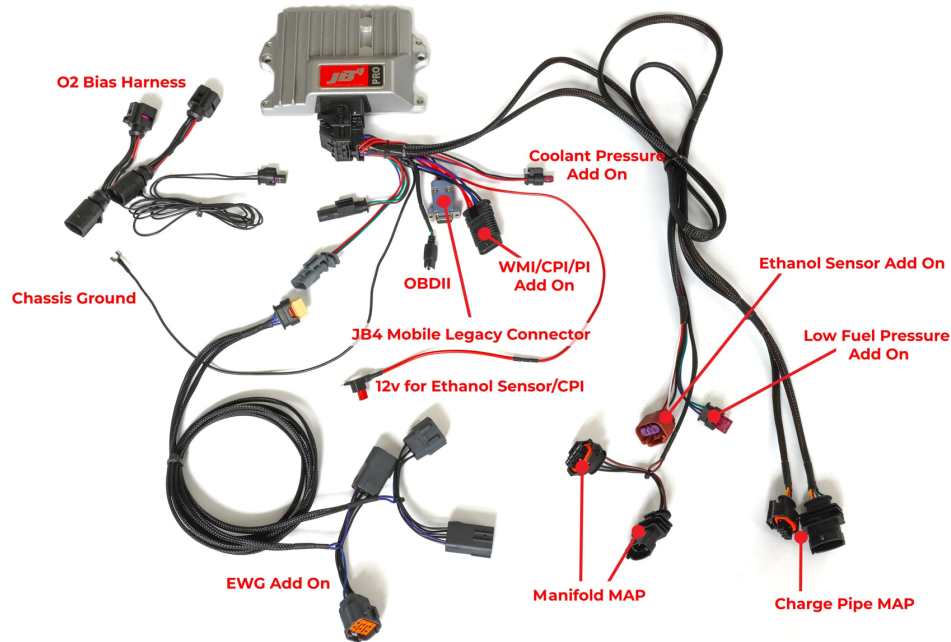


BMS JB4 / JB4PRO Installation

Kia Stinger 3.3T | Genesis G70/G80/G90 3.3T

Plug-and-play tuning walkthrough using the current BMS wiring diagram and product documentation.



Current BMS JB4PRO harness diagram.

KJT PRODUCT PAGE: Kia Stinger / Genesis G70 3.3L Turbo JB4

KJT PRODUCT PAGE: Kia Stinger / Genesis G70 3.3L Turbo JB4 PRO

KJT Product Reference

Kia Stinger / Genesis G70 3.3L Turbo JB4 Performance Tuner

Product image and purchase link from the Kim Jong Tuned website.



Open KJT product page

KJT URL:

<https://www.kimjongtunedperformance.com/product-page/kia-stinger-genesis-g70-3-3l-turbo-jb4-performance-tuner-v1-1>

Added from KJT site only

Index

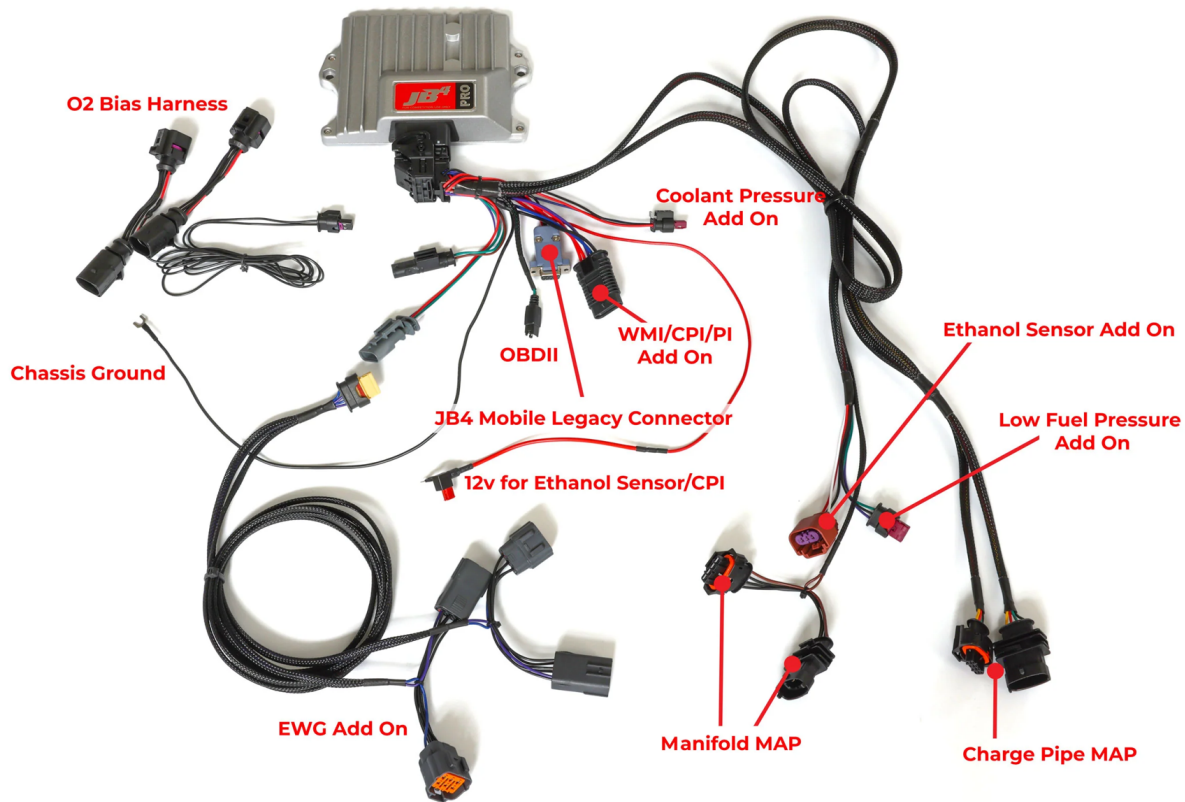
1. Before you start
2. Core installation
3. EWG add-on
4. First-start and logging check

Guide rule

Exact factory torque values are included only when the source material supports them. Product-specific settings remain tied to the manufacturer. Where the public source does not expose an exact value, verify by VIN in KGIS or Genesis TechInfo.

1. Before you start

- BMS lists the [JB4](#) as plug-and-play for Stinger 3.3T and Genesis G70/G80/G90 3.3T.
- [JB4PRO](#) adds built-in Bluetooth, ethanol processing, CPI/WMI control, O2 bias ports and optional EWG/pressure-sensor support.
- Use 91 octane or better for performance maps and do not select a map that exceeds your fuel or hardware configuration.



BMS [JB4PRO](#) wiring diagram showing labeled add-on branches and primary harness connections.

2. Core installation

1. Open the hood with ignition off and allow the engine bay to cool.
2. Mount the JB4/JB4PRO enclosure in a dry, secure engine-bay location where the harness is not under tension.
3. Route the harness along factory wiring paths. Avoid turbo/exhaust heat and sharp sheet-metal edges.
4. Connect the [JB4](#) harness to the charge-pipe MAP and manifold MAP sensor connections shown in the BMS harness diagram.
5. Connect the OBDII/CAN lead as required by the current harness. Route through the approved firewall path without pinching the cable.
6. Connect chassis ground to a clean factory ground point.
7. For [JB4PRO](#), install only the add-on branches you actually use: O2 bias, ethanol sensor, low-fuel-pressure sensor, coolant-pressure sensor, EWG, CPI/PI or WMI.
8. Reconnect power, open the [JB4PRO](#) app and confirm the device communicates.
9. Update firmware if BMS requires a newer release for your hardware.

10. Start on the BMS-recommended conservative map for your fuel and modifications. Record a baseline log before raising boost.

Do not copy another owner's map or EWG settings without matching fuel, hardware and firmware.

3. EWG add-on

BMS states the EWG add-on is installed by connecting the wires to the [JB4](#) harness, updating firmware/settings, and plugging the harness into the electronic wastegates.

- Verify the exact BMS EWG guide revision for your harness before repinning or changing settings.
- Do not force connector locks.

4. First-start and logging check

- No check-engine light caused by an unplugged sensor connector.
- [JB4](#) app reports engine data with ignition on and engine running.
- Harness is clear of fans, belts and exhaust heat.
- Perform the first log on a conservative map before increasing settings.

Sources and verification

BMS JB4 product page

Fitment, features and current JB4PRO wiring diagram.

<https://burgertuning.com/products/kia-stinger-genesis-g70-3-3l-turbo-jb4-performance-tuner>

BMS JB4 install video

Manufacturer installation video for the Stinger 3.3L.

<https://www.youtube.com/watch?v=ZDn1GwgycYM>

BMS EWG add-on

EWG installation summary and current guide links.

<https://burgertuning.com/products/jb4-ewg-add-on-connector-for-kia-stinger-and-infiniti-q50>

KJT JB4 product page

KJT product listing.

<https://www.kimjongtunedperformance.com/product-page/kia-stinger-genesis-g70-3-3l-turbo-jb4-performance-tuner-v1-1>