

Davey® Repair or Replacement Guarantee

In the unlikely event in Australia or New Zealand that this Davey product develops any malfunction within one year of 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.

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 One Year 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 One Year 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 One Year 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:

DEPEND ON
DAVEY

WATER PRODUCTS

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

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AUSTRALIA

Customer Service Centre
6 Lakeview Drive,
Scoresby, Australia 3179
Ph: 1300 367 866
Fax: 1300 369 119
Website: davey.com.au

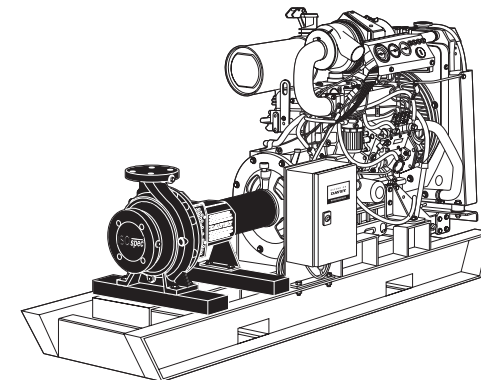
NEW ZEALAND

Customer Service Centre
7 Rockridge Avenue,
Penrose, Auckland 1061
Ph: 0800 654 333
Fax: 09 527 7654
Website: daveynz.co.nz

P/N 400434-1 supersedes P/N 400434



Installation and Operating Instructions for Yanmar TNE Series Powered ISO^{DAVEY}spec Diesel Pumpset



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

Please pass these instructions on to the operator of this equipment.

Congratulations on your new engine selection.

Yanmar TNE Series Engines are well proven in a variety of applications in Australia. However, to ensure you get maximum service life from the engine the following points must be observed -

1. Select the correct engine power for your application.
2. Install the engine correctly.
3. Use correct coolant and lube oil.
4. Service the engine according to the Operation Manual.

Engine Load

We recommend that the engine be loaded to not less than 60% of the available power at that speed, and not more than 90%. If your engine blows black or white smoke continuously after start up, turn it off and call your service dealer.



Damage caused by underloading or overloading is not covered by Yanmar Warranty.

Coolant

Choose one of the following tested products, using concentrations recommended by the manufacturer.

- Caltex Extended Life Coolant and premix. Product codes 1308 and 2636-205.
- Havoline Extended Life Anti Freeze / Coolant
- Dex-Cool Long Life Coolant. Available through GMH Service Centres
- Castrol Anti-Freeze Antil-Boil



Coolant must be compatible with aluminium alloy.

Engine Oil

Use SAE 30 (Mono grade) in ambient temperatures of 0°C to 40°C and SAE 40 (Mono grade) for engines being used in an ambient temperature range of 20°C to 50°C.

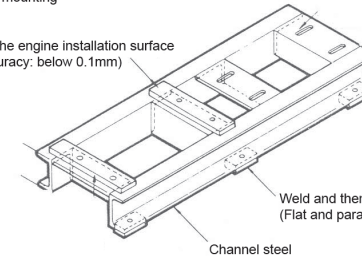
API Grade should be CC or CD.

Mounting - Stationary Engines

Hard mounted to reinforced concrete base of at least 200mm thickness. Base frame of extruded steel with closed ends and maximum 800mm between hold down bolts (refer illustration on page 3).

Engine base for fixed mounting

EXAMPLE ONLY
Weld and then grind the engine installation surface
(Flat and parallel accuracy: below 0.1mm)



Mounting - Stationary Engines continued...

Base plate should be levelled and shims fitted to both sides of the anchor bolts. The anchor bolts should then be uniformly tightened and the base plate grouted with non-shrinking mortar.

Lastly, check pump alignment, even if the pump / engine was supplied mounted to a base plate. Run engine to verify level of vibration is acceptable. If not, review mounting.

Mounting - Mobile Machinery

In general radiator should be hard mounted on frame of vehicle (as in a motor car). Engine should be hard mounted to chassis of vehicle, however rubber mounts may be used subject to Note 1.



Note 1 - At initial start up of engine run your fingers over the engine, frame and accessories to verify level of vibration. If excessive, review mounting of engine and radiator, and do not operate the engine until vibration is cured. Ask Yanmar Service Department for advice. Damage caused by vibration is not covered by warranty.

Belt Driven Pumps

TNE Series engines must use a side load kit to remove load from crankshaft. Up to 4TNE84T use Yanmar Kit #119888-89100. For 4TNE98 – 4TNE98T use over centre clutch or fabricate pedestal bearing / lay shaft.

Fuel System

1. Supply and fit Water Trap Filter between tank and lift pump
2. Return fuel line must be run from engine to top of fuel tank

Electrical

All TNE Series engines are 12VDC. Battery is connected negative to earth. Attach Positive lead to "HOT" terminal of Starter Motor Solenoid. Attach Negative lead to engine block – clean first.



Note: Excessive cranking of engine can cause damage to the Starter Motor and / or Stop Solenoid. Refer to instructions in operation manual.