



Electronic Service Manuals

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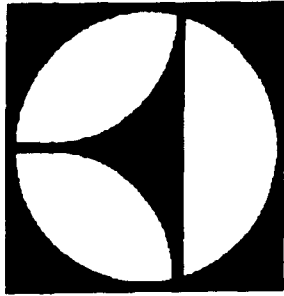
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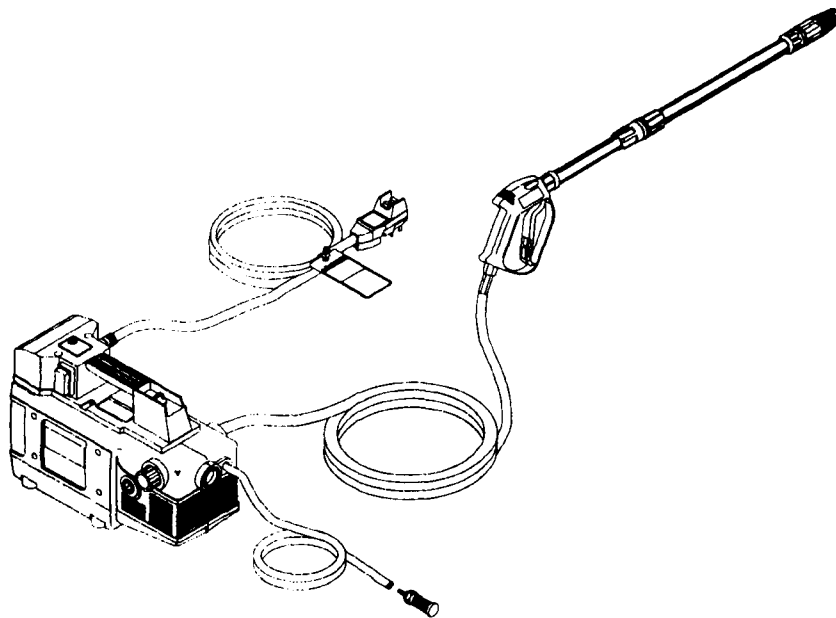
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KENT



MODEL:
SELECT SPRAY
1250E
PRESSURE
WASHER
120/1 Phase

THE KENT COMPANY
P.O. Box 1665
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TEL: (219) 293-8661
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OPERATING,
MAINTENANCE
INSTRUCTIONS
& ILLUSTRATED
PARTS LIST

JANUARY, 1997

This symbol on the nameplate means the product is Listed by Underwriters Laboratories Inc.



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INTRODUCTION

Congratulations on the purchase of your new KENT pressure washer! You can be assured your pressure washer was constructed and designed with quality and performance in mind. Each component has been rigorously tested to ensure the highest level of acceptance.

This operator's manual was compiled for your benefit. By reading and following the simple safety, installation, operation, maintenance and troubleshooting steps described in this manual, you will receive years of trouble free operation from your new KENT pressure washer. The contents of this manual are based on the latest product information available at the time of publication. KENT reserves the right to make changes in price, color, materials, equipment, specifications or models at any time without notice.

! IMPORTANT !

These paragraphs are surrounded by a "SAFETY ALERT BOX". This box is used to designate and emphasize Safety Warnings that must be followed when operating this pressure washer. Accompanying the Safety Warnings are "signal words" which designate the degree or level of hazard seriousness. The "signal words" used in this manual are as follows:

DANGER: Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.

WARNING: Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation which, if not avoided MAY result in minor or moderate injury.



The symbols set to the left of this paragraph is a "Safety Alert Symbols". These symbols are used to call attention to items or procedures that could be dangerous to you or other persons using this equipment.

ALWAYS PROVIDE A COPY OF THIS MANUAL TO ANYONE USING THIS EQUIPMENT. READ ALL INSTRUCTIONS BEFORE OPERATING THIS PRESSURE WASHER AND ESPECIALLY POINT OUT THE "SAFETY WARNINGS" TO PREVENT THE POSSIBILITY OF PERSONAL INJURY TO THE OPERATOR.

Once the unit has been uncrated, immediately write in the serial number of your unit in the space provided below.

SERIAL NUMBER _____

Inspect for signs of obvious or concealed freight damage. If damage does exist, file a claim with the transportation company immediately. Be sure that all damaged parts are replaced and that the mechanical problems are corrected prior to operation of the unit. If you require service, contact KENT Customer Service at our toll-free number for the Sales or Service Center nearest you:

800-334-1083

Please have the following information available for all service calls:

1. Model Number
2. Serial Number
3. Date and Place of Purchase

! IMPORTANT SAFETY WARNINGS !



ELECTRICAL PRECAUTIONS:

1. **GROUNDING INSTRUCTIONS:** This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

2. **DANGER:** Improper connection of the equipment-grounding conductor can result in a risk of electrocution. Check with a qualified electrician or service personnel if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the product - if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Do not use any type of adaptor with this product.

3. **GROUND FAULT INTERRUPTER PROTECTION:** This pressure washer is provided with a Ground Fault Circuit Interrupter (GFCI) built into the plug or the power supply cord. This device provides additional protection from the risk of electric shock. Should replacement of the cord become necessary, use only identical replacement parts that include GFCI protection.

4. EXTENSION CORDS:

WARNING

KENT DOES NOT RECOMMEND THE USE OF EXTENSION CORDS!

If use of an extension cord is unavoidable, it must be plugged into a GFCI found in circuit boxes or protected receptacles. When using an extension cord, observe the following:

Cable Length	Wire Gauge
Up to 50 feet	14 AWG
50 to 100 feet	12 AWG

Use only 3-wire extension cords that have 3-prong grounding-type plugs and 3-pole cord connectors that accept the plug from the product. 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 yank on any cord to disconnect. Keep cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.

WARNING

To reduce the risk of electrocution, keep all connections dry and off the ground. Do not allow electrical cords to lay in water or in such a position where water could come in contact with them. Do not touch plug with wet hands

5. **DO NOT** drop the GFCI as damage could result. If the GFCI is accidentally dropped, be certain to test the GFCI before using to ensure it is working properly. (Follow instructions on GFCI for test procedures.)

6. **DO NOT** pull on the electrical cord to disconnect from the outlet, OR carry the unit by the cord.

7. Check power cord for damage before using. There is a hazard of electrical shock from crushing, cutting or heat damage.

8. Always be certain the unit is receiving proper voltage. Before plugging the unit into a compatible power source, be certain the switch is in the "OFF" position. Disconnect when not in use.

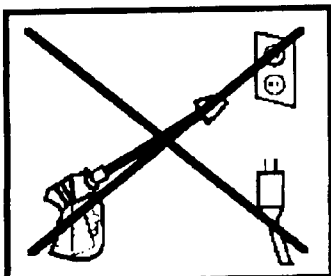
9. **DO NOT** use the unit in an area where flammable gas vapors may be present. An electric spark could cause an explosion or fire.

10. **DO NOT** direct water spray on or into electrical installations of any kind. This includes electrical outlets, light bulbs, fuse boxes, transformers, the unit itself, etc. Severe electrical shock may occur.

11. KENT does not recommend the owner attempt any electrical repairs to this unit.



EXPLOSION TIE/DI



PIC-OUTL-TIE/DI

! IMPORTANT SAFETY WARNINGS !

! SPRAY PRECAUTIONS:

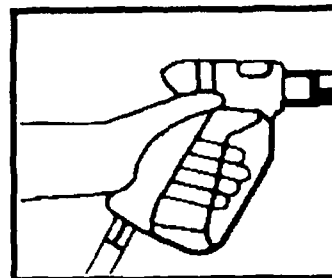
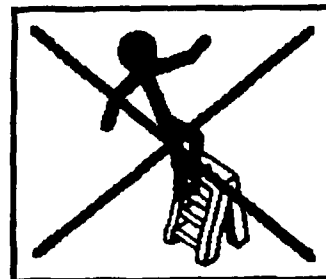
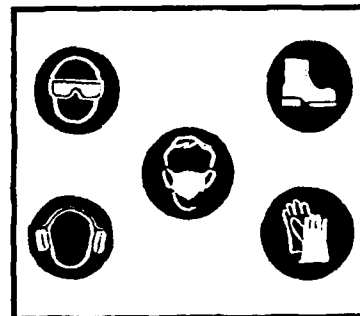
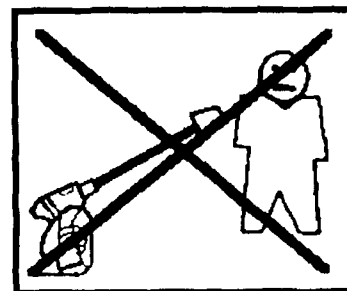
! WARNING !

RISK OF INJECTION OR SEVERE CUTTING INJURY

KEEP CLEAR OF NOZZLE

**DO NOT DIRECT DISCHARGE STREAM AT PERSONS OR PETS
WHEN USING THIS PRODUCT, BASIC PRECAUTIONS SHOULD
ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:**

1. Read all instructions before using the product.
2. **KEEP AWAY FROM THE SPRAY:**
 - Because of the high pressure and velocity of the spray, fluids can penetrate the skin, causing serious injury.
 - Never point the gun at yourself or anyone else. Never put your hand, fingers or body directly over the spray nozzle. Always keep operating area clear of all persons. Use **extreme** caution when operating near children.
 - If an accident does occur and the spray appears to have penetrated the skin, **SEEK EMERGENCY MEDICAL CARE. DO NOT TREAT AS A SIMPLE CUT.** If you are using cleaning agents, be prepared to tell a physician exactly what kind.
3. **ALWAYS** wear protective goggles when operating the unit to shield the eyes from flying debris and detergents. Other protective equipment such as rubber suits, gloves and respirators are advisable, especially when using cleaning detergents. Use **extreme** caution when operating near children.
4. Stay alert-watch what you are doing. Do not operate the unit when fatigued or under the influence of alcohol or drugs.
5. **NEVER** squeeze the trigger unless securely braced. The thrust from the water traveling through the nozzle may be powerful enough to cause the operator to lose balance if unprepared. **DO NOT** overreach or stand on unstable support. Wet surfaces can be slippery, wear protective foot gear and keep good footing and balance at all times. **NEVER** trigger the gun while on a ladder or roof.
6. Caution should be used when directing spray toward fragile materials such as glass. Shattering could result in serious injury.
7. **ALWAYS** hold on firmly to the gun/wand assembly when starting and operating the unit. Failure to do so can cause the wand to fall and whip dangerously. **NEVER** operate the gun with the trigger wired in the open position. To prevent accidental discharge, the trigger gun should be securely locked when not in use.
8. Even after you shut off the unit, there is high pressure water left in the pump, hose and gun until you release it by triggering the gun. Before removing the spray nozzle or servicing the unit, **ALWAYS** shut off the unit and trigger the gun to release trapped pressure.



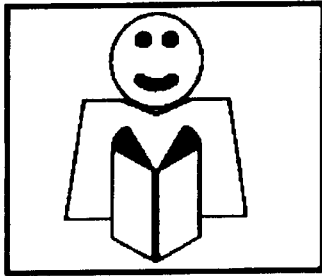
IMPORTANT SAFETY WARNINGS

DETERGENT CLEANING PRECAUTIONS:

1. **DO NOT** use solvents or highly corrosive detergents or acid type cleaners with this pressure washer. Use only mild detergents.
2. **KNOW YOUR DETERGENTS!** Be prepared to tell a physician exactly what you are using in the event of an emergency. Read the Material Safety Data Sheet (MSDS) provided with your detergent and all detergent labels. Follow all appropriate instructions regarding preparation use, safety and transportation. Keep ALL detergents out of the reach of children.
3. **DO NOT** use this pressure washer to dispense hazardous detergents.
4. **DO NOT** alter the detergent injection feature in any manner not prescribed in this manual. Use only genuine KENT replacement parts for necessary repairs.
5. Avoid working on hot surfaces or in direct sunlight to minimize the chances of the detergent drying, which may result in damaging painted surfaces. Be certain to rinse a small section at a time.

MISCELLANEOUS SAFETY PRECAUTIONS:

1. **NEVER ALLOW CHILDREN OR ADOLESCENTS TO OPERATE THIS UNIT!**
2. Read and follow all handling, operations, maintenance and safety instructions listed in this manual and provide such information to ANYONE who will be operating this unit.
3. This pressure washer is provided with a Ground Fault Circuit Interrupter (GFCI) built into the plug of the power supply cord. Should replacement of the cord become necessary, use only identical replacement parts that include GFCI protection.
4. When connecting the water inlet to the water supply mains, local regulations of your water company must be observed. In some areas the unit must not be connected directly to the public drinking water supply. This is to ensure that there is no feedback of the detergents into the water supply. (Direct connection is permitted if a back flow preventer is installed.)
5. Avoid dragging the hose over an abrasive surface such as cement. This causes wear and eventual rupturing.
6. High pressure hoses should be inspected daily for signs of wear. If evidence of failure exists, promptly replace all suspect hoses to prevent the possibility of injury from the high pressure spray. If a hose or fitting is leaking, NEVER place your hand directly on the leak.
7. **DO NOT** operate the unit if you see any pump oil or water leaks from the machine. **DO NOT** resume operation until the unit has been inspected and repaired by a qualified service person.
8. **DO NOT** operate the unit without all protective covers in place.
9. To reduce the risk of injury, maintain a safe distance from persons while operating this unit. Close supervision is necessary when operating the unit near children.
10. **DO NOT** leave pressurized unit unattended. Shut off the unit and release trapped pressure before leaving.
11. **DO NOT** move the unit by pulling on the hose.



IMPORTANT SAFETY WARNINGS

ADJUSTMENT PRECAUTIONS:

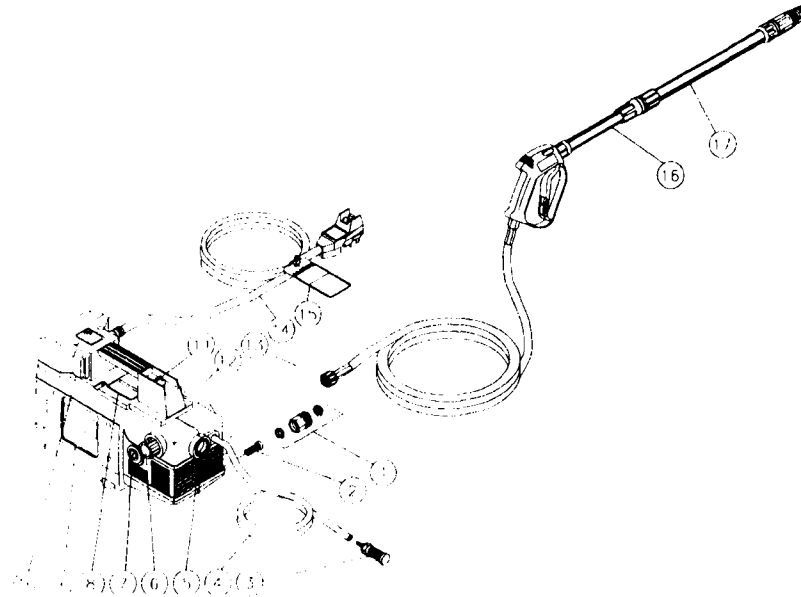
1. NEVER alter or modify the equipment, be sure any accessory items and system components being used will withstand the pressure developed. Use ONLY genuine KENT parts for repair of your pressure washer. Failure to do so can cause hazardous operating conditions and will void warranty.
2. NEVER make adjustments to the machinery while it is connected to the power source.
3. Know how to stop the pressure washer and bleed pressures quickly. Be thoroughly familiar with controls.
4. Before servicing the unit; turn the unit off, relieve the water pressure, and allow the unit to cool down. Service in a clean, dry, flat area.
5. Follow the maintenance instructions specified in this manual.

 **! SAVE THESE INSTRUCTIONS !** 

SELECT SPRAY 1250E FEATURES

NOTE: This drawing is referenced through-out the manual. Locations of specific items will be noted by listing the **REFERENCE #** in parenthesis.

Example: Adjustable Unloader Knob (6)



FEATURES LISTING

- | | |
|--|--|
| 1. Water Inlet | 10. On/Off Switch |
| 2. Water Inlet Strainer | 11. Oil Fill |
| 3. Detergent Strainer | 12. Decal-Warning: Risk of Electrocution |
| 4. Detergent Hose | 13. High Pressure Discharge Hose |
| 5. Pressure Indicator | 14. GFCI Power Cord |
| 6. Adjustable Unloader Knob | 15. Tag-Warning: Risk of Electrocution |
| 7. Oil Sight Glass | 16. Gun w/Screw Lance |
| 8. Decal-Warning: Risk of Inject/Explode | 17. Variable Nozzle Assembly |
| 9. Decal-Caution Statements | |

SPECIFICATIONS

Model Number	SELECT SPRAY 1250E
Operating Voltage/Phase / Hz	120/1/60
Amperage	12.5
Pressure	1250
Flow Rate (gpm/lpm)	1.75 / 6.6
Maximum Inlet Water Temperature F/C	70°F / 21°C
Power Cord Length	35 foot w/GFCI
Pressure Hose Length	23 feet
Nozzle Angle	0°-65° Adjustable
Lance Length (in/cm)	36" / 91
Motor Horsepower	1.5
Motor RPM	1725
Pump Style	Triplex Axial Piston
Pump Oil Type	SAE 30 Non-Detergent
Unit L x W x H (in/cm)	16 x 7 x 10.5 / 40 x 17.7 x 26.6
Unit Weight	44
Shipping Weight	53

**SAFETY DECALS & PLACEMENT
FOR SELECT SPRAY 1250E
DO NOT REMOVE SAFETY DECALS FROM UNIT
UNLESS REPLACING WITH MOST CURRENT DECALS!**

**Reference #9: Decal-Caution Statements
(Part #M34-0607)**

⚠ CAUTION

1. To reduce the risk of injury, read operator's manual carefully before using.
2. Spray gun can kick back. Hold with both hands.
3. Risk of eye injury. Always wear eye protection.
4. See the operator's manual for proper chemical usage.

IMPORTANT:

- For indoor and outdoor use.
- Store indoors.
- Avoid pump damage. Protect from freezing. Do not run for more than 3 minutes with spray gun not triggered.
- If connected to a circuit protected by fuses, use time-delay fuses only.

**CONNECT TO AN
INDIVIDUAL
BRANCH CIRCUIT ONLY.**

**Reference #12: Decal-Warning: Risk of Electrocution
(Part #M34-0606)**



RISK OF ELECTROCUTION. DO NOT REMOVE THIS TAG.

1. CONNECT ONLY TO A PROPERLY GROUNDING OUTLET. DO NOT REMOVE GROUND PIN.
2. INSPECT CORD BEFORE USING. DO NOT USE IF CORD IS DAMAGED.
3. KEEP ALL CONNECTIONS DRY AND OFF THE GROUND.
4. DO NOT TOUCH PLUG WITH WET HANDS.
5. THIS PRODUCT IS PROVIDED WITH A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BUILT INTO THE POWER CORD PLUG. IF REPLACEMENT OF PLUG OR CORD IS NEEDED, USE ONLY IDENTICAL REPLACEMENT PARTS.
6. DO NOT USE AN EXTENSION CORD WITH THIS MACHINE.
7. READ THE OPERATOR'S MANUAL BEFORE USING.

**FAILURE TO FOLLOW THE ABOVE INSTRUCTIONS
COULD RESULT IN A SEVERE ELECTRICAL SHOCK.**

**Reference #15: Tag-Risk of Electrocution
(Part #M34-0605)**



**RISK OF ELECTROCUTION.
DO NOT REMOVE THIS TAG.**

1. CONNECT ONLY TO A PROPERLY GROUNDING OUTLET. DO NOT REMOVE GROUND PIN.
2. INSPECT CORD BEFORE USING. DO NOT USE IF CORD IS DAMAGED.
3. KEEP ALL CONNECTIONS DRY AND OFF THE GROUND.
4. DO NOT TOUCH PLUG WITH WET HANDS.
5. THIS PRODUCT IS PROVIDED WITH A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BUILT INTO THE POWER CORD PLUG. IF REPLACEMENT OF PLUG OR CORD IS NEEDED, USE ONLY IDENTICAL REPLACEMENT PARTS.
6. DO NOT USE AN EXTENSION CORD WITH THIS MACHINE.
7. READ THE OPERATOR'S MANUAL BEFORE USING.

**FAILURE TO FOLLOW THE ABOVE
INSTRUCTIONS COULD RESULT
IN A SEVERE ELECTRICAL SHOCK.**

**Reference #8: Decal-Risk of Injection/Explosion
(Part #M34-0616)**

Do not spray directly at people or animals. Do not spray into eyes, nose, mouth, or ears. Do not spray on skin or clothing.





**Risk of explosion.
Do not spray.
Flammable
liquids.**



INSTALLATION & PREPARATION

ATTIRE:

1. Proper attire is essential to your safety. It is advised to utilize whatever means necessary to protect eyes, ears, and skin. Additional safety attire (such as respiratory mask) may be required when using detergent cleaning agents with this washer.

SET-UP:

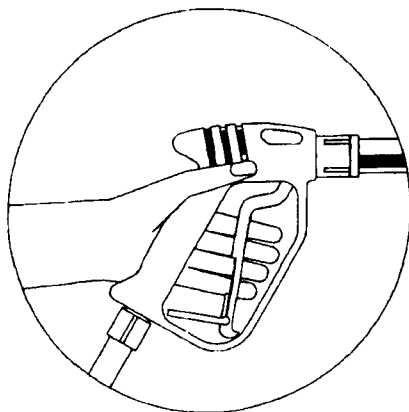
1. This unit should only be placed on a level surface to ensure proper lubrication for the water pump while operating. Do not allow the unit to be exposed to rain, snow or freezing temperatures. NEVER spray water directly on the unit!
2. Before initial use, replace the oil travel plug with the vented plug provided with the unit. Make sure that the oil level is in the center of the oil sight glass. Pump oil level should be checked before each use. If low, fill with SAE 30 non-detergent oil. DO NOT OVERFILL!



WARNING

RISK OF SEVERE INJURY!

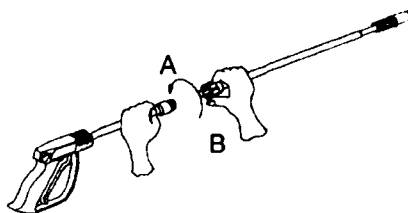
THE TRIGGER GUN SHOULD ALWAYS BE LOCKED IN THE OFF POSITION WHEN NOT IN USE!



TRIGGERGUN:

1. Be certain the trigger gun is locked in the "OFF" position. See *WARNING*, left.
2. The nozzle assembly should be disconnected from the gun assembly at this time by unscrewing the nozzle/lance assembly from the gun/lance assembly.

DIRECTION "A"=CONNECTION / "B"=DIS-CONNECTION



INSTALLATION & PREPARATION

ADJUSTABLE NOZZLE ASSEMBLY

The Adjustable Spray Pattern Nozzle (with lance) has two functions: (NOTE: Nozzle assembly should NOT be connected to the gun assembly at this time.)

- 1 Selections of high and low pressure can be achieved by pulling the nozzle cover at the end of the wand "TOWARD" yourself for the High Pressure setting, and pushing the nozzle cover "AWAY" from yourself for Low Pressure and detergent application.
- 2 The spray pattern can be adjusted from 0° to 65° by rotating the nozzle cover at the end of the wand in a clockwise and counter-clockwise direction.

WATER SUPPLY:

- 1 Select a water supply hose which is a quality grade of garden hose measuring at least 3/4" ID and no longer than 50 feet.
- 2 Check the water inlet strainer (2) to ensure it is clean and free of any obstructions. Periodic cleaning of the water strainer will help prevent pump problems. As a strainer becomes obstructed, it restricts proper flow of water to the pump. This can result in cavitations which will cause premature failure of pump packings. Using a screw driver, remove the screen; clean or replace. Using a screwdriver, remove the strainer from the unit. Clean, or replace with KENT #M19-0001 if necessary.
3. Connect one end of the water supply hose to the water inlet (1) of the unit. Connect the other end of the hose to your pressurized water supply. **NOTE:** Do not use a non-pressurized water supply (i.e. well or pond water) with this unit.
- 4 Screw-connect the high pressure discharge hose (13) to the water outlet of the unit
5. Be certain all connections are securely tightened.
 - a Water supply hose to the Water Inlet on the unit.
 - b. Water supply hose to Pressurized Water Supply.
 - c High Pressure Discharge Hose to Water Outlet on the unit.
6. Follow the incoming water requirements listed below:
 - a. Water pressure must be a minimum of 20 pounds per square inch (PSI) and a maximum of 125 PSI. (A typical outdoor faucet will generally supply this PSI if turned completely "ON".)
 - b. Incoming GPM must be approximately one gallon more than the outgoing GPM stated on the pressure washer nameplate. (You can check GPM by timing how long it takes to fill a 5 gallon container)
 - c Incoming water temperature must not exceed 70°F/21°C. Excessive pump damage may result if the water temperature exceeds this acceptable level.



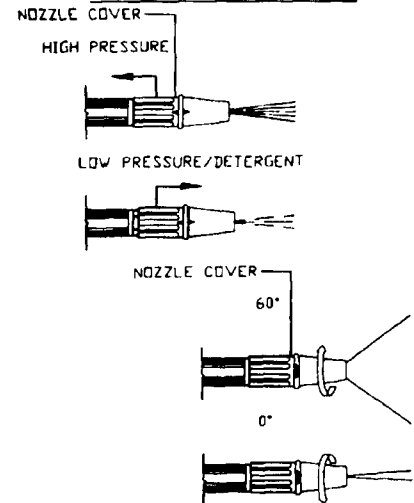
WARNING

RISK OF INJECTION CAUSING SEVERE INJURY!

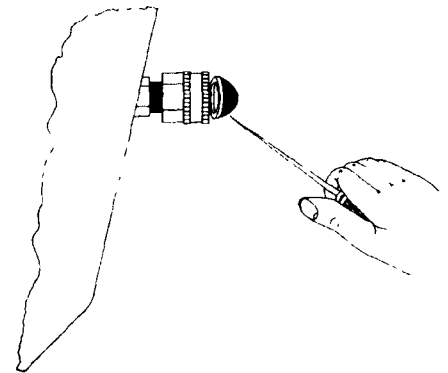
NEVER LOOK DIRECTLY AT THE NOZZLE ORIFICE UNLESS IT IS DISCONNECTED FROM THE GUN/WAND ASSEMBLY!

WHEN USING THE ADJUSTABLE NOZZLE, NEVER ADJUST THE SPRAY PATTERN WHILE THE TRIGGER GUN IS OPEN!

ADJUSTABLE NOZZLE



CHECK WATER INLET STRAINER



INSTALLATION & PREPARATION



CAUTION

RISK OF UNIT DAMAGE!

DO NOT OVERTIGHTEN THE UNLOADER. BREAKAGE WILL RESULT IN IMMEDIATE LOSS OF WATER PRESSURE AND COSTLY REPAIRS.

UNLOADER:

1. The unloader valve on your machine is equipped with an adjustment knob (6) to adjust the pressure. Should less pressure be required, simply turn the adjustment knob counter-clockwise. To set back to maximum, turn adjustment knob completely clockwise. **DO NOT OVERTIGHTEN!**

FIGURE A

POWER CORD CONNECTION:

1. Make certain the motor switch is in the "OFF" position.
2. Ensure electrical supply is 120Volt / 15 Amp / 60 Hertz / Singlephase. (See drawing, left.)
3. Each time the GFCI is plugged into an outlet, test the GFCI according to instructions on the GFCI. **DONOT** use the unit if the test fails!
4. Ensure the area between the pressure washer cord and outlet is kept dry.
5. Insert the male plug into a grounded AC outlet. **DO NOT use an adapter. DO NOT remove the grounding plug!!**

OMGEN225-031296-DCE

PRE-START INSPECTION PROCEDURES:

1. Before starting the unit, perform the following procedures:
 - a. Check the oil level in the pump.
 - b. Inspect the inlet water strainer. Clean or replace if necessary.
See "Water Supply", #2, pg. 11.
 - c. Check all hose connections to ensure they are securely tightened.
See "Water Supply", #5, pg. 11.
 - d. Inspect for system water leaks and oil leaks.
Be sure that all damaged parts are replaced and that the mechanical problems are corrected prior to operation of the unit.
If you need service, contact a KENT Authorized Service Center.
 - e. Inspect high pressure hose and for kinking, cuts or leaks.
If a cut or leak is found, **DO NOT USE HOSE OR CORD!**
Replace hose before starting unit.
See "Miscellaneous Safety Precautions" #6, pg. 6.
Be sure that all damaged parts are replaced and that the mechanical problems are corrected prior to operation of the unit.
If you need service, contact a KENT Authorized Service Center.
 - f. Inspect electrical cord for kinking or cuts. If a cut is found, **DO NOT** use electrical cord! Replace cord before starting the unit.

WARNING

**THE FOLLOWING PAGES CONTAIN
OPERATING AND MAINTENANCE
INSTRUCTIONS**

**DO NOT ATTEMPT TO OPERATE THIS
PRESSURE WASHER
UNTIL YOU HAVE READ AND UNDERSTOOD
ALL SAFETY PRECAUTIONS AND
INSTRUCTIONS LISTED IN THIS MANUAL.**

**INCORRECT OPERATION OF THIS UNIT CAN
CAUSE SERIOUS INJURY!!**

**DO NOT ALTER OR MODIFY THIS
EQUIPMENT IN ANY MANNER!**

OPERATING INSTRUCTIONS

PRIMING THE PUMP:

1. It is essential to prime the pump on initial start-up and each time the water supply is disconnected from the unit after initial use.
2. Lay the high pressure hose out to release any kinks. Water flow will constrict the hose, creating tight loops if the hose is not straight.
3. Securely connect the gun assembly to the high pressure hose. (NOTE: The nozzle assembly should NOT be connected to the gun assembly at this time. See "Trigger Gun", pg. 10)
4. With the trigger gun locked in the "OFF" position, turn the water supply completely on. Pointing the gun in a safe direction, unlock the trigger gun and squeeze the trigger.
5. Low pressure water will begin flowing from the hose/gun assembly. This allows the unit to prime and purge any air from the system. The unit is primed when water flow is uninterrupted by air.
6. Once the unit is primed, release the trigger and lock the gun in the "OFF" position. Securely connect the nozzle assembly. (See "Trigger Gun", pg. 10)

START-UP:

1. Refer to the "Safety Precautions" pgs. 4-7 before starting the unit.
2. Find the Safety Decals on your unit and heed the warnings. (8, 9, 12 & 15)
3. With the gun locked in the "OFF" position, point the trigger gun away from yourself or anyone else. Ensure water supply is turned completely on.
4. Disengage the safety lock-off on the gun and squeeze the trigger. Low pressure water will begin flowing from the nozzle. Before starting the unit, brace yourself as the gun will kick-back from the high pressure created by the pump once the unit has started.
5. Move the On/Off Switch to the "ON" position. This switch includes a circuit breaker for protection of the motor. In case of excess load, the circuit breaker will automatically move the switch to the "OFF" position. To restart, move the On/Off Switch to the "ON" position again.
6. Once the unit is turned on, perform the following procedures:
 - a. Inspect for system water leaks and oil leaks.
If a leak is found, **TURN UNIT OFF IMMEDIATELY!**
Be sure that all damaged parts are replaced and that the mechanical problems are corrected prior to operation of the unit.
If you require service, contact KENT Customer Service.
 - b. Inspect high pressure hose and electrical cord for kinking, cuts or leaks.
If a cut or leak is found, **DO NOT TOUCH HOSE OR CORD AT CUT OR LEAK!!! TURN UNIT OFF IMMEDIATELY!** Replace hose or cord before re-starting the unit. See "Miscellaneous Safety Precautions #6, pg. 6. Be sure that all damaged parts are replaced and that the mechanical problems are corrected prior to operation of the unit. If you require service, contact KENT Customer Service.
7. Trigger the gun several times and try adjusting the spray pattern. **Be certain** to **LOCK** the trigger gun in the "OFF" position whenever moving the adjustable nozzle. **NEVER** look directly into the nozzle! High pressure water creates a risk of severe injury!
8. Do not allow unit to operate in bypass mode (with trigger closed) for more than three minutes without triggering the gun. Failure to follow this simple rule can cause premature failure of pump packing seals, resulting in costly pump repair.
9. Because your pressure washer delivers a high pressure spray and a variety of spray patterns, there are many cleaning jobs that can be done without the use of detergents. If a cleaning agent is required, see "Cleaning With Detergents" pg. 15 for the correct procedures.



WARNING

RISK OF INJECTION CAUSING SEVERE INJURY!

KEEP CLEAR OF NOZZLE! NEVER PLACE HAND OR FINGERS IN FRONT OF NOZZLE!

DO NOT DIRECT DISCHARGE STREAM AT PEOPLE OR PETS!

BE CERTAIN THE ADJUSTABLE NOZZLE ASSY. IS SECURELY CONNECTED TO THE WAND TO PREVENT AN ACCIDENTAL DISCHARGE!



CAUTION

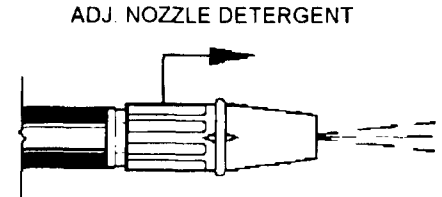
RISK OF DAMAGE.

DO NOT ALLOW SPRAY PATTERN TO REMAIN ON A FIXED AREA FOR AN EXTENDED PERIOD OF TIME. POSSIBLE DAMAGE MAY OCCUR TO THE AREA.

OPERATING INSTRUCTIONS

CLEANING WITH DETERGENTS:

1. Refer to "Detergent Cleaning Precautions" pg. 6 before working with detergents. Be certain to wear protective safety attire as stated on pg. 10.
2. Prepare detergent solution according to label directions.
3. Connect the detergent hose (4) to the unit as shown on page 8.
4. Immerse the strainer into the detergent solution to allow detergent to siphon.
5. Be certain the water supply is completely turned "ON".
6. With the trigger gun locked in the "OFF" position, push the nozzle cover at the end of the wand away from the trigger gun for low pressure.
7. To apply solution, unlock the trigger gun and squeeze the trigger. In a few moments a detergent/water mixture will exit the low pressure nozzle. Start spraying the lower portion of the surface being cleaned and move up, using long overlapping strokes. Applying from the bottom up helps avoid streaking. Allow to soak briefly. DO NOT allow detergent solution to dry on the surface.
8. To rinse; lock the trigger gun in the "OFF" position, pull the nozzle cover at the end of the wand toward the gun. Unlock the trigger gun and spray. It will take about 30 seconds to purge all detergent from the line. For best rinsing results, start at the top and work down.
9. Siphon a gallon of water through the low pressure detergent injection system after each use. This prevents the possibility of corrosion or detergent residue causing mechanical problems during the next use.

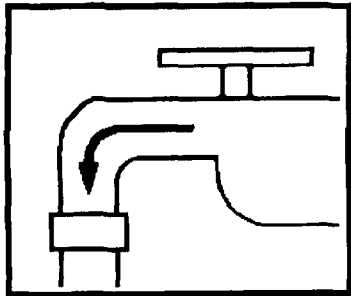


SHUT-DOWN:

1. Move the On/Off switch to the "OFF" position to turn unit off.
2. Turn the water supply "OFF".
3. Pointing the gun in a safe direction, trigger gun momentarily to relieve any trapped pressure. Once pressure is relieved, disconnect the nozzle assembly.
4. Disconnect the unit from the power source.
5. Drain gun, wand and hoses. Once drained, disconnect hoses.
6. Wipe unit clean and store with gun, wand and hoses in a safe area.

STORAGE & MAINTENANCE

GENERAL MAINTENANCE:



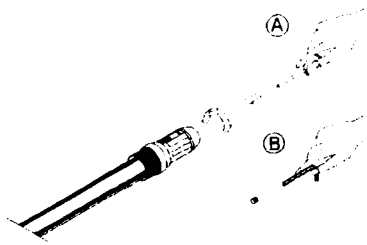
1. ALWAYS be certain the unit is receiving proper voltage. DO NOT allow electrical cords or connections to lay in water or in such a position where water could come in contact with them.
2. There is a water screen at the water intake on the unit. It should be inspected, removed and cleaned before each use.
3. Never allow the unit to operate without incoming water line attached and the water supply turned all the way on. Incoming water pressure should NOT exceed 125 PSI and incoming water temperature should not exceed 70°F/21°C.
4. Do not allow unit to operate in bypass mode (with trigger closed) for more than three minutes without triggering the gun. Failure to follow this simple rule can cause premature failure of pump packing seals, resulting in costly pump repair.
5. Never spray water directly on the unit or store the unit outdoors where it can be exposed to rain or other adverse weather conditions.
6. Do not store the unit in a freezing environment. This can cause "lock-up" conditions in the water pump. Never pour hot water on a frozen pump; let pump thaw in a warm place. If storage in freezing conditions is necessary, follow the winterizing procedures outlined on page 17.
7. Never pump acids, alkaline, abrasive fluids or solvents through the unit.
8. Do not make repairs while the unit is running.
9. Be cautious when using the straight narrow stream. It is not recommended for use on painted or wood surfaces, OR items attached with adhesive backings.
10. Always follow the "SHUT-DOWN" procedures outlined in this manual.



WARNING

RISK OF SEVERE INJURY!

TO PREVENT ACCIDENTAL DISCHARGE, THE ADJUSTABLE NOZZLE/LANCE ASSEMBLY MUST BE DISCONNECTED FROM THE GUN ASSEMBLY WHEN USING THE NOZZLE CLEANER.



NOZZLE MAINTENANCE

Nozzle orifices should be kept clean and free of obstructions. If the nozzle becomes clogged, the pump pressure will increase causing risk of pump damage. Therefore, should the nozzle become clogged, the nozzle orifice must be cleaned immediately. Follow the procedure listed below to clean nozzle orifice: (See WARNING, left.)

1. Disconnect the wand from the gun.
2. Insert the nozzle cleaner (supplied with unit) into the nozzle and rotate.
3. Flush the nozzle with water.
4. Reconnect the wand and gun assembly.
5. Turn the unit "ON". Point the gun in a safe direction and trigger the gun to begin spraying. Adjust spray pattern to 0°. If spray pattern is still distorted, repeat steps 1-4. If you are unable to thoroughly clean the nozzle using this procedure, then the nozzle must be replaced.

To Remove or Replace Adjustable Nozzle:

1. Insert a 2.0mm allen wrench into the nozzle.
2. Rotate the wrench counter-clockwise to remove the nozzle.
3. Inspect the nozzle and clean or replace before re-inserting.

STORAGE & MAINTENANCE

WINTERIZING:

1. For storage and transportation purposes in subfreezing ambient temperatures, it will be necessary to winterize this unit. This unit must be protected to the lowest incurred temperature for the following reasons:

- If any part of the pumping system becomes frozen; excessive pressure may build up in the unit which could cause the unit to burst resulting in possible serious injury to the operator or bystanders.
- The pumping system in this unit may be permanently damaged if frozen. FREEZE DAMAGE IS NOT COVERED BY WARRANTY.

If you must store your unit in an area where the temperature may fall below 32°F, you can protect your unit by following the procedure outlined below.

- Gather the following items:
 - Two 5 gallon containers.
 - One gallon of antifreeze. (KENT recommends an environmentally safe antifreeze.)
 - Water supply.
 - Three foot hose, 1/2-3/4 I.D. with a 3/4 inch male garden hose fitting.
- Procedure:
 - To start winterizing, unit must be run and primed according to the "Start-up Procedures" listed on page 20.
 - After running and priming, shut off the unit and water supply.
 - Relieve system pressure by pointing the trigger gun in a safe direction and squeezing the trigger until water flow ceases to exit the nozzle.
 - Lock the trigger gun in an OFF position and remove the nozzle.
 - Remove the water supply hose from the unit and attach the 3 foot hose securely to the inlet connection.
 - Fill one 5 gallon bucket with water.
 - Holding the 3 foot hose in an upright position, completely fill the hose with water. Then plug the hose outlet with your thumb or finger. Place the plugged end into the 5 gallon bucket of water.
 - Start the unit. Trigger the gun several times until all the air is worked out of the system (unit is primed).

NOTE: Proper winterizing is based on the recommended manufacturer's instructions listed on the "Protection Chart" shown on the back label of most antifreeze containers.

- With the trigger gun held open, siphon enough water out of the 5 gallon bucket until there is just enough water left to mix with the antifreeze.
 - Point the wand into the empty container.
 - Trigger the gun until the antifreeze begins to exit the wand. Release the trigger for 3 seconds, then trigger the gun for 3 seconds. Continue cycling the gun several times until all the antifreeze mixture is siphoned from the container.
 - Detach the 3 foot hose from the unit and drain any excess antifreeze back into the 5 gallon container.
 - Disconnect the hose/gun/wand assembly from the unit and drain any excess antifreeze back into the 5 gallon container.
 - Store the hose, gun and wand with the unit in a safe area.
 - Store antifreeze solution for next use or dispose of according to state EPA laws.
- Optional Procedure:
 - Shut the unit and water supply off.
 - Relieve system pressure by pointing the trigger gun in a safe direction and squeezing the trigger until water flow ceases to exit the nozzle.
 - Disconnect and drain the hose, gun and wand.
 - Start the unit and allow it to run until all the water exits the unit. Once the water has stopped flowing from the unit, turn off.

NOTE: When using this procedure, caution should be used as ice chips can form from drops of water which could cause the unit to burst if starting before completely thawed.

STARTING UNIT AFTER EXTENDED STORAGE:

CAUTION

Prior to restarting the unit, thaw out any possible ice from the wand, gun and hose.

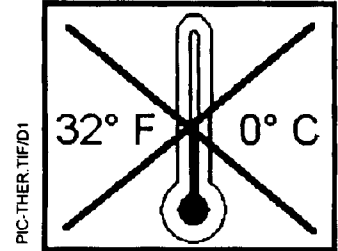
- BE CERTAIN the unit is NOT plugged into the power source.
- Prior to restarting the unit, thaw out any possible ice from the wand, gun, hose and unit.
- Insert a 4mm allen wrench into the motor shaft and rotate to verify the motor turns freely.
- After following all "PREPARATION" instructions, start the unit momentarily and immediately turn "OFF" to ensure all parts are lubricated before operation.



WARNING

RISK OF UNIT BURSTING!

**DO NOT STORE/OPERATE UNIT
IN A FREEZING ENVIRONMENT!**

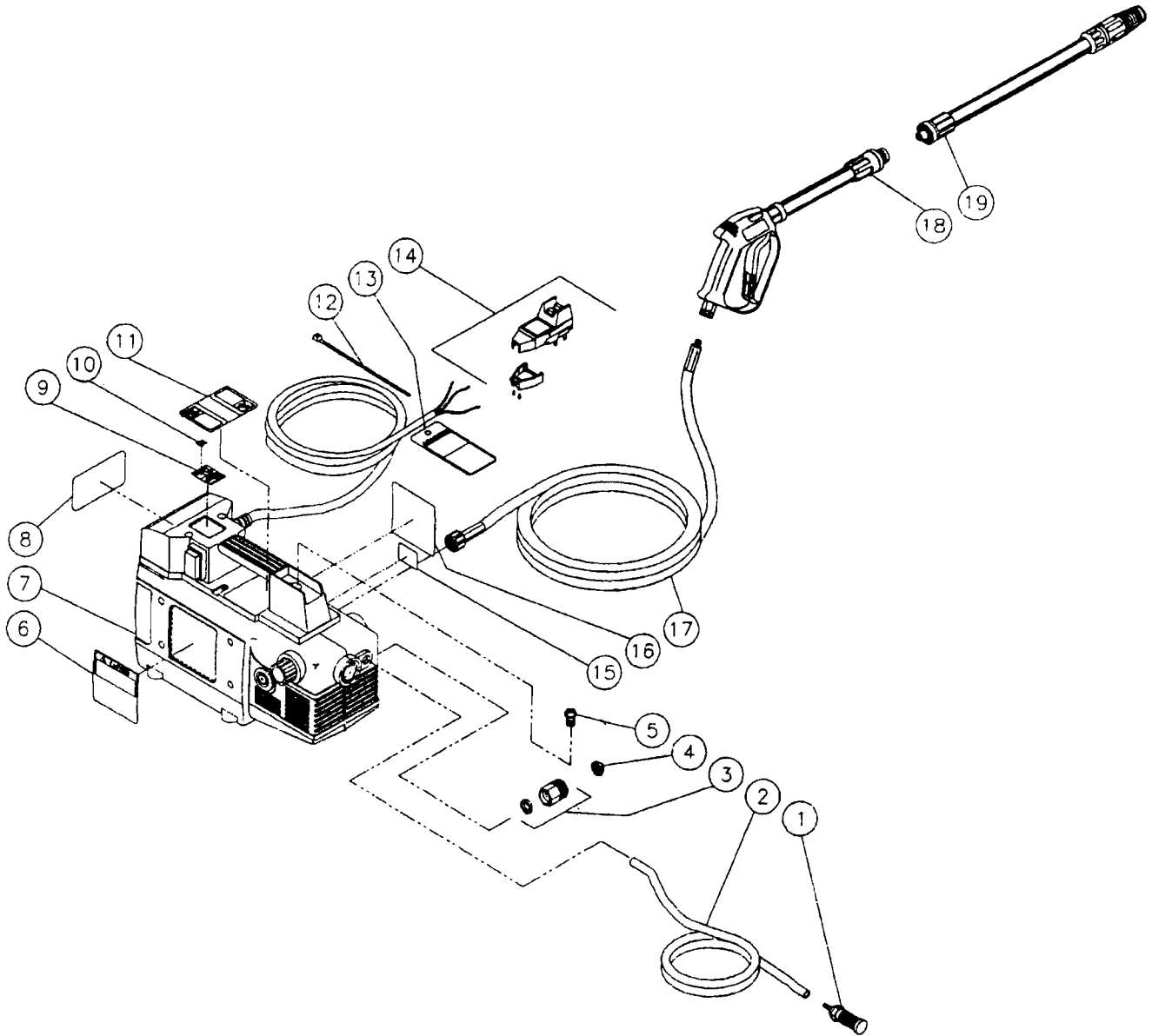


TROUBLESHOOTING

SYMPTOM	PROBABLE CAUSE	REMEDY
Pump motor will not start, or stops while operating	GFCI tripped or was not reset.	Turn unit "OFF". Press GFCI reset button after it has been plugged into the electrical source.
	Tripped circuit breaker or fuse blown in circuit fuse box.	Disconnect all other plugs on the circuit being used and reset circuit breaker or check and replace fuse.
	Loose or disconnected plug.	Reconnect plug.
	Tripped circuit breaker in unit.	Allow to cool and restart unit.
	Pump pistons stuck.	See "Extended Storage" pg. 17.
Circuit breaker trips or fuse blows in fuse box.	Circuit overload.	Check that the circuit is rated at 15 amps or greater. Disconnect all plugs on the circuit.
	Extension cord is too long or wire is too small.	Use correct electrical requirements as listed on pg. 4.
	Too much pressure.	Reduce pressure by using pressure adjustment knob.
GFCI trips.	Incorrect voltage.	Ensure electrical supply is 120 Volt/15 Amp/60 Hertz/Single-Phase
Motor runs but there is no discharge at nozzle when trigger mechanism is squeezed.	Internal short.	Contact KENT Service Center.
	Inadequate water supply.	Ensure hose is 3/4" diameter and incoming water supply is turned on.
Low or fluctuating pressure.	Kink in water inlet hose or in high pressure discharge hose.	Remove kink.
	Water inlet screen obstructed.	Remove screen, clean or replace.
	Pump sucking air. (Prime eliminated)	Tighten all water intake connections Eliminate leaks in intake line.
	Not in high pressure mode.	Pull nozzle cover toward the gun to engage in high pressure mode.
	Obstructed or worn orifice.	Remove and clean or replace.
	Bypass valve not operating correctly.	Contact KENT Service Center.
	DONOT USE!!!!	Contact KENT Service Center.
Water or Oil leaking from unit.	Gun is malfunctioning.	DONOT USE!!! Contact KENT Service Center.
Water flows from the nozzle when the trigger gun is in the "OFF" position.	Detergent strainer is not completely submerged in detergent solution	Check; submerge if necessary.
Detergent will not siphon into Low Pressure Detergent mode.	Detergent hose is obstructed or cut.	Inspect, clean or replace.
	Not in Low Pressure mode.	Push nozzle cover away from gun.
	Nozzle assembly is plugged.	Clean or replace.
	Too many high pressure hose extensions attached to the water outlet.	Use one extension maximum.
	Ball & Spring in Venturi stuck.	Run warm water thru injection line.
Water flows back into detergent container.	Ball & Spring in Venturi reversed, missing or corroded.	Remove, clean or replace.

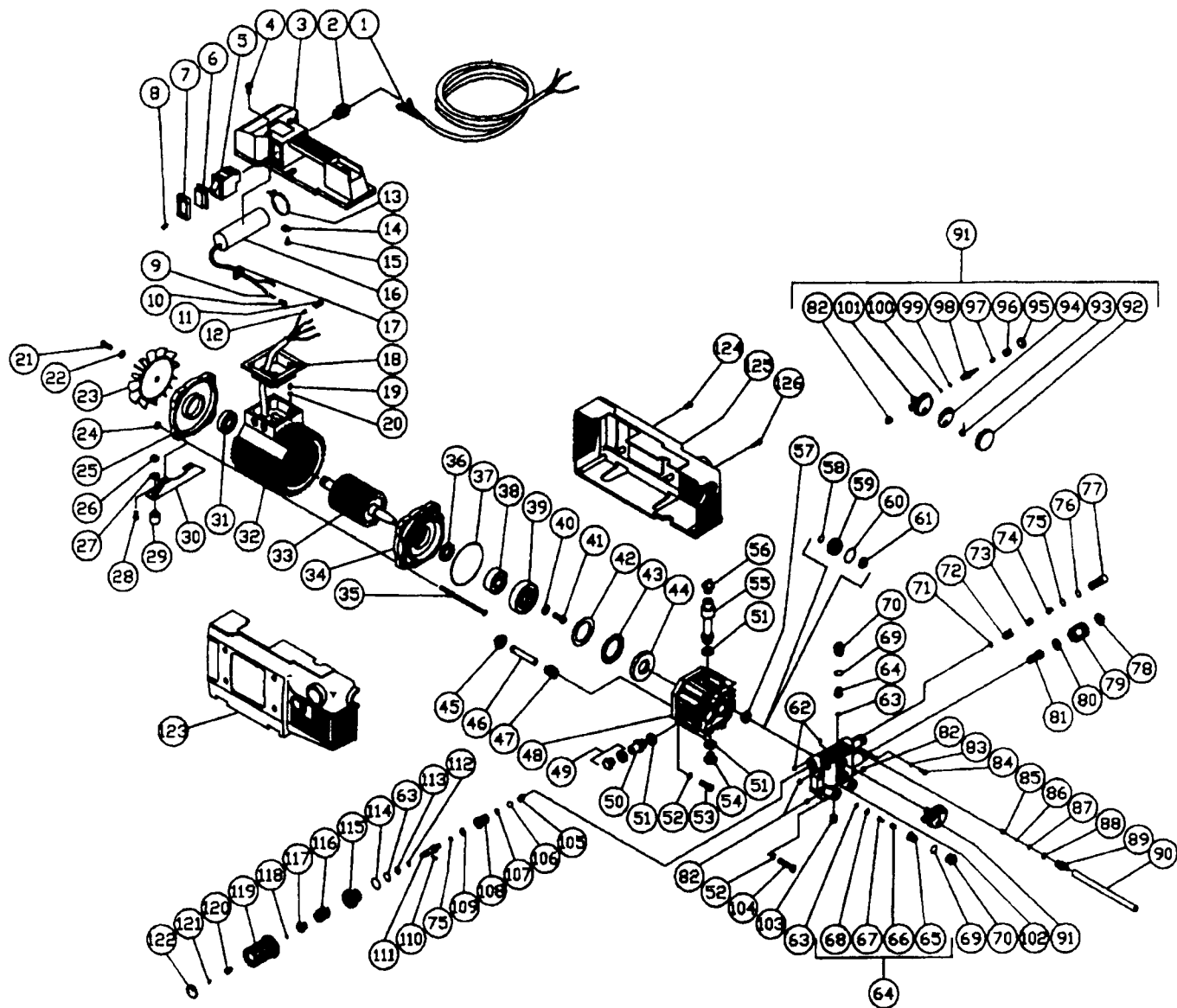
NOTES

ASSEMBLY FOR 1250E



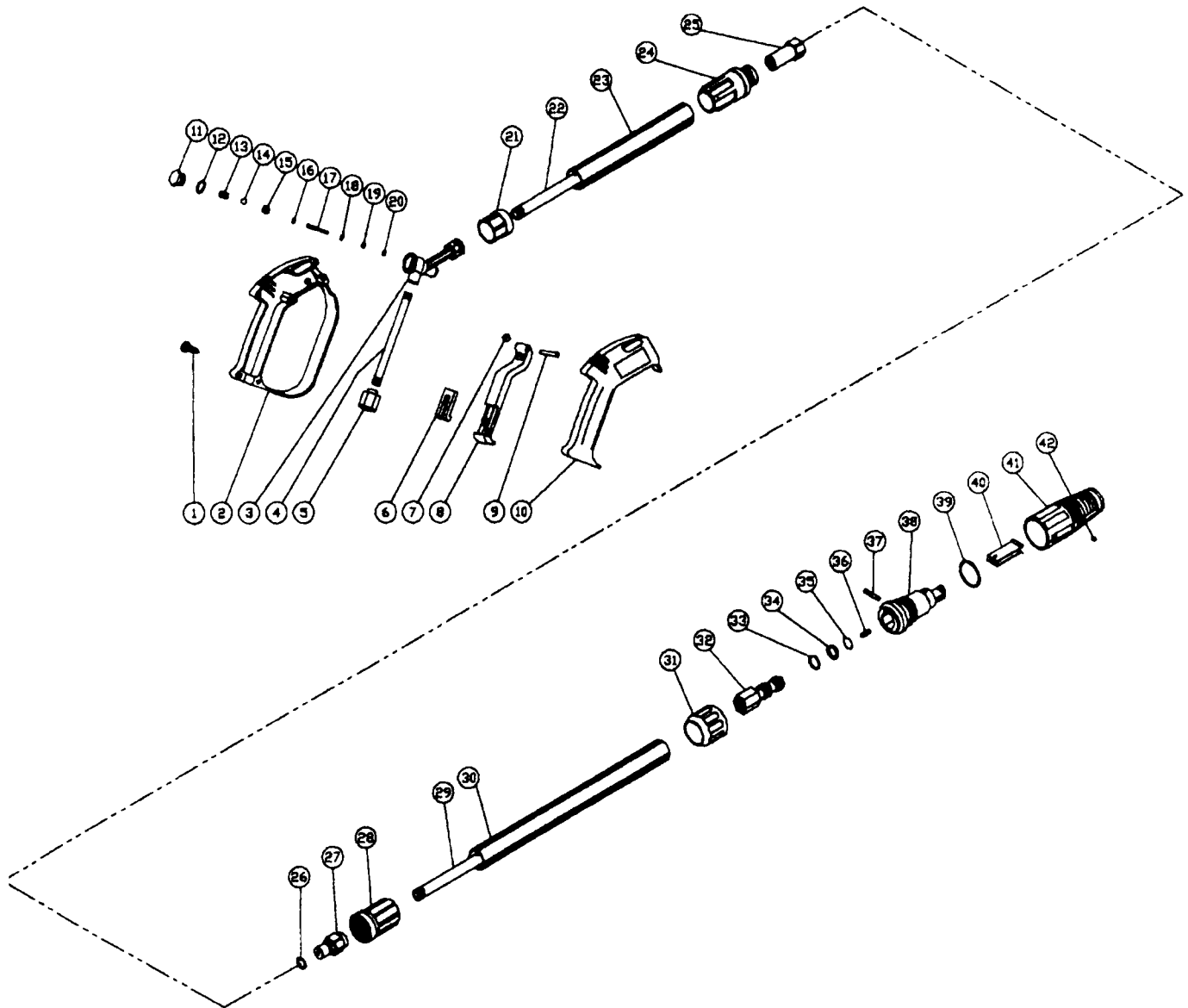
ASSEMBLY FOR 1250E			
REF. #	DESCRIPTION	PART #	QTY.
1	Detergent Strainer	M19-0050	1
2	Detergent Hose	M15-0121	1
3	Water Inlet	M23-0162	1
4	Filter for Water Inlet	M19-0001	1
5	Oil Cap (w/pump)	M39-0066	1
6	Decal-Caution Statements	M34-0607	1
7	Motor/Pump Assembly	N/A	1
8	Decal-KENT Logo	M34-0795	1
9	Decal-U/L Specs	N/A	1
10	U/L Date Code	N/A	1
11	Decal-Warning: Risk of Inject/Explode	M34-0616	1
12	Cable Tie	M33-0022	1
13	Hang Tag-U/L Warnings	M34-0605	1
14	GFCI 15 Amp w/o Power Cord	M32-0364	1
	GFCI 15 Amp w/Power Cord	M32-0352	1
15	Decal-Serial #	N/A	1
16	Decal-Warning: Risk of Electrocution	M34-0606	1
17	High Pressure Hose	M15-0117	1
18	Gun w/Screw Lance	M16-0166	1
19	Variable Nozzle Assembly 1.2 mm	M16-0170	1

EXPLODED VIEW FOR 1250E



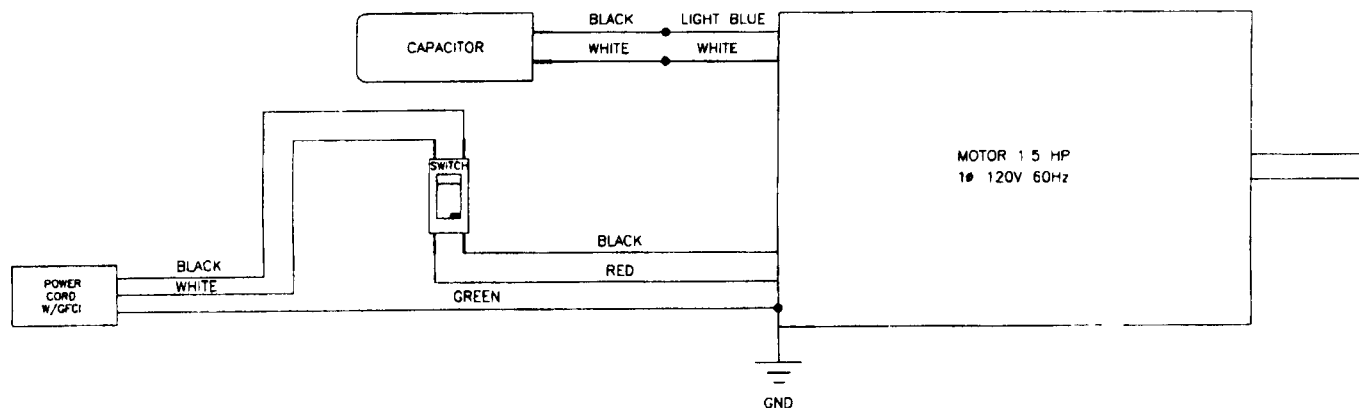
MOTOR/PUMP ASSEMBLY FOR 1250E											
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	GFCI (15 Amp) w/o Power Cord	M32-0364	1	47	Piston Spring	M46-0081	3	94	Pressure Ind. Dialplate (See M22-0210)	N/A Sep.	1
	GFCI (15 Amp) with Power Cord	M32-0352	1	48	Pump Housing	M46-0031	1	95	Locknut (See M22-0210)	N/A Sep.	1
2	Strain Relief	M9-0051	1	49	Oil Sight Glass (See M70-0082)	N/A Sep.	1	96	Adjusting Screw (See M22-0210)	N/A Sep.	1
3	Handle	M62-0060	1	50	Oil Sight Glass Support (See M70-0082)	N/A Sep.	1	97	Spring (See M22-0210)	N/A Sep.	1
4	Screw	M27-8196	4	51	Gasket	M26-0166	3	98	Pressure Indicator Piston (See M22-0210)	N/A Sep.	1
5	Switch	M22-0184	1	52	Lockwasher	M29-0154	8	99	Back-up Ring (See M22-0210)	N/A Sep.	1
6	Switch Protector (See M70-0067)	N/A Sep.	1	53	Bolt	M27-8194	4	100	O-ring (See M22-0210)	N/A Sep.	1
7	Switch Protector Frame (See M70-0067)	N/A Sep.	1	54	Oil Drain Plug (See M70-0083)	N/A Sep.	1	101	Pressure Gauge Body (See M22-0210)	N/A Sep.	1
8	Screw (See M70-0067)	N/A Sep.	2	55	Extension Oil Tube	M46-0351	1	102	Pump Manifold	M46-0649	1
9	Electric Connector (See M70-0105)	N/A Sep.	2	56	Oil Fill Cap	M36-0066	1	103	Screw	M27-8198	1
10	Electric Connection Protector - Female (See M70-0105)	N/A Sep.	2	57	Oil Seal	M26-0163	3	104	Screw (See M70-0088)	N/A Sep.	4
11	Electric Connection Protector - Male	N/A	4	58	O-ring (See M70-0118 or M70-0084)	N/A Sep.	3	105	Spring (See M70-0138)	N/A Sep.	1
12	Electric Connector - Female	N/A	4	59	Packing Retainer	M9-0050	3	106	Ball (See M70-0138)	N/A Sep.	1
13	Plastic Wire Tie (See M70-0105)	N/A Sep.	1	60	O-ring (See M70-0118 or M70-0084)	N/A Sep.	3	107	O-ring (See M70-0138)	N/A Sep.	1
14	Clip (See M70-0105)	N/A Sep.	1	61	Pressure Seal (See M70-0118 or M70-0084)	N/A Sep.	3	108	Valve Seat (See M70-0138)	N/A Sep.	1
15	Screw (See M70-0105)	N/A Sep.	1	62	Screw	M27-8821	2	109	Back-up Ring (See M70-0138)	N/A Sep.	1
16	Capacitor	M46-0345	1	63	O-ring (See M70-0086)	N/A Sep.	7	110	Roll Pin (See M70-0138)	N/A Sep.	1
17	Grommet (See M70-0105)	N/A Sep.	1	64	Valve Complete (85-88) (See M70-0086)	N/A Sep.	6	111	Piston By-pass Valve (See M70-0138)	N/A Sep.	1
18	Gasket	M26-0165	1	65	Valve Cage (See M70-0086)	N/A Sep.	6	112	O-ring (See M70-0138)	N/A Sep.	1
19	Screw	M27-8187	1	66	Valve Spring (See M70-0086)	N/A Sep.	6	113	Back-up Ring (See M70-0138)	N/A Sep.	1
20	Washer	M26-0061	1	67	Valve (See M70-0086)	N/A Sep.	6	114	O-ring (See M70-0138)	N/A Sep.	1
21	Screw	M27-8864	1	68	Valve Seat (See M70-0086)	N/A Sep.	6	115	Body By-pass Valve (See M70-0138)	N/A Sep.	1
22	Washer	M26-1022	2	69	O-ring	M25-0335	6	116	Pressure Reg. Spring (See M70-0138)	N/A Sep.	1
23	Motor Fan	M52-0043	1	70	Valve Plug	M46-0628	6	117	Pressure Reg. Screw (See M70-0138)	N/A Sep.	1
24	Nut	M30-3003	4	71	O-ring (See M70-0108)	N/A Sep.	1	118	Snap Ring (See M70-0138)	N/A Sep.	1
25	Motor Flange - Rear	M52-0020	1	72	Unloader Check Valve (See M70-0108)	N/A Sep.	1	119	Pressure Reg. Knob (See M70-0138)	N/A Sep.	1
26	Nut	M30-3024	4	73	Check Valve Spring (See M70-0108)	N/A Sep.	1	120	Screw (See M70-0138)	N/A Sep.	1
27	Washer	M26-0132	4	74	Injector Nozzle (See M70-0108)	N/A Sep.	1	121	Self Screw (See M70-0138)	N/A Sep.	1
28	Screw	M27-8190	4	75	O-ring (See M70-0108)	N/A Sep.	2	122	Cap - Red	M7-0086	1
29	Rubber Foot	M14-0055	4	76	O-ring (See M70-0108)	N/A Sep.	1	123	Cover-Right	M62-0062	1
30	Angle Support for Motor	M20-0318	2	77	Injector Bushing (See M70-0108)	N/A Sep.	1	124	Screw	M27-8863	8
31	Ball Bearing	M46-0029	1	78	Garden Hose Filter	M19-0001	1	125	Cover-Left	M62-0061	1
32	Stator	M52-0022	1	79	Garden Hose Swivel	M23-0162	1	126	Screw	M27-8193	4
33	Rotor	M52-0044	1	80	Garden Hose Gasket	M26-0166	1		Switch Cover Kit (Includes 6-8)	M70-0067	
34	Motor Flange - Front	M52-0025	1	81	Filter Inlet	M19-0061	1		Oil Glass Kit (Includes 49-51)	M70-0082	
35	Screw	M27-8188	4	82	Screw	M27-8197	4		Oil Drain Plug (Includes 51, 54)	M70-0083	
36	Oil Seal	M25-0244	1	83	O-ring	M25-0357	1		Packing Kit (Includes 1 each 58-61)	M70-0084	
37	O-ring	M25-0243	1	84	Screw	M27-8866	1		Valve Kit (Includes 5 each 63, 64)	M70-0086	
38	Ball Bearing	M46-0033	1	85	Spring for Detergent Inj. (See M70-0102)	N/A Sep.	1		Manifold Bolt Kit (Includes 52, 104)	M70-0088	
39	Wobble Plate 9"	M52-0045	1	86	Ball for Detergent Inj. (See M70-0102)	N/A Sep.	1		Manifold Assembly (Inc. 58-66, 102, 103, 105-122)	M70-0089	
40	Washer	M26-0133	1	87	O-ring (See M70-0102)	N/A Sep.	1		Injector Repair Kit (Includes 85-88)	M70-0102	
41	Screw	M27-8195	1	88	O-ring (See M70-0102)	N/A Sep.	1		Capacitor Assy (Includes 9, 10, 13-17)	M70-0105	
42	Bearing Disk-Rear	M46-0035	1	89	Hose Barb	M33-0151	1		Unloader Check Valve Kit (Inc. 71-77)	M70-0108	
43	Bearing	M46-0030	1	90	Detergent Hose * (4 feet required)	M15-0021	1		Packing Kit w/o Brass (3 each 58, 60, 61)	M70-0116	
44	Bearing Disk - Front	M46-0032	1	91	Pressure Indicator Complete (82, 92-101)	M22-0210	1		Unloader Repair Kit (83, 71-73, 75, 105-122)	M70-0138	
45	Piston Spring Retainer	M46-0362	3	92	Pressure Indicator Cover (See 22-0210)	N/A Sep.	1		*Must order in one foot lengths		
46	Piston	M46-0363	3	93	Pressure Indicator Needle (See 22-0210)	N/A Sep.	1				

GUN & WAND ASSEMBLY FOR 1250E



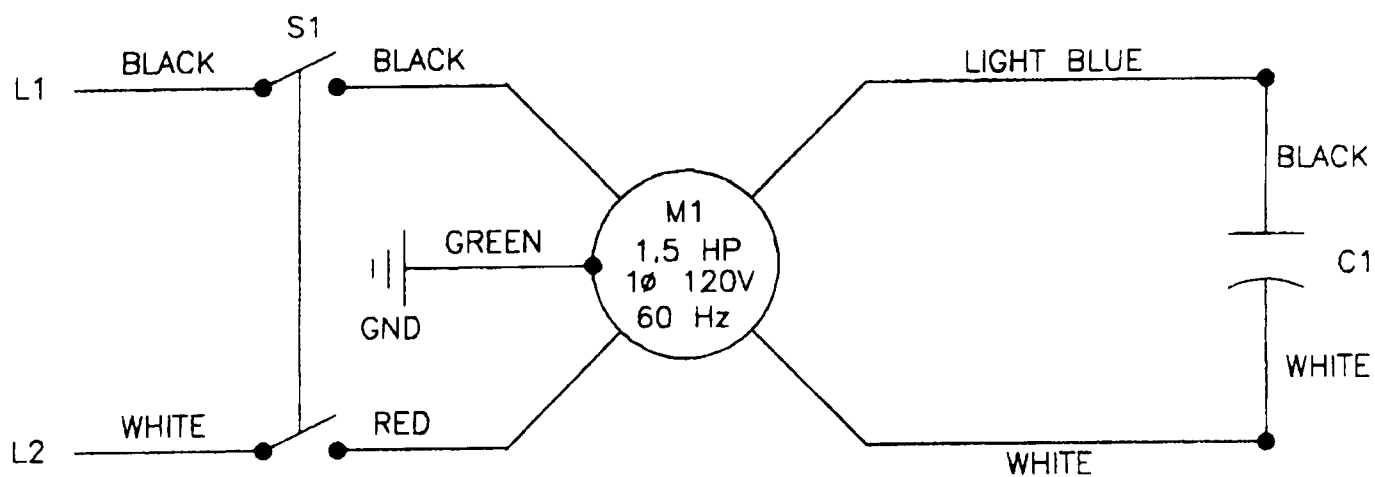
GUN (M16-0166) & WAND (M16-0170) ASSEMBLY FOR 1250E							
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART # QTY.
1	Screw	M27-8382	7		24	Plastic Screw Connector-Male	M16-0181 1
2	Plastic Housing (Left side)	M16-0189	1		25	Quick Connect-Female	M17-0031 1
3	Housing-Brass	M23-0183	1		26	O-ring	M25-0259 1
4	Pipe	M21-0095	1		27	Quick Connect-Male	M17-0032 1
5	Coupler	M23-0173	1		28	Plastic Screw Connector-Female	M16-0183 1
6	Trigger Safety Lock	M16-0188	1		29	Pipe	M21-0096 1
7	Trigger Rest	M16-0186	1		30	Wand Protector	M62-0092 1
8	Trigger	M16-0187	1		31	Collar	M16-0326 1
9	Trigger Pin	M43-0069	1		32	Nozzle Body	M18-0300 1
10	Plastic Housing with Warning (Right Side)	M16-0185	1		33	O-ring	M25-0345 1
11	Plug (See Kit M70-0057)	N/A Sep.	1		34	Back-up Ring	M25-0344 1
12	O-ring (See Kit M70-0057)	N/A Sep.	1		35	O-ring	M25-0343 1
13	Spring (See Kit M70-0057)	N/A Sep.	1		36	Nozzle 1.20 mm	M18-0237 1
14	Ball (See Kit M70-0057)	N/A Sep.	1		37	Pin	M43-0083 1
15	Seat (See Kit M70-0057)	N/A Sep.	1		38	Housing	N/A 1
16	O-ring (See Kit M70-0057)	N/A Sep.	1		39	O-ring	M25-0342 1
17	Pin (See Kit M70-0057)	N/A Sep.	1		40	Nozzle Angle Plate	M18-0283 1
18	Washer (See Kit M70-0057)	N/A Sep.	1		41	Nozzle Protector	M18-0301 1
19	O-ring (See Kit M70-0057)	N/A Sep.	1		42	Identification Pin	M18-0286 1
20	Back-up Ring (See Kit M70-0057)	N/A Sep.	1			Gun w/Screw Lance (Includes items 1-25)	M16-0166 1
21	Gun/Wand Connector	M16-0182	1			Gun Repair Kit (Includes items 11-20)	M70-0057 1
22	Pipe	M21-0089	1			Variable Nozzle Assy. (Includes 26-43)	M16-0170 1
23	Wand Protector	M62-0063	1		Must order M16-0166 & M16-0170 for complete Gun & Wand Assembly		

WIRING DIAGRAM



OMFP056W-012396-JTR

WIRING SCHEMATIC



OMFP056S-012396-JTR

NOTES

THE KENT LIMITED WARRANTY

Your Kent equipment which has been manufactured, tested and inspected in accordance with carefully specified engineering requirements, is warranted to be free from defects in material and workmanship. This warranty is, however, subject to the following qualifications, conditions and limitations which are set forth to provide you and all users of the Kent equipment with information concerning the duration, extent, availability and applicability of this Kent limited warranty, the procedure to be taken to obtain its performance and other information concerning the Kent warranty policy.

The Kent Limited Warranty is extended to the original end user as follows:

KW Series pressure washers 1 year parts replacement and service labor warranty. Normal wear parts including hoses, gaskets, pump seals and nozzles guaranteed against defects for a period of 90 days from date of sale. Honda engines are warranted by American Honda Co., Inc. for a period of 1 year.

Replacement parts guaranteed for 90 days from date of installation against defects in material and workmanship.

The 10 year poly component replacement warranty with 1 year service labor extends for a period of ten (10) years from the date of the original purchase of the Kent equipment by the original purchaser. This warranty will not cover damage attributable to the following:

- (1) Improper, unreasonable or negligent use or abuse of the equipment.
- (2) Use of equipment with hot water or high temperature above 130 degrees Fahrenheit (54 degrees Centigrade).
- (3) "Warping", "Creepage", or "Distortion" of part so long as the same does not interfere with normal operation.
- (4) Abrasions or punctures of the equipment.

The start date of the warranty coverage shall be the purchase date of the original end user or 1 year from the date the machine was shipped from the factory, whichever come first. Proof of purchase will be required.

PARTS OF KENT EQUIPMENT NOT COVERED BY WARRANTY

Certain parts of Kent equipment require replacement in the ordinary course of use due to normal wear by reason of their characteristics. These are normal wear items such as cords, gaskets, switches, bumpers, carbon brushes, handle grips, bags, hoses, bearings, etc.

EXCEPTIONS AND EXCLUSIONS FROM WARRANTY

This equipment is required to be used on electric current as indicated on the data plate. Otherwise damage, defects, malfunctions or other failures of the equipment arising from use on electric current not as indicated are excepted and excluded from this warranty. Defects, malfunctions, failure or damage of the equipment caused by improper, unreasonable or negligent use or abuse other than those designated as authorized to perform such work without first having obtained factory instructions, The Kent Company, at its sole option, may determine that this warranty will not apply and that reimbursement for such repair will not be made because of the failure to comply with such factory specified instructions.

PROCEDURE TO BE TAKEN TO OBTAIN PERFORMANCE OF WARRANTY REPAIR

To secure repair of the equipment or any warranted parts under this warranty, the following procedure should be taken. The inoperative equipment or warranted parts, together with satisfactory evidence of the purchase date, must be delivered, with shipping and deliver charges prepaid, to one of the following:

- (1) The dealer from whom purchased;
- (2) Any Kent distributor's service department in the United States;
- (3) Any Kent authorized service station in the United States.

If you are unable to locate any of the foregoing, you may write or otherwise communicate with The Kent Company for instructions before repair service is performed by anyone else. In such event, The Kent Company will provide either the location of a closely available Kent distributor service department or Kent authorized service station or other factory instructions. Upon compliance with the above procedure, all warranted defects will be repaired, at no additional charge or costs to the customer, and the repaired product returned to the customer, with all shipping and delivery charges prepaid. In following the procedures above set forth, PLEASE MAKE CERTAIN to state the Kent model, type and serial number as shown on the data plate of the equipment.

REPLACEMENT

In the event of a defect, malfunction or failure of your Kent equipment or any warranted part to conform with this warranty, The Kent Company may, at its sole option and own expense, replace the equipment or any warranted part with another new identical or reasonably equivalent model or part in lieu of repairing the defect.

NO REFUND OF PURCHASE PRICE

The Kent Company will not, as a matter of its warranty policy, refund the customer's purchase price.

WARRANTY REGISTRATION CARD FOR YOUR KENT EQUIPMENT AND INFORMATION REQUEST

Your Kent Company distributor from whom you purchased your equipment is responsible for the registration of your warranty with the factory. We ask that you cooperate with your distributor in supplying the necessary information on the warranty card so that we may better serve you. Any information or questions you may have concerning your Kent equipment or this warranty may likewise be secured from the factory. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

THE KENT COMPANY
P.O. BOX 1665 ELKHART, INDIANA 46515

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