

# 4afe engine starter location

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### 4AFE Engine Starter Location

#### Where is the starter located on a 4AFE engine?

The starter on a 4AFE engine is located on the driver's side of the engine, near the bottom of the bellhousing. It is mounted to the engine block with two bolts.

#### How do I replace the starter on a 4AFE engine?

To replace the starter on a 4AFE engine, you will need the following tools:

- 10mm socket and wrench
- 12mm socket and wrench
- Phillips screwdriver
- Pry bar

1. Disconnect the negative terminal of the battery.
2. Remove the air cleaner assembly.
3. Disconnect the electrical connector from the starter solenoid.
4. Remove the two bolts that hold the starter to the engine block.
5. Carefully pry the starter off of the alignment pins.
6. Reverse the above steps to install the new starter.

#### What are the symptoms of a bad starter?

The symptoms of a bad starter can include:

- The engine does not crank when the key is turned.

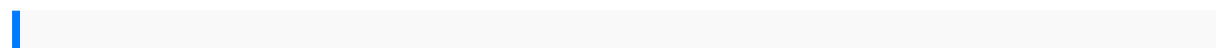
- The starter makes a clicking sound when the key is turned.
- The starter grinds when the key is turned.

### How can I test the starter?

To test the starter, you will need a voltmeter.

1. Set the voltmeter to the 20-volt scale.
2. Connect the positive lead of the voltmeter to the positive terminal of the starter.
3. Connect the negative lead of the voltmeter to the negative terminal of the starter.
4. Turn the key to the "start" position.

If the voltmeter reads 12 volts, the starter is good. If the voltmeter reads less than 12 volts, the starter is bad.



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