Davey® Repair or Replacement Guarantee

In the unlikely event in Australia or New Zealand that this Davey product develops any malfunction within warranty periods beginning from the date of original purchase due to faulty materials or manufacture, Davey will at our option repair or replace it for you free of charge, subject to the conditions below.

Davey Guarantee

Firefighter Liquid End - One Year
Engines fitted to Davey pumps are the responsibility of the engine manufacturer or their representative
The manufacturer's stated guarantee terms and conditions are contained in the owners / operators manual provided with this pump.

Should you experience any difficulties with your Davey product, we suggest in the first instance that you contact the Davey Dealer from which you purchased the Davey product. Alternatively you can phone our Customer Service line on 1300 367 866 in Australia, or 0800 654 333 in New Zealand, or send a written letter to Davey at the address listed below. On receipt of your claim, Davey will seek to resolve your difficulties or, if the product is faulty or defective, advise you on how to have your Davey product repaired, obtain a replacement or a refund.

Your Davey Guarantee naturally does not cover normal wear or tear, replacement of product consumables (i.e. mechanical seals, bearings or capacitors), loss or damage resulting from misuse or negligent handling, improper use for which the product was not designed or advertised, failure to properly follow the provided installation and operating instructions, failure to carry out maintenance, corrosive or abrasive water or other liquid, lightning or high voltage spikes, or unauthorized persons attempting repairs. Where applicable, your Davey product must only be connected to the voltage shown on the nameplate.

Your Davey Guarantee does not cover freight or any other costs incurred in making a claim. Please retain your receipt as proof of purchase; you MUST provide evidence of the date of original purchase when claiming under the Davey Guarantee.

Davey shall not be liable for any loss of profits or any consequential, indirect or special loss, damage or injury of any kind whatsoever arising directly or indirectly from Davey products. This limitation does not apply to any liability of Davey for failure to comply with a consumer guarantee applicable to your Davey product under the Australian or New Zealand legislation and does not affect any rights or remedies that may be available to you under the Australian or New Zealand Consumer Legislation.

In Australia, you are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Should your Davey product require repair or service after the guarantee period; contact your nearest Davey Dealer or phone the Davey Customer Service Centre on the number listed below.

For a complete list of Davey Dealers visit our website (davey.com.au) or call:

DAVEY

Davey Water Products Pty Ltd
Member of the GUD Group
ABN 18 066 327 517

daveywater.com

AUSTRALIA
Customer Service Centre
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Ph: 1300 232 839
Fax: 1300 369 119
Email: sales@davey.com.au

NEW ZEALAND
Customer Service Centre
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Fax: 0800 654 334
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P/N 48066-8

*** Installation and operating instructions are included with the product when purchased new. They may also be found on our website.**

DAVEY

PORTABLE SELF PRIMING PUMPS

INSTALLATION AND OPERATING INSTRUCTIONS

These Instructions and the accompanying engine manufacturer's instructions must be delivered with the pump to the operator.

NOTE:
- **Your Davey pump is fitted with a four stroke engine WHICH REQUIRES OIL IN THE SUMP.**
- **Petrol engines require UNLEADED petrol in the fuel tank.**
- **Read ALL instructions to avoid equipment failure which may not be covered by guarantee.**
- **Fill sump with oil and pump with water before starting. YANMAR diesel engines do not have low oil protection. Check oil levels and maintain oil quality regularly.**

Engine: Fill sump with oil to correct level before starting the four stroke engine. Operation at high altitudes, high temperatures and/or humidity will reduce engine performance.

IMPORTANT NOTICE:
The Honda and Briggs & Stratton engines fitted to Davey Firefighters® have an automatic oil level cut-out which will stop the engine and/or prevent starting when oil level is low and/or when engine is tilted.

IN EMERGENCY CIRCUMSTANCES ONLY, OIL LEVEL CUT-OUT MAY BE DISABLED AS FOLLOWS:

FOR HONDA: Disconnect yellow lead to starting switch at 'bullet' junction.
FOR BRIGGS & STRATTON: Remove lead from 'oil guard' sensor. In Vanguard models this should be done at the sensor light. In INTEK models this should be done at the sensor plug, which is located in the crankcase cover.

NOTE: WARRANTY FROM THE ENGINE MANUFACTURERS MAY BE JEOPARDISED BY SUCH ACTIONS.

READ ALL INSTRUCTIONS BEFORE OPERATING PUMP

WARNING:
Engine manufacturer's instructions must be followed to ensure safe operation of this product and to avoid possible engine damage or reduced engine life.

PUMP LOCATION:
For most efficient operation, site the pump as close to the water as practical.
It is essential for the correct function of the engine that it be located on a horizontal surface. If allowed to run at an inclination, the oil lubrication system of the engine may not operate correctly. Subsequent engine failure would not be covered by the manufacturer's guarantee.
The pump should be positioned in a well drained location to avoid possible property damage by leaking hose fittings or pump seals, spilled engine fuel etc.
If you intend to operate your pump on a hard surface, Davey suggest a suitable resilient mounting to be fitted to your pump and engine.

SUCTION PIPE:
A reinforced or non-collapsible hose should be used for the pump suction. The minimum suction pipe size should be 38mm ($1^1/_2$") I.D. for up to 6.5hp Firefighter® models, 50mm (2") I.D. for G5006 and 9hp Firefighter® models and 80mm (3") I.D. for G8016 Firefighter® models. A strainer should always be fitted to the bottom of the suction pipe. The strainer should be kept out of sand, mud etc., to avoid particles being drawn into the pump and causing damage by abrasion.
Always locate the pump so that the rise of suction pipe from water to pump is even with no humps or hollows where air may be trapped.
All pipe connections must be air tight for best priming and operation - check that washers in nuts and tails are in good order.

DELIVERY PIPE:
Care should be taken on correct selection of pipe pressure rating as single stage Firefighter® units are capable of delivering pressures up to 650kPa (93psi). Two stage Firefighter® Plus units are capable of pressures up to 1135kPa (165psi).

PUMP PRIMING:
To prime the pump initially, it is necessary to fill the pump body with water before starting the engine.
Choke and start engine, open discharge then allow the pump to run until it is drawing water. The pump will establish prime better at higher engine speeds. Allow up to 3 minutes for long or deep suctions.
If the pump fails to prime, then it may be due to the pump flap valve not seating properly, an air leak in the suction pipe or fittings, a blocked suction pipe, or the bottom end of the pipe embedded in mud.

NOTE: When transporting your Davey Portable Self Priming Pump, water from the casing may leak back past the priming flap. Before attempting to self prime the pump you may need to check that the pump casing is full of water.

PUMP OPERATION:
High performance can be obtained from these pumps if the engine speed is increased, however, we do not recommend the pumps be operated over 3600rpm for extended periods, as this may overload the engine and reduce its working life. Operating the engine at full throttle for extended periods will shorten engine life and may result in premature failure. For operations such as irrigation or dam and tank filling, the throttle should be closed to around 3/4 maximum. This should correspond to around 3000rpm maximum.

BATTERY CONNECTION:
For battery connection details please refer to Davey Firefighter instructions located here **https://qr.daveywater.com/7WJS**.

AVOIDING PUMP DAMAGE:
Pumping water containing sand, dirt or other abrasive materials will result in accelerated pump wear and seal failure. Damage of this kind is not covered by guarantee.
Pumping water containing chemicals or high concentrations of salt may damage pump components. If the pump is used for this kind of service, life will be extended by always washing thoroughly with clean water after use. However, Davey cannot accept responsibility for damage caused by chemicals, salt or corrosive fluids.
Pumping hydrocarbon based liquids, even in diluted form, is likely to cause damage to internal pump components and such failure is not covered by guarantee.

SPECIAL MODELS - Viton Seal Equipped
These special models, identified by a black handle, have been fitted with Viton® seals and elastomers. This is to provide the pump with superior resistance to common agricultural chemicals. These pumps should still be flushed out with clean water after use.

STORAGE OF UNIT:
The pump unit should be drained of water and normal engine storage procedure should be followed. (Run unit until fuel is exhausted, drain and fill sump with fresh oil.) The unit should be stored in a dry place. Before starting pump after storage it should be checked to make sure that it is free to rotate by pulling Engine Starter with ignition off.

REMOVAL OF IMPELLER:
Pump impeller is screwed clockwise onto the engine shaft. To remove the impeller, unscrew locking setscrew or impeller/s anti-clockwise using a socket in eye of impeller. If difficult to remove, lock engine crankshaft at recoil starter end.

WARNING: In the event of fire damage to the Viton® elastomers ("rubber"), consult your Davey dealer regarding safe handling of burnt Viton® components. Burnt Viton® emits a dangerous acid, which can cause serious health effects.

NOTE: The pump body should always be full of water when operating, and must not be allowed to run dry for extended periods. Check that there is flow through pump at all times when running as insufficient flow can cause damage not covered by guarantee.

WARNING: Pump may contain hot liquid under pressure.