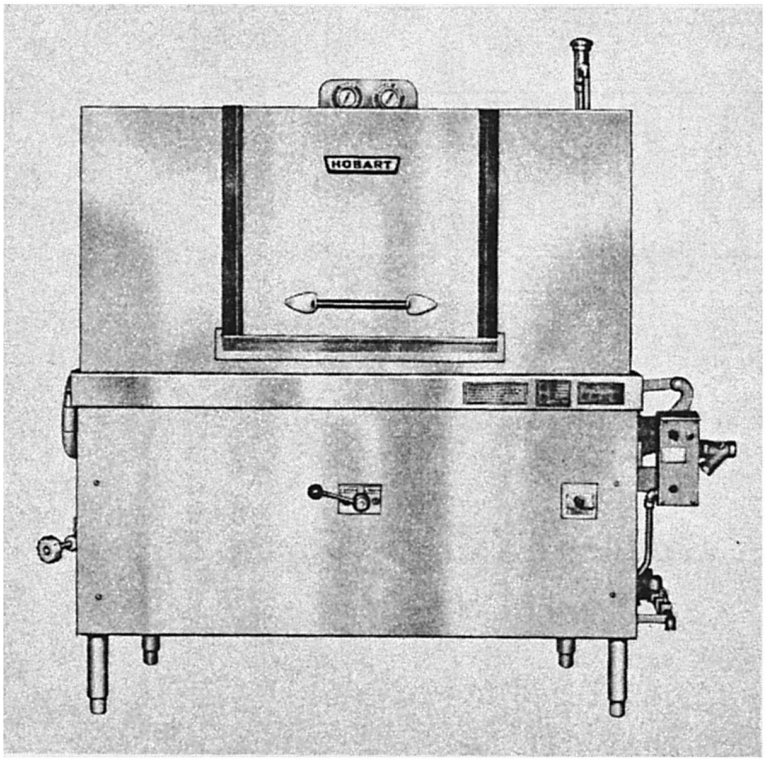
HOBART

INSTRUCTION MANUAL

... with Replacement Parts



MODEL C-54 DISHWASHER

MOUNTED CONTROL BOX

ML-15734 R. to L.
ML-15735 L. to R.

A product of HOBART CORPORATION TROY, OHIO 45374

FORM 10125C (Rev. 7-73) (Supsds. F. 10125B, 10-69)

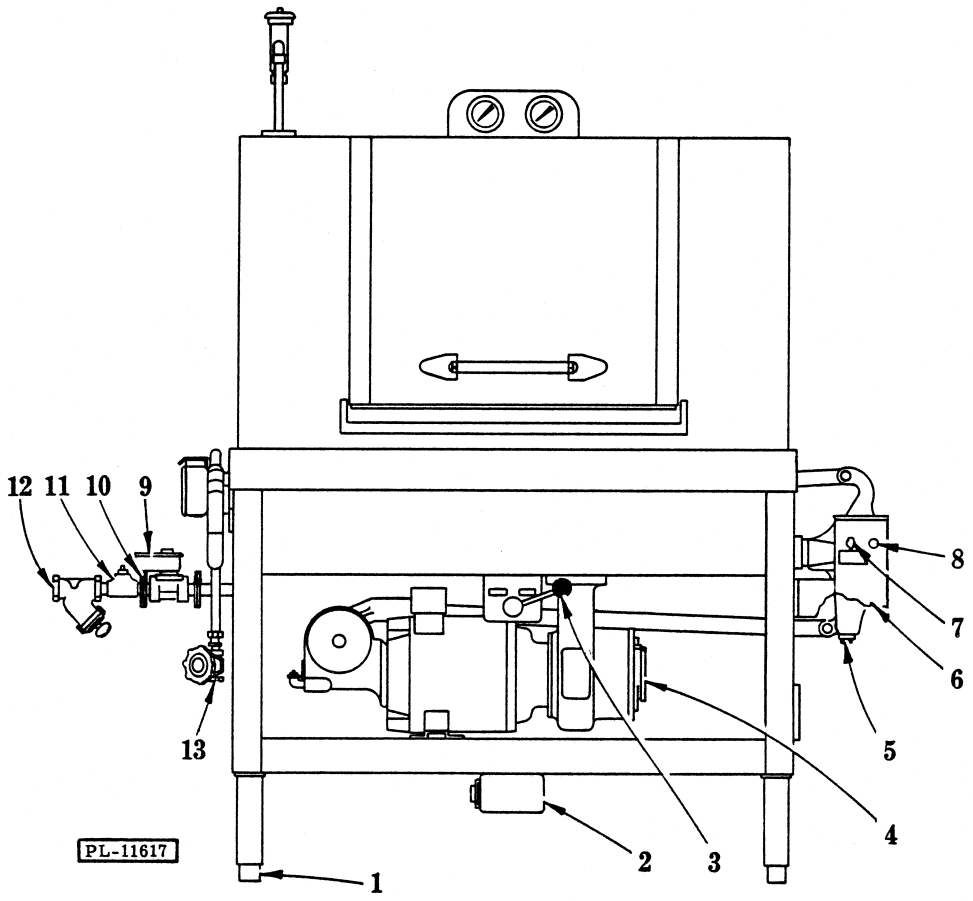


Fig. 1

Installation, Operation and Care of MODEL C-54 DISHWASHER

Your dishwasher may or may not be factory equipped with certain OPTIONAL features. Use only the instructions which apply to your equipment.

For the users convenience, the instructions in this catalog are divided into five sections:

A–INSTALLATION **C–MAINTENANCE**
B–OPERATION **D–SERVICE TIPS**
E–GENERAL

Each section has the code letter as a prefix and the sections are then numerically listed. As each section is broken down (sub-divided) a period and a suffix number are added, i.e. A.3.3.6. A.3 – designates "electrical connections", 3 – designates "heat", and 6 – designates "electric-regulated". With this type of numbering, all sections, paragraphs, and sub-paragraphs may be identified for reference. With this method, a cross reference may be used to avoid repetition and direct the reader to the exact copy needed.

SECTION A - INSTALLATION

Plumbing and electrical connections should be made by qualified workmen who will observe all applicable Sanitary Codes, Safety Codes and the National Electrical Code.

A.1 LOCATION:

A.1.1 After unpacking dishwasher, remove shipping plates. Plug holes in adjustable feet with plastic plugs (packed in bag, attached to drain handle). Set the dishwasher in its proper location. Adjust to height and level by

turning the threaded feet (1, Fig. 1). Make sure the dishwasher is level before making plumbing connections.

A.1.2 A label showing the "roughing-in" locations of plumbing and electrical connections is attached to the left hand end of the tank.

A.1.3 Dish tables should be turned down and fit into the dishwasher (1, Fig. 2). Use mastic between table and lip of tank to prevent leakage. The turned down portion (2, Fig. 2) of the right hand table (only) should be notched (3, Fig. 2) to clear oscillator arm splash cover.

A.1.4 Rack Track height to be from 1/8" to 3/16" (dim. A, Fig. 2) above tank lip.

A.2 PLUMBING:

A.2.1 **Drain:**

A.2.1.1 Connect the drain (2, Fig. 1) to the sewer using 2" pipe. If a grease trap is required by code, it should have a flow capacity of 38 gallons per minute.

A.2.1.2 A rinse drain-off connection (at the rear of the machine) has a 3/4" male pipe connection which should be connected to the drain. The rinse drain-off has the function of preventing excess rinse water from entering the wash water and diluting the detergent solution in the wash tank.

A.2.2 **Fill:**

A.2.2.1 A separate 1/2" fitting (13, Fig. 1) is provided for connecting the fill line. The temperature of the fill water should be 140° to 160° F.

A.2.3 **Rinse:**

A.2.3.1 The line strainer (12, Fig. 1), tee (11, Fig. 1) and flanged nipple (10, Fig. 1) are dis-assembled for shipping purposes. Re-assemble this piping sub-assy., making sure that the "O" ring is properly seated in the grooved flange. Screws, nuts and lock washers for attaching are contained in a cloth bag tied to the solenoid valve (9, Fig. 1).

A.2.3.2 Use 3/4" pipe for the connecting line (12, Fig. 1). For long runs use larger pipe to assure adequate pressure. The water for the rinse should have a temperature of 180° F. or more, and have a flow pressure of 20 to 25 pounds at the machine.

A.2.4 Also see Heats (section A.3.3).

A.3 ELECTRICAL CONNECTIONS:

A.3.1 Before making any electrical connections, check the specifications of the equipment to make sure they agree with your electrical power service. Most electrical codes (local, state or national) require the power circuit for the dishwasher to have a disconnecting device (not furnished), i.e., circuit breaker or fused disconnect switch.

NOTE: Make sure the installation complies to the code for your area.

A.3.2 **General Notes:**

A.3.2.1 This model dishwasher is furnished with the following wiring combination:

A.3.2.1.1 Mounted Motor Control Box - Machine completely wired (except electric heat). Customer connects electric power to: Motor controller. See Section A.3.3.6 for connecting electric heat.

A.3.2.2 Multiphase motor must rotate the impeller in the direction of arrow on pump face plate cover (4, Fig. 1). Remove the three hex head screws and the face plate cover (with the cast arrow). The impeller is

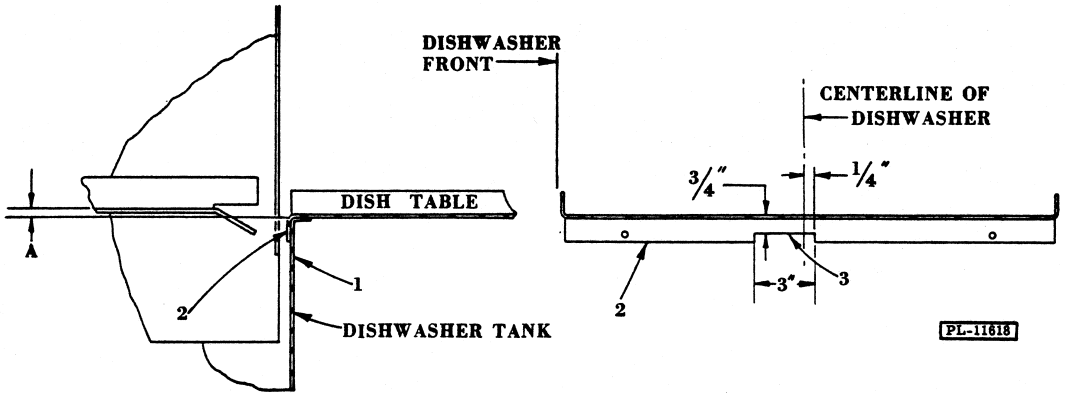


Fig. 2

then plainly visible. Interchanging two power supply leads at the motor controller will reverse multiphase motor. The multiphase motor must rotate in the correct direction for the pump to function properly.

A.3.3 HEAT - Types (refer to section that applies to your equipment):

A.3.3.1 **Steam:**

A.3.3.1.1 Steam Regulated. Connect to 1/2" (10 P.S.I. and over), or 3/4" (under 10 P.S.I.) female pipe fitting. For models not completely factory wired, connect electric power supply to heat control box. Turn heat switch (7, Fig. 1) "on". Completely open the manual steam valve and let the thermostat do the regulating. Remove lid on heat control box (6, Fig. 1) to adjust the thermostat setting. Figures on thermostat are approximate temperature settings. Use thermometer (on top of dishwasher) for proper water temperature reading. Adjust thermostat to suit. The pilot lamp (8, Fig. 1) will remain lighted as long as heat switch is turned "on". After operation, turn off the heat switch, close the manual steam valve to provide a positive shut-off.

A.3.3.2 **Gas** - General:

NOTE: Two easily identified, styles of gas burners are or have been used on this model dishwasher and will require separate instructions. Style 1, as shown in Fig. 3, had separate "Baso" (safety shut-off valve (Fig. 4)) and "Basotrol" (flow control solenoid valve (6, Fig. 3)). Style 2, as shown in Fig. 5, has a single unit combination safety shut-off and control valve.

A.3.3.2.1 Check burner tag for type of gas to be used with the equipment.

A.3.3.2.2 Connect to gas supply with tubing or pipe to conform with local codes. Check to make sure compression fittings of the gas burners have not loosened during machine shipment. Install gas pressure regulator, on style 1 only, if pressure is above 6" W.C. (natural gas) or 11" W.C. (L.P. gas).

A.3.3.2.3 Remove lid on heat control box (6, Fig. 1) to adjust the thermostat setting. Figures on thermostat are approximate temperature settings. Use thermometer (on top of dishwasher) for proper water temperature reading. Adjust thermostat to suit. The pilot lamp will remain lighted as long as heat switch is turned "on".

NOTE: Should the tank be accidentally drained without first turning off the heat switch the low water protection feature will automatically de-energize the gas solenoid valve shutting off the gas supply to the main burner. If this should occur, turn "off" the heat switch. Allow the wash tank to cool, fill tank with water, press thermostat re-set button then turn "on" the heat switch.

DO NOT USE THE LOW WATER PROTECTION FEATURE AS AN "ON" AND "OFF" SWITCH FOR THE BURNER.

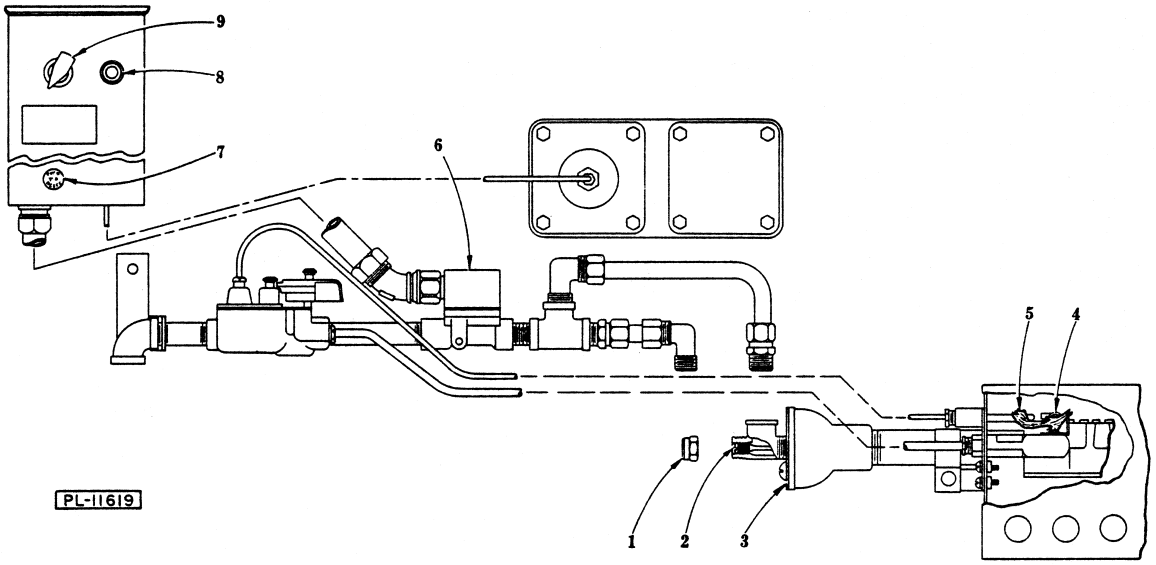


Fig. 3

A.3.3.3 **GAS - STYLE 1** (Fig. 3)

NOTE: This style must have a pressure regulator if gas pressure is above 6" W.C. (natural gas) or 11" W.C. (L.P. gas).

A.3.3.3.1 Adjust gas flow, after installation, by removing cap (1, Fig. 3) and turning needle valve (natural gas only) (2, Fig. 3). Air proportion is varied by turning disc (3, Fig. 3). Mixers for bottled gas such as butane, propane, etc. have orifice spuds of a fixed size and no needle valves. If burner tag does not agree with the gas to be used, a different spud may be needed. See your local Hobart sales and service agency or write the factory giving type of gas, BTU rating and length of gas burner. With natural gas, the flame should be adjusted to a maximum height of 1-1/4", but with other gases they will be lower. The flames should be clear blue. If tipped with yellow, the proportion of gas is too high; if the flames lift from the burner there is too much air.

A.3.3.3.2 Safety Valve & Pilot:

A.3.3.3.2.1 **All gas heaters for this dishwasher are furnished with a safety valve and pilot. The pilot flame is intended to burn continuously. A special baffle is provided between pilot flame and tank bottom to protect tank. Should the flame be blown out, or the gas pressure fail, the valve will shut off completely, thus preventing gas leakage into the room.**

A.3.3.3.2.2 To light gas Pilot:

A.3.3.3.2.2.1 Turn handle (1, Fig. 4) to "Pilot" position.

A.3.3.3.2.2.2 Push re-set button (2, Fig. 4) down and light gas pilot burner (4, Fig. 3), through sliding door on front of burner housing. Hold button depressed for 30 to 45 seconds or until pilot burner continues to burn when button is released.

A.3.3.3.2.3 Pilot flame (5, Fig. 3) must surround the end section of the thermocouple for a distance of 1/2" or more.

A.3.3.3.2.4 To adjust the pilot flame; remove outer slotted (cap) screw (3, Fig. 4) and adjust by turning inner screw. Replace outer (cap) screw (3, Fig. 4) tightly to prevent gas leakage.

A.3.3.3.2.5 To turn off Pilot Flame:

A.3.3.3.2.5.1 If the dishwasher is to be out of use for a long period of time, both of the pilots and main burners may be shut off completely by lifting lock button (4, Fig. 4) and turning handle (1, Fig. 4) to "off". This lock button is put in the valve to prevent turning off the pilot unintentionally.

A.3.3.3.3 To light Main Burner:

CAUTION – NEVER LIGHT MAIN GAS BURNER UNDER AN EMPTY TANK AND NEVER DRAIN TANK BEFORE TURNING OFF MAIN BURNER.

NOTE: It is not necessary to turn off the pilot flame when the tank is drained, as there is a shield between the tank and the pilot flame (also see A.3.3.3.2.5.1).

A.3.3.3.3.1 Turn the handle (1, Fig. 4) completely open to "on". The thermostat will regulate the flow of gas.

A.3.3.3.3.2 Turn heat switch (9, Fig. 3) "on".

A.3.3.3.4 To turn off Main Burner:

A.3.3.3.4.1 To turn off the main burner, move the handle (1, Fig. 4) to "Pilot" position. The pilot flame will continue to burn.

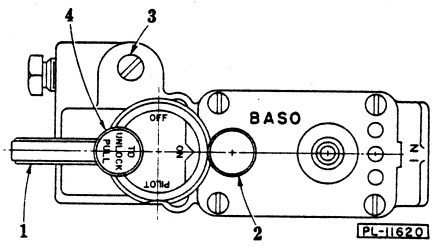


Fig. 4

A.3.3.4 **GAS - STYLE 2 (Fig. 5)**

NOTE: This style has a separate gas specification plate attached to dishwasher. This style must have a pressure regulator if gas pressure is above 7" W.C. (natural gas) or 11" W.C. (L.P. gas).

A.3.3.4.1 This style gas burner has a control valve to suit the type gas used and is non-adjustable. The control valve has a built in gas pressure regulator to hold the pressure to 3-1/2" W.C. (natural gas). A gaged, non-adjustable, control valve is used with L.P. gas which has a normal gas pressure of 11" W.C.

A.3.3.4.2 Safety Valve and Pilot:

A.3.3.4.2.1 The pilot flame is intended to burn continuously. Should the flame be blown out, or the gas pressure fail, the valve will shut off completely, thus preventing gas leakage into the room.

A.3.3.4.2.2 To light gas Pilot:

A.3.3.4.2.2.1 Turn handle to open shut-off valve (1, Fig. 5).

A.3.3.4.2.2.2 Open lighter hole cover (3, Fig. 5).

A.3.3.4.2.2.3 Push and hold depressed the re-set button (2, Fig. 5) while also holding flame inside the lighter hole. A 3" candle or similar extender is a good aid to get flame up close to the pilot port. Hold re-set button depressed for 30 to 45 seconds or until pilot burner continues to burn when button is released. Pilot flame should surround end of thermocouple for approx. 1/2".

A.3.3.4.2.2.4 Close lighter hole cover (3, Fig. 5).

A.3.3.4.3 Main Burner:

A.3.3.4.3.1 Gas flow to the main burner is regulated by the solenoid valve of the control valve. With the heat switch in the control box turned "on", the shut-off valve open (1, Fig. 5), the thermostat then controls the flow of gas to the burner.

A.3.3.5 **Electric** - General:

A.3.3.5.1 BE SURE TANK IS FILLED WITH WATER BEFORE TURNING ON HEATER AND ALWAYS TURN OFF HEATER BEFORE DRAINING TANK.

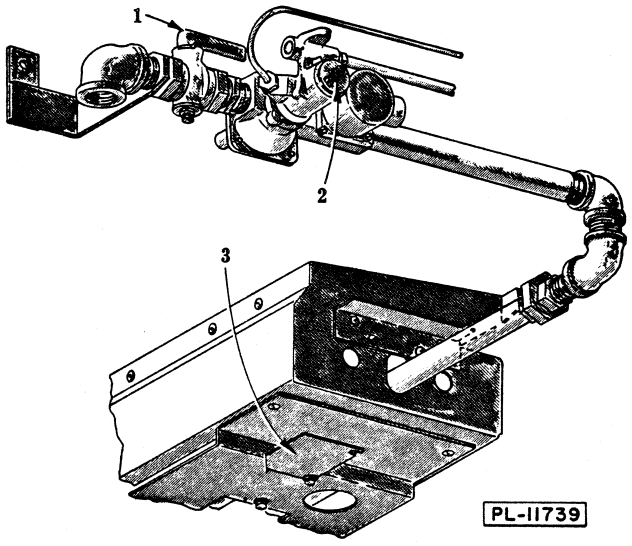


Fig. 5

A.3.3.6 **Electric** - Regulated:

A.3.3.6.1 Connect separate electric power supply to heat control box magnetic contactor line terminals. See section A.3.1 for safety disconnect switch information.

A.3.3.6.2 Turn heat switch (7, Fig. 1) to "on". Remove lid on heat control box to adjust thermostat. Figures on thermostat are approximate temperature settings. Use thermometer (on top of dishwasher) for proper water temperature reading. Adjust thermostat to suit. The pilot lamp will remain lighted as long as heat switch is turned "on".

NOTE: Should the tank be accidentally drained before turning off the heat switch, the low water protection feature will automatically de-energize the heater. If this should occur, turn the heat switch to "off". Allow the electric heater to cool, fill tank with water, press the re-set button on the thermostat, then turn the heat switch "on".

DO NOT USE THE LOW WATER PROTECTION FEATURE AS AN "ON" AND "OFF" SWITCH FOR THE HEATER.

SECTION B - OPERATION

B.1 PREPARATION:

B.1.1 Move drain handle (3, Fig. 1) to "shut" to close drain.

B.1.2 Turn on fill valve (13, Fig. 1). Fill tank to top of overflow.

B.1.3 Place strainer pans into position in tank.

B.1.4 Scatter the initial charge of detergent on the strainer pans. Replenish as needed. When an automatic detergent dispenser has been added (by others) follow supplier's instructions.

B.1.5 Hang curtains on the open hooks provided (Fig. 6 or 7). All three curtains (#18-C-1) are the same size and are interchangeable. Hang curtains at: wash entrance end (1, Fig. 6 or 7), between wash and rinse compartments (2, Fig. 6 or 7) and at exit end of rinse (3, Fig. 6 or 7). A right to left operation curtain installation is shown in Fig. 6. A left to right operation installation is shown in Fig. 7.

B.1.6 Turn on heater (see section A.3.3 for your type of heat, description and adjustment).

B.1.7 Wash thermometer should register 160° F. Rinse thermometer should register 180° or more during rinsing operation. These temperatures are necessary for proper dishwashing.

B.1.8 Start the dishwasher by turning on the pump switch.

B.2 DISHWASHING:

B.2.1 Stack the dishes in the racks. Do not stack dishes one on top of another; water must have free access to both sides of every dish.

B.2.1.1 Stand plates and flat dishes up edgewise as shown in Fig. 8.

B.2.1.2 Cups, glasses, and bowls should be inverted in open-type or compartment-type racks as shown in Fig. 9.

B.2.1.3 Silverware, butter chips, and small pieces may be scattered loosely over the type racks as shown in Fig. 9.

B.2.2 When rack is loaded, slide it into machine and start loading another. The operation of the dishwasher is automatic; each rack moves through the wash and rinse zones then out onto the clean dish table. The rinse lever is actuated by the dish rack and shuts off the rinse water when no rack is in the rinse zone.

B.2.2.1 Dishwashers having dwell unit option, holds racks in the wash section until pushed out by the next rack. Last rack is ejected by moving dwell control handle to "drive" position.

B.2.3 Allow dishes to drain and air-dry for approximately one minute before removing dishes from rack.

NOTE: A spring loaded conveyor release is provided, should the racks jam or the load become excessive. Conveyor release tension may be adjusted by turning screw (5, Fig. 1) to suit. Turning clockwise increases tension.

B.3 AFTER DISHWASHING:

NOTE: After each meal period is completed, a suggested quick method to keep wash and rinse manifolds (wash arms) clear of obstructions is to use the procedures as listed in B.3.1, B.3.2, B.3.3 and B.3.4.

B.3.1 TURN OFF THE HEATER. (Do not drain tank or remove strainer pans at this time).

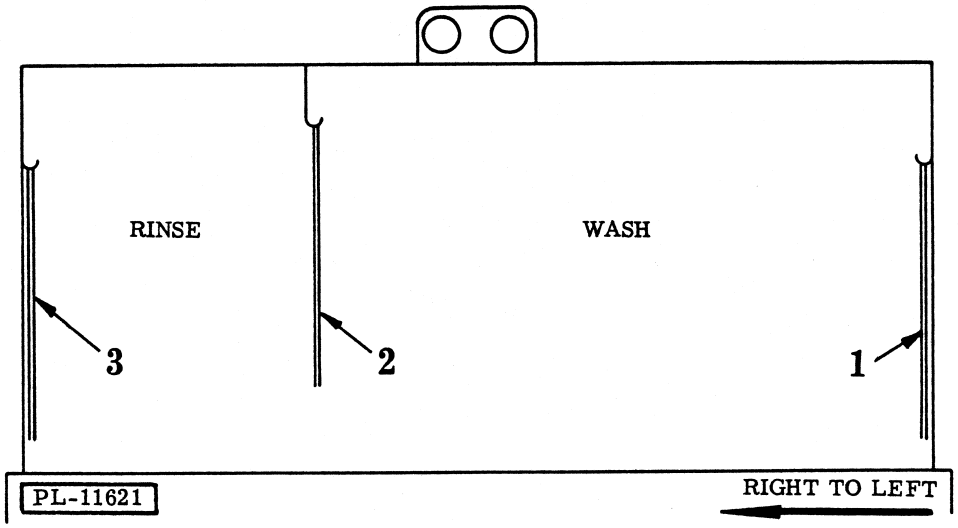


Fig. 6

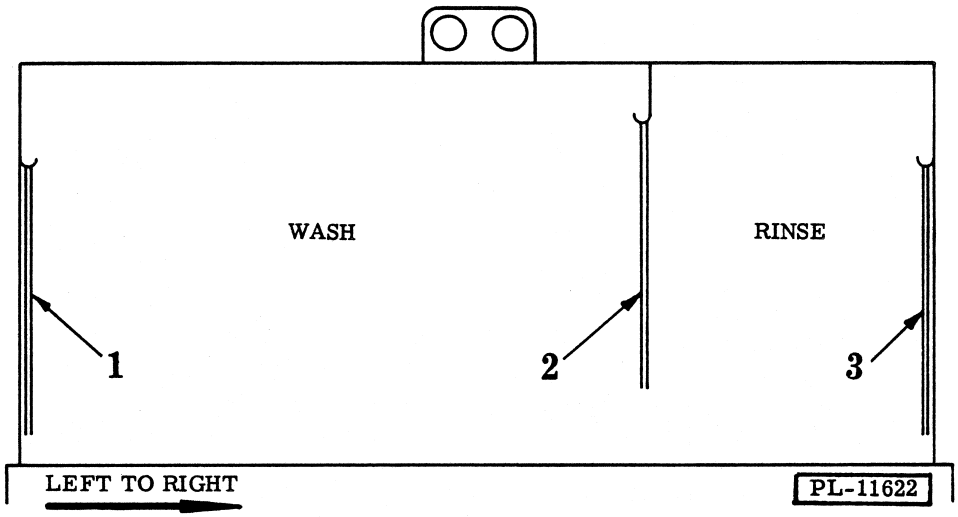


Fig. 7

B.3.2 Open door and remove all manifold end caps.

B.3.3 Using a common silverware knife, push any nozzle obstructions into the manifolds (wash arms). Check all nozzles in all manifolds.

B.3.4 To clean the revolving upper wash arm, remove hand knob and withdraw the revolving wash arm assembly. Carry the arm to a sink, push out any nozzle obstructions with a small object (even a stiff soda straw) to clear the rounded hole in the nozzle. Back flush each nozzle thoroughly at the sink.

B.3.5 Close door and flush manifolds by operating dishwasher briefly.

B.3.6 Next, move drain handle (3, Fig. 1) to "Open" position and allow dishwasher tank to drain.

B.3.7 Clean off the soiled and clean dish tables into the dishwasher, before removing strainer pans.

B.3.8 Remove dishwasher strainer pans. Empty contents into garbage can or disposer.

B.3.9 Remove the curtains and wash out the interior of the machine. Open door and allow curtains to remain outside while machine is not in use so that the interior will air out and dry. Curtains will last longer and give better service if they are scrubbed, thoroughly rinsed, and allowed to dry at the end of each day's operation.

B.3.10 See maintenance section (C) for cleaning rinse nozzles, etc.

SECTION C - MAINTENANCE

C.1 LUBRICATION:

Hobart servicing offices have the current lubricants listed in their lubrication manual.

C.1.1 **Motor.**

C.1.1.1 Lubricate once or twice a year with the proper lubricant. Remove the grease plugs (8 & 9, Fig. 10) to add the grease.

CAUTION: Do NOT over-lubricate; exces-

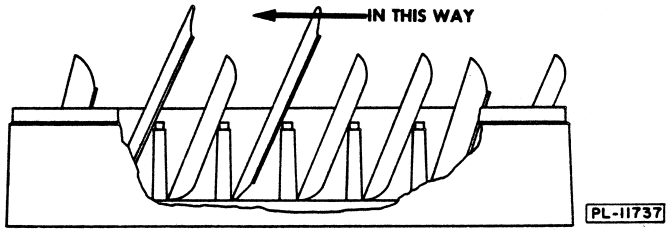


Fig. 8

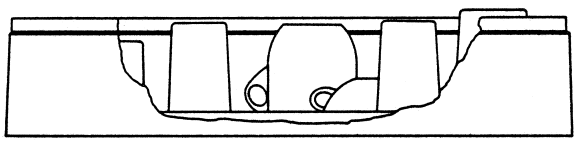


Fig. 9

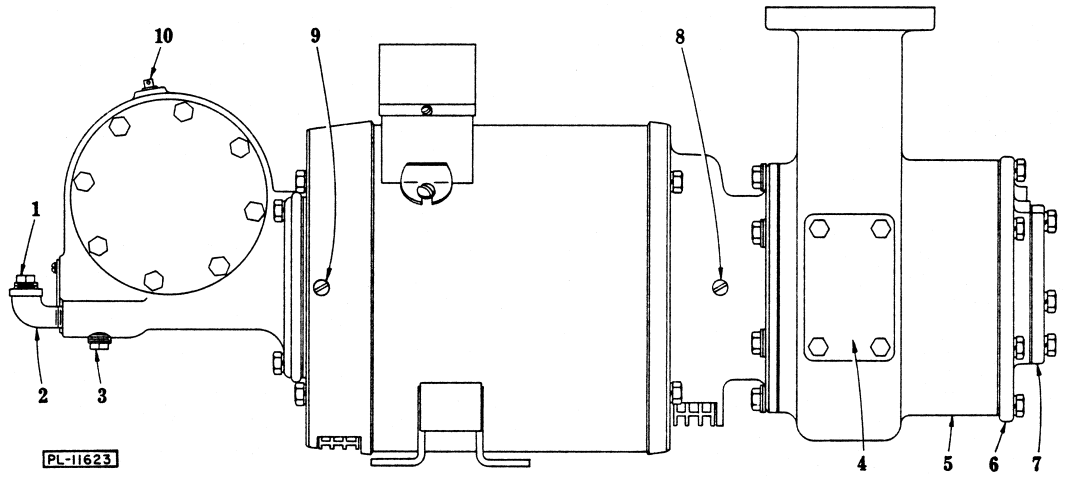


Fig. 10

sive lubrication does more damage than under-lubrication.

C.1.2 **Pump** - No lubrication required.

C.1.3 **Speed Reducer.**

C.1.3.1 Replenish lubricant as needed (see C.1.3.2). Check monthly, keeping lubricant level to top of elbow (2, Fig. 10).

C.1.3.2 Each six months remove plugs (1 & 3, Fig. 10) and drain lubricant. Replace plug (3, Fig. 10). Re-fill with new lubricant until lubricant reaches top of elbow (2, Fig. 10). Replace plug (1, Fig. 10).

C.1.3.3 Vent hole in plug (10, Fig. 10) must be kept open.

C.1.4 **Oscillating & Connecting Arms** - No lubrication required.

C.1.5 **Upper Wash Arm.**

C.1.5.1 The revolving upper wash arm has ball bearings that are grease lubricated at the factory and sealed at assembly. No additional lubrication should be required.

C.2 WASH ARMS:

C.2.1 **Upper Revolving Wash Arm.**

C.2.1.1 Should rotate from 40 to 50 R.P.M.

C.2.1.1.1 Nozzles are set at approximately 8° at the factory.

C.2.1.1.2 Remove knurled nut to withdraw upper wash arm. At re-assembly make sure drive ears of arm are engaged. Pin should be between drive ears.

C.3 RINSE NOZZLES:

C.3.1 Clean regularly to remove lime or other solids.

C.3.1.1 Use straightened-out paper clip to clean out opening in nozzle.

C.3.1.2 Remove winged nut on end of rinse pipe to flush out scale or sediment.

SECTION D - SERVICE TIPS

D.1 DISHES NOT CLEAN:

D.1.1 Insufficient wash water.

D.1.1.1 Water lost through improperly closed drain due to obstruction, or to damaged "O" ring. Remove obstruction, or replace damaged "O" ring.

D.1.2 Improper or incorrect quantity of detergent.

D.1.2.1 Consult detergent representative for assistance.

D.1.3 Loss of wash pressure (see D.1.1 & D.1.2).

D.1.3.1 Pump obstruction. Turn off heat and electric power supplies, then drain tank. Check for and remove any obstruction in tank at pump intake. Next, remove inspection plate (4, Fig. 10) and face plate cover (7, Fig. 10). Check and remove any obstruction.

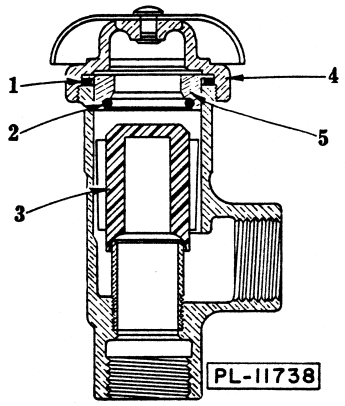


Fig. 11

D.1.3.2 Pump motor not running (see section D.6).

D.1.4 Incorrect water temperatures.

D.1.4.1 For proper water temperatures see sections A.2.2 and A.2.3. For improper rinse water temperature check your booster and/or building supply. For improper wash water temperatures see section A.3.3.

NOTE: Numbers indicated on heater thermostat will not necessarily indicate exact wash water temperature.

D.1.5 Spotting of silverware, glasses and dishes:

D.1.5.1 Improperly loaded racks. Hinders wash and rinse operation (see B.2.1).

D.1.5.2 Excessive solids or hardness in water will cause spotting. A water softener and certain types of detergents help reduce this problem. Consult your detergent representative.

D.1.5.3 Incorrect rinse water temperature or pressure, (see section A.2.3).

D.1.6 Inadequate Rinse:

D.1.6.1 A dirty line strainer will cause reduced flow. Shut off water supply, remove strainer cap, withdraw and clean screen.

D.1.6.2 Low flow pressure will cause inadequate rinse (see section A.2.3). Consult your plumber if low pressure exists.

D.2 VACUUM BREAKER LEAKING:

D.2.1 Deposits on the float will prevent the proper operation of the vacuum breaker.

D.2.1.1 Shut off the water supply and remove the threaded top cap (4, Fig. 11). Lift off the collar (5, Fig. 11) with the "O" ring (2, Fig. 11), then remove the gasket (1, Fig. 11). Withdraw the float (3, Fig. 11) and clean thoroughly. At reassembly make sure the "O" ring is not damaged and is properly seated in its groove.

D.3 CONTINUOUS RINSE OPERATION:

D.3.1 Check rinse lever for freedom of travel.

D.3.1.1 Lubricate the rinse mechanism switch operating shaft.

D.3.2 Foreign material preventing the closing of the solenoid valve (see section D.4.2).

D.3.3 Improper plunger adjustment, or faulty micro switch.

D.3.3.1 Adjust plunger, or replace switch.

D.4 LEAKING VALVES:

D.4.1 The steam and fill valves must be free of foreign material at the valve seat. A critical period for a valve is soon after installation, when pipe compound or metal shavings from the installation may lodge at the valve seat and prevent the valve from completely closing.

D.4.1.1 Shut off the water supply and using wrench, unscrew and lift bonnet from valve body (EXCEPT see section D.4.2 for solenoid valve). Clean valve, removing foreign obstructions.

D.4.2 If a solenoid valve is malfunctioning, it is recommended that a Hobart service technician be contacted. Inexperienced personnel can easily damage this type of valve.

D.5 NO WASH TANK HEAT (Regulated Gas & Electric Heats):

D.5.1 If the tank should be accidentally drained before turning off the heat, the low water protector makes the heater inoperative. If this happens refer to section A.3.3.2.3 for gas or section A.3.3.6.2 for electric heats.

D.5.2 Electric power supply failure (see section D.6.1).

D.6 ELECTRICAL SERVICING:

D.6.1 Failure of machine to operate may be caused by a blown fuse or tripped circuit breaker in the power supply line to the dishwasher.

D.6.1.1 Replace fuse or re-set circuit breaker if required. If this procedure does not correct the trouble contact your Hobart service technician.

D.7 PUMP SERVICING:

D.7.1 If the pump face plate is removed, in servicing the pump, a new gasket may be required. Use one .020" gasket.

SECTION E - GENERAL

E.1 DESIGN:

E.1.1 The model C-54 is fully automatic, rack-type dishwasher. Has extra large inspection door which provides ready access to interior of wash chamber. Direction of operation is easily changed in the field without use of additional parts.

E.2 MOTOR CONTROLLER:

E.2.1 Mounted within the motor control box are; "On-off" switch, magnetic contactor, and thermal overload relays, to suit various electrical specifications.

E.2.1.1 Mounted Motor Control Box - Machine completely wired (except electric heat) (see section A.3.2.1.1).

E.3 MOTOR:

E.3.1 Hobart built, 2 horsepower, 4 pole, 1725 RPM motor.

E.4 SPEED REDUCER:

E.4.1 Attached to motor. Provides 6.5 feet per minute conveyor speed (58 to 1 ratio, 60 Hz.).

E.5 PUMP:

E.5.1 Closed impeller type, integral with motor. Has rotating shaft seal (no stuffing box).

E.6 VACUUM BREAKER:

E.6.1 The rinse line has a vacuum breaker and the wash tank fill line has an air gap and suds trap. These provide air gaps in the supply lines, thus preventing any reverse flow of water from the dishwasher into the potable (fresh) water supply.

E.7 REDUCED VOLTAGE CONTROL:

E.7.1 A reduced voltage control transformer is furnished for electrical power supply voltages above 250 V. This reduced voltage control transformer supplies a reduced voltage to control circuit of the motor controller and its associated components.

E.8 *HEATERS:

E.8.1 Heaters are furnished with thermostatic control, using steam, gas or electricity (see section A.3.3).

E.9 *LEG TRIM:

E.9.1 Stainless steel trim covers are used to cover the legs.

E.10 *FRONT PANEL:

E.10.1 Front panels are available.

E.11 *DWELL UNIT:

E.11.1 The purpose of the dwell unit is to hold a rack in the wash position until the next rack forces it on thru the rinse and then from the dishwasher. To remove the last rack simply move the handle from "Dwell" to "Drive". Used with standard cradle only.

E.12 *CRADLE & SIDE ROD UNIT:

E.12.1 With the special cradle and side rod unit it is possible to index standard (20" x 20") and shorter than standard (10" x 20", 14" x 20", & 16" x 20") racks. Dwell unit cannot be used with this special cradle and side rod unit.

E.13 *EXTENDED HOOD:

E.13.1 The extended hood provides a dampered vent along with being an effective splash shield for both the entrance and discharge ends of the wash chamber. May be added to this model of existing dishwasher in the field.

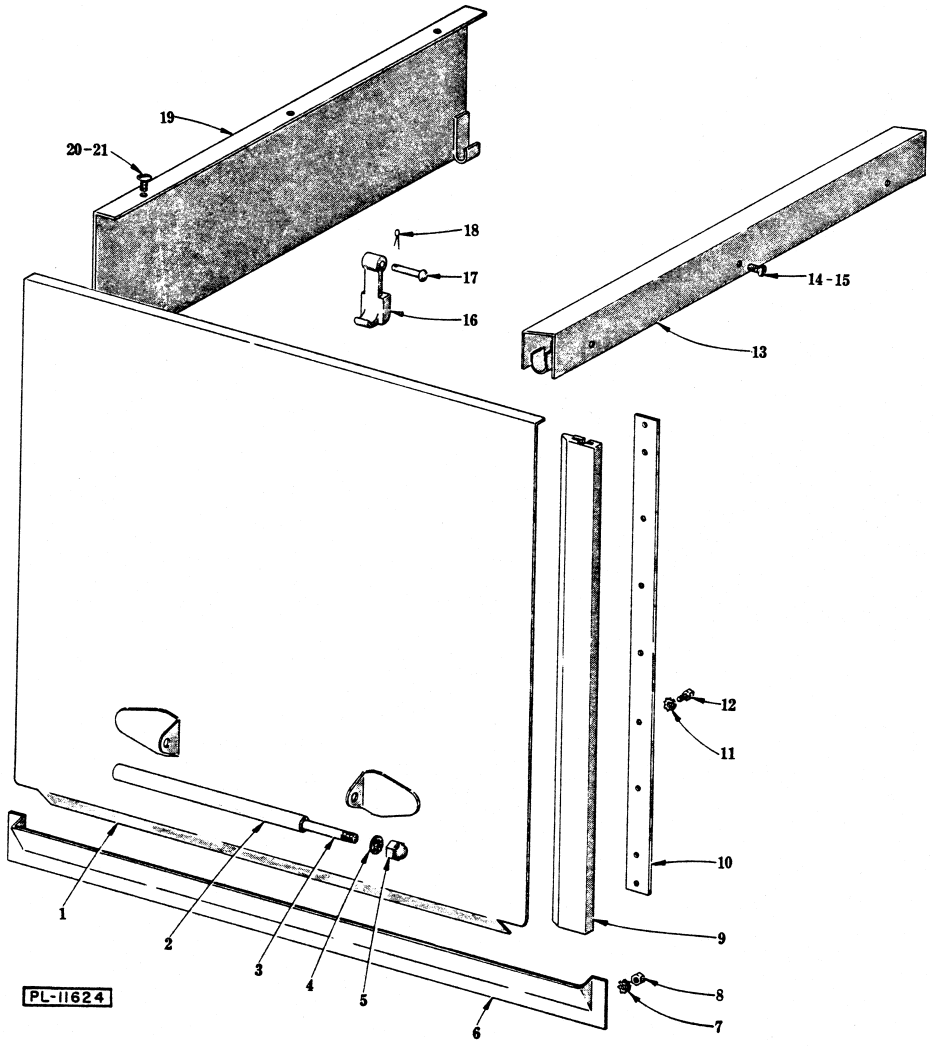
E.14 *VENT HOOD:

E.14.1 The vent hood has a dampered exhaust opening (the sides are not as long as the extended hood). May be added to this model of existing dishwasher in the field.

E.15 *AUTOMATIC FILL:

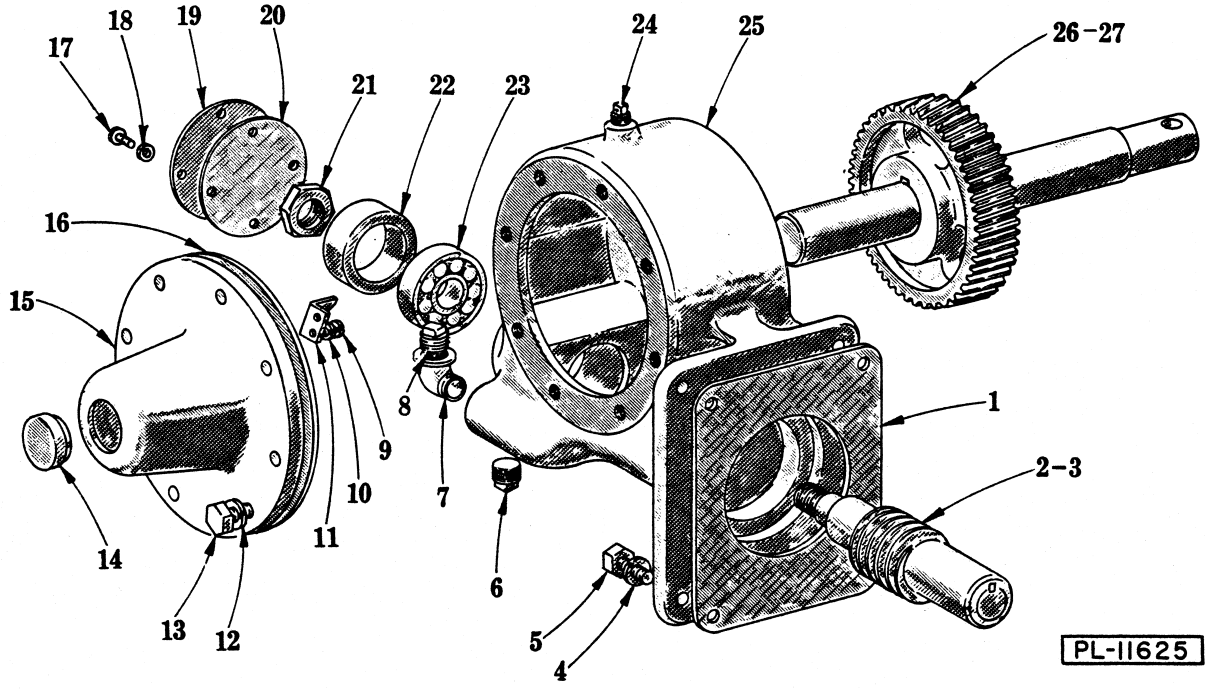
E.15.1 The automatic fill is activated by a separate switch and regulated by a pressure switch. This automatically fills the tank and when the proper level is reached, automatically shuts off. It also maintains a predetermined level. The tank may also be filled manually, when desired by using the manual fill valve.

*Available at extra cost.



CURTAIN BAFFLES AND DOOR

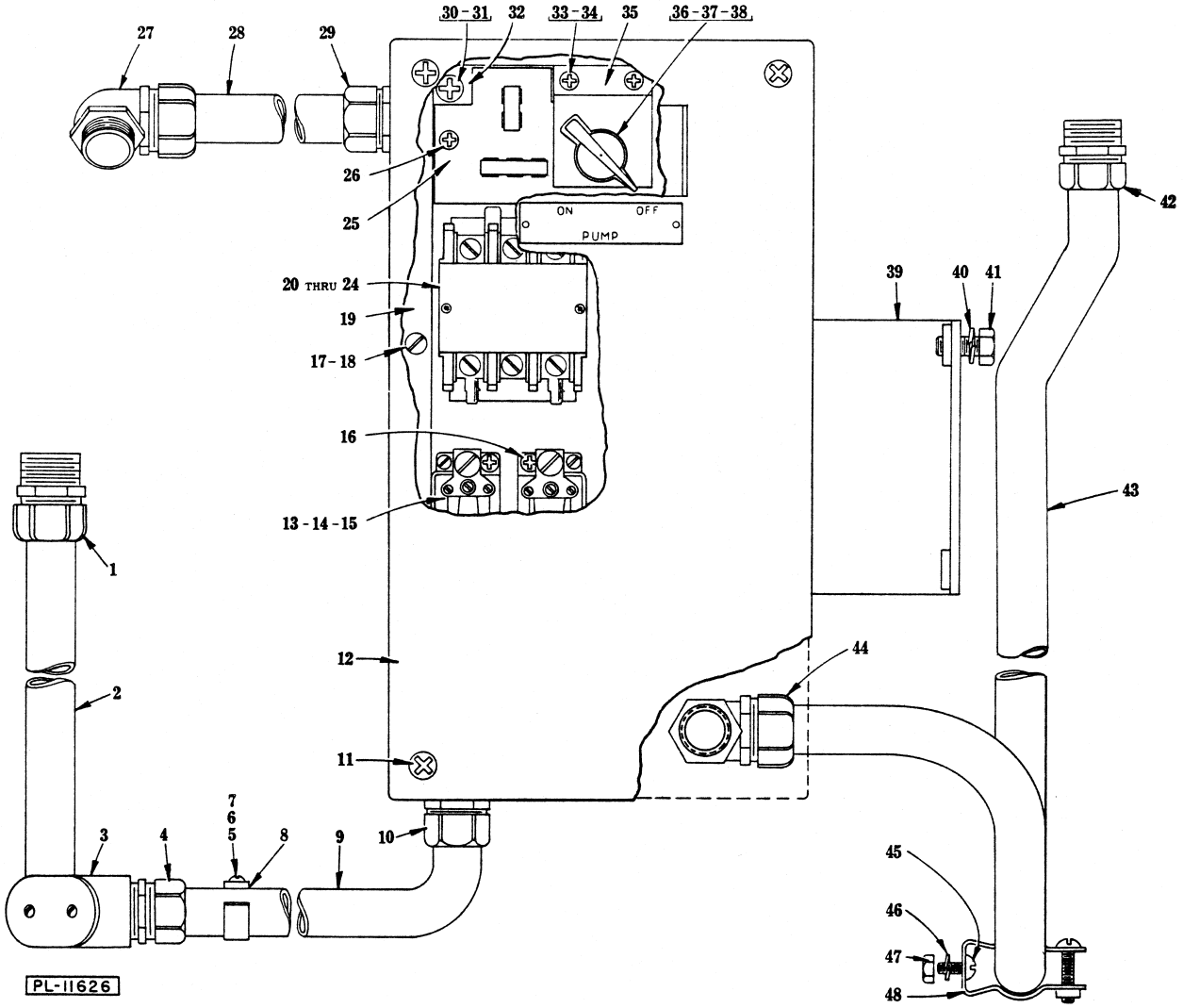
ILLUS. PL-11624	PART NO.	NAME OF PART	AMT.
1	R-79137	Door & Handle Bracket Sub-Assy.	1
2	M-22413-2	Handle - Door	1
3	M-63486	Stud - Door Handle	1
4	WL-8-17	Lock Washer - 1/4" Int. Shakeproof	2
5	NS-25-4	Acorn Nut - 1/4"-20	2
6	S-79061	Inspection Door Trough Assy.	1
7	WL-14-7	Lock Washer - #10 Ext. Shakeproof	13
8	NS-11-18	Mach. Nut - #10-24 Hex	13
9	P-79156-1	Guide - Inspection Door	2
10	R-79066	Retainer - Door Guide	2
11	WL-14-7	Lock Washer - #10 Ext. Shakeproof	18
12	M-81921	Mach. Screw - Trimmed Hex Hd.	18
13	R-79047	Curtain Hook & Drip Shield Assy.	2
14	SC-53-5	Mach. Screw - #10-24 x 3/8" Truss Hd.	6
15	NS-31-15	Stop Nut - #10-24 "Elastic"	6
16	M-63553	Latch - Door	1
17	V-12114	Pin	1
18	PC-4-6	Cotter Pin - 1/16" x 1/2"	1
19	R-79164	Curtain Hook & Baffle Assy.	1
20	SC-53-5	Mach. Screw - #10-24 x 3/8" Truss Hd.	3
21	NS-31-15	Stop Nut - #10-24 "Elastic"	3
	R-79138	Door & Handle Assy. (Incls. items #1, 2, 3, 4 & 5)	1



SPEED REDUCER UNIT

ML-15648 58-1 60 Hz.
ML-15647 52-1 50 Hz.

ILLUS. PL-11625	PART NO.	NAME OF PART	AMT.
1	M-14039	Gasket - Gear Case	1
2	P-79277-3	Worm (1T), Shaft & Connecting Sleeve Sub-Assy. (60 Hz.)	1
3	P-79277-2	Worm (1T), Shaft & Connecting Sleeve Sub-Assy. (50 Hz.)	1
4	WL-3-36	Lock Washer - 1/4" x .107" x .047"	4
5	SC-36-6	Fin. Bolt - 1/4"-20 x 1" Hex Hd.	4
6	FP-28-6	Plug - 1/4" Sq. Hd. Pipe	1
7	FP-13-7	Elbow - 1/4" x 90° Street	1
8	FP-28-6	Plug - 1/4" Sq. Hd. Pipe	1
9	SC-7-74	Mach. Screw - #10-24 x 3/8" Rd. Hd.	4
10	WL-3-22	Lock Washer - #10 x .055" x .040"	4
11	M-12841	Wiper - Oil	2
12	WL-3-36	Lock Washer - 1/4" x .107" x .047"	16
13	SC-36-4	Fin. Bolt - 1/4"-20 x 3/4" Hex Hd.	16
14	V-17671	Cap - Face Plate	1
15	P-12830	Plate - Face	2
16	M-12890	Gasket - Face Plate	2
17	SC-7-42	Mach. Screw - #8-32 x 1/2" Rd. Hd.	4
18	WL-3-15	Lock Washer - #8 x .047" x .031"	4
19	M-79453	Plate - Thrust	1
20	M-89919	Gasket - Thrust Plate	1
21	V-6571	Lock Nut - Worm Shaft	2
22	V-6545	Collar - Thrust	1
23	BB-5-21	Ball Bearing - N.D. #3302	1
24	M-4133-2	Plug - Ventilating	1
25	S-79395	Case - Gear	1
26	M-12840-3	Worm Wheel (58T) & Shaft Sub-Assy. (60 Hz.)	1
27	M-12840-2	Worm Wheel (52T) & Shaft Sub-Assy. (50 Hz.)	1

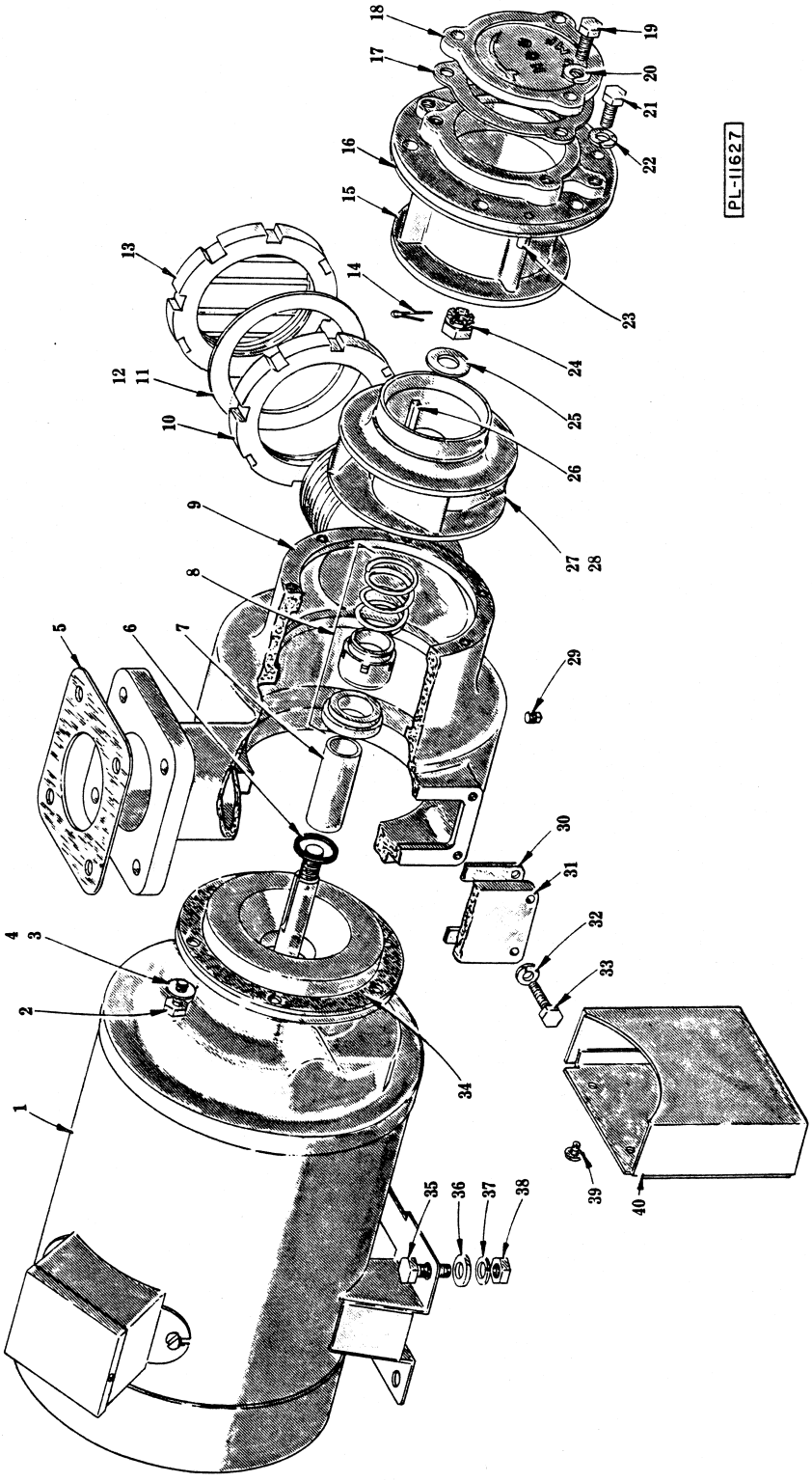


MOTOR CONTROLLER UNIT

MOTOR CONTROLLER UNIT

ILLUS. PL-11626	PART NO.	NAME OF PART	AMT.
*1	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
*2	C-113981	Conduit - 1/2" (Pulling Ell to Final Rinse)	1
*3	FE-7-31	Ell - 90° x 1/2" Pulling	1
*4	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	2
*5	SC-8-10	Mach. Screw - #10-24 x 1/2" Rd. Hd.	1
*6	WL-3-20	Lock Washer - #10 x .055" x .040"	1
*7	NS-9-21	Mach. Nut - #10-24 Hex	1
*8	FE-6-47	Clamp - Pipe	1
*9	R-80819	Conduit - 1/2" (Control Box to Pulling Ell)	1
*10	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
11	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
12	A-113901	Control Box Cover & Pump Plate Sub-Assy.	1
13	P-88196-1-1	Relay - Thermal Overload (For 1 Ph.)	As Reqd.
14	P-88196-2-1	Relay - Thermal Overload (For 3 Ph.)	As Reqd.
15	***	Heater Element - Overload Relay (Give Elec. Spec. & Mach. Model)	As Reqd.
16	SC-8-36	Self-Tapping Screw - #8 x 7/8" Phil. Rd. Hd., Type B	As Reqd.
17	SC-8-10	Mach. Screw - #10-24 x 1/2" Rd. Hd.	4
18	WL-3-20	Lock Washer - #10 x .055" x .040"	4
19	R-79952	Control Box Sub-Assy.	1
20	P-87713-15-1	Contactor - Magnetic (208-240 V., 50/60 Hz., 1 Ph.)	As Reqd.
21	P-87713-15-2	Contactor - Magnetic (115 V., 50/60 Hz., 1 Ph.) (Pilot Circuit)	As Reqd.
22	P-87713-17-1	Contactor - Magnetic (208-240 V., 50/60 Hz., 3 Ph.)	As Reqd.
23	P-87713-17-2	Contactor - Magnetic (115 V., 50/60 Hz., 3 Ph.) (Pilot Circuit)	As Reqd.
24	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
25	P-89375	Board - Terminal	1
26	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	3
27	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
28	P-80244	Conduit - 1/2" (Control Box to Motor)	1
29	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
30	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
31	WL-7-12	Lock Washer - #10 Ext. Shakeproof	4
32	P-79955	Plate - Base	1
33	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
34	WL-7-7	Lock Washer - #8 Ext. Shakeproof	2
35	P-79954	Bracket - Switch	1
36	M-82359	Knob - Rotary Switch	1
37	M-82357	Rotary Switch & Knob Assy. (Incls. items #36 & 38)	1
38	WL-8-29	Lock Washer - 7/16" Int. Shakeproof	1
39	R-79951	Control Box Support Bracket Sub-Assy.	1
40	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
41	SC-36-24	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	2
**42	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
**43	D-113982	Conduit - 1/2" Thinwall (Control Box to Final Rinse)	1
**44	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
**45	SC-8-68	Mach. Screw - 1/4"-20 x 1/2" Rd. Hd.	1
**46	WL-3-36	Lock Washer - 1/4" x .107" x .047"	1
**47	NS-13-1	Full Nut - 1/4"-20 Hex Fin.	1
**48	M-62271	Hanger - Cable (Size 0)	1
	D-101854-1	Controller Box Assy. (208-240 V., 50/60 Hz., 1 Ph.) (Incls. items #11, 12, 13, 15, 16, 19, 20, 24, 25, 26, 30, 31, 32, 33, 34, 35 & 37)	1
	D-101854-2	Controller Box Assy. (115 V., 50/60 Hz., 1 Ph.) (Pilot Circuit) (Incls. items #11, 12, 13, 15, 16, 19, 21, 24, 25, 26, 30, 31, 32, 33, 34, 35 & 37)	1
	D-101853-1	Controller Box Assy. (208-230 V., 50/60 Hz., 3 Ph.) (Incls. items #11, 12, 14, 15, 16, 19, 22, 24, 25, 26, 30, 31, 32, 33, 34, 35 & 37)	1
	D-101853-2	Controller Box Assy. (115 V., 50/60 Hz., 3 Ph.) (Pilot Circuit) (Incls. items #11, 12, 14, 15, 16, 19, 23, 24, 25, 26, 30, 31, 32, 33, 34, 35 & 37)	1

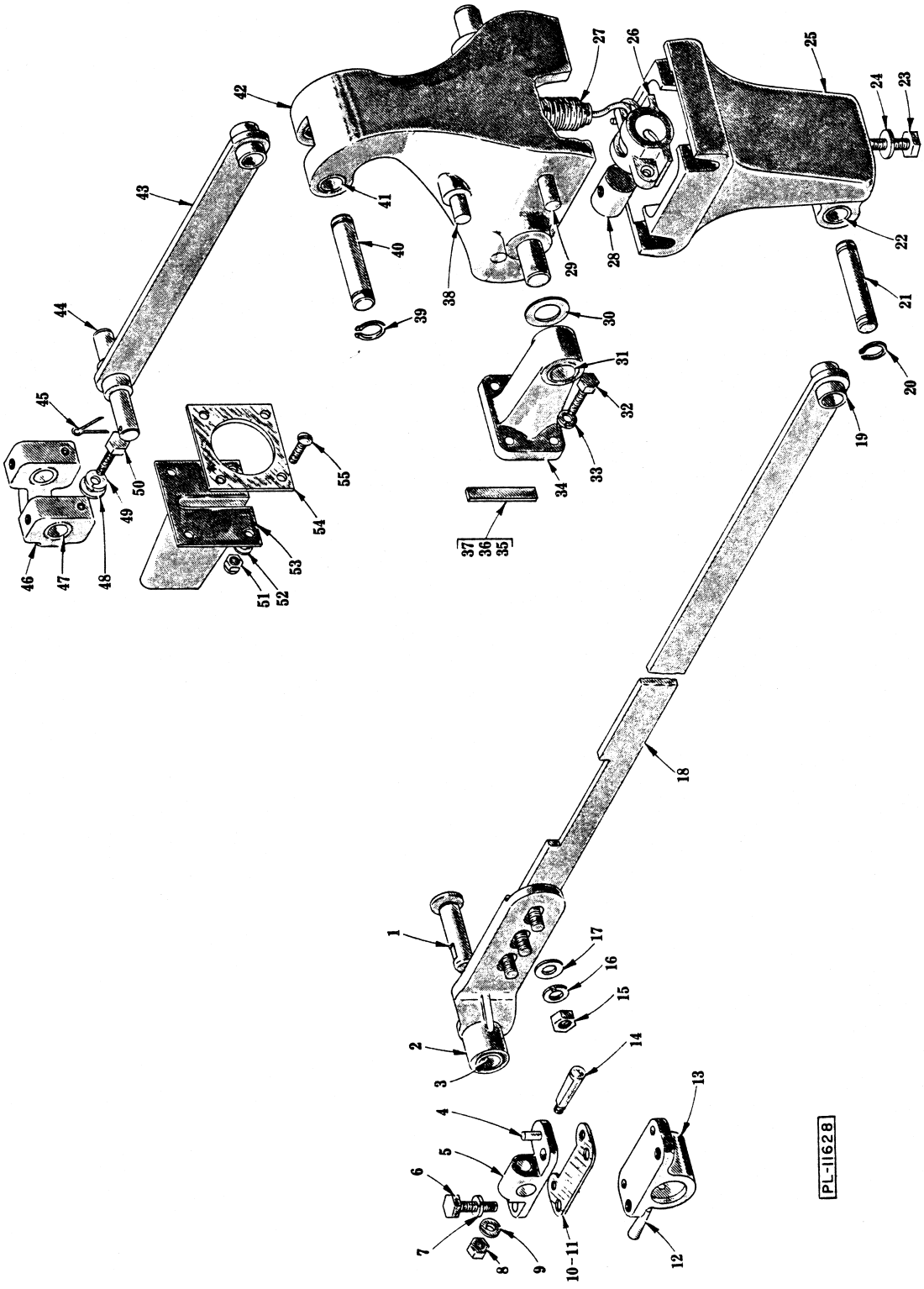
*R. to L. Operation ONLY.
**L. to R. Operation ONLY.
***Hobart service technician to use Starter Element Part No. as listed on Starter Parts Sheet.



MOTOR AND PUMP UNIT

MOTOR AND PUMP UNIT
(H-6-G)

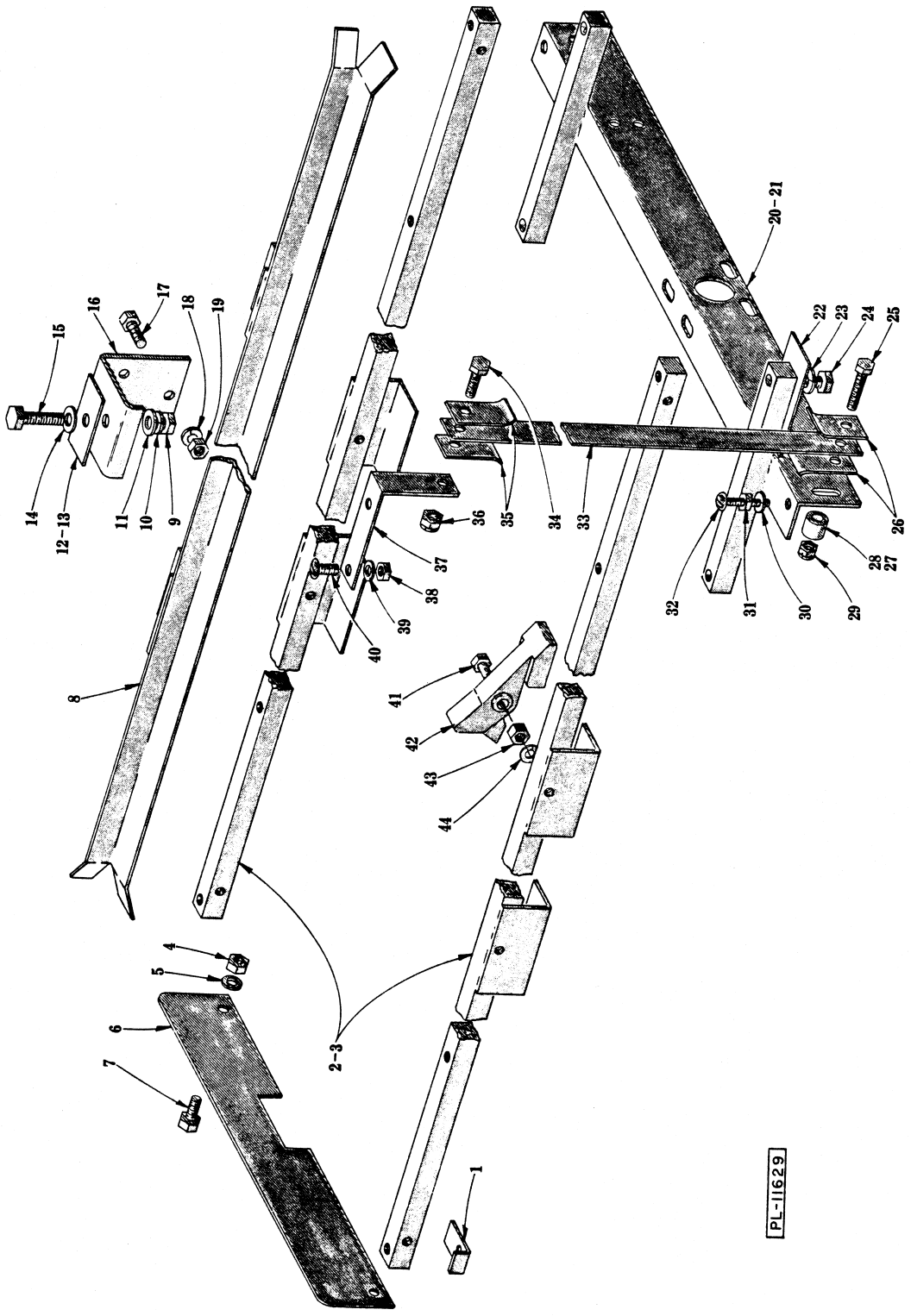
ILLUS. PL-11627	PART NO.	NAME OF PART	AMT.
1	---	Motor (see separate Motor Parts Sheet)	1
2	SC-41-12	Fin. Bolt - 5/16"-18 x 7/8" Hex Hd.	6
3	WS-17-8	Washer	6
4	508454	Sealer (1/8" Rd.)	As Reqd.
5	P-9934-1	Gasket - Pump Outlet	1
6	R-67500-31	"O" Ring	1
7	P-79196	Tube - Spacing	1
8	A-104330	Shaft Seal Assy. (1")	1
9	T-77726	Shell - Pump	1
10	M-9925	Lock Nut - Inlet	2
11	WS-16-18	Washer	2
12	508458	Sealer (1/4" Rd.)	As Reqd.
13	P-87954	Pump Intake Screen Assy.	1
14	PC-5-9	Cotter Pin - 3/32" x 1"	1
15	S-77728	Plate - Face	1
16	P-78179-3	Gasket - Face Plate (Yellow, .020" thk.)	1
17	P-22465	Gasket - Face Plate Cover	1
18	P-79289	Cover - Face Plate	1
19	SC-41-12	Fin. Bolt - 5/16"-18 x 7/8" Hex Hd.	3
20	WL-6-22	Lock Washer - 5/16" x .117" x .056"	3
21	SC-41-12	Fin. Bolt - 5/16"-18 x 7/8" Hex Hd.	6
22	WL-6-22	Lock Washer - 5/16" x .117" x .056"	6
23	P-11800-37	Dowel	1
24	NS-22-5	Castle Nut - 1/2"-20	1
25	V-7350	Washer	1
26	R-12430-64	Key	1
27	R-80413	Impeller (60 Hz.)	1
28	R-78642	Impeller (50 Hz.)	1
29	FP-52-20	Plug - 1/8" Sq. Hd. Pipe	1
30	M-12137	Gasket	1
31	M-111289-1	Cover - Hand Hole	1
32	WL-6-22	Lock Washer - 5/16" x .117" x .056"	4
33	SC-41-12	Fin. Bolt - 5/16"-18 x 7/8" Hex Hd.	4
34	P-104032	Gasket	1
35	SC-36-54	Fin. Bolt - 3/8"-16 x 1" Hex Hd.	4
36	WS-6-36	Washer	8
37	WL-4-2	Lock Washer - 3/8" x .136" x .070"	4
38	NS-13-22	Full Nut - 3/8"-16 Hex Fin.	4
39	SC-60-21	Mach. Screw - #10-24 x 1/4" Rd. Hd.	2
40	R-80812	Air Duct Assy.	1
	M-81925-3	H-6-G Pump Unit Sub-Assy. (60 Hz.) (Incls. items #2 thru 12, 14 thru 27 and 29 thru 34)	1
	M-81925-4	H-6-G Pump Unit Sub-Assy. (50 Hz.) (Incls. items #2 thru 12, 14 thru 26 and 28 thru 34)	1
	P-101419-7	Motor & Impeller Assy. (208-240 V., 60 Hz., 1 Ph.) (Incls. items #1, 6, 7, 8, 14, 24, 25, 26 & 27)	1
	P-101419-8	Motor & Impeller Assy. (208-240 V., 60 Hz., 3 Ph.) (Incls. items #1, 6, 7, 8, 14, 24, 25, 26 & 27)	1
	P-101419-9	Motor & Impeller Assy. (416-480 V., 60 Hz., 3 Ph.) (Incls. items #1, 6, 7, 8, 14, 24, 25, 26 & 27)	1
	P-101419-10	Motor & Impeller Assy. (220 V., 50 Hz., 1 Ph.) (Incls. items #1, 6, 7, 8, 14, 24, 25, 26 & 28)	1
	P-101419-11	Motor & Impeller Assy. (220 V., 50 Hz., 3 Ph.) (Incls. items #1, 6, 7, 8, 14, 24, 25, 26 & 28)	1
	P-101419-12	Motor & Impeller Assy. (380 V., 50 Hz., 3 Ph.) (Incls. items #1, 6, 7, 8, 14, 24, 25, 26 & 28)	1



RECIPROCATING MECHANISM

RECIPROCATING MECHANISM

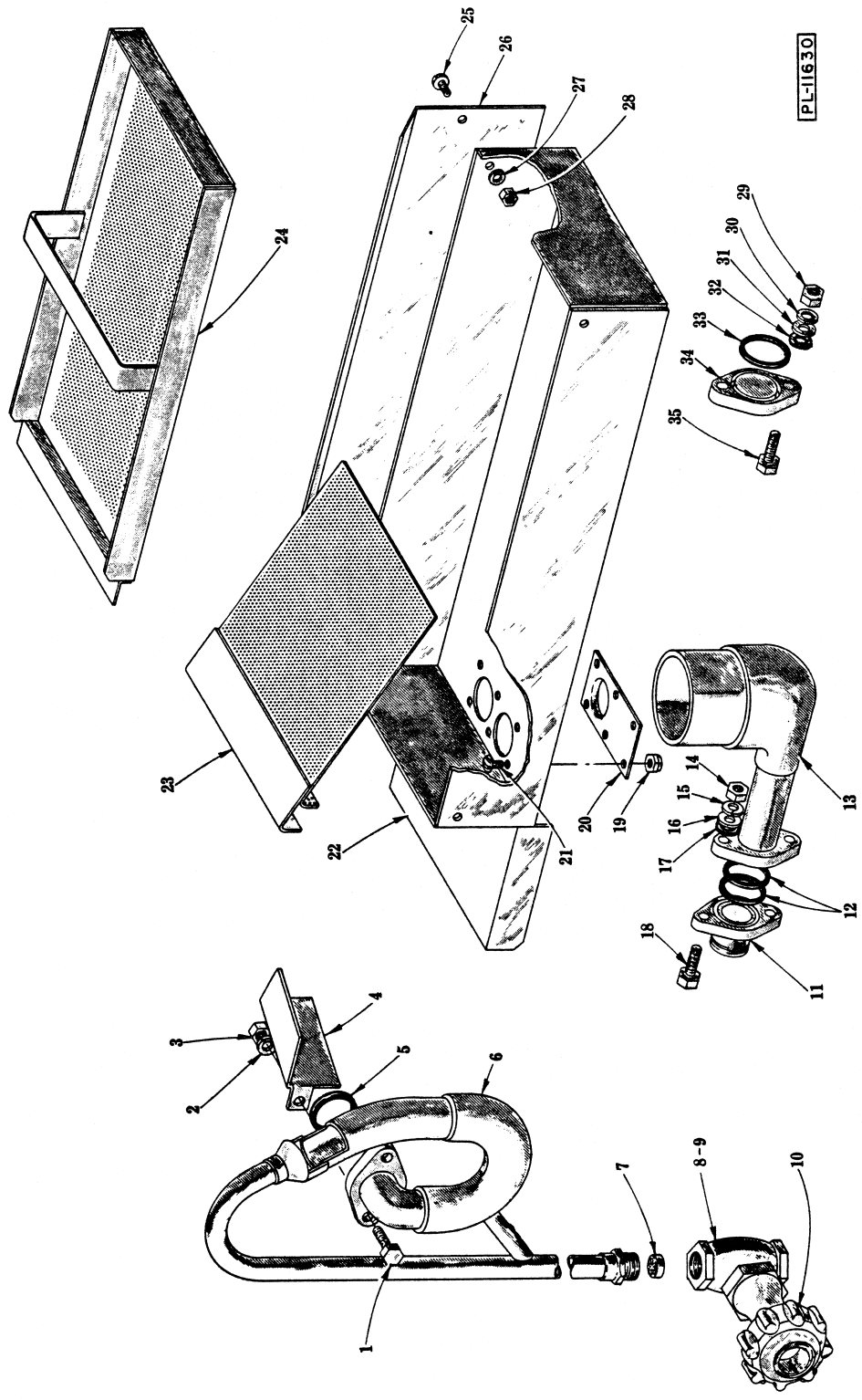
ILLUS. PL-11628	PART NO.	NAME OF PART	AMT.
1	M-11559	Pin - Crank Arm	1
2	P-77288	Connecting Rod End & Bearing Assy. (Incls. item #3)	1
3	M-77282	Bearing - Sleeve	1
4	P-11800-63	Dowel	2
5	P-11605	Arm - Connecting Rod End Crank	1
6	SC-36-27	Fin. Bolt - 5/16"-18 x 1" Hex Hd.	2
7	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
8	NS-15-6	Full Nut - 1/4"-28 Hex Fin.	1
9	WS-3-25	Washer	1
10	M-16284-1	Shim - Crank Arm (.030" Thk.)	As Reqd.
11	M-16284-3	Shim - Crank Arm (.120" Thk.)	As Reqd.
12	PT-3-73	Taper Pin - #6 x 1-3/4" Lg.	1
13	P-11571	Arm - Reducer End Crank	1
14	V-5233	Pin - Wedge	1
15	NS-13-22	Full Nut - 3/8"-16 Hex Fin.	3
16	WL-4-2	Lock Washer - 3/8" x .136" x .070"	3
17	WS-6-20	Washer	3
18	R-80372	Lower Connecting Rod Assy. (Incls. item #19)	1
19	V-20457	Bearing - Sleeve (Long)	1
20	RR-4-18	Retaining Ring	2
21	M-75946	Pin - Bearing	1
22	V-20456	Bearing - Sleeve (Short)	2
23	V-11557	Screw - Spring Adjusting	1
24	WS-8-20	Washer	1
25	P-77287	Lower Oscillating Arm & Bearing Assy. (Incls. item #22)	1
26	P-11574	Equalizer - Spring	1
27	M-13709-1	Spring - Oscillating Arm	2
28	V-11556	Pin - Spring Equalizer Bearing	1
29	V-11554	Pin - Pivot	2
30	WS-11-46	Washer (Spacing)	As Reqd.
31	M-77281	Bearing - Sleeve	2
32	SC-41-13	Fin. Bolt - 5/16"-18 x 1" Hex Hd.	8
33	WL-6-22	Lock Washer - 5/16" x .117" x .056"	8
34	P-77286	Pivot Shaft Support & Bearing Assy. (Incls. item #31)	2
35	P-82215-1	Shim (.010" Thk.)	As Reqd.
36	P-82215-2	Shim (.015" Thk.)	As Reqd.
37	P-82215-3	Shim (.025" Thk.)	As Reqd.
38	V-11550	Shaft - Spring Retaining	1
39	RR-4-18	Retaining Ring	2
40	M-75946	Pin - Bearing	1
41	V-20456	Bearing - Sleeve (Short)	2
42	R-77263	Upper Oscillating Arm & Bearing Assy. (Incls. items #29, 38 & 41)	1
43	P-79073	Upper Connecting Bar & Bearing Assy.	1
44	M-79082	Pin - Connecting Bar	1
45	PC-5-18	Cotter Pin - 1/8" x 1"	2
46	P-79310	Connecting Bar Retainer & Bushing Assy. (Incls. item #47)	1
47	V-20456	Bearing - Sleeve (Short)	2
48	WS-17-21	Washer	4
49	WL-6-22	Lock Washer - 5/16" x .117" x .056"	4
50	SC-41-10	Fin. Bolt - 5/16"-18 x 5/8" Hex. Hd.	4
51	NS-31-15	Stop Nut - #10-24 "Elastic"	4
52	WS-19-19	Washer	4
53	P-77586	Connecting Bar Splash Cover Assy.	1
54	M-77592	Gasket - Connecting Bar Splash Cover	1
55	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd.	4



CRADLE AND TRACKS

CRADLE AND TRACKS

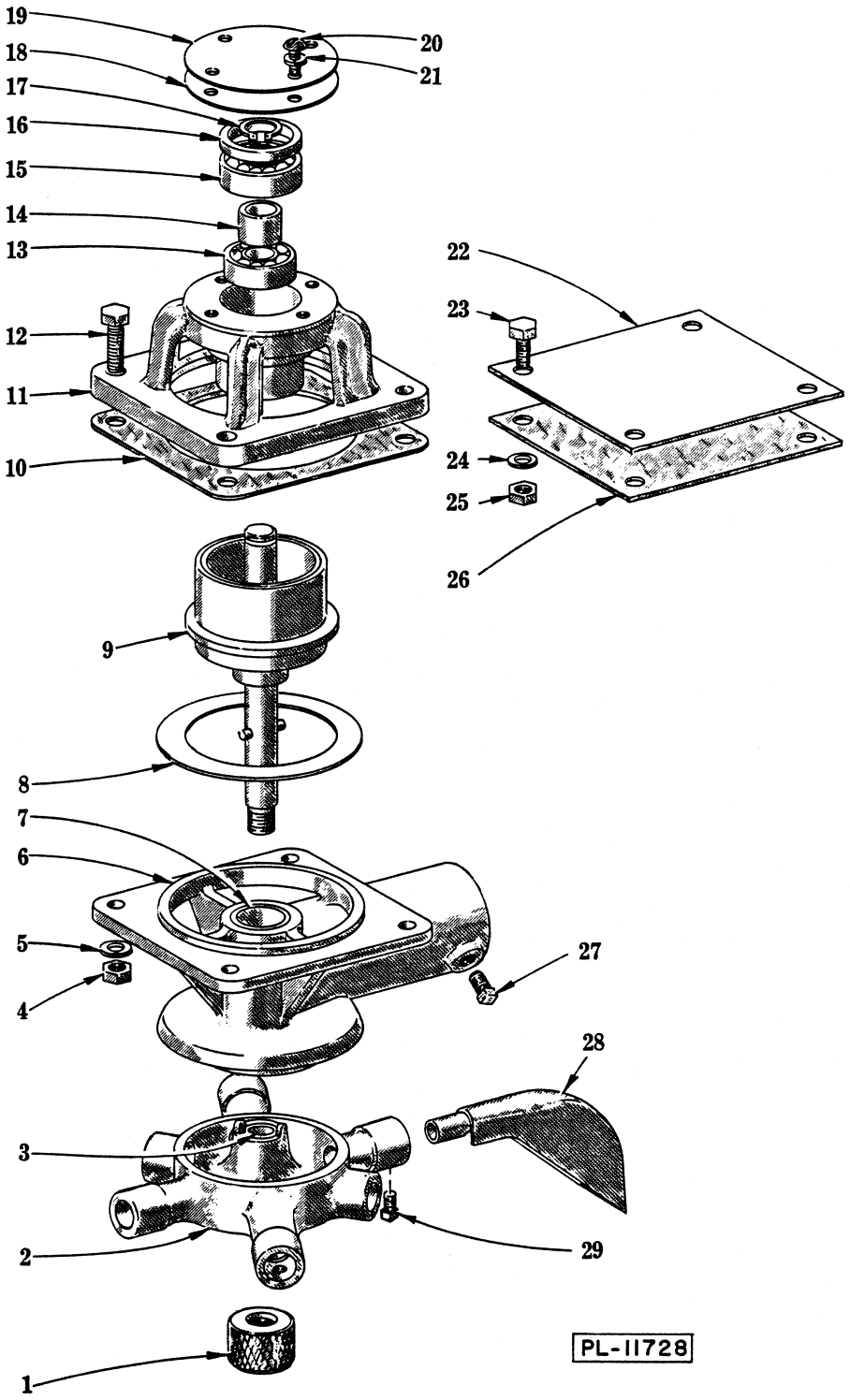
ILLUS. PL-11629	PART NO.	NAME OF PART	AMT.
1	M-79078	Stop - Rinse End Dog	2
2	S-80165	Side Rod Assy. (STL)	2
3	S-80168	Side Rod Assy. (SST)	2
4	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	4
5	WL-6-22	Lock Washer - 5/16" x .117" x .056"	4
6	R-79141	Deflector - Cradle End Water	2
7	SC-41-10	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	4
8	R-80095	Track Assy. (Front & Rear)	2
9	NS-15-13	Full Nut - 3/8"-16 Hex Fin.	4
10	WL-6-27	Lock Washer - 3/8" x .136" x .070"	4
11	WS-6-27	Washer	4
12	A-103833-1	Shim - Rack Track (.1046" thk.)	As Reqd.
13	A-103833-2	Shim - Rack Track (.0598" thk.)	As Reqd.
14	WS-6-27	Washer	4
15	SC-41-31	Fin. Bolt - 3/8"-16 x 1-1/4" Hex Hd.	4
16	P-79262	Bracket - Rack Track	4
17	SC-41-12	Fin. Bolt - 5/16"-18 x 7/8" Hex Hd.	12
18	WL-6-22	Lock Washer - 5/16" x .117" x .056"	12
19	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	12
20	S-79059	Cradle End Assy. (STL)	2
21	S-79056	Cradle End Assy. (SST)	2
22	M-79079	Stop - Entrance End Dog	2
23	WL-6-27	Lock Washer - 3/8" x .136" x .070"	8
24	SC-41-32	Fin. Bolt - 3/8"-16 x 1-1/2" Hex Hd.	8
25	SC-41-15	Fin. Bolt - 5/16"-18 x 1-1/4" Hex Hd.	4
26	V-11545	Support - Suspension Strip	8
27	M-22851	Spacer (STL)	4
28	M-65706	Spacer (SST)	4
29	NS-32-14	Stop Nut - 5/16"-18 "Flexloc"	4
30	WL-6-16	Lock Washer - 1/4" x .107" x .047"	4
31	NS-15-1	Full Nut - 1/4"-20 Hex Fin.	4
32	SC-21-44	Mach. Screw - 1/4"-20 x 1-1/2" Rd. Hd.	4
33	P-11564-10	Strip - Cradle Suspension	4
34	SC-41-11	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	4
35	V-11545	Support - Suspension Strip	8
36	NS-32-14	Stop Nut - 5/16"-18 "Flexloc"	4
37	P-79162	Hanger - Cradle Suspension Strip	4
38	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	8
39	WL-6-22	Lock Washer - 5/16" x .117" x .056"	8
40	SC-53-16	Mach. Screw - 5/16"-18 x 5/8" Truss Hd.	8
41	V-11610	Bolt - Dog Anchor	8
42	M-61115	Dog	8
43	NS-15-13	Full Nut - 3/8"-16 Hex Fin.	8
44	WL-6-27	Lock Washer - 3/8" x .136" x .070"	8



FILL AND RINSE DRAIN-OFF

FILL AND RINSE DRAIN-OFF

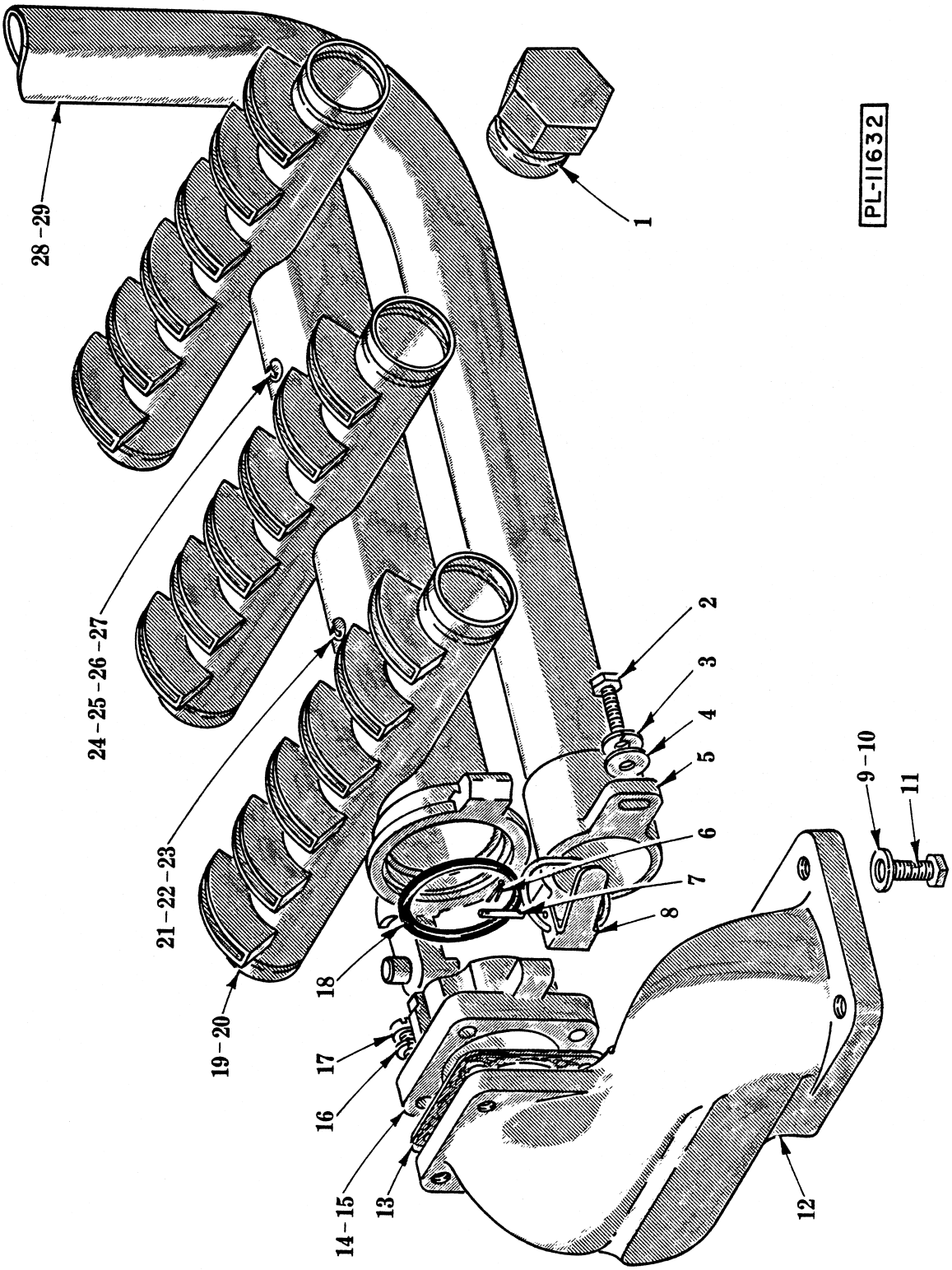
ILLUS. PL-11630	PART NO.	NAME OF PART	AMT.
1	SC-41-13	Fin. Bolt - 5/16"-18 x 1" Hex Hd.	2
2	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
3	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
4	P-79006	Deflector - Inside	1
5	R-67500-12	"O" Ring	1
6	R-89448	L.H. Fill Piping Sub-Assy.	1
7	M-60566	Spring - Anti-Splash	1
8	M-65545	Valve - 1/2" Globe (Incls. item #9)	1
9	FP-9-7	Disc - 1/2" Valve	1
10	P-70149-3	Handle - Valve	1
11	P-63262-4	Flange & Nipple Assy.	1
12	R-67500-12	"O" Ring	2
13	P-79190	Rinse Drain-Off Piping Assy.	1
14	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
15	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
16	WS-17-21	Washer	2
17	508454	Sealer (1/8" Rd.)	As Reqd.
18	SC-41-15	Fin. Bolt - 5/16"-18 x 1-1/4" Hex Hd.	2
19	NS-31-15	Stop Nut - #10-24 "Elastic"	6
20	P-80137	Plate - Rinse Drain-Off Pan	1
21	SC-53-5	Mach. Screw - #10-24 x 3/8" Truss Hd.	6
22	S-80138	Rinse Drain-Off Pan & Support Sub-Assy.	1
23	R-80143	Rinse Drain-Off Pan Strainer & Support Assy.	1
24	R-80022	Strainer Pan & Handle Assy.	5
25	SC-53-5	Mach. Screw - #10-24 x 3/8" Truss Hd.	2
26	R-79035	Baffle - Rinse Drain-Off Pan Side	1
27	WL-6-6	Lock Washer - #10 x .055" x .040"	2
28	NS-11-18	Mach. Nut - #10-24 Hex	2
29	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
30	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
31	WS-17-21	Washer	2
32	508454	Sealer (1/8" Rd.)	As Reqd.
33	R-67500-13	"O" Ring	1
34	M-64515-1	Flange	1
35	SC-41-12	Fin. Bolt - 5/16"-18 x 7/8" Hex Hd.	2
	S-89449	L.H. Fill Piping Assy. (Incls. items #6, 7, 8 & 10)	1



UPPER WASH UNIT

UPPER WASH UNIT

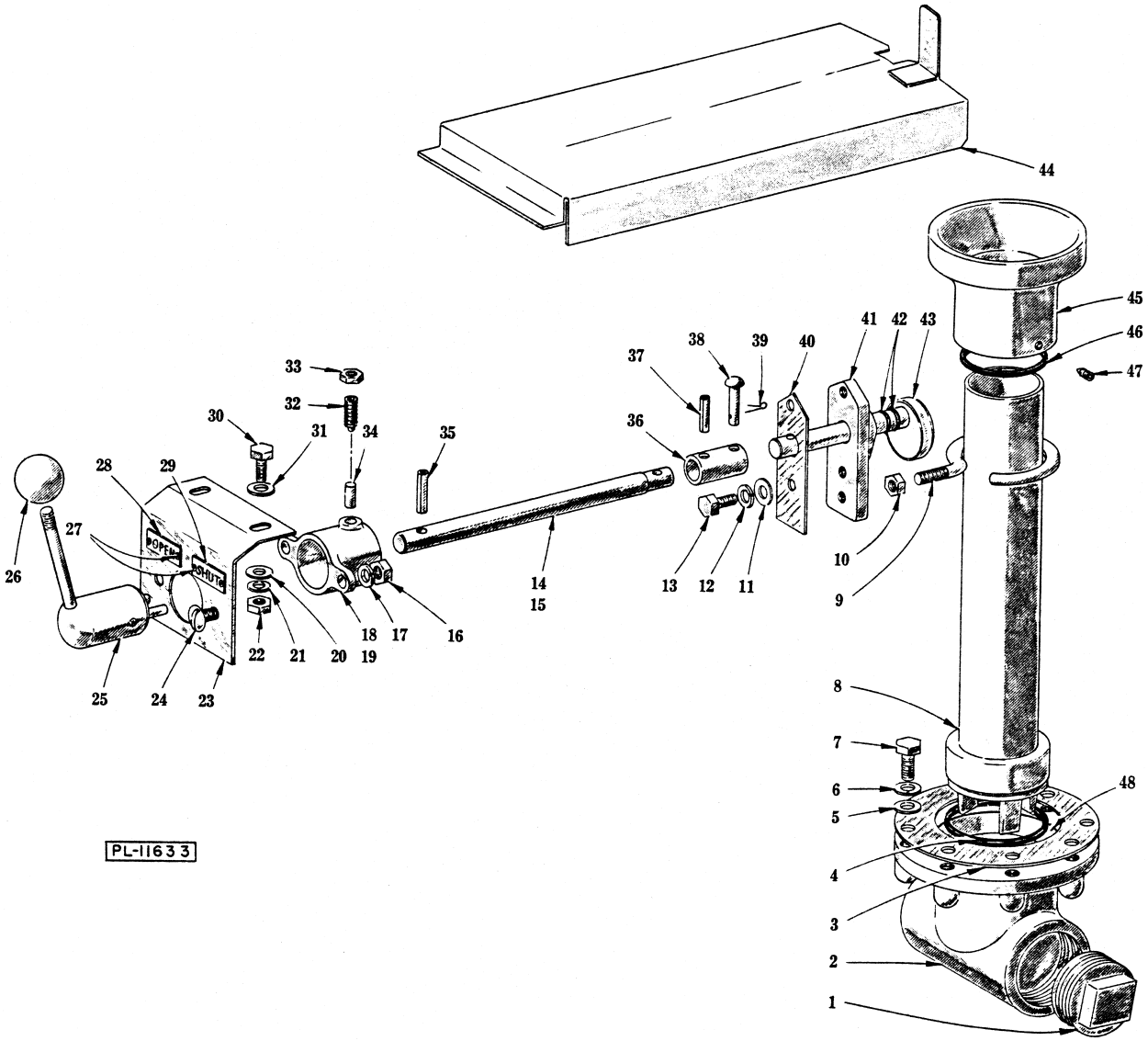
ILLUS. PL-11728	PART NO.	NAME OF PART	AMT.
1	M-79153	Knob - Hand	1
2	P-79515	Hub & Bushing Sub-Assy. (Incls. item #3)	1
3	M-79250	Bushing - Upper Wash Arm Hub	1
4	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	4
5	WL-6-22	Lock Washer - 5/16" x .117" x .056"	4
6	R-79193	Upper Wash Ell & Bushing Assy. (Incls. item #7)	1
7	M-85139	Sleeve - Wash Ell	1
8	M-9984	Plate - Baffle	1
9	P-79151	Oil Reservoir & Shaft Assy.	1
10	P-9977	Gasket - Upper Wash Ell	1
11	R-79123	Housing - Bearing	1
12	SC-41-15	Fin. Bolt - 5/16"-18 x 1-1/4" Hex Hd.	4
13	BB-5-55	Ball Bearing - Hoover #202 (Lower)	1
14	V-9904	Spacer - Ball Bearing	1
15	BB-5-53	Ball Bearing - Hoover #302 (Upper)	1
16	M-79167	Spacer - Upper Bearing	1
17	RR-7-12	Retaining Ring	1
18	M-9959	Gasket - Cover	1
19	M-79166	Cover - Bearing Housing	1
20	SC-21-22	Mach. Screw - #10-24 x 3/8" Rd. Hd.	4
21	WL-6-6	Lock Washer - #10 x .055" x .040"	4
22	P-79160	Cover - Bearing Housing Adapter	2
23	SC-41-10	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	4
24	WL-6-22	Lock Washer - 5/16" x .117" x .056"	4
25	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	4
26	P-79161	Gasket - Bearing Housing Adapter Cover	1
27	SC-50-6	Set Screw - 5/16"-18 x 1/2" Sq. Hd., Cup Pt.	2
28	P-79268	Deflector & Nozzle Sub-Assy.	6
29	SC-50-25	Set Screw - 1/4"-20 x 5/16" Sq. Hd., Cup Pt.	6
	S-79270	Upper Wash Arm Assy. (Incls. items #2, 28 & 29)	1
	R-79269	Upper Wash Arm Bearing Housing Assy. (Incls. items #9, 11, 13, 14, 15, 16, 17, 18, 19, 20 & 21)	1



LOWER WASH UNIT

LOWER WASH UNIT

ILLUS. PL-11632	PART NO.	NAME OF PART	AMT.
1	B-106769	End Cap - Hex	6
2	SC-41-30	Fin. Bolt - 3/8"-16 x 1" Hex Hd.	2
3	WL-6-27	Lock Washer - 3/8" x .136" x .070"	2
4	WS-18-4	Washer	2
5	R-79142	Collar - Upper Wash Pipe Adj.	1
6	PC-5-25	Cotter Pin - 1/32" x 1/2"	2
7	M-83076	Pin - Bracket	1
8	P-83714	Lever Bracket & Clamp Assy.	1
9	508458	Sealer (1/8" Rd.)	As Reqd.
10	WS-6-44	Washer	4
11	SC-41-32	Fin. Bolt - 3/8"-16 x 1-1/2" Hex Hd.	4
12	S-78839	Discharge Casting	1
13	B-107477	Gasket - Hinge Casting	1
14	R-83084-5	Hinge - Lower Discharge Connect. (1-5/32" I.D.) (Standard Pressure)	1
15	R-83084-3	Hinge - Lower Discharge Connect. (1" I.D.) (Low Pressure)	1
16	WL-6-29	Lock Washer - 3/8" x .078" x .125"	4
17	SC-24-22	Mach. Screw - 3/8"-16 x 7/8" Fil. Hd.	4
18	R-67500-49	"O" Ring	1
19	D-106778	Lower Wash Arm Sub-Assy. (Incls. items #21 thru 26) (Standard Pressure)	1
20	D-106776	Lower Wash Arm Sub-Assy. (Incls. items #21, 22, 23, 24, 25 & 27) (Low Pressure)	1
21	P-61521	Baffle - Lower Wash Pipe	1
22	SC-21-37	Mach. Screw - 1/4"-20 x 3/8" Rd. Hd.	1
23	WL-13-14	Lock Washer - 1/4" Int. Shakeproof	1
24	SC-21-37	Mach. Screw - 1/4"-20 x 3/8" Rd. Hd.	1
25	WL-13-14	Lock Washer - 1/4" Int. Shakeproof	1
26	NS-15-1	Full Nut - 1/4"-20 Hex Fin. (Standard Pressure)	1
27	P-61521	Baffle - Lower Wash Pipe (Low Pressure)	1
28	S-79165	Pipe - Upper Wash	1
29	R-67500-19	"O" Ring	2
	D-106929	Lower Wash Arm & Cap Assy. (Incls. items #1, 18 & 19) (Standard Pressure)	1
	D-106926	Lower Wash Arm & Cap Assy. (Incls. items #1, 18 & 20) (Low Pressure)	1

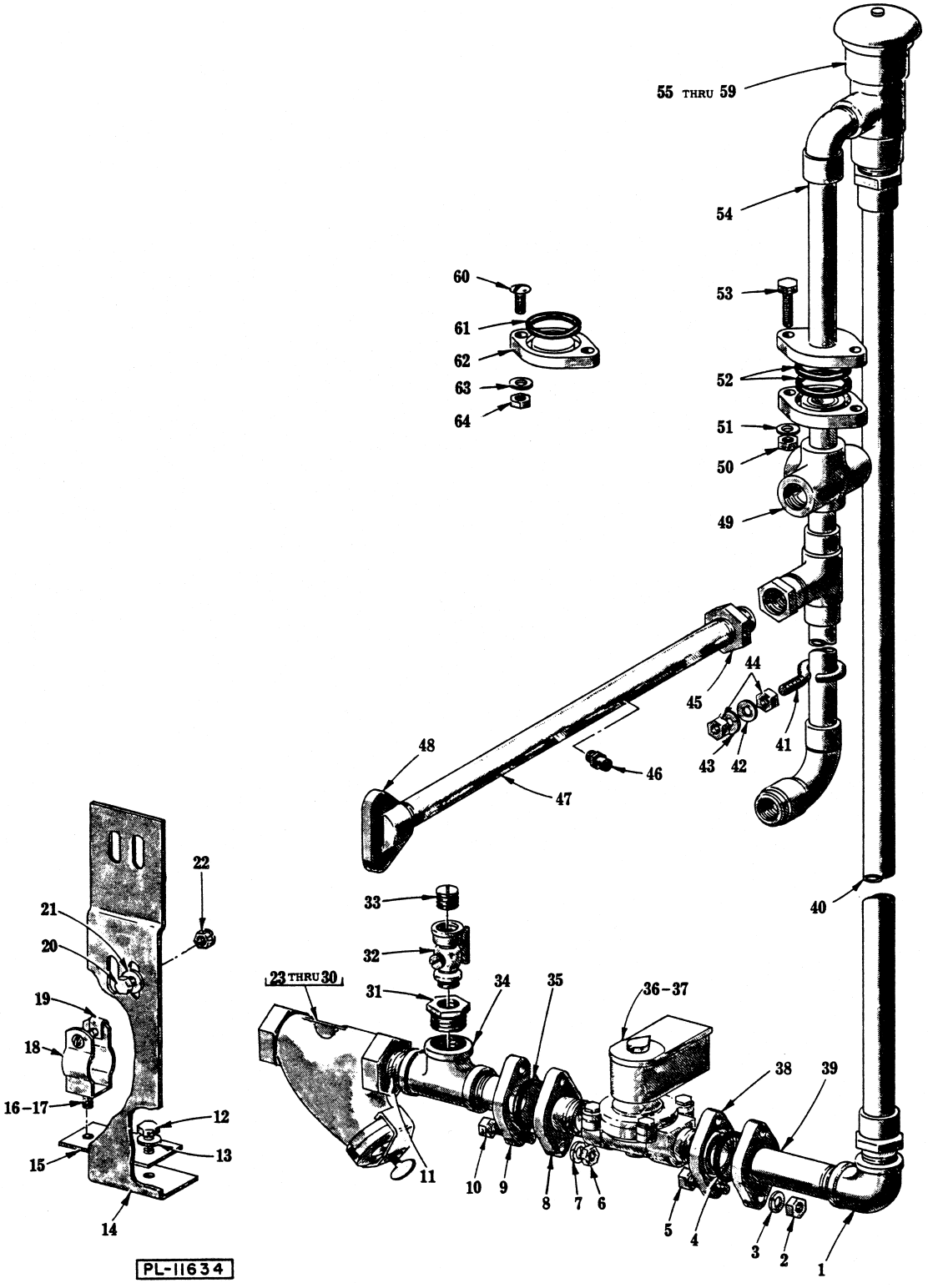


DRAIN UNIT

DRAIN UNIT

ILLUS. PL-11633	PART NO.	NAME OF PART	AMT.
1	FP-28-32	Plug - 2" Sq. Hd. Pipe	1
2	A-107164	Drain Valve Body & Sleeve Assy. (Incls. item #48)	1
3	M-12077	Gasket - Drain Valve	1
4	R-67500-16	"O" Ring	1
5	WS-6-44	Washer	8
6	WL-6-27	Lock Washer - 3/8" x .136" x .070"	8
7	SC-41-28	Fin. Bolt - 3/8"-16 x 3/4" Hex Hd.	8
8	M-74951	Overflow Pipe, Drain Plug & "O" Ring Sub-Assy. (Incls. item #4)	1
9	M-74045	Support - Drain Pipe	1
10	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	1
11	WS-17-21	Washer	2
12	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
13	SC-41-10	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	2
14	P-74080	Shaft - Drain Lift Handle	1
*15	B-102049	Shaft - Drain Lift Handle	1
16	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
17	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
18	P-74082	Bearing - Drain Lift Hub	1
*19	P-83706	Bearing - Drain Lift Hub	1
20	WS-17-21	Washer	2
21	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
22	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
23	R-74115	Bracket - Drain Lift	1
24	SC-53-17	Mach. Screw - 5/16"-18 x 3/4" Truss Hd.	2
25	M-74054	Handle & Drain Lift Hub Sub-Assy.	1
26	M-60468	Knob	1
27	SC-7-8	Mach. Screw - #4-40 x 1/4" Rd. Hd.	4
28	M-74623	Plate - Identification (Open)	1
29	M-74622	Plate - Identification (Shut)	1
30	SC-41-11	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	2
31	WS-17-21	Washer	2
*32	M-87297	Drain Shaft Lock Assy. (3/8")	1
*33	NS-18-14	Jam Nut - 3/8"-16 Hex Fin.	1
34	P-11800-249	Dowel	1
35	RP-2-3	Rollpin - 3/16" Dia. x 1-1/4" Lg.	1
36	M-74052	Coupling - Drain Shaft	1
37	RP-2-10	Rollpin - 3/16" Dia. x 1" Lg.	1
38	M-74053	Pin - Coupling	1
39	PC-4-7	Cotter Pin - 1/16" x 5/8"	1
40	M-74044	Gasket - Drain Support Bracket	1
41	P-74088	Bracket - Drain Support	1
42	R-67500-6	"O" Ring	2
43	P-74077	Drain Lift & Shaft Assy.	1
44	S-79216-1	Overflow Cover & Stop Sub-Assy.	1
45	M-88263	Drain Overflow & "O" Ring Sub-Assy. (Incls. items #46 & 47)	1
46	R-67500-22	"O" Ring	1
47	SC-55-28	Set Screw - #10-24 x 3/8" Soc. Hdls., Cone Pt.	3
48	C-106283	Sleeve - Drain Valve Body	1
	*C-108850	Drain Lift Bracket Assy. (Incls. items #16, 17, 19, 23, 24, 27, 28, 29, 32 & 33)	1

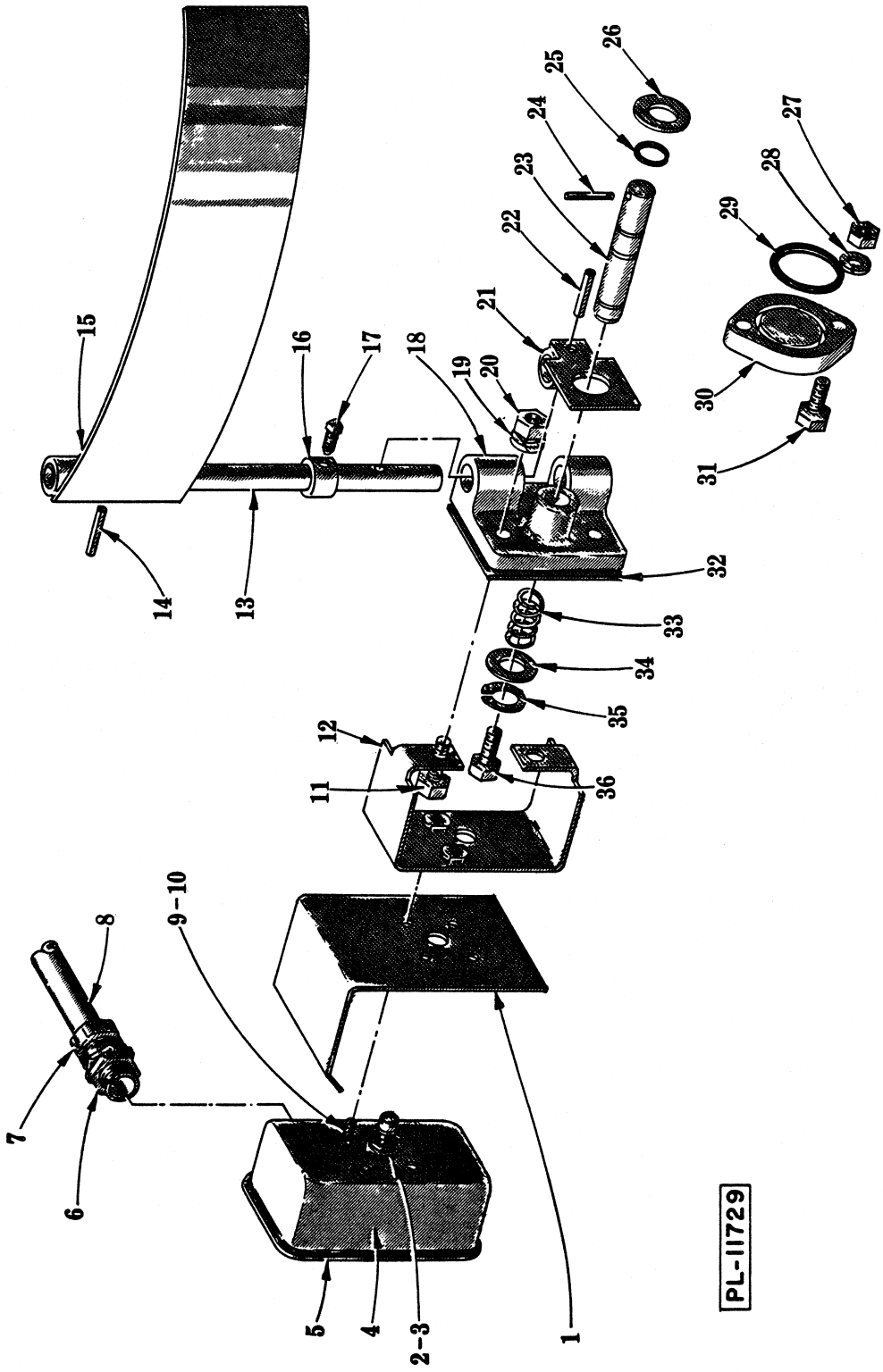
*Used with Auto-Fill Machine Only.



RINSE PIPING UNIT

RINSE PIPING UNIT

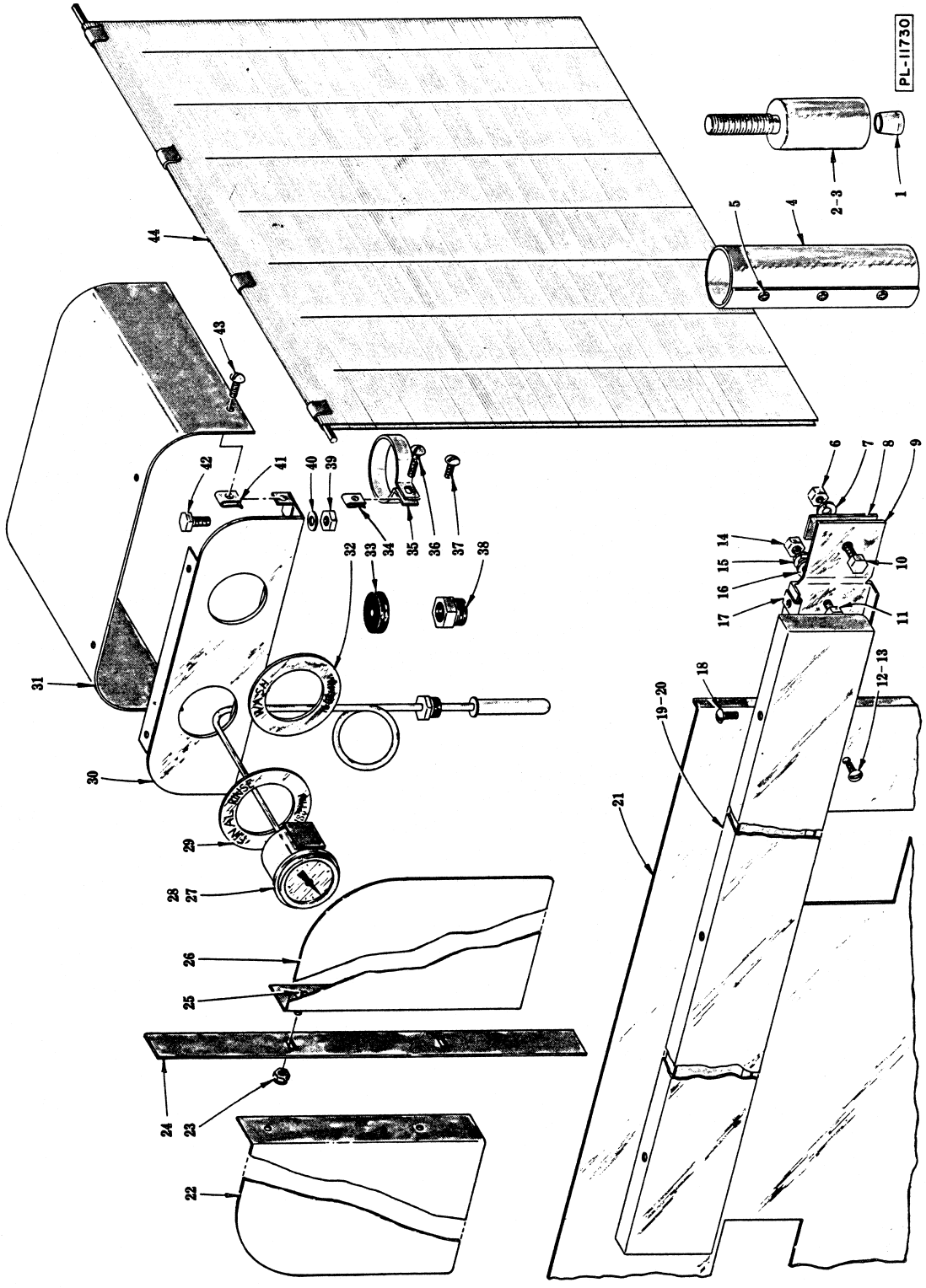
ILLUS. PL-11634	PART NO.	NAME OF PART	AMT.
1	FP-15-23	Elbow - 3/4" x 90°	1
2	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
3	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
4	R-67500-12	"O" Ring	1
5	SC-41-14	Fin. Bolt - 5/16"-18 x 1-1/8" Hex Hd.	2
6	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
7	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
8	P-63262-4	Flange & Nipple Assy.	1
9	P-63262-6	Flange & Nipple Assy.	1
10	SC-41-14	Fin. Bolt - 5/16"-18 x 1-1/8" Hex Hd.	2
11	FP-41-51	Nipple - 3/4" x 1-1/2" Lg. (T.B.E.)	1
12	SC-36-24	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	1
13	WL-3-43	Lock Washer - 5/16" x .117" x .056"	1
14	P-80761	Outside Rinse Piping Bracket Sub-Assy.	1
15	P-80760	Outside Rinse Piping Support Sub-Assy.	1
16	SC-8-68	Mach. Screw - 1/4"-20 x 1/2" Rd. Hd.	1
17	WL-3-36	Lock Washer - 1/4" x .107" x .047"	1
18	M-64901	Hanger - Cable (Size 1)	1
19	M-74348	Speed Nut - #10-24	1
20	SC-41-11	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	1
21	WS-17-9	Washer	1
22	NS-32-35	Stop Nut - 5/16"-18 "Flexloc"	1
23	M-82228	Line Strainer (3/4") (Cast Iron) (Incls. items #25, 26, 28, 29 & 30)	1
24	A-102516	Line Strainer (3/4") (Brass) (Incls. items #25, 27, 28, 29 & 30)	1
25	M-82231	Screen (3/4" Line Strainer)	1
26	M-82234	Plate - Seal (3/4" Line Strainer) (Use with item #23)	1
27	A-102517	Plate - Seal (3/4" Line Strainer) (Use with item #24)	1
28	M-82236	Clamp (3/4" Line Strainer)	1
29	M-82238	Thumb Screw	1
30	R-67500-59	"O" Ring (3/4" Line Strainer)	1
31	FP-27-15	Bushing - 3/4" to 1/4" Reducing	1
32	P-86218	Petcock - 1/4"	1
33	FP-28-46	Plug - 1/4" Pipe (Slotted)	1
34	FP-19-28	Tee - 3/4"	1
35	R-67500-12	"O" Ring	1
36	M-89445-1	Valve - 3/4" Solenoid (115 V., 50/60 Hz.) (Pilot Circuit)	1
37	M-89445-2	Valve - 3/4" Solenoid (208-240 V., 50/60 Hz.)	1
38	P-63262-4	Flange & Nipple Assy.	1
39	P-63262-10	Flange & Nipple Assy.	1
40	P-79188	Tube Sub-Assy. (Vacuum Breaker to Solenoid)	1
41	M-79181	Eyebolt	1
42	WS-17-21	Washer	1
43	WL-6-22	Lock Washer - 5/16" x .117" x .056"	1
44	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
45	FP-30-27	Lock Nut - 1/2" Pipe	2
46	M-22731-2	Nozzle - Rinse	10
47	R-79792	Arm - Rinse	2
48	P-66246	Cap - Rinse Arm	2
49	R-79191	Inside Rinse Piping Assy. (Incls. item #41)	1
50	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
51	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
52	R-67500-12	"O" Ring	2
53	SC-41-15	Fin. Bolt - 5/16"-18 x 1-1/4" Hex Hd.	2
54	P-79187	Tube Sub-Assy. (Inside Rinse to Vacuum Breaker)	1
55	M-74338	Vacuum Breaker - 3/4" (Incls. items #56, 57, 58 & 59)	1
56	M-74340	"O" Ring - Vacuum Breaker	1
57	M-74341	Float - Vacuum Breaker	1
58	M-74342	Collar - Vacuum Breaker	1
59	M-74339	Gasket - Vacuum Breaker	1
60	SC-53-18	Mach. Screw - 5/16"-18 x 7/8" Truss Hd.	2
61	R-67500-13	"O" Ring	1
62	M-64515-1	Flange	1
63	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
64	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
	M-74343	Vacuum Breaker Float & Seal Sub-Assy. (Incls. items # 56, 57, 58 & 59)	1
	R-81544	Rinse Arm Assy. (Incls. items #45, 46, 47 & 48)	2



RINSE OPERATING MECHANISM

RINSE OPERATING MECHANISM

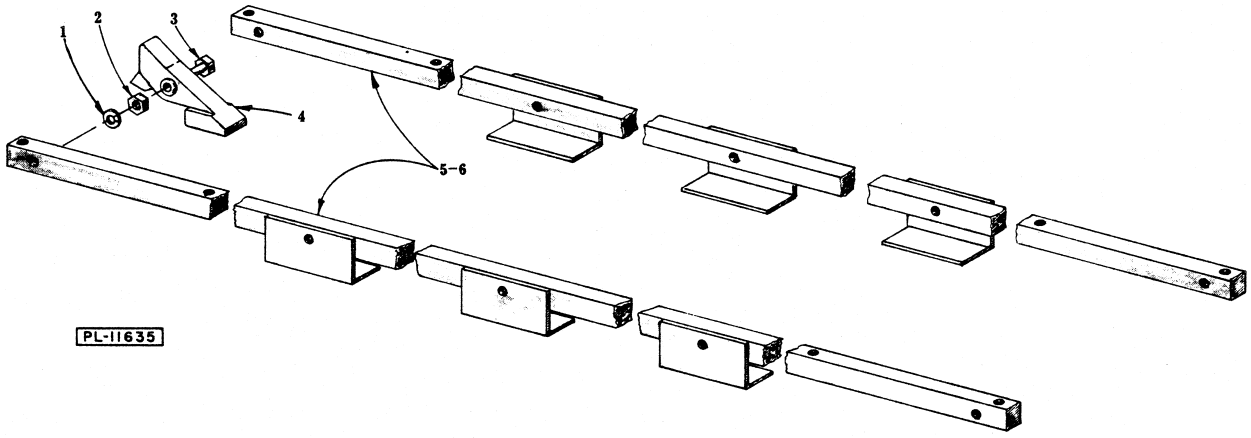
ILLUS. PL-11729	PART NO.	NAME OF PART	AMT.
1	R-79033	Cover - Splash	1
2	P-87711-68-1	Switch - Final Rinse (N.C.)	1
3	C-113919	Insulator - Interlock Switch	1
4	FE-3-19	Box - Junction	1
5	FE-4-24	Cover - Junction Box	1
6	FE-6-7	Lock Nut - 1/2" Cnd.	3
7	FE-6-49	Connector - 1/2" Strain Relief	2
8	P-80221	Cable (Final Rinse to Switch)	1
9	SC-8-10	Mach. Screw - #10-24 x 1/2" Rd. Hd.	2
10	WL-3-20	Lock Washer - #10 x .055" x .040"	2
11	SC-41-13	Fin. Bolt - 5/16"-18 x 1" Hex Hd.	2
12	R-81990-1	Rinse Control Switch Bracket & Weld Nuts Assy.	1
13	M-79013	Shaft - Rinse Lever	1
14	PG-5-14	Groov-Pin - Type #3, 1/8" x 7/8"	1
15	P-79022	Rinse Lever & Hub Assy.	1
16	M-79017	Collar - Adjusting	1
17	SC-50-25	Set Screw - 1/4"-20 x 5/16" Sq. Hd., Cup Pt.	1
18	P-79021	Support - Rinse Lever	1
19	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
20	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
21	M-79015	Hub & Switch Operating Lever Assy.	1
22	PG-5-14	Groov-Pin - Type #3, 1/8" x 7/8"	1
23	M-79014	Shaft - Switch Operating	1
24	PG-5-14	Groov-Pin - Type #3, 1/8" x 7/8"	1
25	R-67500-44	"O" Ring	2
26	WS-8-43	Washer	1
27	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
28	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
29	R-67500-13	"O" Ring	1
30	M-64515-1	Flange	1
31	SC-41-12	Fin. Bolt - 5/16"-18 x 7/8" Hex Hd.	2
32	M-79020	Gasket - Rinse Lever Support	1
33	M-79218	Spring - Rinse Control Mechanism	1
34	WS-21-7	Washer	1
35	RR-7-11	Retaining Ring	1
36	SC-69-5	Mach. Screw - 1/4"-20 x 3/4" Hex Hd. "Nylok"	1



MISCELLANEOUS

MISCELLANEOUS

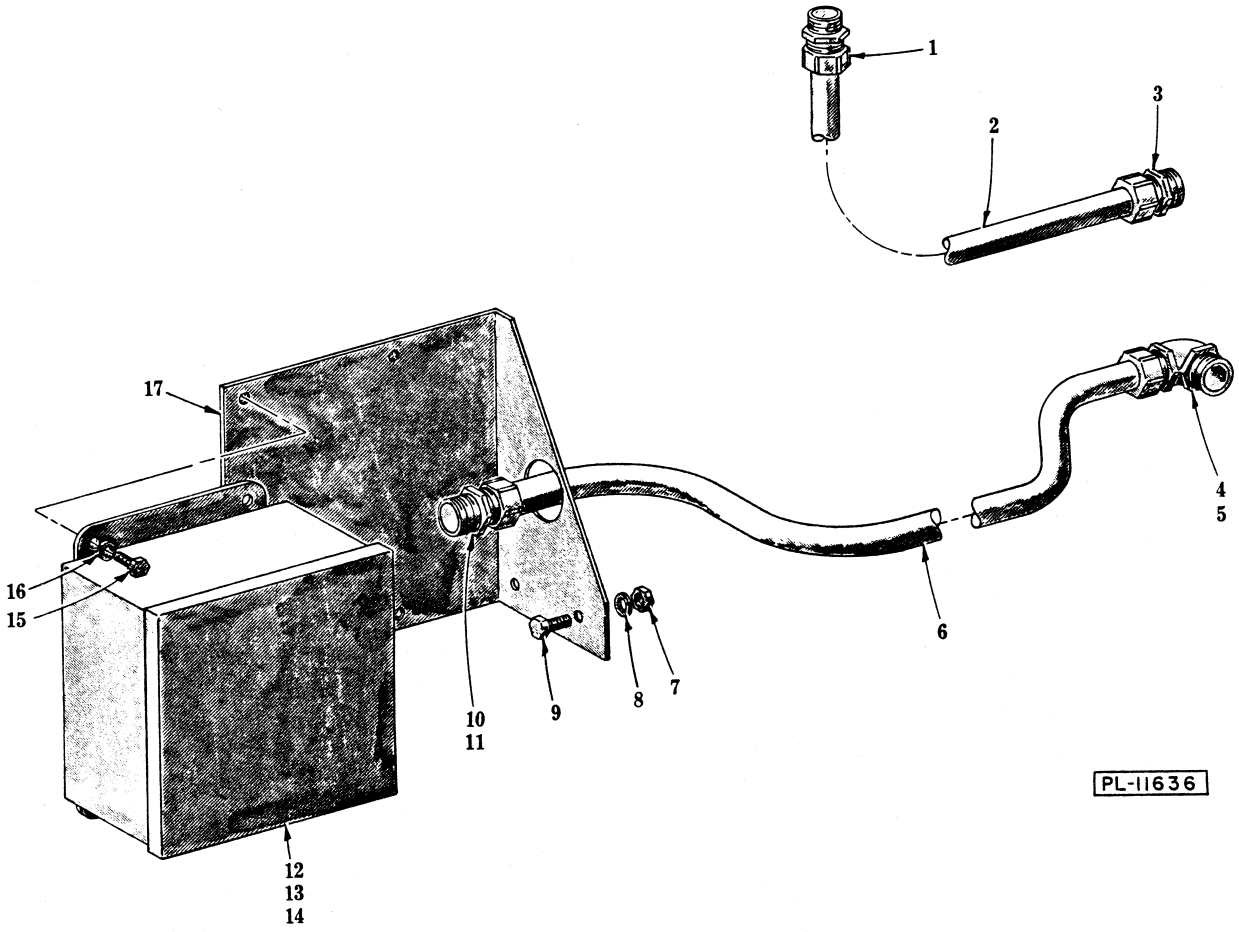
ILLUS. PL-11730	PART NO.	NAME OF PART	AMT.
1	M-71710	Plug - Foot	4
2	C-108821-1	Foot (STL)	4
3	C-108821-2	Foot (SST)	4
4	R-74584	Trim - Leg	As Reqd.
5	SD-7-15	Self-Tapping Screw - #6 x 3/16" Phil. Bind. Hd., Type B	As Reqd.
6	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	4
7	WL-6-22	Lock Washer - 5/16" x .117" x .056"	4
8	M-68911	Plate - Reinforcement	4
9	S-80105	Support - Upper Tank	2
10	SC-41-13	Fin. Bolt - 5/16"-18 x 1" Hex Hd.	4
11	SC-41-11	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	11
12	SC-53-5	Mach. Screw - #10-24 x 3/8" Truss Hd.	4
13	M-74398	Speed Nut - #10-24	4
14	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	11
15	WL-6-22	Lock Washer - 5/16" x .117" x .056"	11
16	WS-17-21	Washer	11
17	M-75895	Speed Nut - #10-24	6
18	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd.	6
19	R-80122	Panel - Front Trim	1
20	R-80123	Panel - Rear Trim	1
21	T-80415-1	Panel - Front	1
22	R-86576-1	Shield - Splash (L.H.)	1
23	NS-31-15	Stop Nut - #10-24 "Elastic"	4
24	P-86586	Support - Splash Shield	2
25	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd.	4
26	R-86576-2	Shield - Splash (R.H.)	1
27	M-86143-1	Thermometer (3 Ft.) (Final Rinse) (Less Nut)	1
28	M-86143-2	Thermometer (8 Ft.) (Wash) (Less Nut)	1
29	P-68173	Ring - Final Rinse Identification	1
30	R-85682	Thermometer Panel Assy.	1
31	S-85684	Housing - Thermometer	1
32	P-86300	Ring - Wash Identification	1
33	M-65028	Grommet	2
34	M-74348	Speed Nut - #10-24	1
35	P-74098	Clamp - Thermometer	1
36	SC-53-3	Mach. Screw - #10-24 x 3/4" Truss Hd.	1
37	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd. (Thermometer Tube to Tube Support)	1
38	A-107218	Coupling - Thermometer	1
39	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
40	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
41	M-74348	Speed Nut - #10-24	4
42	SC-41-10	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	2
43	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd.	4
44	S-79287	Curtain (18-C-1), Rod & Clip Assy.	3



SIDE ROD UNIT
(FOR 10" x 20", 14" x 20", 16" x 20" & STANDARD 20" x 20" RACKS)

ILLUS. PL-11635	PART NO.	NAME OF PART	AMT.
1	WL-6-27	Lock Washer - 3/8" x .136" x .070"	10
2	NS-15-13	Full Nut - 3/8"-16 Hex Fin.	10
3	V-11610	Bolt - Dog Anchor	10
4	M-61115	Dog	10
5	S-80171	Side Rod Assy. (STL)	2
6	S-80174	Side Rod Assy. (SST)	2

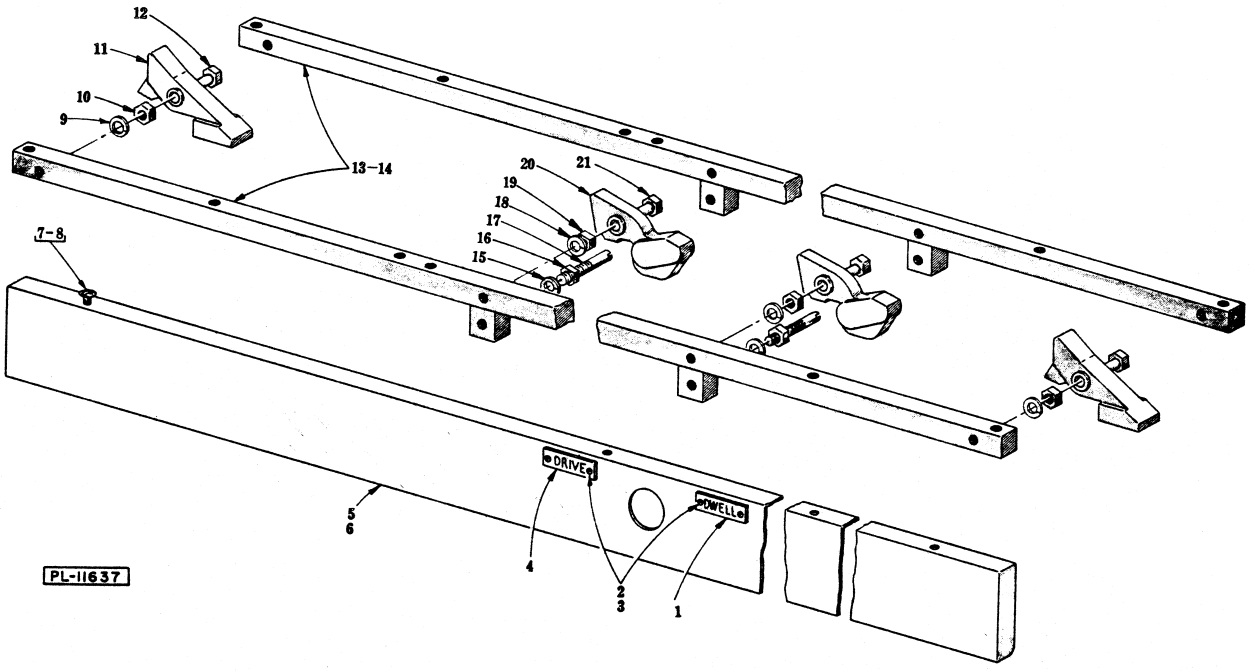
(This unit can NOT be used with Dwell Unit.)



LOW VOLTAGE PILOT CONTROL

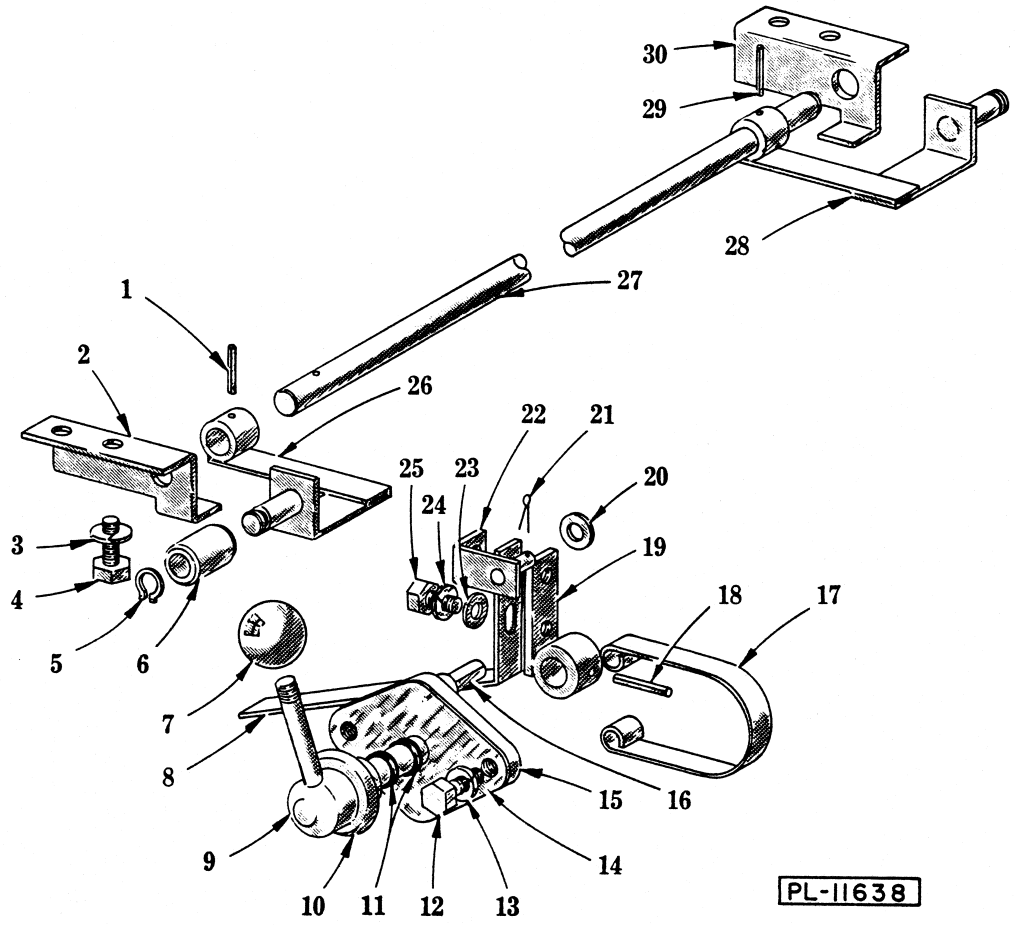
ILLUS. PL-11636	PART NO.	NAME OF PART	AMT.
*1	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
*2	P-82936	Conduit - 1/2" (Thinwall) (Heat Control Box to Motor Control Box)	1
*3	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
4	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
5	FE-8-10	1/2" Gasket Assy.	1
6	R-85402-2	Conduit - 1/2" (Thinwall) (Transformer Box to Motor Control Box)	1
7	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	2
8	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
9	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	2
10	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
11	FE-8-10	1/2" Gasket Assy.	1
12	R-85401	Box - Transformer	1
13	A-102728	Transformer Assy. (208 V., 220 V., 380 V., 440 V. to 115 V.)	1
14	FE-7-34	Fuse - Littelfuse Type 3AG (1-1/2 Amp.)	1
15	SC-36-2	Fin. Bolt - 1/4"-20 x 1/2" Hex Hd.	4
16	WL-3-36	Lock Washer - 1/4" x .107" x .047"	4
17	R-85400-2	Bracket - Transformer	1
	M-81341	Lug - Solderless (Mounted to center terminal on Motor Contactor)	1

*Electric Heat ONLY.



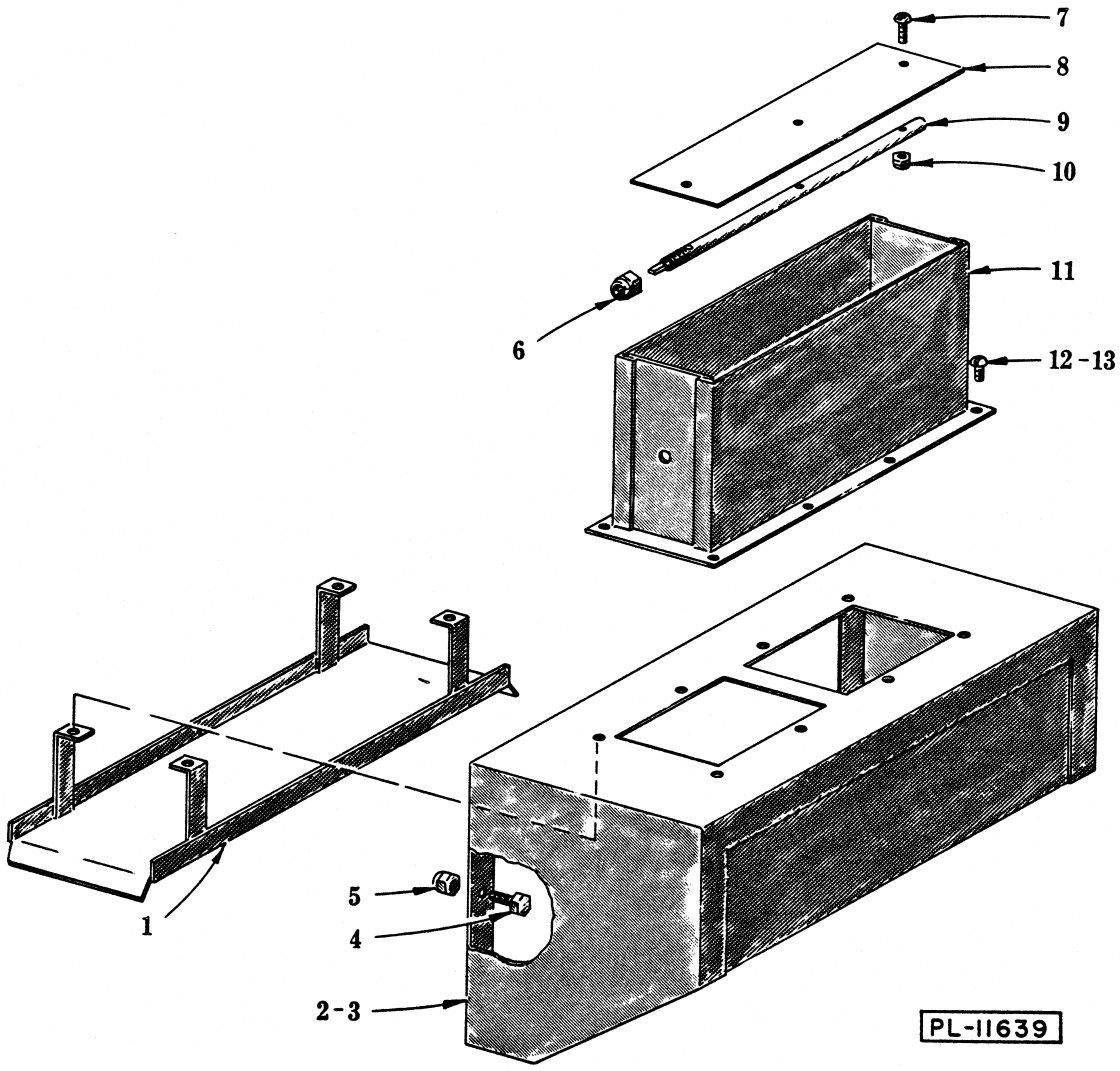
DWELL SIDE ROD AND TRIM UNIT

ILLUS. PL-11637	PART NO.	NAME OF PART	AMT.
1	M-79606	Plate - Identification (Dwell)	1
2	SC-21-3	Mach. Screw - #4-40 x 3/8" Rd. Hd.	4
3	M-72937	Speed Nut - #4-40	4
4	M-79607	Plate - Identification (Drive)	1
5	P-79608-5	Trim Panel & Plate Assy. (R. to L. Operation) (Incls. items #1, 2, 3 & 4)	1
6	P-79609-5	Trim Panel & Plate Assy. (L. to R. Operation) (Incls. items #1, 2, 3 & 4) (Not Shown)	1
7	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd.	3
8	M-75895	Speed Nut - #10-24	3
9	WL-6-27	Lock Washer - 3/8" x .136" x .070"	4
10	NS-15-13	Full Nut - 3/8"-16 Hex Fin.	4
11	M-61115	Dog	4
12	V-11610	Bolt - Dog Anchor	4
13	S-80162	Dwell Side Rod Assy. (STL)	2
14	S-80159	Dwell Side Rod Assy. (SST)	2
15	WL-6-27	Lock Washer - 3/8" x .136" x .070"	4
16	NS-15-13	Full Nut - 3/8"-16 Hex Fin.	4
17	V-19611-1	Pin - Dog Stop	4
18	WL-6-27	Lock Washer - 3/8" .136" x .070"	4
19	NS-15-13	Full Nut - 3/8"-16 Hex Fin.	4
20	M-15682	Dog	4
21	V-11610	Bolt - Dog Anchor	4



DWELL CONTROL UNIT

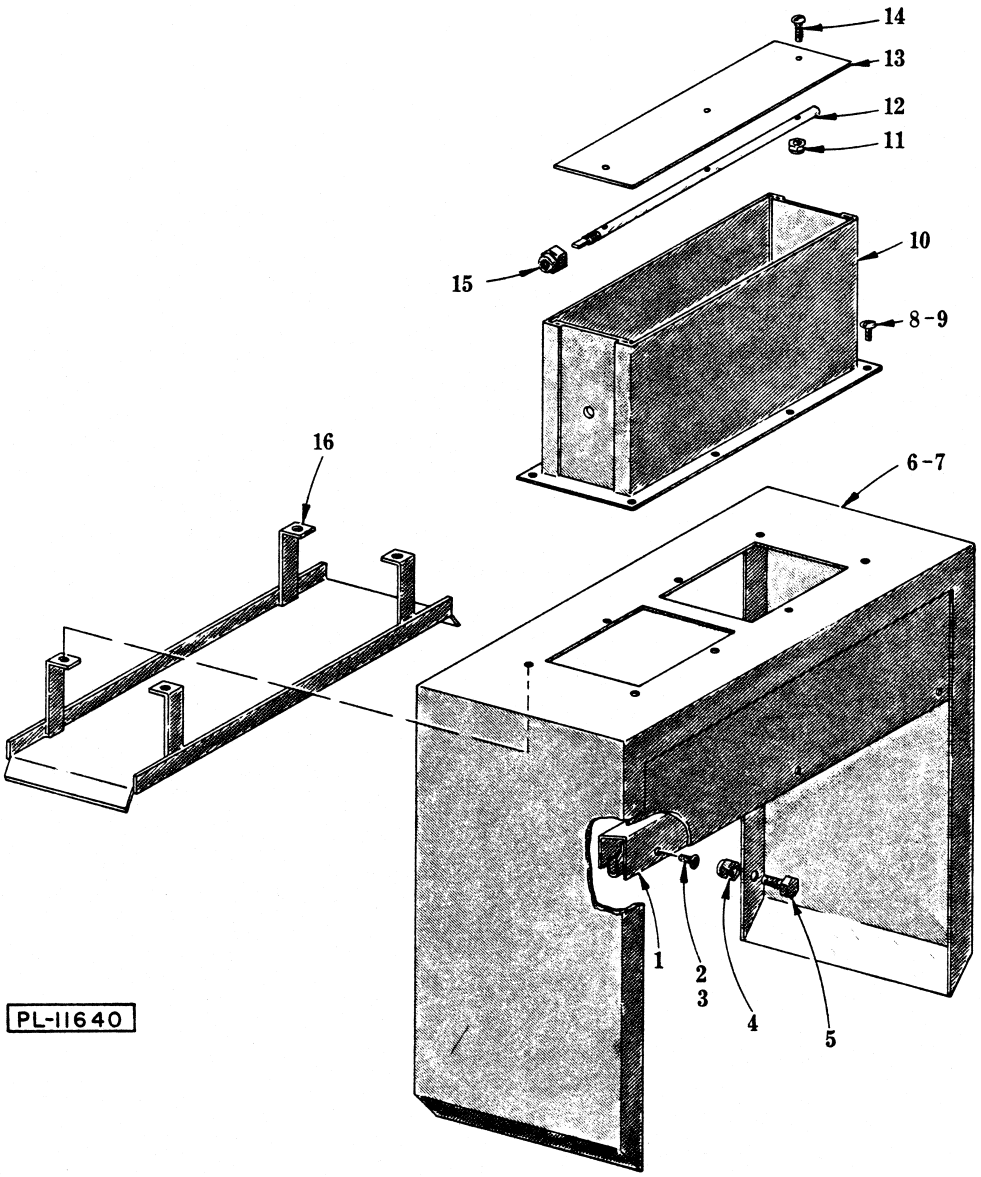
ILLUS. PL-11638	PART NO.	NAME OF PART	AMT.
1	RP-3-21	Rollpin - 1/8" Dia. x 15/16" Lg.	1
2	P-88352	Support - Shaft (L.H.)	1
3	WL-6-27	Lock Washer - 3/8" x .136" x .070"	4
4	SC-41-29	Fin. Bolt - 3/8"-16 x 7/8" Hex Hd.	4
5	RR-4-5	Retaining Ring	1
6	M-79560	Roller	1
7	M-60468	Knob	1
8	P-79551	Shoe - Roller	1
9	P-79646	Dwell Handle & Shaft Assy.	1
10	M-79648	Washer - Beveled	1
11	R-67500-5	"O" Ring	2
12	SC-41-11	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	2
13	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
14	M-79564	Gasket	1
15	P-79599	Dwell Casting Assy. (Incls. item #16)	1
16	RP-3-20	Rollpin - 5/16" Dia. x 1-3/4" Lg.	2
17	P-79552	Spring - Dwell	1
18	RP-2-7	Rollpin - 3/16" Dia. x 1-1/8" Lg.	1
19	M-79555	Shoe Plate & Bushing Assy.	1
20	WS-17-8	Washer	1
21	PC-5-3	Cotter Pin - 1/16" x 5/8"	1
22	M-79550	Spring Stud & Support Assy.	1
23	WS-17-21	Washer	1
24	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
25	SC-41-10	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	2
26	P-87649	L.H. Shoe & Roller Support Assy.	1
27	P-79563	Shaft - Dwell Control	1
28	P-87648	R.H. Shoe & Roller Support Assy.	1
29	RP-3-21	Rollpin - 1/8" Dia. x 15/16" Lg.	1
30	P-88351	Support - Shaft (R.H.)	1



VENT HOOD

ILLUS. PL-11639	PART NO.	NAME OF PART	AMT.
*1	R-80553	Drip Shield Assy.	1
2	S-79467-1	Vent Hood Sub-Assy. (18 Gage)	1
3	S-79467-2	Vent Hood Sub-Assy. (16 Gage)	1
4	SC-41-5	Fin. Bolt - 1/4"-20 x 5/8" Hex Hd.	11
5	NS-31-19	Stop Nut - 1/4"-20 "Elastic"	11
6	NS-36-12	Stop Nut - 3/8"-24 "Elastic"	1
7	SC-21-11	Mach. Screw - #6-32 x 3/4" Rd. Hd.	3
8	P-75623	Damper - Vent Stack	1
9	P-64919	Shaft - Damper	1
10	NS-31-50	Stop Nut - #6-32 "Elastic"	3
11	R-75621	Vent Stack Assy.	1
12	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd.	8
13	NS-31-15	Stop Nut - #10-24 "Elastic"	8

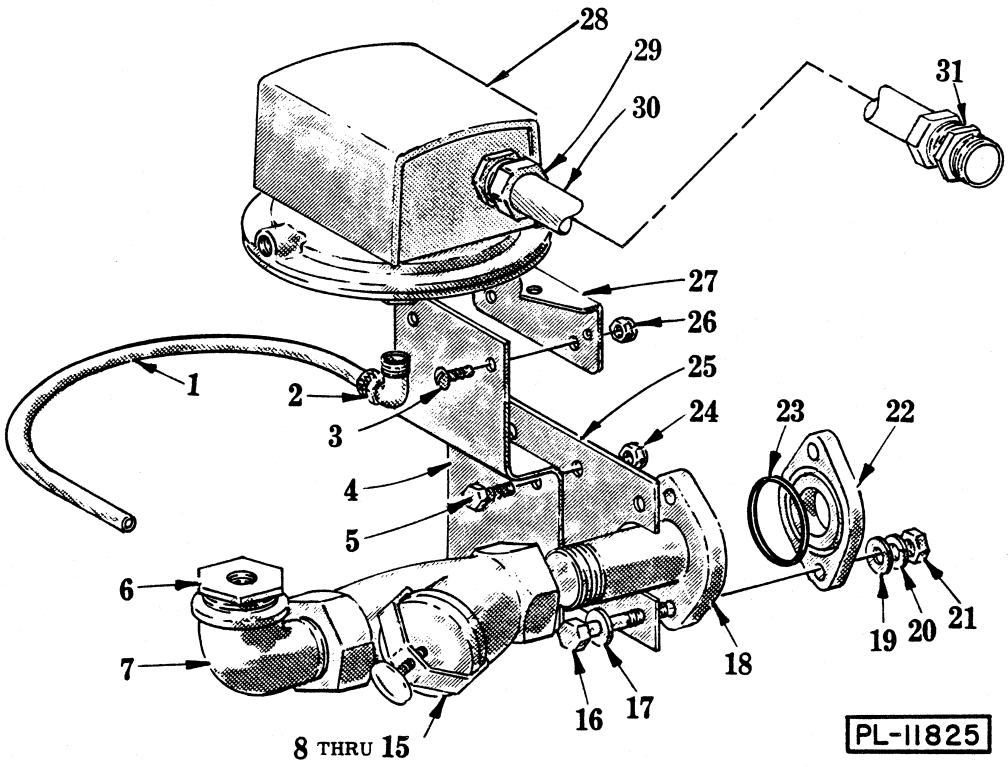
*Used on Discharge End ONLY.



EXTENDED HOOD

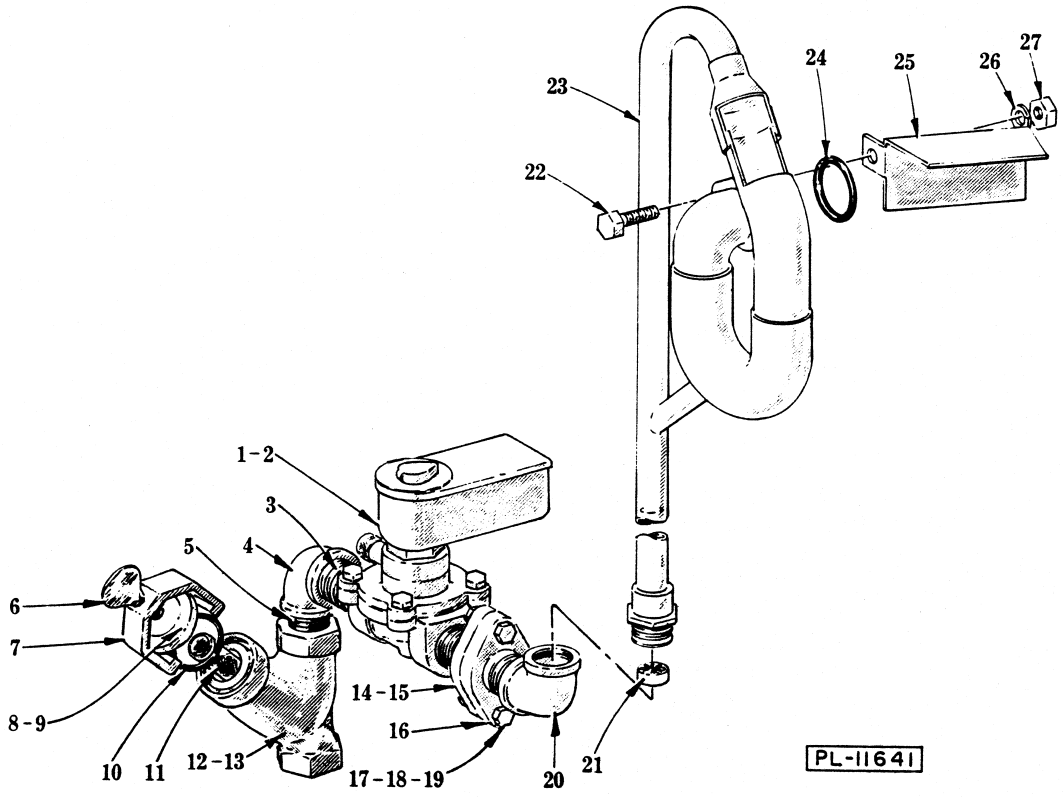
ILLUS. PL-11640	PART NO.	NAME OF PART	AMT.
1	R-79047	Curtain Hook & Drip Shield Assy.	1
2	SC-53-5	Mach. Screw - #10-24 x 3/8" Truss Hd.	3
3	NS-31-15	Stop Nut - #10-24 "Elastic"	3
4	NS-31-19	Stop Nut - 1/4"-20 "Elastic"	13
5	SC-41-5	Fin. Bolt - 1/4"-20 x 5/8" Hex Hd.	13
6	S-79463-1	Extended Hood Sub-Assy. (18 Gage)	1
7	S-79463-2	Extended Hood Sub-Assy. (16 Gage)	1
8	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd.	8
9	NS-31-15	Stop Nut - #10-24 "Elastic"	8
10	R-75621	Vent Stack Assy.	1
11	NS-31-50	Stop Nut - #6-32 "Elastic"	3
12	P-64919	Shaft - Damper	1
13	P-75623	Damper - Vent Stack	1
14	SC-21-11	Mach. Screw - #6-32 x 3/4" Rd. Hd.	3
15	NS-36-12	Stop Nut - 3/8"-24 "Elastic"	1
*16	R-80553	Drip Shield Assy.	1

*Used on Discharge End ONLY.



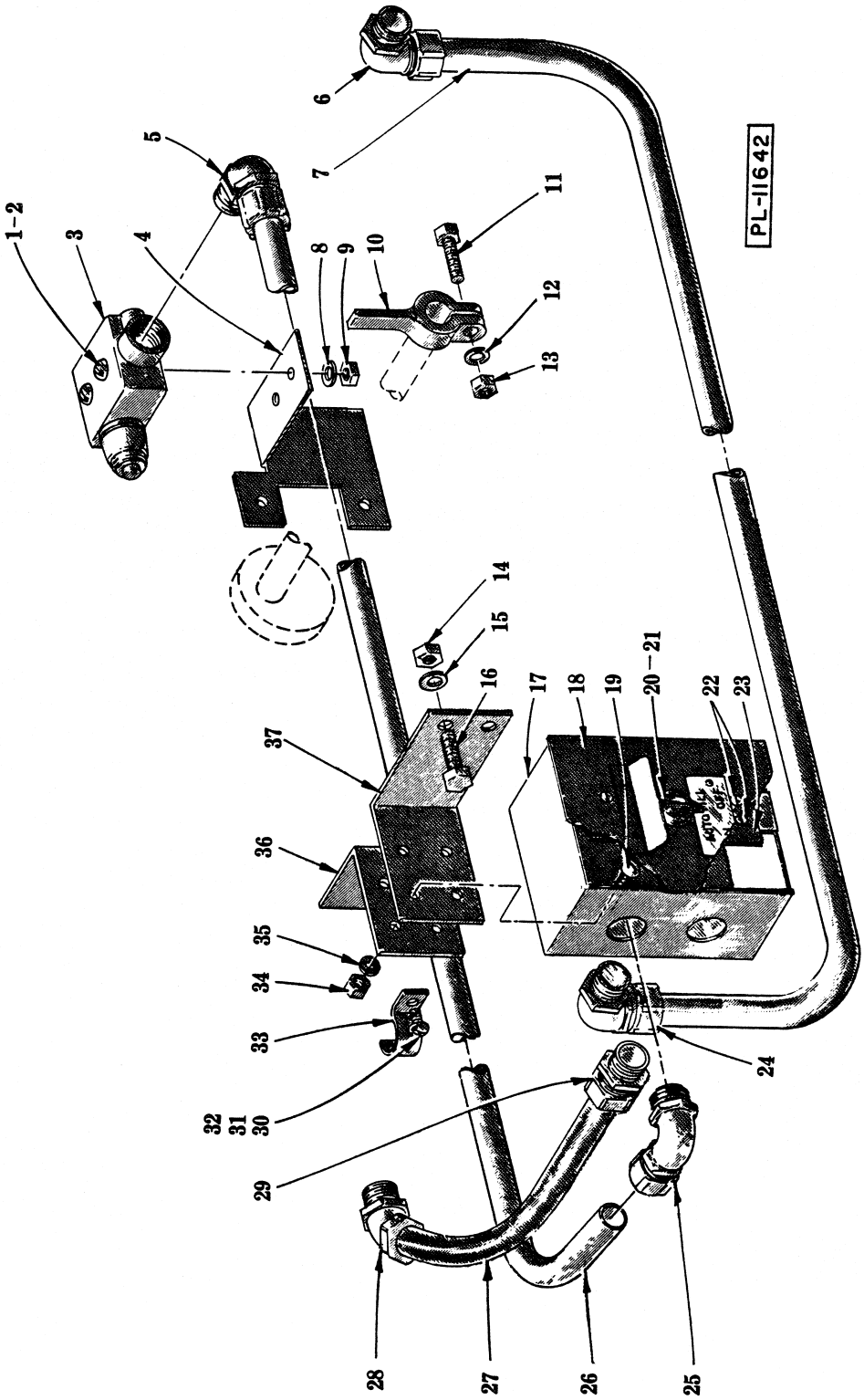
AUTOMATIC FILL
(PRESSURE SWITCH)

ILLUS. PL-11825	PART NO.	NAME OF PART	AMT.
1	A-102640	Tube - 1/4" O.D. x 18" Lg.	1
2	A-102639	Elbow - 90° Male (1/4" Pipe Thd. x 1/4" Tube)	2
3	SC-53-2	Mach. Screw - #10-24 x 1/2" Truss Hd.	2
4	C-102627	Support - Bracket	1
5	SC-41-5	Fin. Bolt - 1/4"-20 x 5/8" Hex Hd.	3
6	FP-27-15	Bushing - 3/4" to 1/4" Hex Reducing	1
7	FP-15-24	Elbow - 3/4" x 90° Street	1
8	M-82228	Line Strainer (3/4") (Cast Iron) (Incls. items #10, 11, 13, 14 & 15)	1
9	A-102516	Line Strainer (3/4") (Brass) (Incls. items #10, 12, 13, 14 & 15)	1
10	M-82231	Screen (3/4" Line Strainer)	1
11	M-82234	Plate - Seal (3/4" Line Strainer) (Use with item #8)	1
12	A-102517	Plate - Seal (3/4" Line Strainer) (Use with item #9)	1
13	M-82236	Clamp (3/4" Line Strainer)	1
14	M-82238	Thumb Screw	1
15	R-67500-59	"O" Ring (3/4" Line Strainer)	1
16	SC-41-17	Fin Bolt - 5/16"-18 x 1-1/2" Hex Hd.	2
17	WS-5-32	Washer	2
18	P-63262-8	Flange & Nipple Assy.	1
19	WS-5-32	Washer	2
20	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
21	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
22	M-21358-6	Flange	1
23	R-67500-12	"O" Ring	2
24	NS-31-19	Stop Nut - 1/4"-20 "Elastic"	3
25	B-102626	Bracket - Flange	1
26	NS-31-15	Stop Nut - #10-24 "Elastic"	2
27	B-102638	Bracket - Pressure Switch	1
28	P-74627	Switch - Pressure	1
29	FE-7-1	Connector - Straight "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
30	P-68190-33	Conduit - 3/8" x 14-1/4" (Waterproof) (Switch Box to Pressure Switch)	1
31	FE-7-1	Connector - Straight "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1



AUTOMATIC FILL
(PIPING)

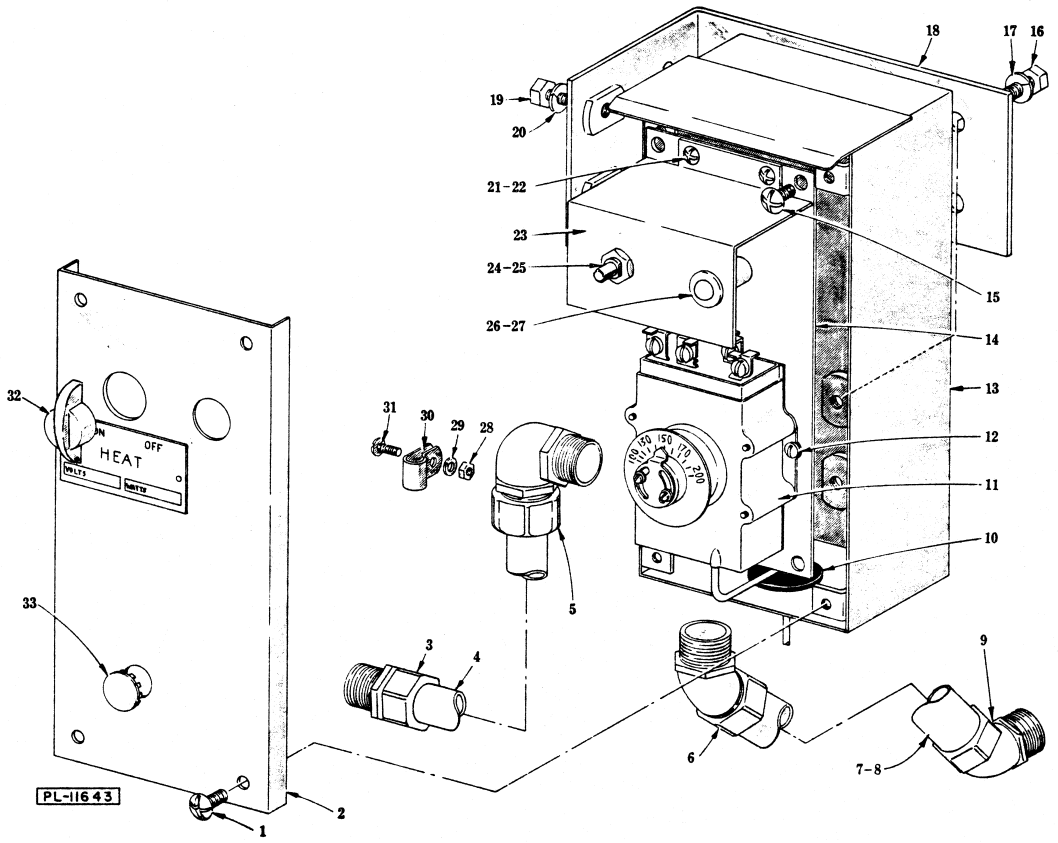
ILLUS. PL-11641	PART NO.	NAME OF PART	AMT.
1	A-106468-1	Valve - 3/4" Solenoid (115 V., 50/60 Hz.)	1
2	A-106468-2	Valve - 3/4" Solenoid (208-240 V., 50/60 Hz.)	1
3	FP-41-50	Nipple - 3/4" x 1-3/8" Lg. (T.B.E.)	1
4	FP-16-12	Elbow - 3/4" to 1/2" Reducing	1
5	FP-40-42	Nipple - 1/2" x 1-1/8" Lg. (T.B.E.)	1
6	M-82238	Thumb Screw	1
7	M-82236	Clamp (1/2" Line Strainer)	1
8	M-82233	Plate - Seal (1/2" Line Strainer) (Use with item #12)	1
9	A-102518	Plate - Seal (1/2" Line Strainer) (Use with item #13)	1
10	R-67500-59	"O" Ring (1/2" Line Strainer)	1
11	M-82230	Screen (1/2" Line Strainer)	1
12	M-82227	Line Strainer (1/2") (Cast Iron) (Incls. items #6, 7, 8, 10 & 11)	1
13	A-102515	Line Strainer (1/2") (Brass) (Incls. items #6, 7, 9, 10 & 11)	1
14	P-63262-6	Flange & Nipple Assy.	1
15	R-67500-12	"O" Ring	1
16	P-63262-4	Flange & Nipple Assy.	1
17	SC-41-15	Fin. Bolt - 5/16"-18 x 1-1/4" Hex Hd.	2
18	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
19	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2
20	FP-16-12	Elbow - 3/4" to 1/2" Reducing	1
21	M-60566	Spring - Anti-Splash	1
22	SC-41-13	Fin. Bolt - 5/16"-18 x 1" Hex Hd.	2
23	R-89448	L.H. Fill Piping Sub-Assy.	1
24	R-67500-12	"O" Ring	1
25	P-79006	Deflector - Inside	1
26	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
27	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	2



AUTOMATIC FILL
(ELECTRICAL)

AUTOMATIC FILL
(ELECTRICAL)

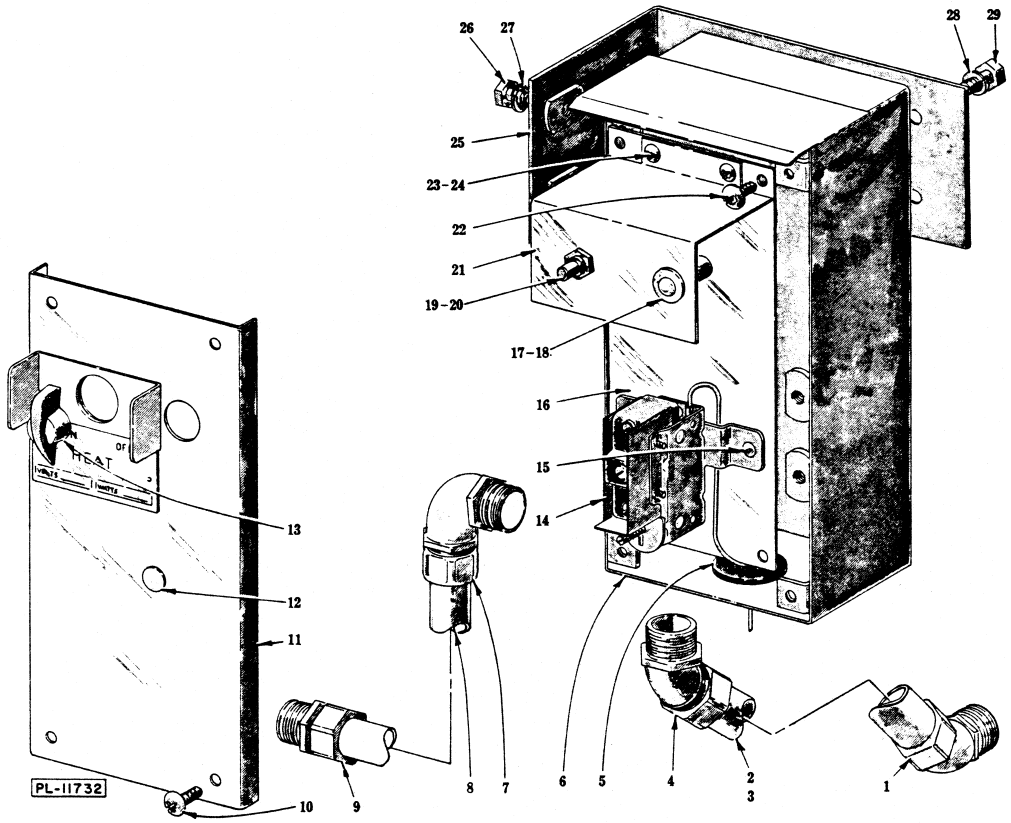
ILLUS. PL-11642	PART NO.	NAME OF PART	AMT.
1	SC-27-24	Mach. Screw - #6-32 x 1-1/2" Rd. Hd.	2
2	WS-2-6	Washer	4
3	M-85616	Switch - Interlock (Incls. items #1, 2 & 9)	1
4	R-82005	Bracket - Interlock Switch	1
5	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
6	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
7	D-105565	Conduit (Switch Box to Control Box)	1
8	WL-6-40	Lock Washer - #6 x .040" x .025"	2
9	NS-10-6	Mach. Nut - #6-32 Hex	2
10	P-82007	Arm - Switch	1
11	SC-41-2	Fin. Bolt - 1/4"-20 x 1" Hex Hd.	1
12	WL-6-16	Lock Washer - 1/4" x .107" x .047"	1
13	NS-15-1	Full Nut - 1/4"-20 Hex Fin.	1
14	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	2
15	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
16	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	2
17	P-77092	Switch Box Assy.	1
18	M-82943	Switch Box Cover & Auto. Fill Plate Sub-Assy.	1
19	SC-9-25	Mach. Screw - #10-24 x 5/8" Rd. Hd.	2
20	M-82359	Knob - Rotary Switch	1
21	M-82357	Rotary Switch & Knob Assy. (Incls. item #20)	1
22	SC-14-66	Mach. Screw - #6-32 x 5/16" Flat Hd.	4
23	M-82002	Bracket - Switch	1
24	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
25	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
26	P-82006-2	Conduit (Switch Box to Interlock Switch)	1
27	P-68190-20	Conduit - 3/8" x 6-1/2" (Waterproof) (Switch Box to Solenoid)	1
28	FE-7-2	Connector - 45° "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
29	FE-7-1	Connector - Straight "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
30	SC-21-22	Mach. Screw - #10-24 x 3/8" Rd. Hd.	1
31	WL-6-6	Lock Washer - #10 x .055" x .040"	1
32	NS-11-18	Mach. Nut - #10-24 Hex	1
33	FE-6-47	Clamp - Pipe	1
34	NS-9-22	Mach. Nut - #10-24 Hex	2
35	WL-3-20	Lock Washer - #10 x .055" x .040"	2
36	P-82148	Support - Fill Piping	1
37	P-74713	Bracket - Switch Box Mounting	1



THERMOSTAT AND SWITCH BOX (STEAM INJECTOR)

ML-15583 (1/2")
ML-15603 (3/4")

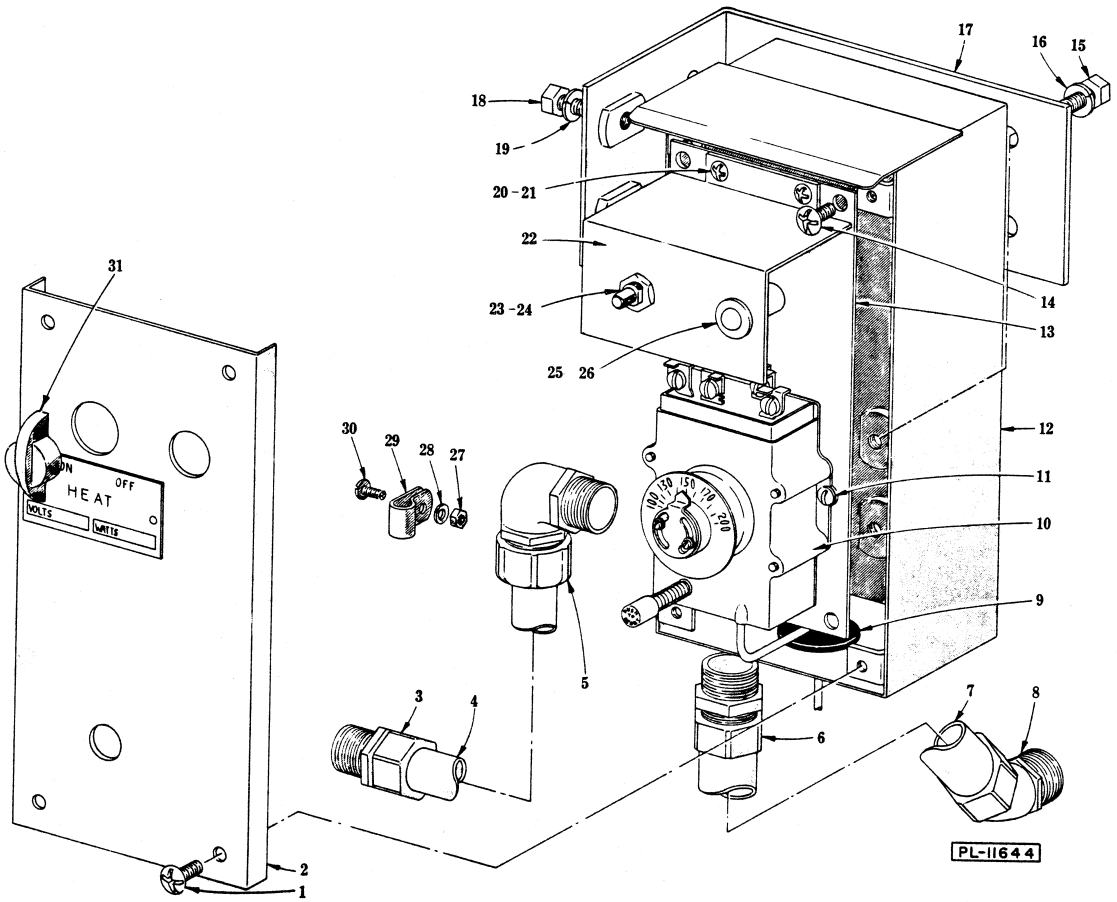
ILLUS. PL-11643	PART NO.	NAME OF PART	AMT.
1	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
2	M-81885-2	Contactor Box Lid & Heat Plate Sub-Assy. (Steam)	1
3	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
4	P-79943	Conduit (Controller Box to Heat Box)	1
5	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
6	FE-7-2	Connector - 45° "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
7	P-68190-61	Conduit - 3/8" x 10-1/2" (Waterproof) (1/2" Steam Injector)	1
8	P-68190-6	Conduit - 3/8" x 14" (Waterproof) (3/4" Steam Injector)	1
9	FE-7-2	Connector - 45° "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
10	M-65028	Grommet	1
11	B-103688-1	Thermostat & Label Assy. (Steam Heat ONLY)	1
12	SC-11-14	Mach. Screw - #10-24 x 3/8" Fil. Hd.	2
13	R-79236	Thermostat & Switch Box Sub-Assy.	1
14	P-79496	Base Plate & Weld Nut Sub-Assy.	1
15	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
16	SC-36-23	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2
17	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
18	P-79497	Thermostat Box Bracket Sub-Assy.	1
19	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	2
20	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
21	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
22	WL-8-7	Lock Washer - #8 Int. Shakeproof	2
23	P-79233	Bracket - Switch & Pilot Light	1
24	M-82357	Rotary Switch & Knob Assy. (Incls. items #25 & 32)	1
25	WL-8-29	Lock Washer - 7/16" Int. Shakeproof	1
26	P-70886-7	Pilot Light Assy. (115 V.) (Pilot Circuit)	1
27	P-70886-8	Pilot Light Assy. (230 V.)	1
28	NS-9-12	Mach. Nut - #8-32 Hex	1
29	WL-3-14	Lock Washer - #8 x .047" x .031"	1
30	M-78752-4	Clamp - Plastic	1
31	SC-9-56	Mach. Screw - #8-32 x 3/8" Rd. Hd.	1
32	M-82359	Knob - Rotary Switch	1
33	M-75903	Plug Button - 5/8"	1



THERMOSTAT AND SWITCH BOX (STEAM INJECTOR)

ML-17951 (1/2")
ML-17957 (3/4")

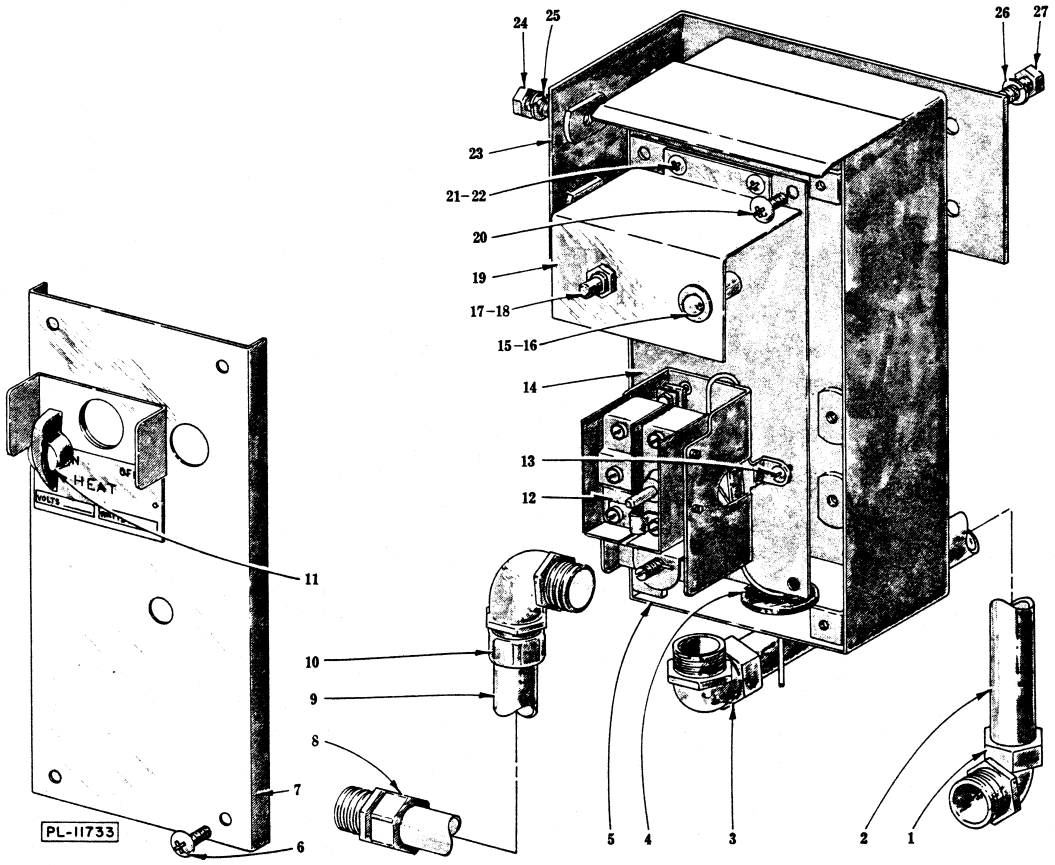
ILLUS. PL-11732	PART NO.	NAME OF PART	AMT.
1	FE-7-2	Connector - 45° "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
2	P-68190-6	Conduit - 3/8" x 14" Lg. (Waterproof) (3/4" Steam Injector)	1
3	P-68190-61	Conduit - 3/8" x 10-1/2" Lg. (Waterproof) (1/2" Steam Injector)	1
4	FE-7-2	Connector - 45° "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
5	M-65028	Grommet	1
6	R-79236	Thermostat & Switch Box Sub-Assy.	1
7	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
8	P-79943	Conduit (Control Box to Heat Box)	1
9	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
10	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
11	A-109416-4	Contactor Box Lid & Heat Plate Sub-Assy. (Steam)	1
12	A-106922	Plug Button	1
13	M-82359	Knob - Rotary Switch	1
14	B-108400-1	Thermostat (Steam Heat ONLY)	1
15	SC-11-14	Mach. Screw - #10-24 x 3/8" Fil. Hd.	2
16	P-79496	Base Plate & Weld Nut Sub-Assy.	1
17	P-70886-9	Pilot Light Assy. (115 V.) (Pilot Circuit)	1
18	P-70886-10	Pilot Light Assy. (230 V.)	1
19	M-82357	Rotary Switch & Knob Assy. (Incls. items #13 & 20)	1
20	WL-8-29	Lock Washer - 7/16" Int. Shakeproof	1
21	P-79233	Bracket - Switch & Pilot Light	1
22	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
23	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
24	WL-8-7	Lock Washer - #8 Int. Shakeproof	2
25	P-79497	Thermostat Box Bracket Sub-Assy.	1
26	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	2
27	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
28	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
29	SC-36-23	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2



THERMOSTAT AND SWITCH BOX (GAS HEAT)

ML-15775

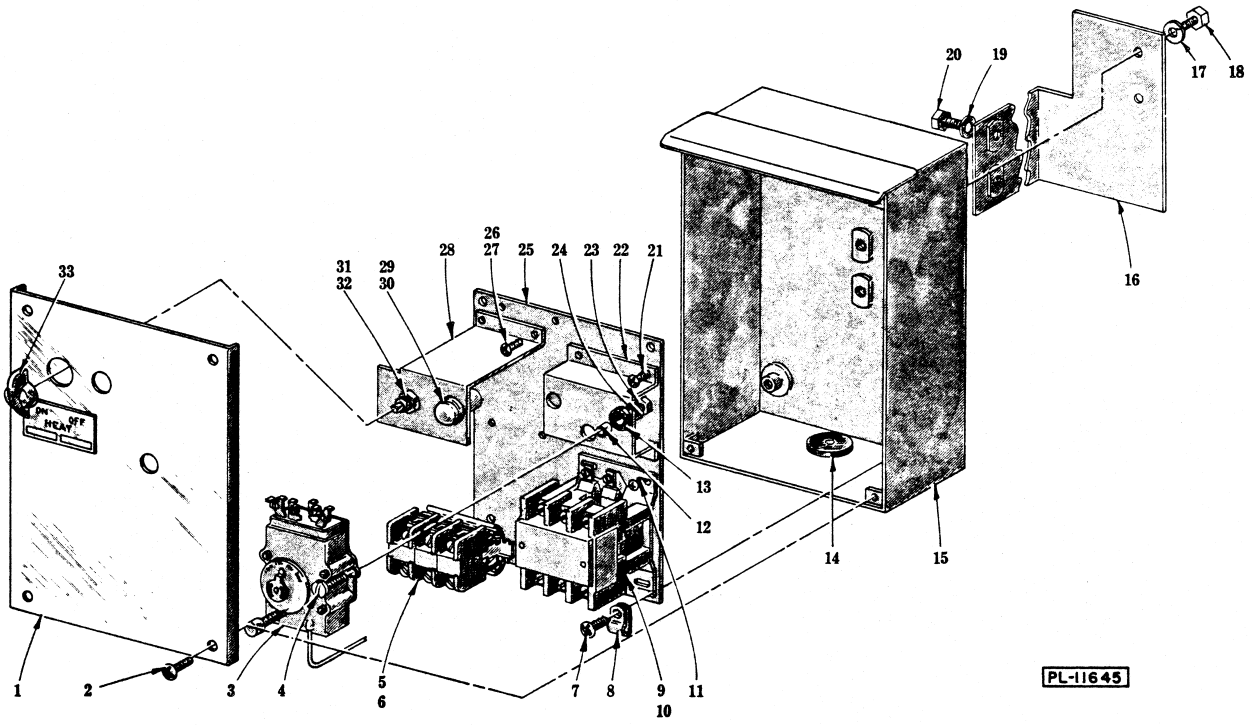
ILLUS. PL-11644	PART NO.	NAME OF PART	AMT.
1	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
2	M-81885-2	Contactor Box Lid & Heat Plate Sub-Assy. (Gas)	1
3	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
4	P-79943	Conduit (Controller Box to Heat Box)	1
5	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
6	FE-7-1	Connector - Straight "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
7	P-68190-34	Conduit - 3/8" x 13-3/8" (Waterproof)	1
8	FE-7-2	Connector - 45° "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
9	M-65028	Grommet	1
10	B-103688-2	Thermostat & Label Assy. (Gas Heat ONLY)	1
11	SC-11-14	Mach. Screw - #10-24 x 3/8" Fil. Hd.	2
12	R-79236	Thermostat & Switch Box Sub-Assy.	1
13	P-79496	Base Plate & Weld Nut Sub-Assy.	1
14	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
15	SC-36-23	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2
16	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
17	P-79497	Thermostat Box Bracket Sub-Assy.	1
18	SC-36-23	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2
19	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
20	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
21	WL-8-7	Lock Washer - #8 Int. Shakeproof	2
22	P-79233	Bracket - Switch & Pilot Light	1
23	M-82357	Rotary Switch & Knob Assy. (Incls. items #24 & 31)	1
24	WL-8-29	Lock Washer - 7/16" Int. Shakeproof	1
25	P-70886-7	Pilot Light Assy. (115 V.) (Pilot Circuit)	1
26	P-70886-8	Pilot Light Assy. (230 V.)	1
27	NS-9-12	Mach. Nut - #8-32 Hex	1
28	WL-3-14	Lock Washer - #8 x .047" x .031"	1
29	M-78752-4	Clamp - Plastic	1
30	SC-9-56	Mach. Screw - #8-32 x 3/8" Rd. Hd.	1
31	M-82359	Knob - Rotary Switch	1



THERMOSTAT AND SWITCH BOX (GAS HEAT)

ML-17773

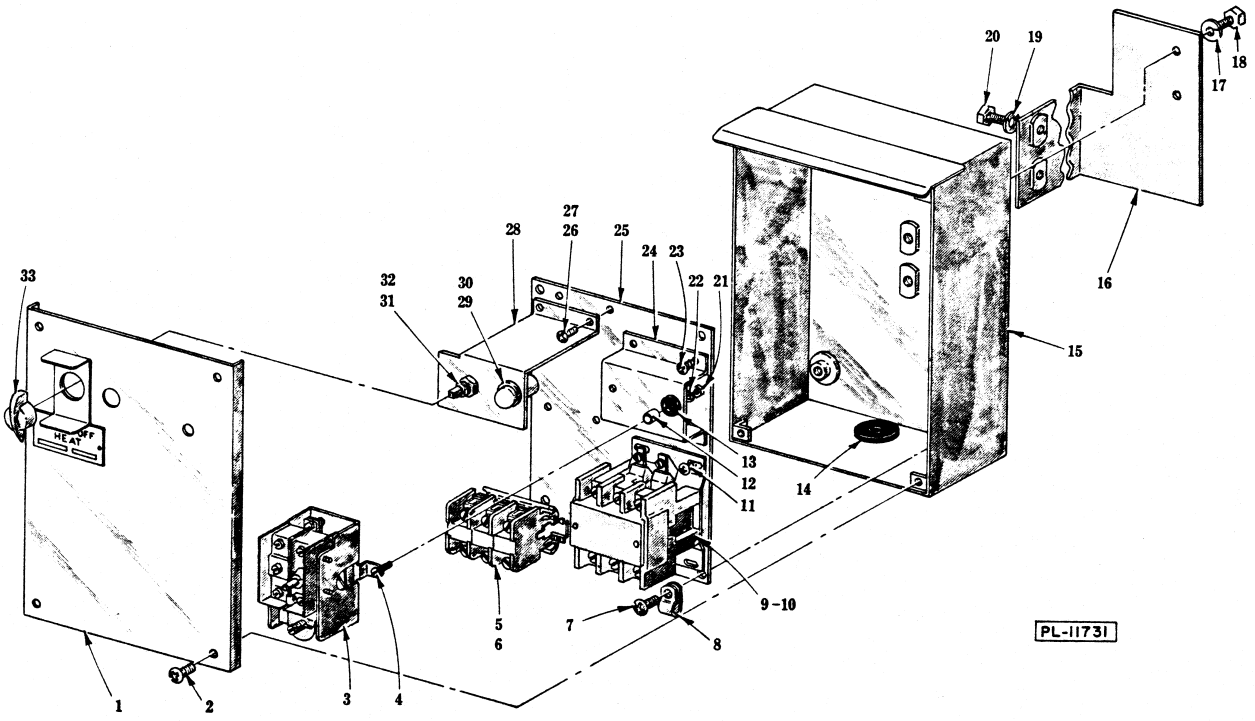
ILLUS. PL-11733	PART NO.	NAME OF PART	AMT.
1	FE-7-3	Connector - 90° "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
2	P-68190-37	Conduit - 3/8" x 16-3/4" Lg. (Waterproof)	1
3	FE-7-3	Connector - 90° "Sealtite" (1/2" Male Thd. x 3/8" Flex. Cnd.)	1
4	M-65028	Grommet	1
5	R-79236	Thermostat & Switch Box Sub-Assy.	1
6	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
7	A-109416-4	Contactor Box Lid & Heat Plate Sub-Assy. (Gas)	1
8	FE-6-45	Connector - Straight (1/2" Male Thd. x 1/2" Thinwall)	1
9	P-79943	Conduit (Controller Box to Heat Box)	1
10	FE-6-37	Ell - 90° Short (1/2" Male Thd. x 1/2" Thinwall)	1
11	M-82359	Knob - Rotary Switch	1
12	C-105190	Thermostat (Gas Heat ONLY)	1
13	SC-11-14	Mach. Screw - #10-24 x 3/8" Fil. Hd.	2
14	P-79496	Base Plate & Weld Nut Sub-Assy.	1
15	P-70886-9	Pilot Light Assy. (115 V.) (Pilot Circuit)	1
16	P-70886-10	Pilot Light Assy. (230 V.)	1
17	M-82357	Rotary Switch & Knob Assy. (Incls. items #11 & 18)	1
18	WL-8-29	Lock Washer - 7/16" Int. Shakeproof	1
19	P-79233	Bracket - Switch & Pilot Light	1
20	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
21	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
22	WL-8-7	Lock Washer - #8 Int. Shakeproof	2
23	P-79497	Thermostat Box Bracket Sub-Assy.	1
24	SC-36-23	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2
25	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
26	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
27	SC-36-23	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2



THERMOSTAT AND CONTACTOR BOX (ELEC. HEAT)

ML-15519 (20 KW)

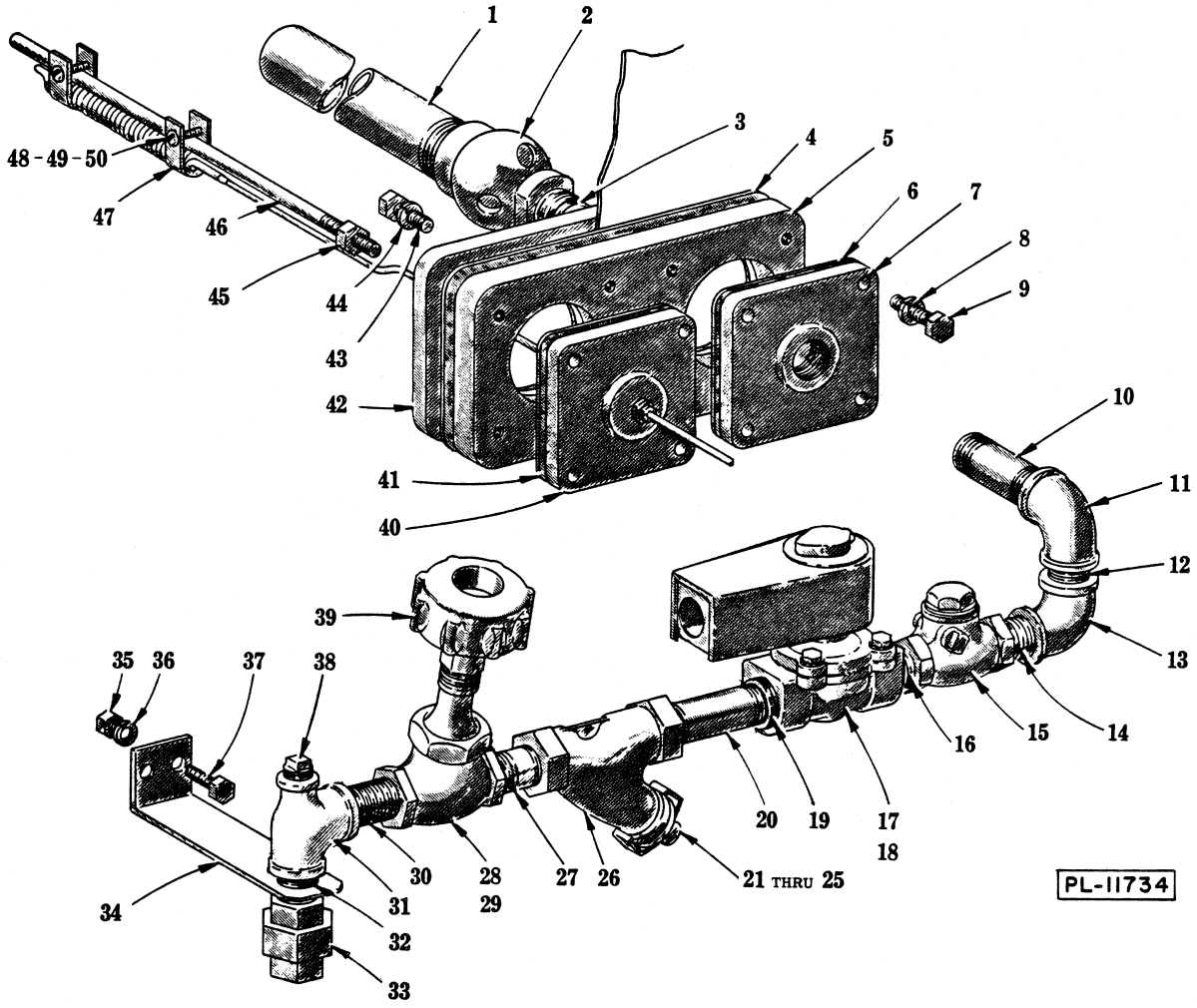
ILLUS. PL-11645	PART NO.	NAME OF PART	AMT.
1	M-81885-3	Contactor Box Lid & Heat Plate Sub-Assy. (Elec.)	1
2	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
3	B-103688-3	Thermostat & Label Assy. (Elec. Heat ONLY)	1
4	SC-12-36	Mach. Screw - #10-24 x 3/4" Fil. Hd.	2
5	C-104295-1	Terminal Block Assy.	1
6	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
7	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
8	M-78752-4	Clamp - Plastic	2
9	P-87713-12-1	Contactor - Magnetic (208-230 V., 50/60 Hz.)	2
10	P-87713-12-2	Contactor - Magnetic (115 V., 50/60 Hz.) (Pilot Circuit)	2
11	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	4
12	V-23450	Spacer	2
13	V-23458	Grommet	3
14	M-65028	Grommet	1
15	S-79247	Thermostat & Contactor Box Sub-Assy.	1
16	R-82794	Thermostat Box Bracket Assy.	1
17	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
18	SC-36-23	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2
19	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
20	SC-36-24	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	2
21	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	4
22	P-78279	Support - Thermostat	1
23	NS-9-22	Mach. Nut - #10-24 Hex	2
24	WL-3-20	Lock Washer - #10 x .055" x .040"	2
25	C-106996	Plate - Base	1
26	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
27	WL-8-7	Lock Washer - #8 Int. Shakeproof	2
28	P-79244	Bracket - Switch & Pilot Light	1
29	P-70886-7	Pilot Light Assy. (115 V.) (Pilot Circuit)	1
30	P-70886-8	Pilot Light Assy. (230 V.)	1
31	M-82357	Rotary Switch & Knob Assy. (Incls. items #32 & 33)	1
32	WL-8-29	Lock Washer - 7/16" Int. Shakeproof	1
33	M-82359	Knob - Rotary Switch	1



THERMOSTAT AND CONTACTOR BOX (ELEC. HEAT)

ML-18055 (20 KW)

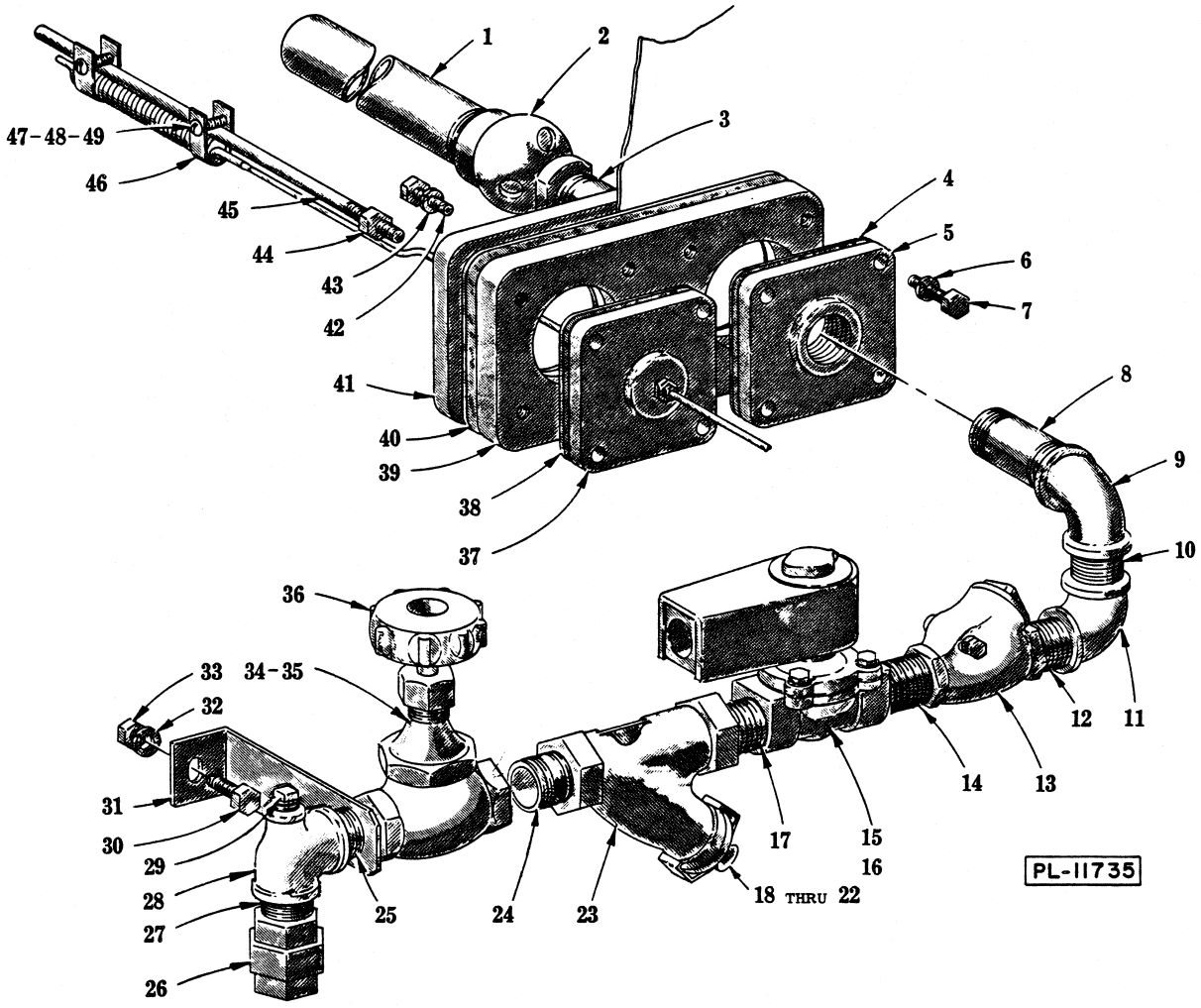
ILLUS. PL-11731	PART NO.	NAME OF PART	AMT.
1	A-109416-3	Contactor Box Lid & Heat Plate Sub-Assy. (Elec.)	1
2	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
3	C-105190-1	Thermostat (Elec. Heat ONLY)	1
4	SC-12-36	Mach. Screw - #10-24 x 3/4" Fil. Hd.	2
5	C-104295-1	Terminal Block Assy.	1
6	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
7	SC-71-11	Mach. Screw - #10-24 x 3/8" Phil. Truss Hd.	4
8	M-78752-4	Clamp - Plastic	2
9	P-87713-12-1	Contactor - Magnetic (208-230 V., 50/60 Hz.)	2
10	P-87713-12-2	Contactor - Magnetic (115 V., 50/60 Hz.) (Pilot Circuit)	2
11	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	4
12	V-23450	Spacer	2
13	V-23458	Grommet	2
14	M-65028	Grommet	1
15	S-79247	Thermostat & Contactor Box Sub-Assy.	1
16	R-82794	Thermostat Box Bracket Assy.	1
17	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
18	SC-36-23	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2
19	WL-3-43	Lock Washer - 5/16" x .117" x .056"	2
20	SC-36-24	Fin. Bolt - 5/16"-18 x 5/8" Hex Hd.	2
21	NS-9-22	Mach. Nut - #10-24 Hex	2
22	WL-3-20	Lock Washer - #10 x .055" x .040"	2
23	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	4
24	C-114200	Support - Thermostat	1
25	C-106996	Plate - Base	1
26	SD-8-18	Self-Tapping Screw - #8 x 3/8" Phil. Bind. Hd., Type B	2
27	WL-8-7	Lock Washer - #8 Int. Shakeproof	2
28	P-79244	Bracket - Switch & Pilot Light	1
29	P-70886-9	Pilot Light Assy. (115 V.) (Pilot Circuit)	1
30	P-70886-10	Pilot Light Assy. (230 V.)	1
31	M-82357	Rotary Switch & Knob Assy. (Incls. items #32 & 33)	1
32	WL-8-29	Lock Washer - 7/16" Int. Shakeproof	1
33	M-82359	Knob - Rotary Switch	1



STEAM INJECTOR

1/2" STEAM INJECTOR

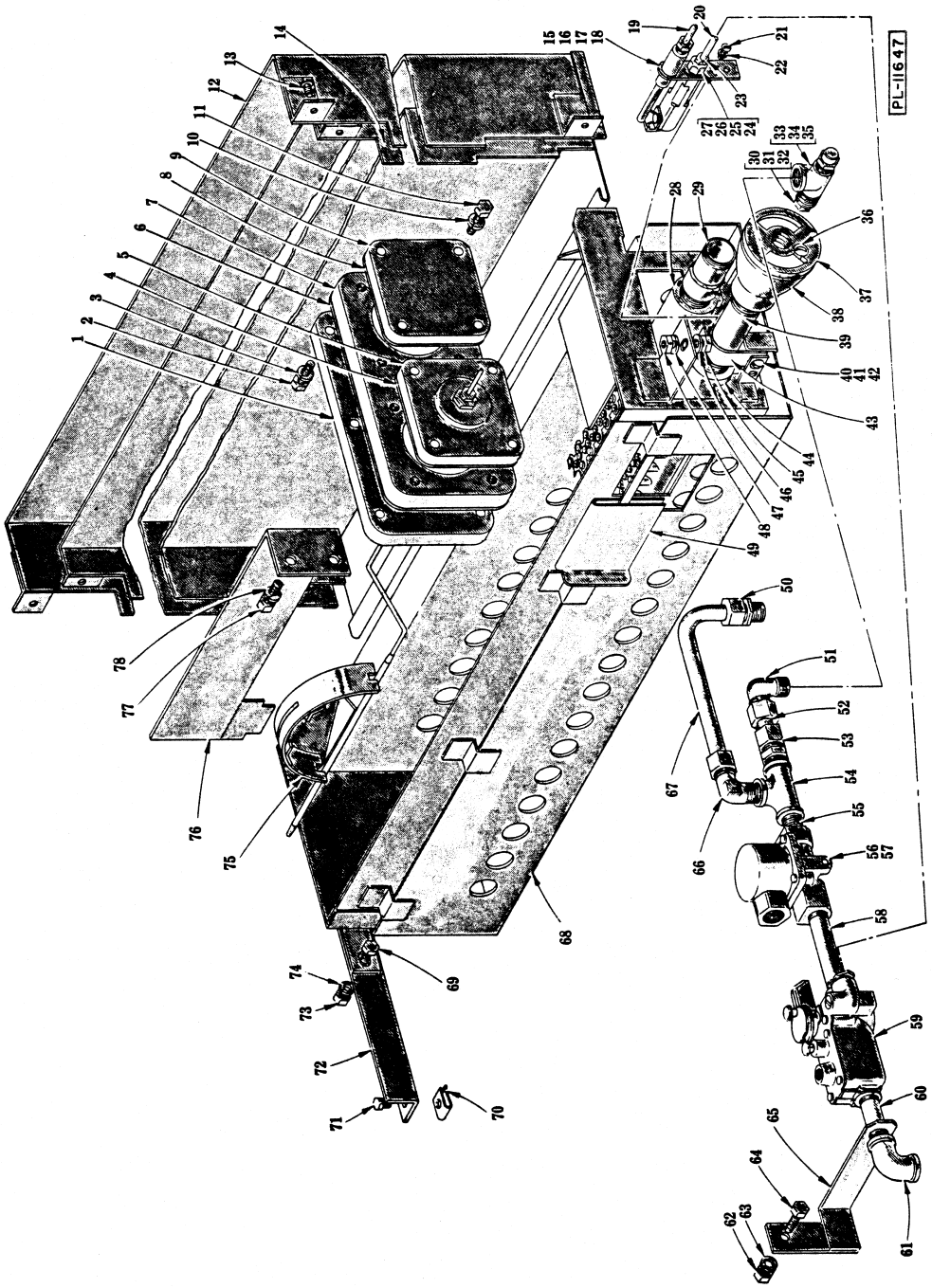
ILLUS. PL-11734	PART NO.	NAME OF PART	AMT.
1	FP-54-34	Pipe - 1" x 14" Lg. (S.T.O.E.)	1
2	R-83063	Heater - Water	1
3	FP-54-44	Nipple - 3/4" x 2-1/2" Lg. (T.B.E.)	1
4	P-67035	Gasket - Mounting Plate	1
5	R-67044	Plate - Mounting	1
6	P-67036	Gasket	1
7	P-67037-3	Plate - Adapter	1
8	WL-6-22	Lock Washer - 5/16" x .117" x .056"	8
9	SC-41-14	Fin. Bolt - 5/16"-18 x 1-1/8" Hex Hd.	8
10	FP-59-10	Nipple - 1/2" x 3" Lg. (T.B.E.)	1
11	FP-13-15	Elbow - 1/2" x 90°	1
12	FP-35-91	Nipple - 1/2" x 1-1/8" Lg. (T.B.E.)	1
13	FP-13-15	Elbow - 1/2" x 90°	1
14	FP-59-30	Nipple - 1/2" x 1-3/8" Lg. (T.B.E.)	1
15	P-84071	Valve - 1/2" Check	1
16	FP-35-91	Nipple - 1/2" x 1-1/8" Lg. (T.B.E.)	1
17	A-108156-1	Valve - 3/4" Solenoid (115 V., 50/60 Hz.) (Pilot Circuit)	1
18	A-108156-2	Valve - 3/4" Solenoid (208-240 V., 50/60 Hz.)	1
19	FP-26-22	Bushing - 3/4" to 1/2" Face Reducing	2
20	FP-36-97	Nipple - 1/2" x 2-3/4" Lg. (T.B.E.)	1
21	M-82230	Screen (1/2" Line Strainer)	1
22	M-82233	Plate - Seal (1/2" Line Strainer)	1
23	M-82236	Clamp (1/2" Line Strainer)	1
24	M-82238	Thumb Screw	1
25	R-67500-59	"O" Ring (1/2" Line Strainer)	1
26	M-82227	Line Strainer (1/2") (Incls. items #21, 22, 23, 24 & 25)	1
27	FP-36-93	Nipple - 1/2" x 1-5/8" Lg. (T.B.E.)	1
28	M-65545	Valve - 1/2" Globe (Incls. item #29)	1
29	FP-9-7	Disc - 1/2" Valve	1
30	FP-35-91	Nipple - 1/2" x 1-1/8" Lg. (T.B.E.)	1
31	FP-19-16	Tee - 1/2" x 1/4" x 1/2"	1
32	FP-35-91	Nipple - 1/2" x 1-1/8" Lg. (T.B.E.)	1
33	FP-22-11	Union - 1/2" (Grd. Seat)	1
34	P-79498	Bracket - Pipe Support	1
35	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	1
36	WL-3-43	Lock Washer - 5/16" x .117" x .056"	1
37	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	1
38	FP-28-6	Plug - 1/4" Sq. Hd. Pipe	1
39	P-70149-1	Handle - Steam Valve	1
40	P-67039-4	Plate - Adapter	1
41	P-67036	Gasket	1
42	R-77233	Plate - Clamping	1
43	SC-41-16	Fin. Bolt - 5/16"-18 x 1-3/8" Hex Hd.	6
44	WL-6-22	Lock Washer - 5/16" x .117" x .056"	6
45	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	1
46	M-77219	Rod - Thermostat Bulb	1
47	M-79489	Clamp - "U" Thermostat Bulb	2
48	SC-21-26	Mach. Screw - #10-24 x 7/8" Rd. Hd.	2
49	WL-6-6	Lock Washer - #10 x .055" x .040"	2
50	NS-11-18	Mach. Nut - #10-24 Hex	2
	B-104250	Water Heater & Piping Sub-Assy. (Incls. items #1, 2 & 3)	1



STEAM INJECTOR

3/4" STEAM INJECTOR (PRESSURE UNDER 10 LBS.)

ILLUS. PL-11735	PART NO.	NAME OF PART	AMT.
1	FP-54-34	Pipe - 1" x 14" Lg. (S.T.O.E.)	1
2	R-83063	Heater - Water	1
3	FP-54-44	Nipple - 3/4" x 2-1/2" Lg. (T.B.E.)	1
4	P-67036	Gasket - Adapter Plate	1
5	P-67037-1	Plate - Adapter	1
6	WL-6-22	Lock Washer - 5/16" x .117" x .056"	8
7	SC-41-14	Fin. Bolt - 5/16"-18 x 1-1/8" Hex Hd.	8
8	FP-36-3	Nipple - 3/4" x 2-3/4" Lg. (T.B.E.)	1
9	FP-13-22	Elbow - 3/4" x 90°	1
10	FP-36-92	Nipple - 3/4" x 1-3/8" Lg. (T.B.E.)	1
11	FP-13-22	Elbow - 3/4" x 90°	1
12	FP-36-92	Nipple - 3/4" x 1-3/8" Lg. (T.B.E.)	1
13	P-74696	Valve - 3/4" Check	1
14	SC-36-92	Nipple - 3/4" x 1-3/8" Lg. (T.B.E.)	1
15	A-108156-1	Valve - 3/4" Solenoid (115 V., 50/60 Hz.) (Pilot Circuit)	1
16	A-108156-2	Valve - 3/4" Solenoid (208-240 V., 50/60 Hz.)	1
17	FP-36-92	Nipple - 3/4" x 1-3/8" Lg. (T.B.E.)	1
18	M-82231	Screen (3/4" Line Strainer)	1
19	M-82234	Plate - Seal (3/4" Line Strainer)	1
20	M-82236	Clamp (3/4" Line Strainer)	1
21	M-82238	Thumb Screw	1
22	R-67500-59	"O" Ring (3/4" Line Strainer)	1
23	M-82228	Line Strainer (3/4") (Incls. items #18, 19, 20, 21 & 22)	1
24	FP-36-92	Nipple - 3/4" x 1-3/8" Lg. (T.B.E.)	1
25	FP-36-92	Nipple - 3/4" x 1-3/8" Lg. (T.B.E.)	1
26	FP-22-17	Union - 3/4" (Grd. Seat)	1
27	FP-36-92	Nipple - 3/4" x 1-3/8" Lg. (T.B.E.)	1
28	FP-19-79	Tee - 3/4" x 1/4" x 3/4"	1
29	FP-28-6	Plug - 1/4" Sq. Hd. Pipe	1
30	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	1
31	B-102599	Bracket - Pipe Support	1
32	WL-3-43	Lock Washer - 5/16" x .117" x .056"	1
33	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	1
34	A-114683	Valve - 3/4" Globe (Incls. item #35)	1
35	FP-9-8	Disc - 3/4" Valve	1
36	P-70149-2	Handle - Steam Valve	1
37	P-67039-4	Plate - Adapter	1
38	P-67036	Gasket - Adapter Plate	1
39	R-67044	Plate - Mounting	1
40	P-67035	Gasket - Mounting Plate	1
41	R-77233	Plate - Clamping	1
42	SC-41-16	Fin. Bolt - 5/16"-18 x 1-3/8" Hex Hd.	6
43	WL-6-22	Lock Washer - 5/16" x .117" x .056"	6
44	NS-15-11	Full Nut - 5/16"-18 Hex Fin.	1
45	M-77219	Rod - Thermostat Bulb	1
46	M-79489	Clamp - "U" Thermostat Bulb	2
47	SC-21-26	Mach. Screw - #10-24 x 7/8" Rd. Hd.	2
48	WL-6-6	Lock Washer - #10 x .055" x .040"	2
49	NS-11-18	Mach. Nut - #10-24 Hex	2
	B-104250	Water Heater & Piping Sub-Assy. (Incls. items #1, 2 & 3)	1



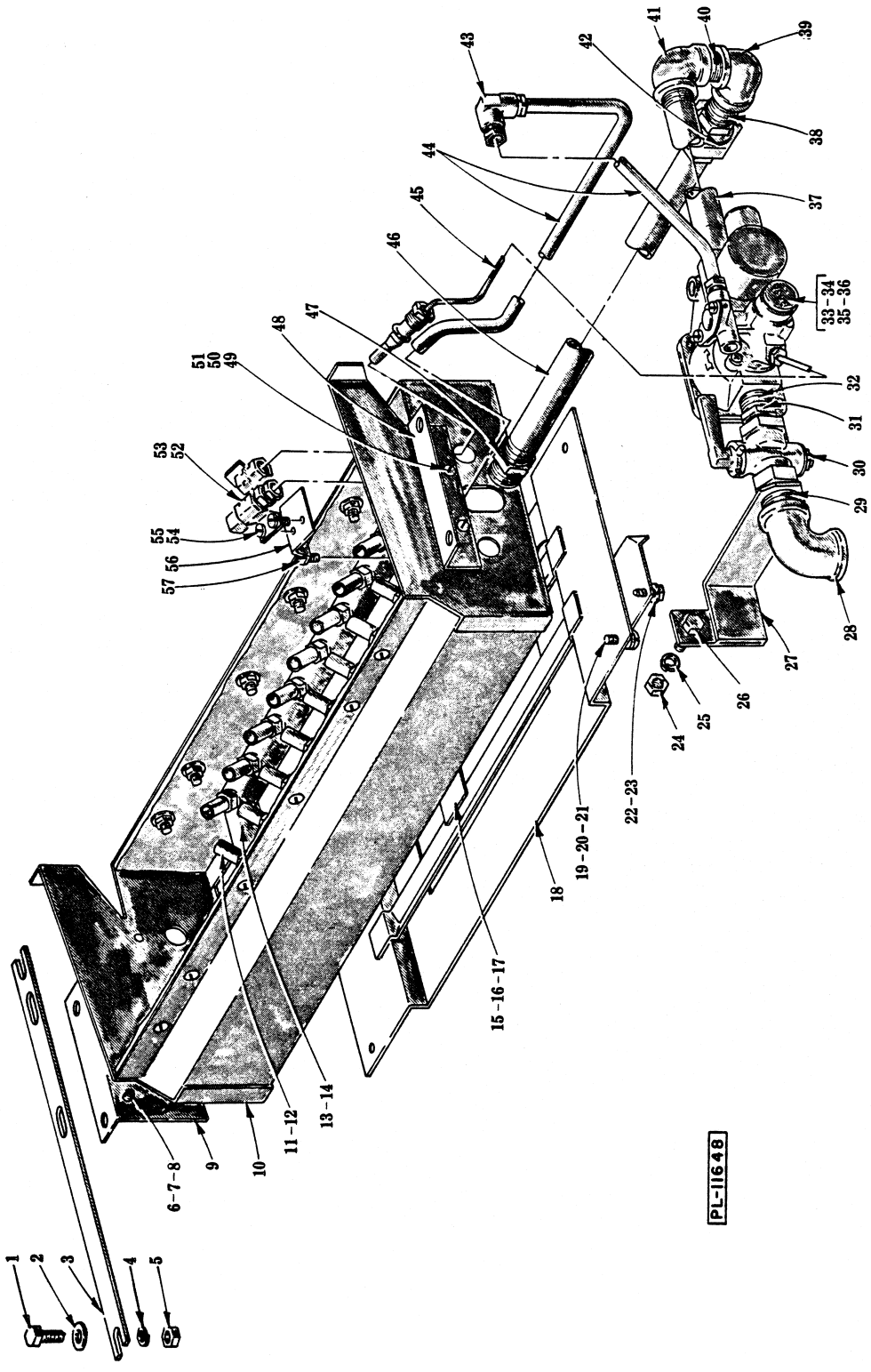
GAS BURNER UNIT (STYLE 1)
ML-15775

ILLUS. PL-11647	PART NO.	NAME OF PART	AMT.
1	R-77233	Plate - Clamping	1
2	SC-41-16	Fin. Bolt - 5/16"-18 x 1-3/8" Hex Hd.	6
3	WL-6-22	Lock Washer - 5/16" x .117" x .056"	6
4	P-67036	Gasket - Adapter Plate	1
5	P-67039-4	Plate - Adapter	1
6	P-67035	Gasket - Mounting Plate	1
7	R-67044	Plate Mounting	1
8	P-67036	Gasket - Adapter Plate	1

GAS BURNER UNIT (STYLE 1) (Cont.)

ML-15775

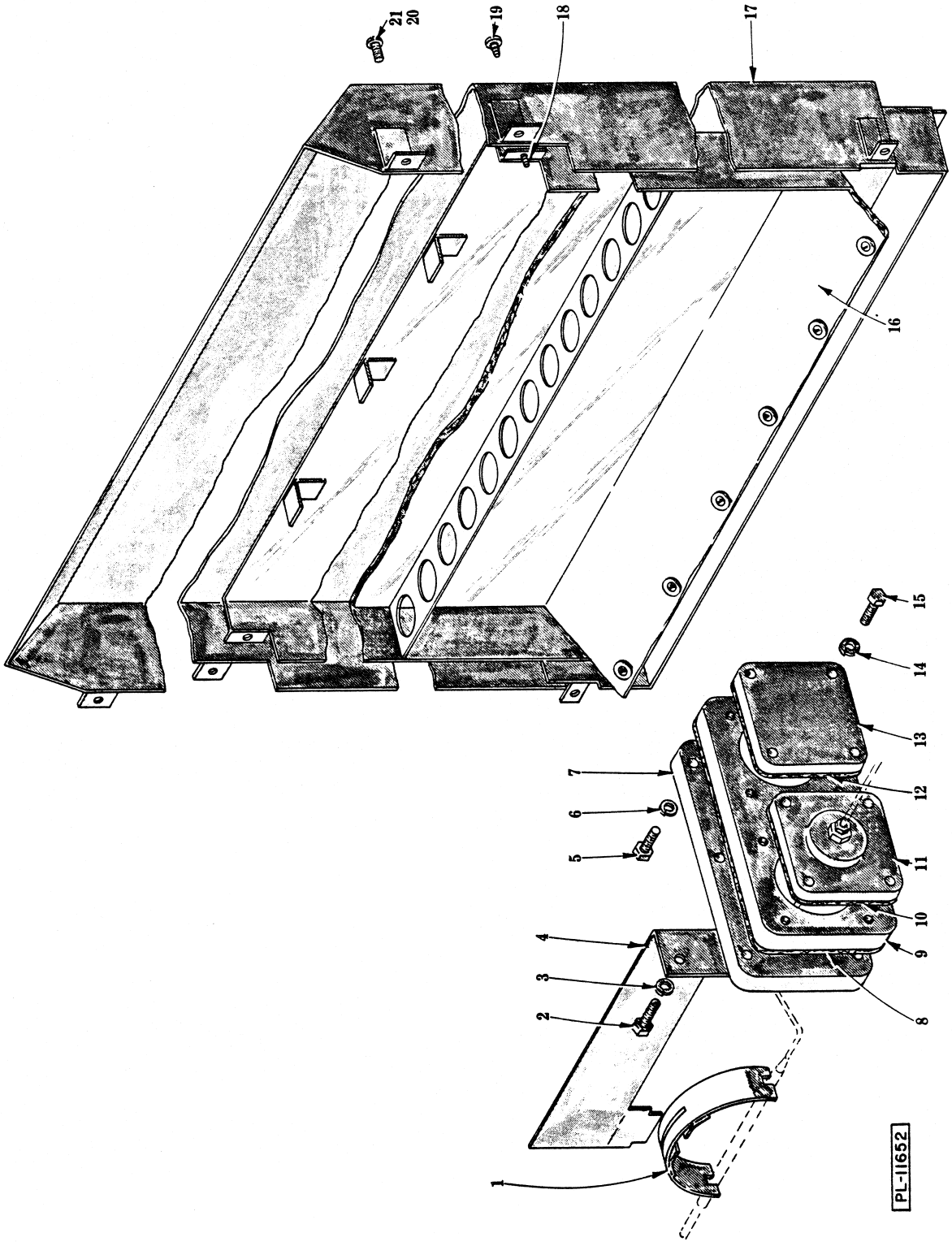
ILLUS. PL-11647	PART NO.	NAME OF PART	AMT.
9	P-67038	Cover - Blind	1
10	WL-6-22	Lock Washer - 5/16" x .117" x .056"	8
11	SC-41-14	Fin. Bolt - 5/16"-18 x 1-1/8" Hex Hd.	8
12	S-79711	Flue Assy. (Outer Shell)	1
13	SD-7-43	Self-Tapping Screw - #10 x 3/8" Rd. Hd., Type B	6
14	S-79712	Flue Liner Assy.	1
15	P-79745-2	Pilot - Burner (Incls. item #24) (Nat. Gas, 1050 BTU)	1
16	P-79745-3	Pilot - Burner (Incls. item #25) (L.P. Gas, 2500-3200 BTU)	1
17	P-79745-4	Pilot - Burner (Incls. item #26) (Mfg. Gas, 500 BTU)	1
18	P-79745-5	Pilot - Burner (Incls. item #27) (But. Air Gas, 525 BTU)	1
19	P-69696-1	Lead - Thermocouple	1
20	P-23963-6	Tube - 1/4" O.D. Gas	1
21	SC-7-42	Mach. Screw - #8-32 x 1/2" Rd. Hd.	2
22	WL-3-15	Lock Washer - #8 x .047" x .031"	2
23	M-69780	Compression Fitting - 1/4" Tube	1
24	M-80190-1	Spud - Pilot (Incls. item #23) (Nat. Gas, 1050 BTU)	1
25	M-80190-3	Spud - Pilot (Incls. item #23) (L.P. Gas, 2500-3200 BTU)	1
26	M-80190-2	Spud - Pilot (Incls. item #23) (Mfg. Gas, 500 BTU)	1
27	M-80190-4	Spud - Pilot (Incls. item #23) (But. Air Gas, 525 BTU)	1
28	R-19610	Burner - Gas (Approx. 15" Lg.)	1
29	FP-36-3	Nipple - 3/4" x 2-3/4" Lg. (T.B.E.)	1
30	M-24142-1	Spud (Mfg. & Nat. Gas, 500-1050 BTU)	1
31	M-24142-3	Spud (Short Burner) (L.P. Gas, 2500-3200 BTU)	1
32	M-24142-5	Spud (Long Burner) (L.P. Gas, 2500-3200 BTU)	1
33	M-13011-1	Orifice (Incls. item #30) (Mfg. & Nat. Gas, 500-1050 BTU)	1
34	M-13011-3	Orifice (Short Burner) (Incls. item #31) (L.P. Gas, 2500-3200 BTU)	1
35	M-13011-5	Orifice (Long Burner) (Incls. item #32) (L.P. Gas, 2500-3200 BTU)	1
36	SC-7-77	Mach. Screw - #10-24 x 1/2" Rd. Hd.	2
37	M-12821	Disc - Air Adjusting	2
38	M-12831	Body - Mixing	2
39	FP-59-14	Nipple - 3/4" x 4-1/2" Lg. (T.B.E.)	1
40	SC-8-69	Mach. Screw - 1/4"-20 x 5/8" Rd. Hd.	2
41	NS-13-1	Full Nut - 1/4"-20 Hex Fin.	2
42	WL-3-36	Lock Washer - 1/4" x .107" x .047"	2
43	M-22013	Clamp - Pipe	2
44	S-19609	Burner - Gas (27-7/8" Lg.)	1
45	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	1
46	WS-5-5	Washer	1
47	WL-3-43	Lock Washer - 5/16" x .117" x .056"	1
48	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	1
49	R-79692	Cover - Lighter Hole	1
50	M-69909-3	Coupling (3/8" Male Pipe x 1/2" Tube)	1
51	M-71197-3	Elbow - 90° (3/8" Male Pipe x 1/2" Tube)	1
52	P-66304-15	Tube	1
53	M-69909-3	Coupling (3/8" Male Pipe x 1/2" Tube)	1
54	FP-19-10	Tee - 3/8"	1
55	FP-35-49	Nipple - 3/8" x 1-1/2" Lg. (T.B.E.)	1
56	P-86492-2	Valve - Basotrol (208-230 V., 50/60 Hz.)	1
57	P-86492-1	Valve - Basotrol (115 V., 50/60 Hz.) (Pilot Circuit)	1
58	FP-35-61	Nipple - 3/8" x 3-1/2" Lg. (T.B.E.)	1
59	P-69692	Valve - Baso	1
60	FP-35-53	Nipple - 3/8" x 2-1/8" Lg. (T.B.E.)	1
61	FP-13-11	Elbow - 3/8" x 90°	1
62	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	1
63	WL-3-43	Lock Washer - 5/16" x .117" x .056"	1
64	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	1
65	P-79748	R.H. Pipe Support & Bracket Assy.	1
66	M-71197-3	Elbow - 90° (3/8" Male Pipe x 1/2" Tube)	1
67	P-79759	Tube - Gas	1
68	T-79696	R.H. Gas Burner Housing Assy.	1
69	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	1
70	M-74398	Speed Nut - #10-24	1
71	M-81921	Mach. Screw - Trimmed Hex Hd.	1
72	P-79691	Support - Gas Burner Housing	1
73	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	1
74	WL-3-43	Lock Washer - 5/16" x .117" x .056"	1
75	P-79655	Retainer & Support Assy.	1
76	R-79809	R.H. Support & Tab Assy.	1
77	SC-41-9	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2
78	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2



GAS BURNER UNIT (STYLE 2)

GAS BURNER UNIT (STYLE 2)
ML-17773

ILLUS. PL-11648	PART NO.	NAME OF PART	AMT.
1	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	8
2	WS-5-5	Washer	8
3	B-104784	Support - Burner Housing	2
4	WL-3-43	Lock Washer - 5/16" x .117" x .056"	8
5	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	8
6	SC-7-74	Mach. Screw - #10-24 x 3/8" Rd. Hd.	4
7	WL-3-22	Lock Washer - #10 x .055" x .040"	4
8	NS-9-21	Mach. Nut - #10-24 Hex	4
9	B-105845	Support - Burner Housing (Inside)	1
10	E-104908	Burner Housing & Insulation Assy.	1
11	A-105763-1	Jet - Gas Burner (Nat. or Mixed Gas)	As Reqd.
12	A-105763-2	Jet - Gas Burner (L.P. Gas)	As Reqd.
13	D-105198-1	Gas Burner Assy. (Nat. or Mixed Gas) (Incls. item #11)	1
14	D-105198-2	Gas Burner Assy. (L.P. Gas) (Incls. item #12)	1
15	A-104906	Support - Burner	1
16	SC-8-72	Mach. Screw - 1/4"-20 x 1" Rd. Hd.	1
17	WL-3-36	Lock Washer - 1/4" x .107" x .047"	1
18	D-104935	Heat Shield & Baffle Sub-Assy.	1
19	SC-7-71	Mach. Screw - #10-24 x 1/4" Rd. Hd.	4
20	WL-3-22	Lock Washer - #10 x .055" x .040"	4
21	WS-2-19	Washer	4
22	B-104783	Cover - Lighter Hole	1
23	SA-16-6	Screw & Washer Assy. - #10 x 3/8" Slot. Hex Hd., Type AB	2
24	NS-13-11	Full Nut - 5/16"-18 Hex Fin.	1
25	WL-3-43	Lock Washer - 5/16" x .117" x .056"	1
26	SC-36-25	Fin. Bolt - 5/16"-18 x 3/4" Hex Hd.	1
27	B-104958	Pipe Support & Bracket Assy. (R.H.)	1
28	FP-13-22	Elbow - 3/4" x 90°	1
29	FP-59-19	Nipple - 3/4" x 1-1/2" Lg. (T.B.E.)	1
30	FP-11-26	Gas Cock - 3/4" (Lever Handle)	1
31	FP-26-20	Bushing - 3/4" to 1/2" Hex Reducing	1
32	FP-36-93	Nipple - 1/2" x 1-5/8" Lg. (T.B.E.)	1
33	C-105018-1	Valve - Control (Nat. or Mixed Gas) (115 V., 50/60 Hz.) (Pilot Circuit)	1
34	C-105018-2	Valve - Control (Nat. or Mixed Gas) (208-240 V., 50/60 Hz.)	1
35	C-105019-1	Valve - Control (L.P. Gas) (115 V., 50/60 Hz.) (Pilot Circuit)	1
36	C-105019-2	Valve - Control (L.P. Gas) (208-240 V., 50/60 Hz.)	1
37	FP-59-87	Nipple - 1/2" x 8-1/2" Lg. (T.B.E.)	1
38	FP-59-1	Nipple - 1/2" x 1-3/4" Lg. (T.B.E.)	1
39	FP-13-15	Elbow - 1/2" x 90°	1
40	FP-35-91	Nipple - 1/2" x 1-1/8" Lg. (T.B.E.)	1
41	FP-13-15	Elbow - 1/2" x 90°	1
42	FP-22-11	Union - 1/2" (Grd. Seat)	1
43	FP-47-22	Elbow - 90° Union (1/4" Tube x 1/4" Tube)	1
44	P-23963-9	Tube - 1/4" O.D. Gas	2
45	P-69696-1	Lead - Thermocouple	1
46	FP-59-87	Nipple - 1/2" x 8-1/2" Lg. (T.B.E.)	1
47	FP-26-20	Bushing - 3/4" to 1/2" Hex Reducing	1
48	B-104878	Support - Burner Housing (Outside)	1
49	SC-7-74	Mach. Screw - #10-24 x 3/8" Rd. Hd.	4
50	WL-3-22	Lock Washer - #10 x .055" x .040"	4
51	NS-9-21	Mach. Nut - #10-24 Hex	4
52	B-105045-1	Pilot Assy. (Nat. or Mixed Gas)	1
53	B-105045-2	Pilot Assy. (L.P. Gas)	1
54	SC-7-71	Mach. Screw - #10-24 x 1/4" Rd. Hd.	2
55	WL-3-22	Lock Washer - #10 x .055" x .040"	2
56	B-104905	Support - Pilot Light	1
57	SC-7-71	Mach. Screw - #10-24 x 1/4" Rd. Hd.	2

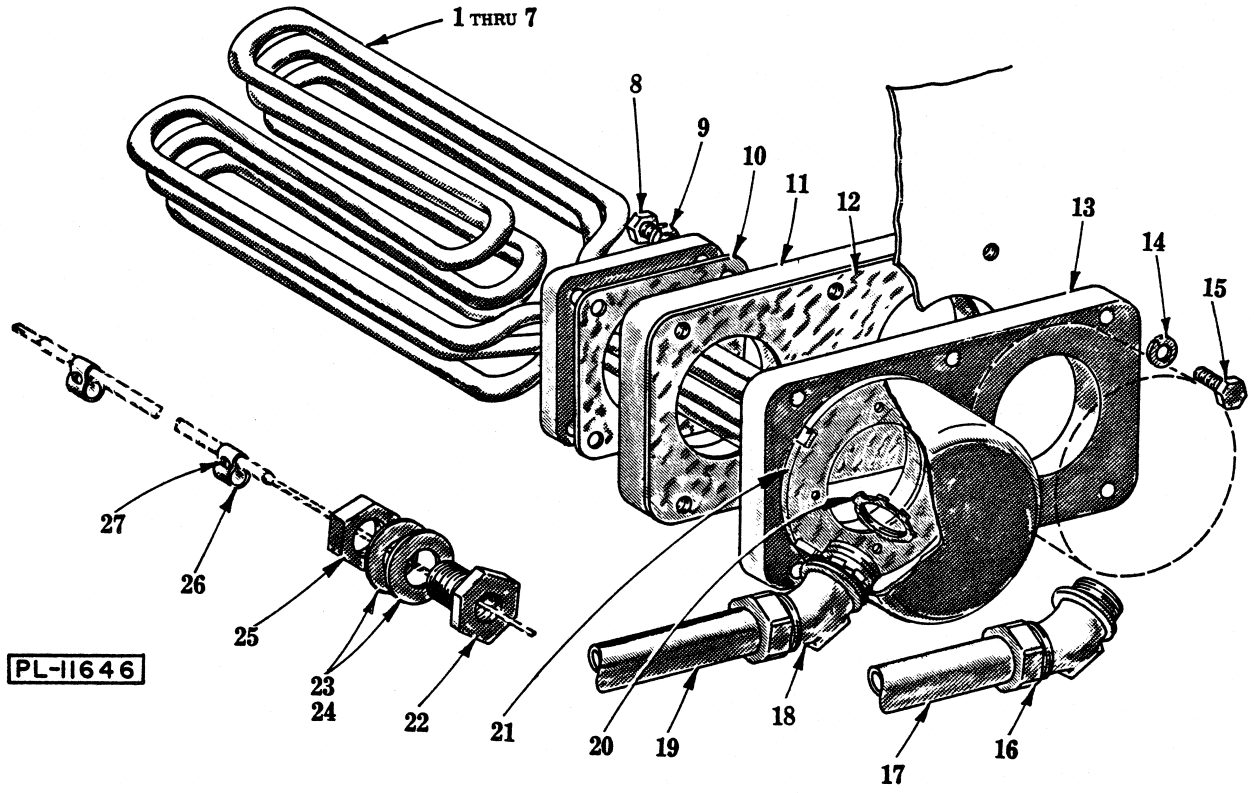


FLUE AND MOUNTING PLATES (GAS HEAT, STYLE 2)

FLUE AND MOUNTING PLATES (GAS HEAT, STYLE 2)

ML-17773

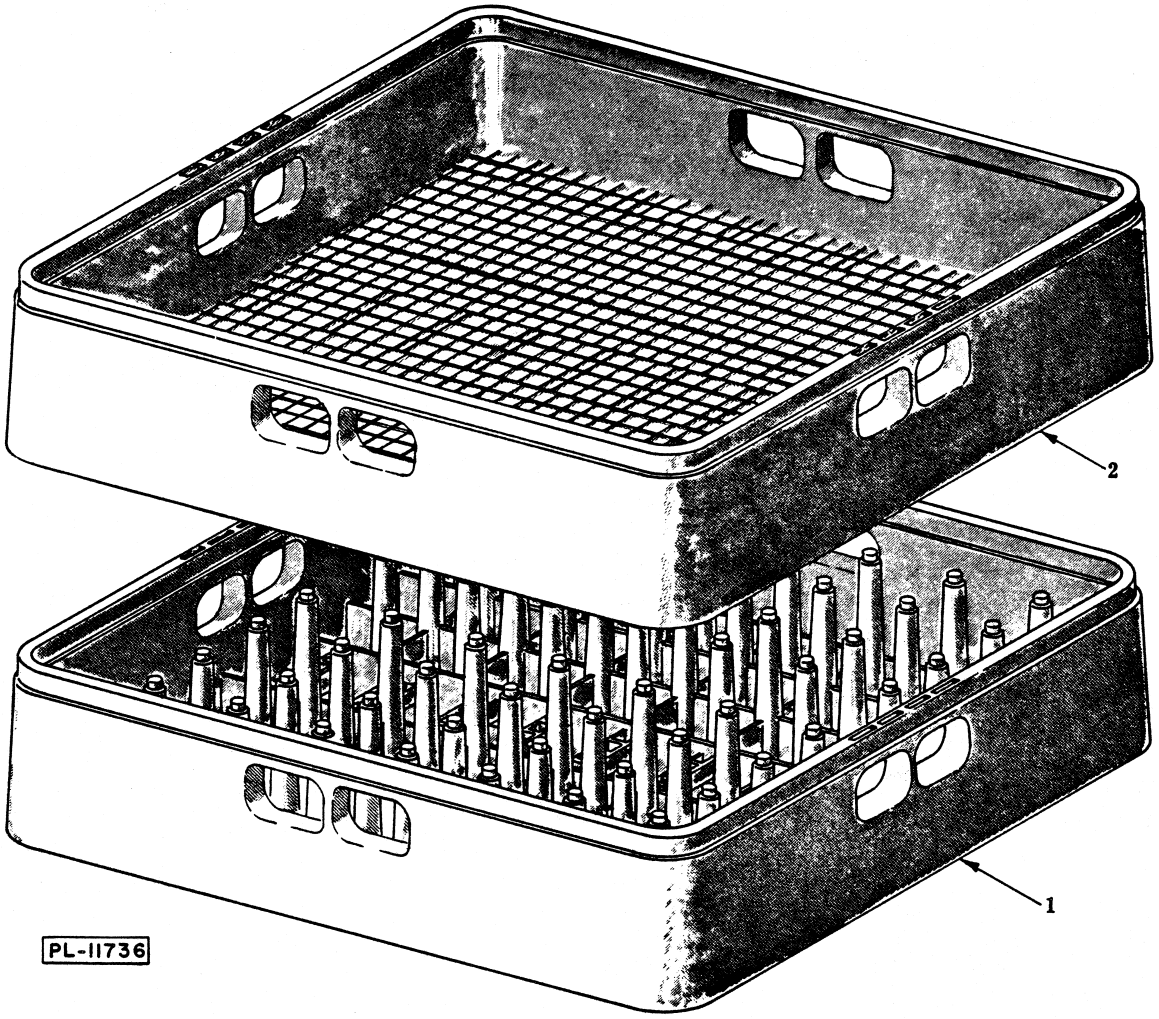
ILLUS. PL-11652	PART NO.	NAME OF PART	AMT.
1	P-79655	Retainer & Support Assy.	1
2	SC-41-9	Fin. Bolt - 5/16"-18 x 1/2" Hex Hd.	2
3	WL-6-22	Lock Washer - 5/16" x .117" x .056"	2
4	R-79809	Support & Tab Assy. (R.H.)	1
5	SC-41-16	Fin. Bolt - 5/16"-18 x 1-3/8" Hex Hd.	6
6	WL-6-22	Lock Washer - 5/16" x .117" x .056"	6
7	R-77233	Plate - Clamping	1
8	P-67035	Gasket - Mounting Plate	1
9	R-67044	Plate - Mounting	1
10	P-67036	Gasket - Adapter Plate	1
11	P-67039-4	Plate - Adapter	1
12	P-67036	Gasket - Adapter Plate	1
13	P-67038	Cover - Blind	1
14	WL-6-22	Lock Washer - 5/16" x .117" x .056"	8
15	SC-41-14	Fin. Bolt - 5/16"-18 x 1-1/8" Hex Hd.	8
16	D-104956	Flue & Insulation Assy.	1
17	E-106799	Outer Flue Shell Assy.	1
18	SD-7-43	Self-Tapping Screw - #10 x 3/8" Rd. Hd., Type B	3
19	SD-7-43	Self-Tapping Screw - #10 x 3/8" Rd. Hd., Type B	3
20	SC-21-23	Mach. Screw - #10-24 x 1/2" Rd. Hd.	2
21	NS-31-15	Stop Nut - #10-24 "Elastic"	2



ELECTRIC HEATER - 20 KW (USES TWO 10 KW UNITS)

ELECTRIC HEATER - 20 KW (USES TWO 10 KW UNITS)

ILLUS. PL-11646	PART NO.	NAME OF PART	AMT.
1	M-89233-1	Heater - 10 KW Electric (208 V., 3 Ph.) (Incls. item #26)	2
2	M-89233-2	Heater - 10 KW Electric (220 V., 3 Ph.) (Incls. item #26)	2
3	M-89233-3	Heater - 10 KW Electric (440 V., 3 Ph.) (Incls. item #26)	2
4	M-89233-4	Heater - 10 KW Electric (380 V., 3 Ph.) (Incls. item #26)	2
5	M-89233-5	Heater - 10 KW Electric (208 V., 1 Ph.) (Incls. item #26)	2
6	M-89233-6	Heater - 10 KW Electric (230 V., 1 Ph.) (Incls. item #26)	2
7	M-89233-8	Heater - 10 KW Electric (480 V., 3 Ph.) (Incls. item #26)	2
8	SC-41-14	Fin. Bolt - 5/16"-18 x 1-1/8" Hex Hd.	8
9	WL-6-22	Lock Washer - 5/16" x .117" x .056"	8
10	P-67036	Gasket - Adapter Plate	2
11	R-67044	Plate - Mounting	1
12	P-67035	Gasket - Mounting Plate	1
13	R-77233	Plate - Clamping	1
14	WL-6-22	Lock Washer - 5/16" x .117" x .056"	6
15	SC-41-16	Fin. Bolt - 5/16"-18 x 1-3/8" Hex Hd.	6
16	FE-8-24	Connector - 45° "Sealtite" (3/4" Male Thd. x 3/4" Flex. Cnd.)	2
17	P-77657-3	Conduit - 3/4" x 20" (Waterproof)	1
18	FE-8-24	Connector - 45° "Sealtite" (3/4" Male Thd. x 3/4" Flex Cnd.)	2
19	P-77657-13	Conduit - 3/4" x 15" (Waterproof)	1
20	FE-6-6	Lock Nut - 3/4"	2
21	C-113864	Gasket	2
22	P-79531	Adapter - Tank Thermostat	1
23	WS-12-40	Washer	2
24	508454	Sealer (1/8" Rd.)	As Reqd.
25	FP-30-16	Lock Nut - 1/2" Pipe	1
26	M-77802	Clip - Mounting (Incls. item #27)	2
27	SD-9-18	Self-Tapping Screw - #2-56 x 1/2" Rd. Hd., Type F	2
	P-86444	Insulator - Terminal (Above 250 V.)	2



DISH RACKS

ILLUS. PL-11736	PART NO.	NAME OF PART	AMT.
1	E-113788	Rack - Peg	1
2	E-113837	Rack - Combination	1