



# advanced FLOW engineering

## Instruction Manual P/N: 46-39115

### 65mm Throttle Body for Ford I4-2.3L (t) & V6-2.7L/3.0L (tt)

Ford	Bronco/Raptor	2021-2025	I4-2.3L (t) & V6-2.7L/3.0L (tt)
Ford	Edge ST	2019-2024	V6-2.7L (tt)
Ford	Explorer/ST	2020-2026	V6-3.0L (tt)
Ford	Explorer	2020-2023	I4-2.3L (t)
Ford	F-150	2018-2025	V6-2.7L (tt)
Ford	Mustang	2018-2023	I4-2.3L (t)
Ford	Police Interceptor	2020-2025	V6-3.0L (tt)
Ford	Ranger	2019-2025	I4-2.3L (t)
Ford	Ranger/Raptor	2024-2025	V6-2.7L/3.0L (tt)
Lincoln	Aviator	2020-2026	V6-3.0L (tt)
Lincoln	Nautilus	2019-2023	V6-2.7L (tt)



Qty.	Part Description
1	65mm Throttle Body

- 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. Disconnect any vacuum lines or electrical connectors from the charge air cooler (CAC) outlet pipe.
3. Loosen the clamp at the factory throttle body and remove the charge air cooler (CAC) outlet pipe.
4. Disconnect the electrical connector from the factory throttle body.
5. Remove the four (4) screws securing the factory throttle body. Save them for reinstallation.
6. Remove the factory throttle body.
7. Clean the gasket surface on the intake manifold and replace the factory gasket if necessary (gasket not supplied).
8. Install the supplied aFe 65mm throttle body onto the intake manifold using the four (4) factory screws removed in Step 5. Tighten to factory specifications (10 Nm or 89 in-lbs).
9. Connect the electrical connector to the aFe 65mm throttle body.
10. Reinstall the charge air cooler (CAC) outlet pipe.
11. Tighten the clamp at the aFe 65mm throttle body and reconnect any vacuum lines or electrical connectors.
12. Reconnect the battery. Use a scan tool to perform an ETC (Electronic Throttle Control) relearn if needed.
13. Installation is now complete.

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