

FUEL PUMP

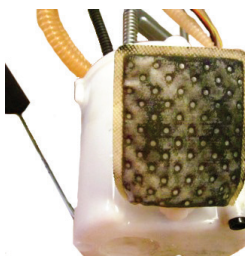
COMMON SYMPTOMS OF FAILURE AND HOW TO PREVENT THEM

FAILURE	REASON	PREVENTION
Corrosion	<ul style="list-style-type: none"> Too much moisture/water in Fuel Tank Fuel quality is not standard Depending on source, fuel can have additives / contamination that will eventually clog FP filters Improper installation and/or maintenance 	<p>At install:</p> <ul style="list-style-type: none"> Thoroughly flush Fuel Tank at installation Install a new strainer at Fuel Pump repair Follow correct replacement periods of Fuel Filter (In-Line) <p>During Use:</p> <ul style="list-style-type: none"> Use fuel consistently (don't have your vehicle sit for months) - ethanol/water can separate from gasoline if left standing Keep fuel tank more full than empty If the vehicle sits unused for an extended amount of time either empty the tank or add fuel stabilizers to the tank
Contamination		
Burned Wirings or Connectors		
Broken/Misused	<ul style="list-style-type: none"> Modified parts Improper installation Transportation damage 	<ul style="list-style-type: none"> Use part numbers only for their intended application Do not modify Fuel Pump Handle Fuel Pump with care
Commutator Brush Wear	<ul style="list-style-type: none"> Wear over time 	<ul style="list-style-type: none"> Cannot prevent with current brushed FP technology Contamination can speed this process Consistently low fuel level in tank can speed this process Higher quality brush/commutator material and construction will slow down this process Brushless Fuel Pump (future)

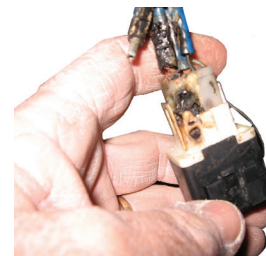
Corrosion



Contamination



Burned Wirings or Connectors



Broken/Misused

