IMPORTANT

Attention Valued Customer: The serial number of your machine and date of purchase is necessary information to facilitate warranty claims and the ordering of replacement parts.

For ease of reference, please record this information in the space provided below.

**Serial Number:** .................................................................

**Date of Purchase:** _____ / _____ /200

Additionally, you can conveniently register your new HD1500 HSDS at the website www.hdpowerwasher.com
1.0 MOVING AND STORAGE INSTRUCTIONS

**WARNING**
Mounting bracket is designed for use with HD 1500 HSDS only.

**WARNING**
The mounting template is designed to accommodate stud layout of 16 inch (40.6 cm) on center.

*Note: Stud layouts may vary.*

If your wall studs are not located 16” apart, use a 1/2” (12.7 mm) thick, 8” (20.3 cm) wide, plywood panel long enough to attach to the studs using (4) # 12x2” wood screws (not provided).

The mounting brackets may then be attached to the plywood panel using the 4 screws (28) provided.

**WARNING**
For plywood installation, to prevent the unit from falling, make sure you select the proper length of fastener for the secure mounting of plywood to the wall studs.

**WARNING**
It is necessary to affix the mounting plate directly to a framing stud or other appropriate surface able to support 67 lbs (30 kg).

**WARNING**
Consult local hardware professional for proper mounting fasteners.

**WARNING**
Failure to use proper mounting fasteners or follow mounting instructions may result in damage to equipment, property or personal injury.
2.0 ASSEMBLY INSTRUCTIONS

(Refer to pages 3, 4, 6, and 7).

Mount wall bracket (15) using template (14). See fig. 1 and 2 on page 3.
Mount the wall bracket (15) level at a height not lower than 1 m (3.5 ft) from the floor (fig. 1).

Assemble the support arm (16) to the base (17) by using screws supplied (18) as shown in Fig. 3.

Place the hose reel (20) under the mounting flange (19) and assemble retaining brackets (21) using four screws provided (22) as shown in Fig. 4.

Assemble handle (23) to lever on hose reel with the remaining screw (24) as shown in Fig. 5.

Attach the assembled home storage docking station to the wall bracket (15) as shown in Fig. 6.

Store high pressure cleaner on the docking station See fig. 7.
HD1500

PARTS LIST (Fig. 8)

1  Spray Gun
2  Variable Nozzle with Lance
3  GFCI
4  Water Inlet Filter Screen
5  Quick Connect Assembly
6  High-Pressure Hose
7  Safety Lock
8  Motor and Pump in Case
9  Power Supply Cord
10 ON/OFF Switch
11 Soap Lance Assembly
12 High Pressure Outlet
13 Shipping Plug
14 Mounting template (provided)
15 Wall bracket
16 Support arm
17 Base
18 Screw
19 Hose reel mounting flange
20 Hose reel
21 Retaining brackets
22 Screw
23 Handle
24 Screw
25 Soap dispenser storage location
26 Lance storage location
27 Spray gun storage location
28 # 12x1 6/8” Phillips Flat Head
   Wood screws (US equivalent # 12x1 1/2” Phillips
   Flat Head Wood screws)
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<tr>
<th>Section</th>
<th>Description</th>
<th>Page</th>
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<td>MOVING AND STORAGE INSTRUCTIONS</td>
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<td>ASSEMBLY INSTRUCTIONS</td>
<td>5</td>
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<td>12</td>
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<td>4.0</td>
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<tr>
<td>9.0</td>
<td>TECHNICAL DATA</td>
<td>19</td>
</tr>
</tbody>
</table>
FOR EASY INSTALLATION
CAREFULLY READ THE OPERATORS INSTRUCTIONS FOR USE BEFORE STARTING UP THE WASHER FOR THE FIRST TIME.

ALWAYS STORE YOUR PRESSURE WASHER IN A LOCATION WHERE THE TEMPERATURE WILL NOT FALL BELOW 0 °C (32°F). FREEZE DAMAGE IS NOT COVERED BY THE WARRANTY.

1. REMOVE THE WATER PLUG

Fig. 9

2. *CONNECT THE HIGH PRESSURE HOSE

*Front of unit

Fig. 10

3. *CONNECT THE GARDEN HOSE

*Back of unit

Fig. 11
4 CONNECT TO WATER SUPPLY

5 INSERT THE WAND INTO THE SPRAY GUN

6 PLUG GFCI INTO POWER RECEPTACLE AND PRESS RESET BUTTON
7. TURN ON WATER SUPPLY

Fig. 15

8. START THE PRESSURE WASHER

ON

OFF

Fig. 16

9. SQUEEZE THE TRIGGER ON THE GUN TO START MOTOR AND WATER FLOW

Fig. 17


**3.0 IMPORTANT SAFETY INSTRUCTIONS**

**WARNING:** When using this product basic precautions should always be followed, including the following:

1. Read all the instructions before using the product.
2. To reduce the risk of injury, do not operate near children.
3. Be thoroughly familiar with the controls.
4. Stay alert - watch what you are doing.
5. Do not operate the product when fatigued or under the influence of alcohol or drugs.
6. Keep operating area clear of all persons.
7. Do not overreach or operate unit on unstable surface. Keep good footing and balance at all times.
8. Follow the maintenance instructions specified in the manual.

The pressure washer is equipped with a stop device which will sense when the trigger on the gun is released. It will open the power circuit to the motor and cause the pressure washer to stop.

**WARNING:** The pressure washer is also equipped with a main power on/off switch located on the unit. It should always be moved to the off position when the pressure washer is not being used to prevent possible injury or damage.

**MOTOR OVERLOAD**
The electric motor in this pressure washer is equipped with an overload protection device which will automatically shut off the motor in the event the motor draws excessive current or overheats. The device will automatically reset itself and resume normal operation after a short period of time.

**GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION**
This pressure washer is provided with a ground-fault circuit-interrupter (GFCI) built into the plug of the power supply cord. This device provides additional protection from the risk of electric shock.

If replacement of the plug or cord is needed, use only identical replacement parts.

**WARNING:** Risk of injury - Do not direct discharge stream at anyone.

**SAVE THESE INSTRUCTIONS**

---

**4.0 OPERATING CONNECTIONS**

(See pages 9-11)

**4.1 HIGH PRESSURE HOSE**
Remove and discard the water plug. (Fig.9)
Attach the high pressure hose by carefully inserting the fitting with the o-ring into the high pressure outlet and tighten the threaded nut by hand. (Fig.10)

**4.2 WATER CONNECTION (Cold water)**
Before connecting, run water through the garden hose (not supplied) to flush out any foreign matter. Attach garden hose to the pressure washer water inlet connection. (Fig.11)

If your water source is a well, the garden hose length can only be 30 ft. (9m) max.

**ATTENTION:**
Proper water connection (Fig.11).

**4.3 POWER SUPPLY CONNECTION**
The pressure washer is factory-equipped with an electrical cord and a ground fault circuit interrupter (GFCI) plug (Fig.14). This cord should only be connected to an electrical outlet installed in accordance with local safety regulations.

**NOTE:** The power supply must be 120V, 60hz and a minimum 15 amp dedicated circuit.

**WARNING:** Test GFCI before each use. DO NOT use pressure washer if test below fails.

GFCI Test Procedures (Fig.14):
1. Plug GFCI into power receptacle. Indicator should turn red.
2. Press test button. Red indicator should disappear.
3. Press reset button for use.

Do not use if above test fails

**NOTE:** The GFCI must be reset each time the pressure washer is connected to an electrical outlet. Reset by simply pushing the reset button on the GFCI power plug.

A. Connect only to properly grounded outlet.
B. Inspect cord before using. Do not use if cord is damaged
C. Keep all connections dry and off the ground.
D. Do not touch plug with wet hands.
E. The pressure washer is provided with a ground-fault circuit interrupter built into the power plug.

If replacement of the plug or cord is needed, use only identical replacement parts. Contact Customer Service for proper replacement parts.
EXTENSION CORDS
Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking “Acceptable for use with outdoor appliances: store indoors while not in use”. Use only extension cords having an electrical rating not less than the rating of the product. Do not use damaged extension cords. Examine extension cord before using and replace if damaged. Do not abuse extension cord and do not pull on any cord to disconnect. Keep cord away from heat and sharp edges. Always disconnect the product from the extension cord.

When using an extension cord, observe the specification below:

<table>
<thead>
<tr>
<th>Cable Length</th>
<th>Wire Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 25 ft.</td>
<td>12 AWG Outdoor</td>
</tr>
</tbody>
</table>

**WARNING:** To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands.

A. Inspect cord before using. Do not use if cord is damaged

B. Keep all connections dry and off the ground.

C. Do not touch plug with wet hands.

**WARNING**

5.0 OPERATING INSTRUCTIONS

**WARNING:** Risk of Injury. Do not direct discharge stream at anyone.

**5.1 START-UP PROCEDURE**

1. Make sure water supply is connected and turned on.
2. Make sure the unit is plugged in.
3. Release gun safety if locked. (Fig. 17) Shown on page 11.
4. Remove any dirt or foreign matter from the gun outlet and the male connector of the wand.
5. Insert the wand into the gun’s quick connect coupling by pushing firmly and twisting wand ¼ of a turn to lock into place. (Fig. 13) Shown on page 10.
6. To allow air to escape from the hose, squeeze trigger on the gun until there is a steady stream of water coming from the nozzle.

**NOTE:** Make sure wand is locked.

**WARNING:** If the wand is not securely locked into place, it could be ejected under high pressure when operating the gun.

7. Press power switch on the pressure washer to the “ON” position. (Fig. 18) As shown on page 14.
8. Squeeze the gun trigger to start the pressure washer.

**WARNING:** Make sure the wand is pointed in a safe direction when starting the pressure washer. Do not point at face or feet as serious injury could result.

**NOTE:** Make sure wand is locked. (see fig. 13) As shown on page 10.

5.2 VARIABLE SPRAY NOZZLE

The variable spray nozzle can adjust spray from fan to pencil point. The spray is adjusted by turning the nozzle. (Fig. 19-20) See page 14.
APPLICATION OF LIQUID VEHICLE WAX

1. Immediately after cleaning, apply liquid vehicle wax using the soap dispenser assembly.

2. Apply the wax sparingly in an even layer. Apply to wet surfaces from the bottom up for even distribution and to avoid streaking.

3. Remove the suction tube from the wax bottle and rinse off the surplus wax from your vehicle under low pressure. NOTE – IF SURPLUS WAX IS NOT REMOVED, A HAZY FINISH MAY RESULT.

4. Wipe dry to reduce water spotting.

5.5 END OF OPERATION

When you have completed use of the soap/wax application, remove bottle and flush clean water through the tube until it is thoroughly cleaned.

NOTE: Failure to clean properly will cause the injection system to become clogged and inoperable.

Press power switch to the "OFF" position to stop the machine. (Fig. 18)

Disconnect electrical plug

Turn off water and depressurize unit by squeezing trigger

5.3 USE OF CLEANING CHEMICALS

1. Remove wand. (Fig. 21) See page 14.

2. Remove bottle and check tube. (Fig. 22) See page 15.

3. Install soap dispenser assembly. (Fig. 23)

4. The soap or wax will automatically be mixed with the water and be discharged through the nozzle.

5.4 CLEANING TECHNIQUES

When cleaning with the pressure washer, many cleaning tasks can be solved with water alone, but for most tasks it is advantageous to use detergent. A detergent ensures a quick soaking of the dirt allowing the high pressure water to penetrate and remove the dirt more effectively.

APPLICATION OF SOAP DEGREASER

1. Apply the pressure washer soap solution to a DRY work surface. NOTE: WETTING THE SURFACE FIRST IS NOT RECOMMENDED, AS IT DILUTES THE DETERGENT AND REDUCES ITS CLEANING ABILITY. On a vertical surface, apply soap horizontally from side to side starting from the bottom to avoid streaking.

CAUTION: Avoid working on hot surfaces or in direct sunlight to minimize the chance of the soap damaging painted surfaces.

2. Allow the soap to remain on the surface for a short time before rinsing.

CAUTION: Damage may occur to painted surface if soap is allowed to dry on the surface. Wash and rinse a small section at a time.

3. Rinse with clean water under high pressure. On a vertical surface, first rinse from the bottom up, then rinse from the top down. Hold nozzle 6 to 8 inches from the work surface at a 45° angle.

5.6 HOSE REEL KIT

Insert the high pressure hose nut coupler (Fig. 24) into the slot in the drum.

Hold the hose firmly into the slot. At the same time, turn handle in the direction shown (Fig. 25). Allow hose to slide through hand applying slight resistance for proper coiling.

Stop winding hose 2 ft. (60 cm) from gun to provide enough slack to store gun in holder located on the docking station. See page 6, #28 for storage location.
6.0 MAINTENANCE

6.1 CONNECTIONS
Connections on pressure washer hoses, gun and spray wand should be cleaned regularly and lubricated with light oil or grease to prevent leakage and damage to the o-rings.

6.2 NOZZLE
The adjustable spray nozzle should be lubricated regularly. Clogging of the nozzle causes the pump pressure to be too high and cleaning is immediately required.
1. Separate the nozzle from the wand.
2. Clear the nozzle by forcing a stiff wire through center hole.
3. Backflush the nozzle with water.
4. Reconnect the nozzle to the wand.

6.3 LUBRICATION
The pressure washer is designed with a permanent lubrication system. Conventional oil check and oil changes are not necessary.

NOTE: IN CASE OF OIL LEAKAGE, CONTACT THE CUSTOMER SERVICE DEPARTMENT CONCERNING REPAIR. A SMALL AMOUNT OF OIL LEAKAGE IS NORMAL.

6.4 WATER SCREEN
The pressure washer is equipped with a water inlet screen to protect the pump.

CAUTION: If the screen is not kept clean, the flow of water to the pressure washer will be restricted and the pump may be damaged.

- To clean inner water screen, remove quick connect and remove the filter screen from the inlet.
- Backflush screen to clean
- Replace screen and quick connect immediately to prevent any foreign matter from entering the pump.

CAUTION: Do not damage the screen while removing or cleaning. Any foreign particles entering the pump may damage the pump.

6.5 COOLING SYSTEM
The air vents, located in and around the pressure washer, must be kept clean and free of any obstructions to ensure proper air cooling of the motor during operation.

WARNING: Prevent water from penetrating the vents of the pressure washer to minimize the risk of damage to the machine and to reduce the risk of shock to the operator.

7.0 SERVICING A DOUBLE-INSULATED APPLIANCE
In a double-insulated product, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated product, nor should a means for grounding be added to the pressure washer. Servicing a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to the parts they replace. A double-insulated product is marked with the words “DOUBLE-INSULATION” or “DOUBLE-INSULATED”. The symbol above may also be marked on the product.
## 8.0 TROUBLESHOOTING

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>POSSIBLE CAUSE</th>
<th>CORRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor will not start or stops while operating</td>
<td>Defective GFCI</td>
<td>Perform GFCI Reset procedure, See Operator’s Manual Section 4.3</td>
</tr>
<tr>
<td></td>
<td>Extension cord length or gauge incorrect</td>
<td>Use proper extension cord. See Operator’s Manual Section 4.3</td>
</tr>
<tr>
<td></td>
<td>Loose or disconnected plug</td>
<td>Reconnect plug</td>
</tr>
<tr>
<td></td>
<td>Tripped pressure washer thermal switch</td>
<td>Allow to cool and restart unit</td>
</tr>
<tr>
<td></td>
<td>Spray Gun Trigger not operating properly</td>
<td>Call Customer Service Department</td>
</tr>
<tr>
<td></td>
<td>Defective Gun</td>
<td>Remove gun, aim water stream away from electrical source, and press ON. If machine starts, replace gun assembly by calling Customer Service Department.</td>
</tr>
<tr>
<td>Circuit breaker trips or fuse blown in fuse box</td>
<td>Circuit Overload</td>
<td>Check that the circuit is rated 15 amps or greater.</td>
</tr>
<tr>
<td></td>
<td>Extension cord too long or wire size too small</td>
<td>Use proper extension cord as recommended in Operator’s Manual Section 4.3.</td>
</tr>
<tr>
<td></td>
<td>Nozzle partially blocked</td>
<td>Clean nozzle as instructed in Section 6.2</td>
</tr>
<tr>
<td></td>
<td>Excessive pressure</td>
<td>Clean nozzle as instructed in Section 6.2</td>
</tr>
<tr>
<td>Water or oil leaking from bottom of pump</td>
<td>A small amount of leakage is normal</td>
<td>If excessive leaking occurs, call Customer Service Department</td>
</tr>
<tr>
<td>Trigger will not move</td>
<td>Spray gun safety lock engaged</td>
<td>Release safety lock.</td>
</tr>
<tr>
<td>Unit will not stop when trigger is released</td>
<td>Spray gun trigger system not operating properly</td>
<td>Call Customer Service Department</td>
</tr>
<tr>
<td>Motor running but pump not building maximum pressure or has irregular pressure</td>
<td>Faucet closed</td>
<td>Open faucet</td>
</tr>
<tr>
<td></td>
<td>Water inlet screen clogged</td>
<td>Clean screen. See section 6.4</td>
</tr>
<tr>
<td></td>
<td>Gun and hose failure</td>
<td>Replace gun and hose.</td>
</tr>
<tr>
<td></td>
<td>Kink in garden hose</td>
<td>Straighten hose</td>
</tr>
<tr>
<td></td>
<td>Wand nozzle worn out</td>
<td>Replace spray wand</td>
</tr>
<tr>
<td></td>
<td>Air in pump</td>
<td>Let pressure washer run with gun open and wand removed until steady stream of water is released</td>
</tr>
<tr>
<td></td>
<td>Clogged nozzle</td>
<td>Clean nozzle. See manual Section 6.2</td>
</tr>
</tbody>
</table>
## 9.0 TECHNICAL DATA

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump pressure</td>
<td>1500 psi - 102.4 bar Man.</td>
</tr>
<tr>
<td>Electrical requirement</td>
<td>120v, 15 amps, 60 hz</td>
</tr>
<tr>
<td>Electrical cord</td>
<td>35 ft. - 10.7 m</td>
</tr>
<tr>
<td>High Pressure hose</td>
<td>19 ft. - 5.8 m</td>
</tr>
<tr>
<td>Flow rate</td>
<td>1.6 gpm - 6.15 l/m</td>
</tr>
<tr>
<td>Minimum amperage source</td>
<td>15 amp</td>
</tr>
<tr>
<td>Pressure of inlet water</td>
<td>1.36 bar to 6.82 bar</td>
</tr>
<tr>
<td>Inlet water</td>
<td>20 to 100 psi</td>
</tr>
<tr>
<td>Nozzle spray angle high pressure</td>
<td>0-60°</td>
</tr>
<tr>
<td>Soap Consumption Rate</td>
<td>10% Max</td>
</tr>
</tbody>
</table>

* Water flow and maximum pressure ratings determined in accordance with PWMA. Standard PW101.

### Limited Warranty

This product is warranted by us to the original retail consumer against defects in material and workmanship for a period of one year on the machine, 90 days on the gun+hose+lances as well as 90 days on the ground-fault circuit interrupter (GFCI); effective from the date of retail purchase and is not transferable. This warranty applies only to products used in consumer applications. This warranty does not apply to commercial or rental applications.

Please complete and return the enclosed Customer Information Card so that we can reach you in the unlikely event a safety recall is needed. Register by Internet at www.hdpowerwasher.com. Return of this card is not required to validate this warranty.

### WHAT IS COVERED: Replacement parts and labor.

### WHAT IS NOT COVERED: This warranty does not include such parts as nozzles which must be replaced as part of normal maintenance of the equipment, rather than as the result of a defect. Transportation charges to warranty center for defective products. Transportation charges to consumer for repaired products. Damages caused by abuse, accident, improper repair, or failure to perform normal maintenance. Use of improper chemicals or noncompliance with the operators manuals instructions. Sales outside of the United States or Canada. Any other expense including consequential damages, incidental damages, or incidental expenses, including damage to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty does not cover damage resulting from failure to observe any of the following conditions:

1) The inlet water pressure must be between 20 and 100 p.s.i.
2) The inlet water temperature must not exceed 90°F (32°C).
3) The unit should not be stored in areas where temperatures may drop below 32°F (0°C).
IMPLIED WARRANTIES: Any implied warranties, including the implied Warranties of Merchantability and fitness for a particular purpose, are limited in duration to one year on the machine, 90 days on the gun+hose+lances as well as 90 days on the ground-fault circuit interrupter (GFCI); effective from the date of retail purchase. Some states do not allow limitations on how long an implied warranty lasts, therefore, the above limitation may not apply to you.

HOW TO OBTAIN WARRANTY PERFORMANCE: Attach to the product your name, address, description of the problem, phone number and proof of date of retail purchase (Sales slip).

Call our Customer Service Department at 1-888-550-1606 for a return authorization.

To the extent any provision of this warranty is prohibited by federal, state or municipal law, and cannot be preempted. It shall not be applicable. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

Distributed by:
Home Depot U.S.A., Inc.
2455 PACES FERRY RD, N.W.
ATLANTA, GA 30339

Internet Address:
www.hdpowerwasher.com
Warranty Registration via Internet