



advanced FLOW engineering

Instruction Manual P/N: 46-39104

76mm Throttle Body for Subaru/Toyota H4-2.4L

BRZ
GR86

2022-2025
2022-2025



Qty.	Part Description
1	76mm Throttle Body
1	Throttle Body Adaptor, 70mm to 76mm
1	Throttle Body Gasket
4	M6 x 1.0mm x 16mm Screw, Socket Hd Cap

- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- For technical support please call 951-493-7185.
- Ensure you have all necessary tools before proceeding.
- Ensure that your vehicle is cooled off before proceeding.
- Retain factory parts for future use.

1. Disconnect the battery.
2. Remove the air intake system from the vehicle.
NOTE: It is highly recommended to install an aFe Cold Air Intake system as the OEM intake tube coupler will not stretch over the larger size throttle body.
3. Pinch the coolant by-pass hoses with a hose pinch plier and disconnect the hoses.
4. Disconnect the electrical connector from the factory throttle body.
5. Remove the four (4) screws retaining the throttle body. Put these aside to reuse later.
6. Remove the factory throttle body.
7. Clean the gasket surface at the intake manifold and replace the gasket if necessary (not supplied).
8. Install the supplied aFe Throttle Body Adaptor onto the intake manifold using the supplied four (4) M6 x 1.0mm x 16mm socket head cap screws. Tighten to factory specifications (71 in/lbf or 8 Nm).
9. Install the supplied aFe 76mm Throttle Body and Gasket onto the aFe Throttle Body Adaptor using the four (4) screws removed earlier. Tighten to factory specifications (71 in/lbf or 8 Nm).
10. Connect the electrical connector to the aFe 76mm Throttle Body.
11. Connect the coolant by-pass hoses.
12. Install the air intake system back into the vehicle.
13. Reconnect the battery.
14. Installation is now complete.

NOTE: Check all screws, clamps, and connectors are secure after 100-200 miles