This guide is only a point of reference- there is no implied warranty or guarantee of cause of failure or proper usage.

Please refer to your equipment's original operating manual for optimal guidance.

WATER PUMP INSTALLATION AND FITMENT GUIDE

- Flush the engine cooling system out for any corrosion or rust.
- Clean out the impeller chamber in the cylinder block.
- Thoroughly clean and examine all engine joint surfaces which use a gasket. Remove any old gasket residue.
- To install a separate pulley or hub onto the water pump, do so with steady pressure on the pulley, and with the shaft end fully supported. Be cautious to avoid impacting or striking the pulley or shaft as this may ultimately result in water pump bearing damage or premature failure.
- Layer the new gasket with applicable compound, and place into position. Install any o-rings if required as well.
- Fit water pump to engine and tighten bolts to manufacturer recommended torque.
- Verify free rotation of pump by hand and ensure all connecting parts are fitted properly in place and in good working condition. This includes the fan, belts, hoses and any additional parts. If there is damage or excessive wear to any parts, replace immediately.
- Connect hoses and belts, exercising caution not to overtighten fan belts.
- Refill system with manufacturer suggested coolant solution and check for any leaks.
- Start the engine and keep engine running until normal operating temperature is achieved. Check again for any leaks, being cautious not to stand in line or near to the fan. Some initial water leakage from the pump seal may occur, which is normal and should stop after a certain period.
- Check system levels and top off once again if necessary.
- Avoid letting the system run dry as this will result in damage to the seal.

To ensure proper pump performance and maximum efficiency, it is important to follow the steps above. Short cutting these steps may cause premature pump failure and/or damage to the pump.