



IDLE COMPENSATOR KIT #8059
for Edelbrock Performer & Thunder Series Carburetors
INSTALLATION INSTRUCTIONS

PLEASE study these instructions carefully before beginning this installation. If you have any questions, please call our **Technical Hotline at: 1-800-416-8628**, 7:00 am - 5:00 pm, Pacific Standard Time, Monday through Friday.

IMPORTANT NOTE:

Proper installation is the responsibility of the installer. Improper installation will void warranty and may result in poor performance and engine or vehicle damage.

PLEASE complete and mail your warranty card. Be sure to write the model number of this product in the "Part #____" space. **THANK YOU.**

- The Idle Compensator Kit for Edelbrock Performer and Thunder Series Carburetors is designed to increase the engine idle speed when a vehicle's air conditioning compressor is turned on. This provision is already present in most vehicles with factory-installed air conditioning, requiring only that the bracket and solenoid be installed on the carburetor and the solenoid wire plugged into the existing wiring connector. Please verify that your Idle Compensator Kit contains all of the items listed under Kit Contents before proceeding with the installation.

• KIT CONTENTS:

- | | | |
|---|--|--|
| <input type="checkbox"/> 1- Idle Solenoid | <input type="checkbox"/> 1- Bracket | <input type="checkbox"/> 1- Carb stud/nut/washer |
| <input type="checkbox"/> 1- Solenoid Nut | <input type="checkbox"/> 1- Special Lockwasher | |

• INSTALLATION

Remove front driver's side carb stud and replace with longer stud supplied in this kit. Place bracket over the stud and install nut and washer on stud. Position solenoid in bracket and install large washer (locking tabs face the solenoid) and locknut. Tighten firmly, but be careful not to over-tighten due to the large size (1-1/4") of the wrench used. Bend locking tabs on special washer over flats of the nut to prevent loosening. Attach the wire from the solenoid to the existing idle compensator wiring connector.

If connector is not present, you may splice a wire from the +12 volt wire supplying power to the air conditioning compressor (check with voltmeter or test light first). Use a 1/4" female receptacle and at least 18-20 gauge wire. Some receptacles will require that the locking tab on the solenoid be flattened before the receptacle will fit.

• ADJUSTMENT

With engine fully warmed up, turn on air conditioner and verify that the plunger extends when the air conditioning is on and retracts when it is turned off. If necessary, adjust idle speed by turning solenoid plunger in or out with a 1/2" wrench. **NOTE: The solenoid will not engage the throttle lever and increase idle RPM until the throttle pedal depressed at least one time. Depressing the throttle with the air conditioning switched ON will activate and engage the plunger. The plunger will disengage when the air conditioning is switched OFF."**

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