



**THINK YOU STILL HAVE A PUMP PROBLEM? SEE BELOW FOR COMMON ISSUES THAT CLOSELY RESEMBLE FUEL PUMP FAILURE.**

*All Autobest fuel pumps are fully tested prior to leaving the factory. Before you suspect that the fuel pump is defective, investigate these other common causes of starting and/or driveability issues.*

Look For	Possible Problem	Possible Solution
<b><u>Purchased the Correct Pump?</u></b>	<b><u>You have purchased a pump intended for another vehicle. Fuel Pumps often times have restrictive product fitment qualifiers.</u></b>	<b><u>Check up to date product fitment notes at <a href="http://Autobestusa.com">Autobestusa.com</a>, and make sure the pump you purchased is intended for your vehicle.</u></b>
<b>Misdiagnosis of Fuel Pump Failure!</b>	<b>A different problem has been incorrectly diagnosed as a bad fuel pump.</b>	<b>Check other possible problems and solutions listed below.</b>
<i>Alarm System or Anti-Theft</i>	Anti-theft or other alarm system is armed.	Disarm anti-theft or alarm system.
<i>Bad Fuel Pump or Tank Ground</i>	Fuel pump or tank ground wire is not properly grounded.	Check, replace and/or repair any faulty ground wiring.
<i>Camshaft Signal</i>	Camshaft position sensor is bad, relaying no signal to the ECM.	Check and replace as needed.
<i>Crankshaft Signal</i>	Crankshaft position sensor is bad, relaying no signal to the ECM.	Check and replace as needed.
<i>Enough Fuel in the Tank</i>	Not enough fuel in the tank to prime the new fuel pump.	Add 2 to 3 gallons of fresh, good quality fuel to the vehicle fuel tank.
<i>Fuel Filter is New</i>	Dirty or clogged fuel filter.	Check and replace as needed. This must be replaced when installing a new pump.
<i>Fuel Pressure Regulator is Stuck</i>	Fuel pressure regulator is stuck open or closed, resulting in too low or high of fuel pressure.	Check and replace as needed.
<i>Fuel Pump Driver</i>	A bad or corroded fuel pump driver, relaying no signal to the PCM.	Check and replace as needed.
<i>Fuel Pump Fuse</i>	Fuel pump fuse is blown.	Check and replace as needed.
<i>Fuel Pump Relay</i>	Fuel pump relay is bad.	Check and replace as needed.
<i>Fuel Pump Wiring</i>	Factory fuel pump wiring, wiring connector and/or ground is defective and has not been replaced with updated/improved parts.	Replace with updated/improved wiring parts. This must be replaced when installing a new pump.
<i>Fuel Strainer is New</i>	Dirty or clogged fuel strainer.	Check and replace as needed. This must be replaced when installing a new pump.
<i>Fuel System Lines Intact</i>	Fuel hose and lines are cracked, blocked or bent.	Check, repair and/or replace any faulty fuel lines.
<i>Gauge Stepper Motor</i>	Stepper motor behind gauge is bad, resulting in improper fuel gauge readings.	Check and replace as needed.
<i>Inertia Switch/Valve Has Tripped</i>	A tripped inertia switch/valve has not been reset.	Reset the inertia switch/valve.
<i>Low Battery Voltage</i>	Battery voltage is less than 12.4 volts.	Charge or replace the battery as needed.
<i>Low Starter Cranking Voltage</i>	Cranking voltage at the starter is less than 9.6 volts.	Check, repair and/or replace burnt, frayed and/or corroded wiring to the starter.
<i>Mass Air Flow Sensor</i>	Mass Air Flow sensor may be dirty or defective.	Check, clean and/or replace as needed.
<i>Oil Pressure Switch Signal</i>	Oil pressure switch is bad, relaying no signal to the ECM.	Check and replace as needed.
<i>Power to the Pump</i>	There is no 12 volt power going to the fuel pump.	Check at the fuel pump connector for 12 volt power. Replace and/or repair any faulty 12 volt power wiring.
<i>Quality of Fuel in the Tank</i>	Fuel in tank is old and/or contaminated.	Flush and clean the inside of the vehicle fuel tank.

**NOTE:** Although many common issues are listed above, there is no way to cover all scenarios which may also resemble fuel pump failure. See your vehicle service manual for proper safety, specification, diagnostic and repair information.