TROUBLE SHOOTING CHART

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Possible Cause(s)</th>
<th>Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump will not start or run</td>
<td>1. Blown fuse or breaker</td>
<td>1. Check pump housing or power cord for damage, before replacing fuse or resetting breaker. If in doubt call an electrician</td>
</tr>
<tr>
<td></td>
<td>2. Low supply voltage</td>
<td>2. Contact an electrician</td>
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<tr>
<td></td>
<td>3. Worn motor</td>
<td>3. Replace pump</td>
</tr>
<tr>
<td></td>
<td>4. Impeller not rotating (jammed)</td>
<td>4. If impeller will not turn, disconnect pump from power source and remove blockage (see Volute and Impeller Cleaning Instructions)</td>
</tr>
<tr>
<td></td>
<td>5. Thermal protector open</td>
<td>5a. Water temperature is too high, allow water to cool before pumping</td>
</tr>
<tr>
<td></td>
<td>6. Impeller not rotating (jammed)</td>
<td>6. Allow water to cool before pumping</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. Inlet clogged, remove debris</td>
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<tr>
<td></td>
<td></td>
<td>c. Motor seized, replace pump</td>
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<tr>
<td></td>
<td></td>
<td>d. Discharge clogged or hose kinked/ clogged. Clear blockage</td>
</tr>
<tr>
<td>Pump starts but delivers little or no</td>
<td>1. Inlet clogged</td>
<td>1. Clean debris from exterior of volute and all debris filtering features</td>
</tr>
<tr>
<td>flow</td>
<td>2. Low supply voltage</td>
<td>2. Contact an electrician</td>
</tr>
<tr>
<td></td>
<td>3. Restriction in discharge hose</td>
<td>3. Unwind garden hose, remove any kinks or restrictions in hose</td>
</tr>
<tr>
<td></td>
<td>4. Discharge lift too high</td>
<td>4. Water level to end of garden hose is 25 ft. or greater, reduce vertical lift.</td>
</tr>
<tr>
<td></td>
<td>5. Impeller clogged</td>
<td>5. Disconnect pump from power source and remove blockage(see Volute and Impeller Cleaning Instructions)</td>
</tr>
</tbody>
</table>

LIMITED WARRANTY

For one year for WWB 2 model from the date of purchase, from an authorized dealer, Wayne Water Systems will repair or replace, at its option for the original purchaser, any part or parts of its Multi-Use Pumps or Water Pumps ("Product") found upon examination by Wayne Water Systems to be defective in materials or workmanship. Please call Wayne Water Systems (866-928-7284) for warranty instructions. Be prepared to provide the model number and the serial number when exercising this warranty. All transportation charges on Products or parts submitted for repair or replacement must be paid by purchaser.

This Limited Warranty does not cover Products which have been damaged as a result of accident, abuse, misuse, neglect, improper installation, improper maintenance, or failure to operate in accordance with Wayne Water Systems’ written instructions.

THIS WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, OBLIGATIONS OR AGREEMENTS, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND ANY RIGHTS OR REMEDIES AGAINST ANY PERSON OR ENTITY UNDER THE UNIFORM COMMERCIAL CODE OR OTHERWISE WITH RESPECT TO THE SALE OF THE PRODUCT. THE REMEDIES AND OBLIGATIONS STATED IN THIS WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES OF AND OBLIGATIONS TO THE OWNER FOR ANY AND ALL MATTERS ARISING WITH RESPECT TO OR IN ANY WAY CONNECTED WITH THE PRODUCT. REGARDLESS OF THE SOURCE OR PROVER OF SUCH GOODS. IN NO EVENT WHETHER AS A RESULT OF BREACH OF CONTRACT, WARRANTY TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, SHALL WAYNE WATER SYSTEMS OR ANY AFFILIATE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

You MUST retain your purchase receipt along with this form. In the event you need to exercise a warranty claim, you MUST send a copy of the purchase receipt along with the material or correspondence. Please call Wayne Water Systems (866-928-7284) for return authorization and instructions.

DO NOT MAIL THIS FORM TO Wayne Water Systems. Use this form only to maintain your records.

MODEL NO. ___________________ SERIAL NO. ___________________ INSTALLATION DATE ___________________

ATTACH YOUR RECEIPT HERE

QUICK START INSTRUCTIONS

STEP 1 - GET TO KNOW YOUR PUMP

• 10 FT. POWER CORD
• TOP DISCHARGE
• CARRYING HANDLE
• SIDE DISCHARGE
• CORD WRAP
• CORD CLIP
• HANG LOOP
• CARRYING HANDLE

STEP 2 - CHOOSE THE DISCHARGE BEST FOR THE APPLICATION

• TOP DISCHARGE is perfect for water removal in tight spaces: Laundry Tubs, Window Wells, Basements, etc.
• SIDE DISCHARGE is ideal for easy water removal from open surfaces: Flat Roofs, Flooded Basements, standing water in yard, crawl spaces, etc.
• WARNING DECAL

STEP 3 - REMOVE DISCHARGE CAP

Removes water down to 1/16 in. of surface, VIRTUALLY DRY!

STEP 4 - ATTACH GARDEN HOSE TO BRASS DISCHARGE

STEP 5 - PLACE IN WATER

Requires 3/16 in. of water to start pumping.

FOR FURTHER INSTRUCTIONS, DOWNLOAD OWNER'S MANUAL ONLINE

www.waynepumps.com/product/wwb

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For product & service information visit www.waynepumps.com

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PUMP OPERATION (CONT’D)

7. Always know where your discharge hose is placed. An unsecured discharge hose may move or whip when the pump is turned on.
8. Plug the power cord into a grounded 120 VAC GFCI protected power outlet. Make sure the electrical outlet is grounded and is rated for at least 15 amps. The pump will start operating as soon as the power cord is plugged into the power outlet.
9. The pump will remove water down to approximately 1/16 inch of the surface the pump was placed on. Removing water down to 1/16 inch is based on many factors. For pump to remove water as low as possible the pump must be on a level surface.
10. The pump should be unplugged once the water is no longer being moved, or pump will run dry.

PUMP RESET

If the pump runs dry, the pump will shut off. A hard reset is required.
To reset the auto off function of the waterbug2, follow the steps below:
A. For standard resetting, unplug pump and wait approximately 1 hour.
B. For rapid reset, unplug pump, submerge in cold water, and wait approximately 15 minutes.
C. Remove from water then plug to a grounded outlet, to verify it has reset.
D. If pump does not reset, unplug and wait 5 minutes, then repeat step C.

NOTE: Debris filter will not protect pump from all debris. If reduced performance is noticed it may be necessary to clean the volute and impeller.

VOLUTE AND IMPELLER CLEANING

a. Unplug pump
b. Remove inner 6 screws shown in (Figure 1), do not remove the outer screws!
c. Remove volute and clean impeller and volute of all debris.
d. Reposition cork gasket using alignment features taking care not to obstruct pump discharge openings.
e. Reinstall volute using caution not to overtighten or strip screws or screw bosses.

MAINTENANCE

1. Keep pump inlet clean and free of all foreign objects. Inspect inlet at beginning of each use.
2. The motor housing is completely sealed and requires no service. Disassembly of the motor housing or alteration of the power cord could result in fatal electrical shock and will void warranty.

SERVICE AND REPAIR

Service work on this pump must be performed by qualified repair personnel. ONLY use identical WAYNE replacement parts.

A WARNING When servicing this pump, only identical WAYNE replacement parts should be used. Failure to follow these steps may create a risk of flooding, property damage, fatal electrical shock, or other serious injury.

A AVERTISSEMENT Lors de l’entretien de cette pompe, seules des pièces de rechange originales de WAYNE doivent être utilisées. Le non-respect de ces étapes peut entraîner un risque d’inondation, de dégâts matériels, de choc électrique mortel ou d’autres blessures graves.

NOTE: Do not allow pump to run dry. The shaft seal depends on water for lubrication. Operating the pump without water will damage the shaft seal and cause pump failure.

NOTE: Do not kink cord, do not use with damaged cord.

A WARNING Disconnect power before servicing. Improper use could result in death or serious injury.

A AVERTISSEMENT Débrancher l’alimentation avant de procéder à l’entretien. Une utilisation incorrecte peut entraîner la mort ou des blessures graves.
GENERAL SAFETY INFORMATION (CONT’D)

WARNING Use safety equipment. Always wear eye protection, dust mask, non-slip safety shoes and hard hat must be used for appropriate conditions.

AVERTISSEMENT Utiliser un équipement de sécurité. Toujours porter des lunettes de protection, un masque antipoussière, des chaussures de sécurité antidérapantes et un casque doivent être utilisés selon les conditions appropriées.

WARNING If using pump to drain a vessel containing heated water, allow time for water temperature before pumping the water. Failure to do so may cause pump failure or property damage and will void warranty.

AVERTISSEMENT Lors de l’utilisation d’une pompe pour vidrier un réservoir contenant de l’eau chaude, laissez l’eau refroidir jusqu’à température ambiante avant de la pomper. Ne pas le faire peut entraîner une panne de la pompe ou des dégâts matériels et annulera la garantie.

WARNING This product is not approved for permanent pool applications or as a pool or spa-cover drain pump.

AVERTISSEMENT Ce produit n’est pas approuvé pour une utilisation permanente en piscine ou comme pompe de vidange de piscine ou de cuve thermale.

WARNING If there is water or moisture on the floor, do not walk on wet area until all power is turned off. If the shut-off box is in the basement, call an electrician. Failure to follow this warning could result in fatal electrical shock.

DANGER Si le sous-sol a de l’eau ou de l’humidité sur le plancher, ne pas marcher aux endroits mouillés avant que le courant ne soit coupé. Si le boîtier de coupure de courant se trouve au sous-sol, appeler un électricien. Le non-respect de cet avertissement peut entraîner un choc électrique mortel.

DANGER Disconnect power before servicing. Improper use could result in death or serious injury.

DANGER Débranchez l’alimentation avant de procéder à l’entretien. Une utilisation incorrecte peut entraîner la mort ou des blessures graves.

DANGER DO NOT handle a pump or pump motor with wet hands or when standing on wet or damp surface or in water when pump is connected to power source.

DANGER NE PAS manipuler une pompe ou un moteur de pompe avec des mains mouillées ou sur une surface mouillée ou humide ou dans l’eau lorsque la pompe est connectée à une source d’alimentation.

PUMP OPERATION

1. This pump has been designed to attach to a standard garden hose. Thread the female end of the garden hose to either discharge on the pump. Make sure the discharge not being used is securely sealed using the attached screw-on cap (if unused discharge is not capped, water will not be pumped through the garden hose).

2. To reduce leakage between the pump and the hose, place a hose washer (not included) on the garden hose before attaching to the pump.

3. For best pump performance, unwind the hose before starting the pump. This will help remove any kinks or bends in the hose and allow the unit to pump with less restriction.

4. Place pump on a hard surface in the water. Do not set the pump directly on mud or sand surfaces. This will cause the inlet screen to clog. For best results clean an area on the hard surface for the pump to sit while working. The filter features of this pump work best if the debris is filtered from the outside in. Sitting the pump directly on a loose/dirty surface will not allow the filter features to work to their full extent.

NOTE: A flat object such as a piece of hardwood or rigid plastic (e.g. 5 gallon bucket lid) can be placed under the pump if no clean hard surface can be found. However, this will increase the priming and pump down levels.

NOTICE Do not place pump directly on clay, gravel, leaves or any loose or sandy surfaces. These surfaces contain small stones, sand, or debris that may clog or damage the pump. This could result in pump failure causing flooding and property damage.

5. The water level must be at least 3/16 inch deep for the pump to operate. Water levels less than 3/16 inch will not allow the impeller to contact water and no water will be pumped.

6. Inspect the pump housing, power cord, and plug for damage or leaks. If the plug is missing the grounding prong or the cord is damaged, do not use the pump. If the pump housing is damaged or leaking discard pump. DO NOT USE.

AVERTISSEMENT Ne jamais débrancher la broche de mise à la terre ou utiliser un adaptateur, cela annulera la garantie.

WARNING Never cut off grounding prong or use an adapter. This will void warranty.
Operating Instructions and Parts Manual

DESCRIPTION
This Submersible Multi-Use Pump is designed for non-automatic use in clear water. The unit is equipped with a 10 foot, 3 prong grounding type power cord. The motor is sealed and for cooler operation. Both discharge fittings are designed for convenient attachment to a garden hose. As a safety feature, this pump will auto shut off if the pump is left unattended or runs dry.

UNPACKING
Inspect this unit before it is used. Occasionally, products are damaged during shipping. If the pump or components are damaged, return the unit to the place of purchase for replacement, or call Customer Support (866-628-7284).

SAFETY SIGNAL WORDS

This manual contains information that is very important to know and understand. This information is provided for SAFETY and TO PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

**DANGER**
Imminently hazardous situation which, if NOT avoided, WILL result in death or serious injury.

**CAUTION**
Most equipment-related incidents are caused by failure to observe basic safety rules or precautions. WAYNE Water Systems IS NOT responsible for any bodily injury or property damage that may result from operation outside of the normal operating conditions.

**WARNING**
Potentially hazardous situation which, if NOT avoided, COULD result in death or serious injury.

**AVERTISSEMENT**
La mention mise en garde indique une situation potentiellement dangereuse qui, si elle n’est pas évitée, ENTRAÎNE la mort ou des blessures graves.

**MISE EN GARDE**
La mention avertissement indique une situation potentiellement dangereuse qui, si elle n’est pas évitée, risque d’entrainer des lésions corporelles graves ou même la mort.

**NOTICE**
Notice indicates important information, that if NOT followed, MAY cause damage to equipment.

**REMEMBER:** Keep your dated proof of purchase for warranty purposes! Attach it to this manual or file it for safekeeping.

GENERAL SAFETY INFORMATION

**WARNING**
This product can expose you to chemicals, including DENP, which is known to the State of California to cause cancer, birth defects and reproductive harm. For more information, go to www.P65Warnings.ca.gov.

**AVERTISSEMENT**
Ce produit peut vous exposer à des produits chimiques, notamment du DOP reconnus par l’État de Californie comme étant cancérigènes et à l’origine d’anomalies congénitales et de problèmes de l’appareil reproductif. Pour plus de renseignements, visitez le site www.P65Warnings.ca.gov.

**DANGER**
Do NOT pump flammable or explosive fluids such as gasoline, kerosene, solvents, thinners, etc. DO NOT use in a flammable and/or explosive atmosphere. ONLY pump clear water. Improper use could result in death or serious injury, and will void warranty.

**DANGER**
NE PAS pomper de liquides inflammables ou explosifs tels que de l’essence, du mazout, du kérosène, des solvants, des diluants, etc. NE PAS utiliser dans un environnement inflammable et/ou explosif. Pomper UNQUÉRIEUN de l’eau claire. Une utilisation incorrecte peut entraîner la mort ou des blessures graves et annulera la garantie.

**DANGER**
Electric shock hazard! GFCI receptacles will provide protection against live to ground faults only. The ground fault receptacle does NOT limit the magnitude of fault current and will NOT prevent electrical shock.

**DANGER**
Risque de choc électrique! Le disjoncteur de fuite à la terre fournira une protection uniquement contre les défauts entre les lignes et les fuites à la terre. Le boîtier du disjoncteur de fuite à la terre ne limite PAS l’amplitude du courant de défaut et n’empêchera PAS les chocs électriques.

**DANGER**
This pump must be plugged into a properly installed, and grounded GFCI outlet in accordance with all applicable codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do NOT use any adapter plugs. Check with a qualified electrician if you are not sure the outlet is grounded. If the pump should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.

**DANGER**
Ce produit doit être branché dans une prise correctement installée et une prise équipée d’un disjoncteur de fuite à la terre, conformément à tous les codes et règlements applicables. Ne jamais retirer la branche de mise à la terre et ne modifier, en aucun cas, la fiche. Ne pas utiliser de prises d’adaptateur. Vérifier avec un électricien qualifié si vous n’êtes pas sûr que le secteur est correctement mis à la terre. Si le pompe présente un dysfonctionnement électrique ou une panne, la mise à la terre fournit un chemin de faible résistance pour éloigner l’électricité de l’utilisateur.

**DANGER**
Before use inspect pump, power cord and plug for damage. If damage is present DO NOT USE pump.

**DANGER**
Avant chaque utilisation, vérifier que la pompe, le cordon d’alimentation et la prise ne sont pas endommagés. Si des dommages sont présents, NE PAS UTILISER la pompe.

**DANGER**
Electrical wiring must be performed by a qualified electrician. Improper wiring could result in fatal shock.

**DANGER**
Le câblage électrique doit être réalisé par un électricien qualifié. Un câblage incorrect peut entraîner un choc mortel.

**DANGER**
Do not abuse cord. Never use the cord to carry the pump or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges, or moving parts. Damaged cords increase the risk of electrical shock and will void warranties.

**DANGER**
Ne pas abuser du cordon. Ne jamais utiliser le cordon pour transporter la pompe ou tirer la fiche d’une prise de courant. Éloigner le cordon de la chaîne, de l’huile, des arêtes vives ou des pièces mobiles. Les cordons endommagés augmentent le risque de choc électrique et annulent la garantie.

**NOTICE**
If you use an extension cord surge protector, the customer support for proper gauge and length. This increases the risk of electrical shock. Extension cords may introduce voltage drop and may damage pump, property, and/or surge protector and could void warranty.

**NOTICE**
Stay alert, watch what you are doing, and use common sense when using this pump. Do NOT attempt to use this pump while standing in water. Clean and rinse the parts under running water. Improper use could result in death or serious injury, and will void warranty.

**NOTICE**
Lors de l’utilisation de la pompe il faut rester vigilant, être concentré sur ce qu’on fait et faire preuve de bon sens. Ne pas essayer d’utiliser cette pompe en cas de fatigue ou de l’influence de drogues, d’alcool ou de médicaments. Un moment d’inattention peut entraîner des blessures graves.

**WARNING**
Dress properly. Do not wear loose clothing or jewelry. Pull back long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothing, jewelry, or long hair can be caught in moving parts.

**AVERTISSEMENT**

**AVERTISSEMENT**
Ne pas trop se pencher. Maintenir, à tout moment, une bonne assise et un bon équilibre permet de garder un meilleur contrôle dans des situations imprévues.