



**CONTINUOUS
GRAIN DRYER**

**ASSEMBLY-OPERATION AND
MAINTENANCE INSTRUCTIONS**

MODELS 300-400-600-800-1600
FROM SERIAL NO. 13,236—

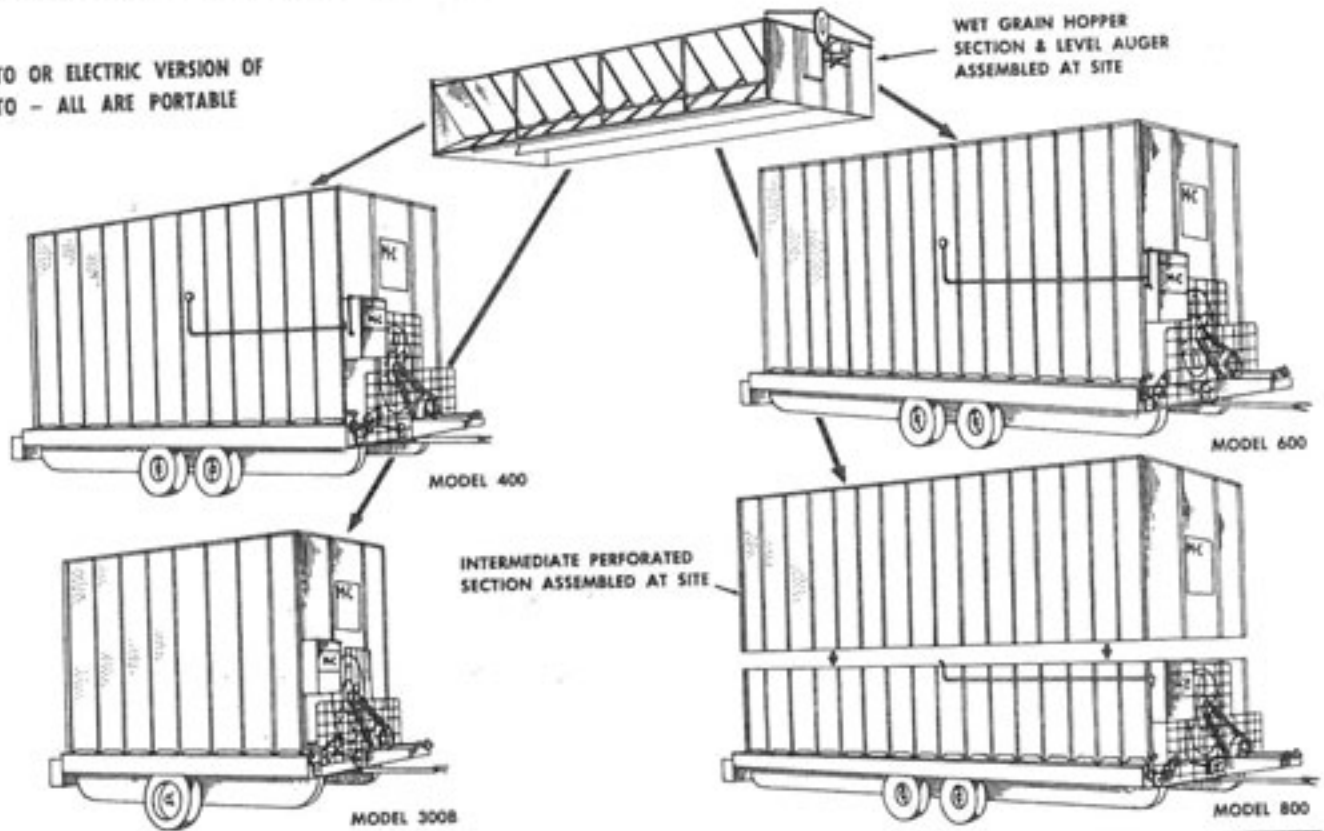
DM 67

MATHEWS COMPANY

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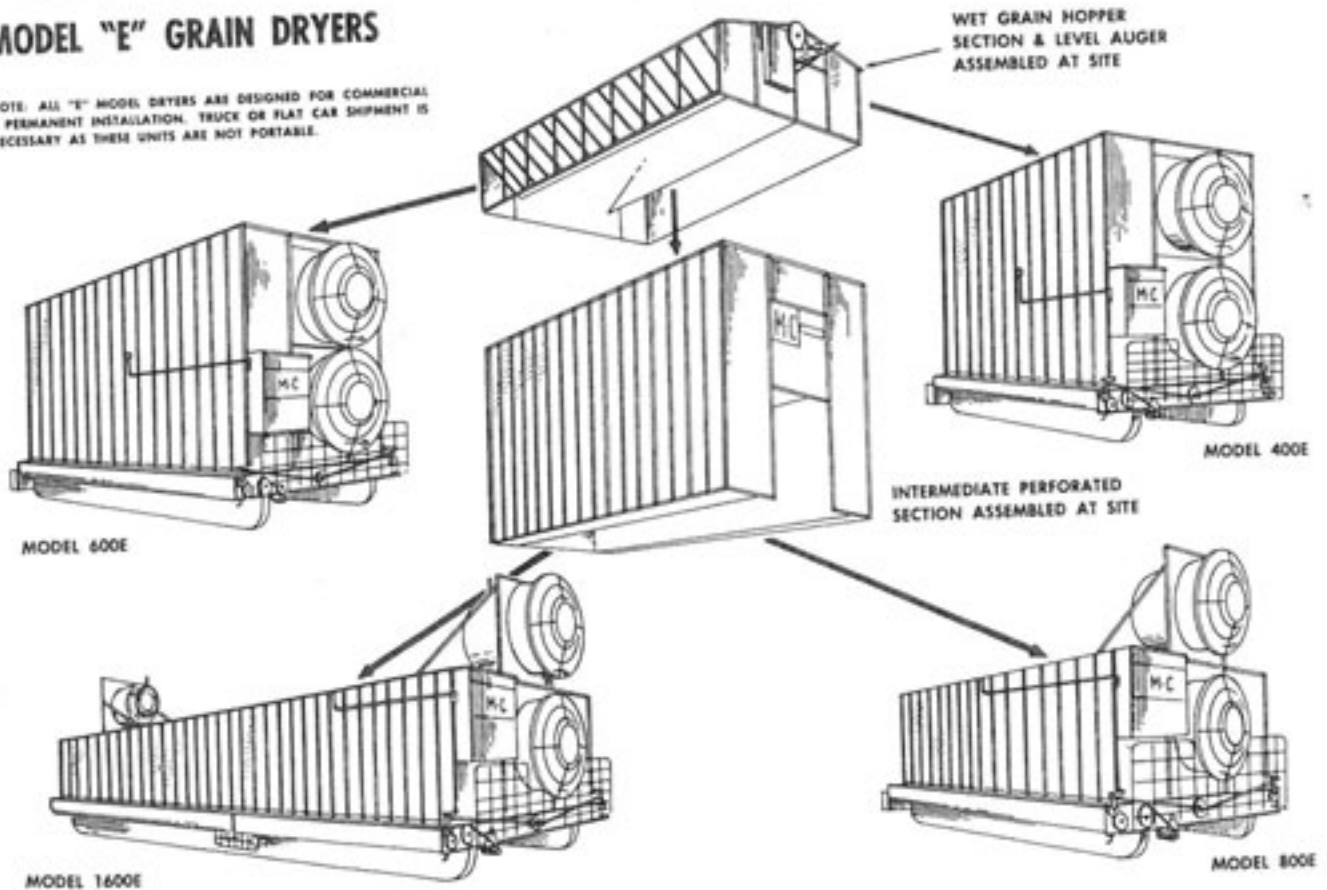
TRANSPORTATION & GENERAL ASSEMBLY INFORMATION

PTO OR ELECTRIC VERSION OF
PTO - ALL ARE PORTABLE



MODEL "E" GRAIN DRYERS

NOTE: ALL "E" MODEL DRYERS ARE DESIGNED FOR COMMERCIAL & PERMANENT INSTALLATION. TRUCK OR FLAT CAR SHIPMENT IS NECESSARY AS THESE UNITS ARE NOT PORTABLE.



OPERATING INSTRUCTIONS FOR M-C GRAIN DRYERS

SERIES 300-400-600-800-1600

Every M-C Grain Dryer is test run before leaving the factory. Inspection is made of all moving parts, gas lines, and control systems. Therefore, your dryer should function properly when it reaches you.

We advise that you set your dryer in position and check it out before filling it with grain, in the event any damage may have occurred during shipment. The dryer should be installed on level ground. If the ground is soft, lay planks on the ground, spaced, so that the skids of dryer will rest firmly on them. Remove wheels or dig holes where wheels are to be located, and pull dryer into position. For permanent installations, pour a concrete slab.

Advise your LP gas supplier that the dryer takes liquid gas from the bottom of the tank [not vapor]. When the gas dealer hooks up the system, have him use the No. 1217021 excess flow valve [see gas flow diagram] furnished with the dryer. The No. 1217021 excess flow valve will shut off flow of gas, should the line break between tank and dryer. The valve furnished with the dryer will shut off quicker than those normally furnished by the gas supplier. We provide the valve as an extra safety precaution. Use a minimum of $\frac{3}{8}$ " ID tubing between tank and dryer - on long runs use a larger diameter. Connect line from tank to short length of rubber hose on dryer.

For natural gas operation you need a minimum of 5 lbs. operating pressure. If you hook up for natural gas, see separate instructions [Page 6].

After dryer is set in place, bolt top hopper sections in place [See instructions on page 16]. Connect PTO shaft to tractor 540 RPM and 110 volt electric line to cord at lower left on control panel. The 3-pole fused electric plug and cord extending from the control cabinet supplies the power required to operate the dryer control circuits only. Do not under any circumstances remove this plug from the machine. For electrical leads over 50 feet [especially on models with leveling augers] be sure line is heavy enough to carry the load. For electric motor models, bring power line to magnetic starter. [See wiring diagram on page 12].

If auxiliary equipment is to be added to the dryer, such as lever or unloading augers, a separate power source will be required for these items.

NOTE: Turn fan over by hand before starting motor to make sure all parts are running free. Start fans in operation to make sure they are running properly. The 3-way switch for unloading should be in the "Off" position. [Ratchet pawls are then disengaged]. Shut off fans and fill dryer with grain. Enough grain should be put into dryer to fill drying and cooling columns on sides, and wet holding bin on top.



Read Through The Following Instructions Before Attempting To Run Your Dryer The First Time

To Operate Dryer Follow This Procedure:

1. Start fans in operation. [PTO 540 RPM]
2. Open pilot hand valve. [9]
3. When light No. 4 and No. 5 come on, open main burner hand valve [5]. Open only partially at first in cold weather until dryer warms to avoid gas line frosting. Then set modulating valve [4] to desired operating temperature. To increase temperature turn adjusting screw in, to decrease turn out. We recommend 180° for corn and milo, 160° for wheat, 120° for soybeans, barley and oats, 110° for seed grains.
4. When you start drying wet grain for the first time you must hold grain in the dryer before letting it come out. With the ratchet pawls of the grain feeding mechanism disengaged, the grain will stay in the dryer, however, the augers will be running. The 3-way switch [moisture control] should be in the "Off" position. [Ratchet pawls will be disengaged]. When drying 30% corn to 12%, leave the grain in the dryer for approximately 1½ hours. This time varies with the moisture of the grain going in. Grain with less than 30% moisture will require less pre-heat time.
5. After a sufficient amount of time, engage the ratchet pawls. The 3-way moisture control switch should be placed in the "Manual" position. This will drop the ratchet pawls into place and allow you to get your dryer operating properly before setting it on automatic control.
6. The grain in the cooling section [the lower section of the side columns below the dividing floor] has not been subjected to hot air and must be run back through the dryer. Once you have completed this cycle it is not necessary to do it again. You can leave grain in the dryer when you stop at night and the next day you can start right out drying and cooling.

For dryer installations where it is not convenient to run wet grains back, the trap door on inside of the 400, 600 and 800 machines can be taken out, and a cardboard placed over the back fan at the beginning. In this manner, hot air will be delivered to all parts of the dryer. After about 1 hour and 15 minutes, replace trap door and remove cardboard. Run for another one half hour before engaging ratchet pawls.
7. For safe bin storage practically all grains must be reduced to 13% moisture or less.

As the dried grain begins to come out of your dryer, check it with a moisture tester for moisture content. If the moisture content is too high, slow the unloading mechanism down. If the moisture content is too low, increase the speed of the unloading mechanism.

NOTE: Wait from 30 to 45 minutes after making adjustments before testing moisture again.

8. The speed of the unloading mechanism can be increased or decreased with a combination of two adjustments.
 - [a] The speed of the feed rolls and side augers can be adjusted together by adjusting the hand lever on the "Variable Drive Pulleys". Pull the hand lever to the left to increase speed - push to the right to decrease speed.
 - [b] The feed rolls can be adjusted independently of the side augers by sliding the "Eccentric Connecting Rod" along the slotted bracket on the eccentric sprocket. The eccentric sprocket is located at the center of the base on the drive end of the dryer. Moving the eccentric connecting rod towards the center of the sprocket will decrease the stroke and slow down the feed rolls. Moving it away from the center of the sprocket will increase the stroke and speed up the feed rolls.

All dryers are set at the factory to have the ratchet pawls engage one tooth on the ratchet wheels.

The variable speed pulleys are used for finer adjustments than you can obtain by setting the eccentric connecting rod.

CAUTION: The Variable Drive Belts should not be kept too tight.

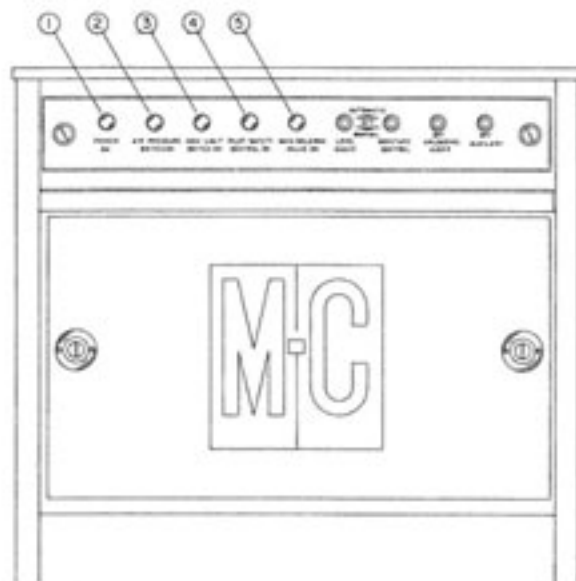
To insure continued trouble free operation of the variable drive assembly, it is a good idea to run through the full cycle from slow to fast, at least once every other day. This will keep rust from forming on the shaft. *Important:* Should trouble occur within the variable drive, do not attempt to repair it. Remove the unit and return it to your M-C Dealer.

IMPORTANT - ADJUST VARIABLE SPEED PULLEY ONLY WHEN MACHINE IS OPERATING. Variable drive will not operate [pulleys will not change diameter] if machine is not running. To increase pulley speed, pull handle out [toward side of dryer] and push in [toward fans] to reduce pulley speed.

9. If you are drying at high capacity, taking out small amounts of moisture, it may be necessary

to increase the speed of the unloading mechanism **CONSIDERABLY**. Pulling the hand lever on the variable speed drive pulleys to the left will increase the rate of feeding grain out of the dryer. Should more unloading speed be needed [grain still coming out to dry], slide the eccentric connecting rod farther away from the center of the eccentric sprocket. This will

cause the ratchet pawls to engage every second or third tooth on the feed roll ratchet wheels. In making these adjustments **BE CAREFUL NOT TO RUN MORE GRAIN OUT OF THE FEED ROLLS THAN THE SIDE AUGERS CAN CARRY AWAY!** Four teeth is about the maximum adjustment that the augers can handle.



CONTROL PANEL - ELECTRIC AND GAS CONTROL

The Control Panel consists of temperature and safety controls. There are five lights wired in series with the controls to indicate operation.

Control Lights

No. 1 Lights when electric power is on.

No. 2 Lights when fan is running [air pressure completes circuit to pilot valve letting gas flow to pilot].

No. 3 Lights when high limit control circuit is closed.

This indicates the high limit temperature safety device is operating.

No. 4 Lights in 60 to 90 seconds after flame at pilot tip has heated thermocouple establishing circuit at pilot control.

No. 5 Lights when the temperature control calls for heat.

10. Regulate your drying to correspond with your harvesting. If you find you cannot keep up with the Dryer, reduce the temperature of the air by using a lower temperature setting on modulating valve, [4] thus slowing the drying down. In this way you can operate very efficiently.

11. **IMPORTANT:** Never let the level of the grain in your Dryer go below the bottom edges of the upper wet holding bin. When this happens the air pressure inside of the Dryer will drop, and the heat will automatically shut off.

Your dryer is a Continuous Flow Dryer and it is necessary to **HOLD THE GRAIN IN THE**

DRYER FOR A PERIOD OF TIME WHEN FINISHING A RUN. Ratchet pawls should be disengaged as described in Instruction No. 4. This will give the grain remaining in the Dryer time to become dried before the heat is automatically turned off. Allow about 30 minutes of drying time for high moisture grain [30%] and proportionately less for drier grain.

12. If you should accidentally get a foreign object in the grain feeding mechanism, shear pin on sprocket No. 1216401 at lower left side [as you face drive end of Dryer] will help to protect the feeding parts from breakage. Replace this pin when necessary. Do not use a shear pin larger than the 3/16" Cotter Pin put on sprocket at the factory.

13. AFTER YOU HAVE YOUR DRYER OPERATING PROPERLY AND DRYING YOUR GRAIN TO THE DESIRED MOISTURE CONTENT, you are ready to switch it to "Automatic Moisture Control."

Refer to the following Chart if you are drying shelled corn and set your moisture control dials, located on each side of your Dryer, at the correct number

APPROXIMATE SETTING
FOR SHELLED CORN

Thermostat Setting	Set Control Dial At - -	To Get - - Percent Moisture
140°	3.5	13 - 14%
180°	4.0	14 - 15%
180°	4.5	13 - 14%
180°	5.0	12 - 13%

14. Place 3-way switch for moisture control in the "Automatic Position".
15. When the combined temperatures of the air passing through the grain and the grain temperature are equal to the calibrated setting on the control dial, the ratchet pawls will engage the ratchet wheels and feed grain out of the Dryer. Check the moisture content of the grain coming out of EACH side auger by taking a moisture test. EACH SIDE OF DRYER SHOULD BE TESTED AND CONTROL DIAL FOR THAT SIDE ADJUSTED SEPARATELY. If the moisture is too high, in-

crease the setting of the control one point at a time until the correct moisture content is reached. Allow ample time between adjustments for the machine to correct itself, suggested time to be 1½ hours.

Adjust the grain unloading mechanism to correspond with the rate of feeding of the grain by the Automatic Moisture Controls [see Instructions No. 9 and No. 10]. THESE ADJUSTMENTS WILL ONLY BE SLIGHT IF YOU HAVE YOUR DRYER OPERATING CORRECTLY BEFORE SWITCHING IT TO "AUTOMATIC MOISTURE CONTROL". The speed of the variable drive should be fast enough to cause the Automatic Moisture Controls to operate intermittently. If the unloading mechanism is working too slowly, then the moisture controls will operate constantly and the grain will come out drier than the chart indicates.

It is most desirable to have just enough speed on the unloading mechanism to cause the grain to be fed out of the Dryer almost constantly. If for some reason you want to disengage the ratchet pawls - for instance, at the beginning or ending of a run, to hold the grain in the Dryer a longer period of time, put the 3-way moisture control switch in the "off" position [See Instructions No. 4 and No. 11]. The ratchet pawls will be disengaged and no grain will be fed out of the Dryer.

16. If you have followed the instructions carefully, your Dryer will operate CONTINUOUSLY without watching or adjusting as long as you keep it running and full of grain. "NO BABY SITTER NEEDED."



If You Have Trouble - Here Are Things To Look For!

Problem	Solution
1. Cannot Light Pilot	<ol style="list-style-type: none">1. [a] - Broken wire from transformer to spark plug.[b] - Too much gap between spark plug wire and pilot tip. [Short circuit elsewhere]. Set gap at 3/16".[c] - Electric power is not turned on.[d] - Air Pressure switch is not functioning.[e] - Push reset button on high limit control[f] - Orifice in pilot is plugged. Remove and clean.[g] - Check pilot solenoid valve to be sure it is opening up. Coil may be burned out.
2. Air pressure switch not functioning	<ol style="list-style-type: none">2. [a] - Dryer must be full of grain to operate. If Dryer runs out of grain, the air will escape freely and loss of air pressure causes air pressure switch to open circuit.[b] - Air tube from pressure switch into Dryer may be filled with chaff.
3. Main burner will not light	<ol style="list-style-type: none">3. [a] - Thermocouple from pilot control is not getting hot enough. Adjust pilot safety control bulb into flame enough to heat bulb sufficiently to establish contact, or regulate pressure in pilot pressure regulator.[b] - You do not have enough gas flow from tank. Check, make sure all valves from tank are full open. When burner is operating, pressure gauge will indicate flow of gas.
4. Heat shuts off	<ol style="list-style-type: none">4. [a] - Dryer has run low of grain[b] - Modulating valve may be faulty.[c] - High limit control may have cut out.[d] - Solenoid may be faulty.
5. Not enough heat.	<ol style="list-style-type: none">5. [a] - Valves from tank are not full open.[b] - Increase pressure at pressure regulator. [This is set at factory, however, to increase gas flow, adjust screw at side of pressure regulator.][c] - Orifice in main burner partially plugged. Remove and clean.

6. Main valve sticks.
 7. Gas lines frosting up.
 8. Lights do not work.
 9. Electric circuit out of order.
 10. Automatic Moisture Control does not work.
6. [a] - Remove top portion of valve and polish piston.
 7. [a] - When first starting burner, open the main hand valve only partially until the unit becomes warm.
 8. [a] - No electricity. Light bulbs burned out. Replace.
 9. [a] - Check circuit with wiring diagram furnished with instructions.
 10. [a] - Solenoid is burned out or a wire is broken. Check and make replacement. In the meantime OPERATE DRYER MANUALLY.

Instructions For Changing Over LP To Natural Gas Operation

For natural gas operation, a minimum of 5 lbs. of operating pressure is required on all models.

To convert an LP dryer to natural gas operation, it is advisable to purchase the complete pipe and control assembly within the cabinet. [The valves are larger, and 1- $\frac{1}{4}$ " I. D. pipe is used to assure an adequate flow of gas.] However, if natural gas line pressure is 20 lbs or more, it may be possible to oper-

ate efficiently with LP piping and controls, by removing the 1217004 pressure regulator.

The main burner orifice is $\frac{1}{4}$ " in diameter on LP units, and $\frac{3}{8}$ " on natural gas models. The pilot orifice holes on both natural and LP models are the same.

A list of required parts for conversion is shown on pages 8 and 9.

Lubrication

All bearings on the grain augers are pre-lubricated and require no further attention. The bearing on the fan shaft of the dryers should be lubricated with regular gun grease every 100 hours of operation. On the "B" model dryers, there are universal joint drive shafts connecting the hot air fan and cool air fan. These are reached by opening the trap door to the cooling chamber. **DO NOT OVER GREASE.**

One or two shots are sufficient. Caution: Excess greasing blows out seals. All other parts - ratchets, ratchet drive and chains, should be oiled with number 10 oil. When you stop using the dryer, grease and oil all parts.

Care should be taken to avoid getting oil into the ratchet pawl solenoids.



Instructions For Ordering Parts

1. ALL PARTS MUST BE ORDERED FROM YOUR DEALER.
2. GIVE MODEL NAME, NUMBER and SERIAL NUMBER that is stamped on the NAME PLATE of your machine.
3. Order parts from your PARTS LIST as this is the ONLY means we have of identifying the parts you need. Order by the QUANTITY DESIRED, the PART NUMBER and the DESCRIPTION OF PART.

Note: The Mathews Company reserves the right to incorporate any changes in design without obligation to make these changes on units previously sold.

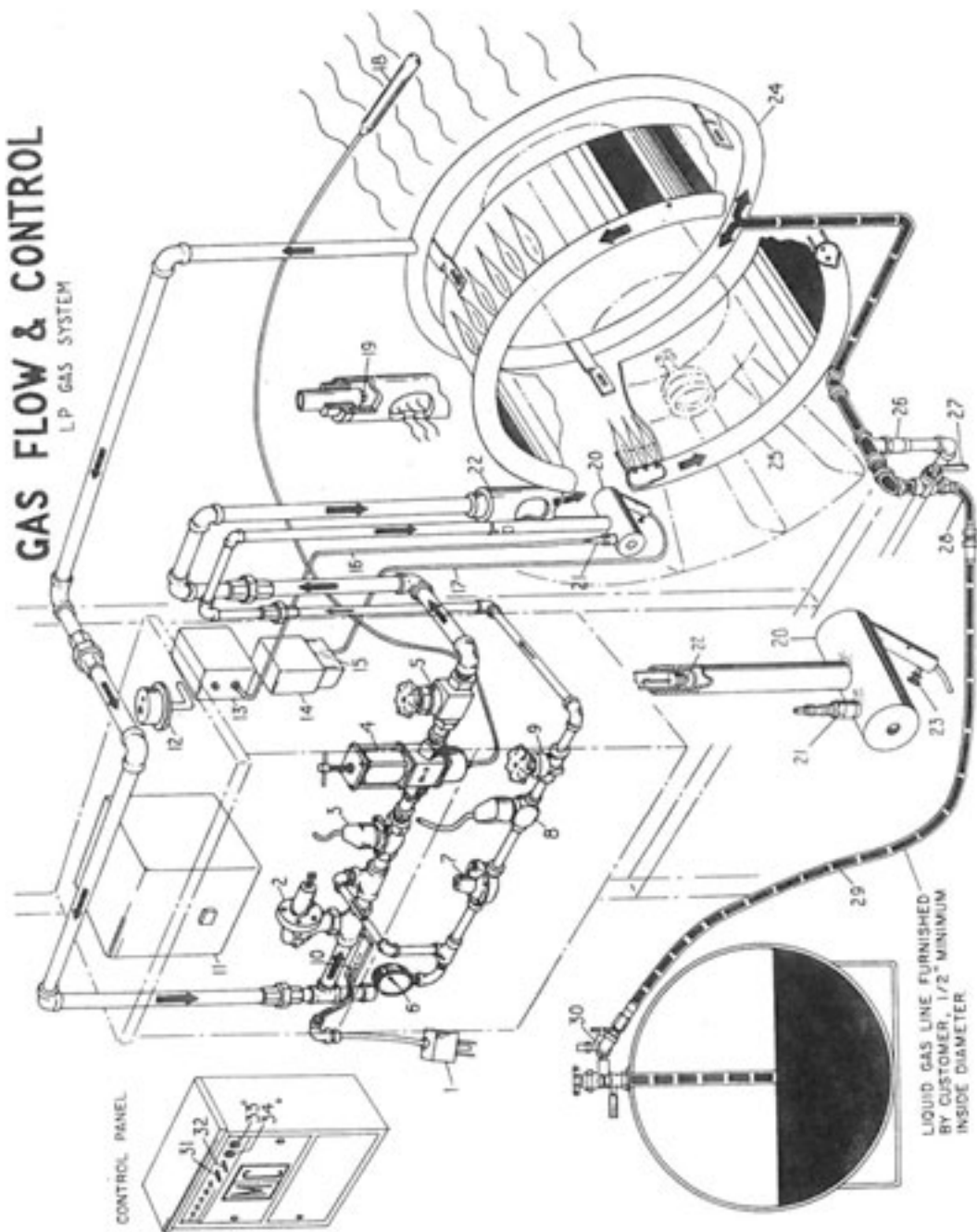


OWNERS NOTICE

**TO INSURE WARRANTY CLAIMS, BE CERTAIN TO FILL
OUT AND MAIL WARRANTY CARD WITHIN 30 DAYS.**

GAS FLOW & CONTROL

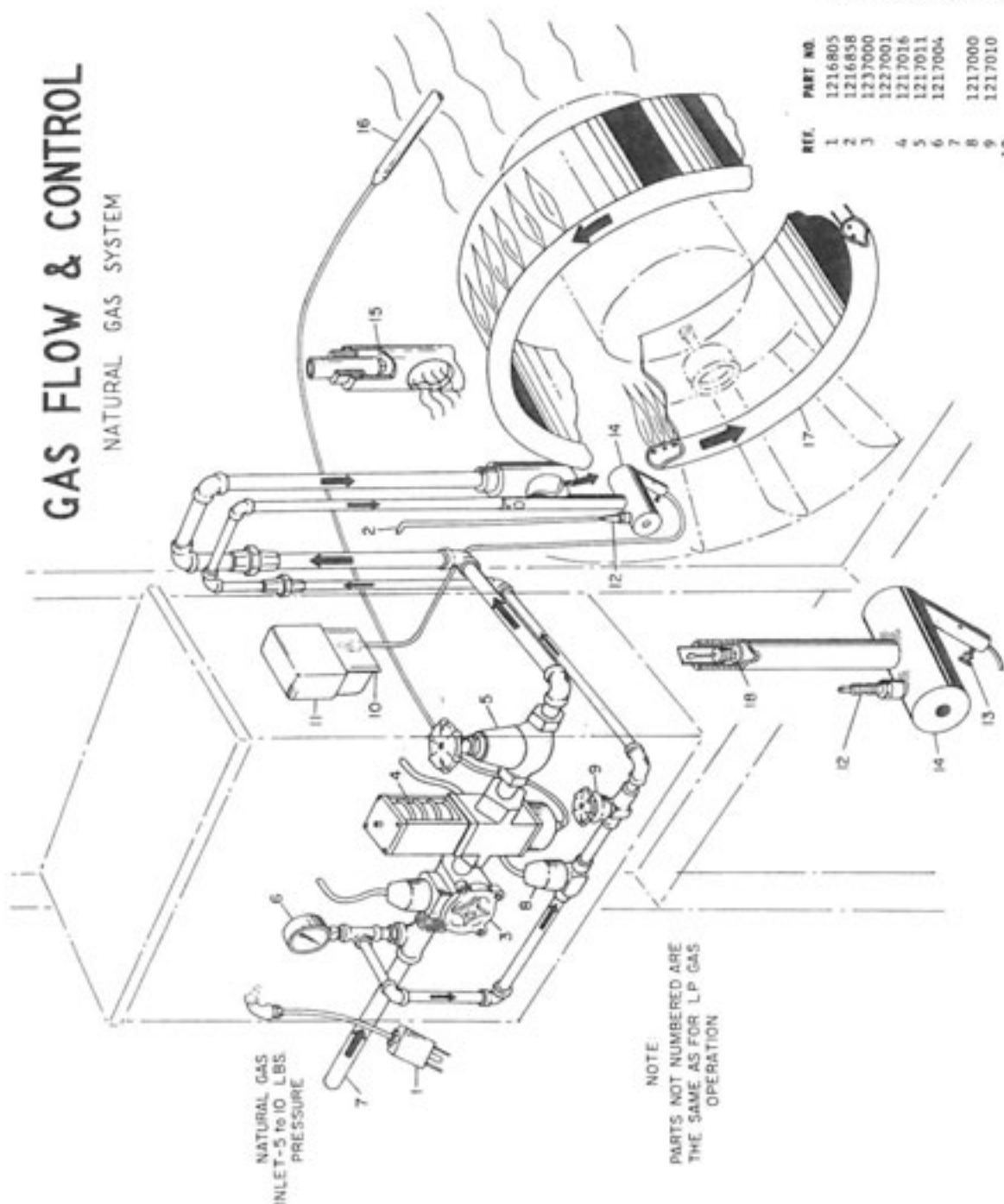
LP GAS SYSTEM



REF.	PART NO.	DESCRIPTION
1	1216805	15 Amp. Fuse
2	1217006	Pressure Regulator (LP Only)
3	1217002	Main Solenoid Valve LP
4	1217012	Modulating Valve LP
5	1217011	Main Gas Hand Valve
6	1217004	Gas Pressure Dial Gauge
7	1217009	Pilot Gas Pressure Regulator
8	1217000	Pilot Solenoid Valve
9	1217010	Pilot Hand Valve
10		Terminal Blocks (Order by Color & No. of Holes 3 or 6)
11	1216802	Magnetic Starter for L.S. 1 or 3 phase
12	1216849	Air Pressure Switch
13	1217020	Ignition Transformer
14	1217019	Base Pilot Safety Control
15		But on Thermocouple (Not Replaceable)
16	1216858	Ignition Wire
17	1216844	Thermocouple Lead Wire
18	1215530	Modulating Valve Bulb (Not Replaceable)
19	1210167	Main Burner Orifice for LP
20	1216842	Spark Plug
21	1211047	Pilot Orifice
22	1211047	Pilot Thermocouple Bulb
23	1218100	Set Screw For Holding Thermocouple Bulb
24	1210113	Vaporizer Ring Weldment
25	1210115	Pressure Relief Valve
26	1217013	Pressure Relief Valve
27	1217015	Liquid Line Hand Shut-Off Valve
28	1217005	Flexible "L" Gas Line Inlet Hose
29		Liquid Gas Line (Furnish by Customer)
30	1217021	1/2" Min I.D. LP Gas Tank Valve (Excess Flow)
31	1216806	3-Way Toggle Switch (Level Auger)
32	1216807	Toggle Switch (A.M.C.)
33	1216806	Auxiliary Switch (Optional)
34	1216806	Unloading Auger Switch (Optional)

GAS FLOW & CONTROL

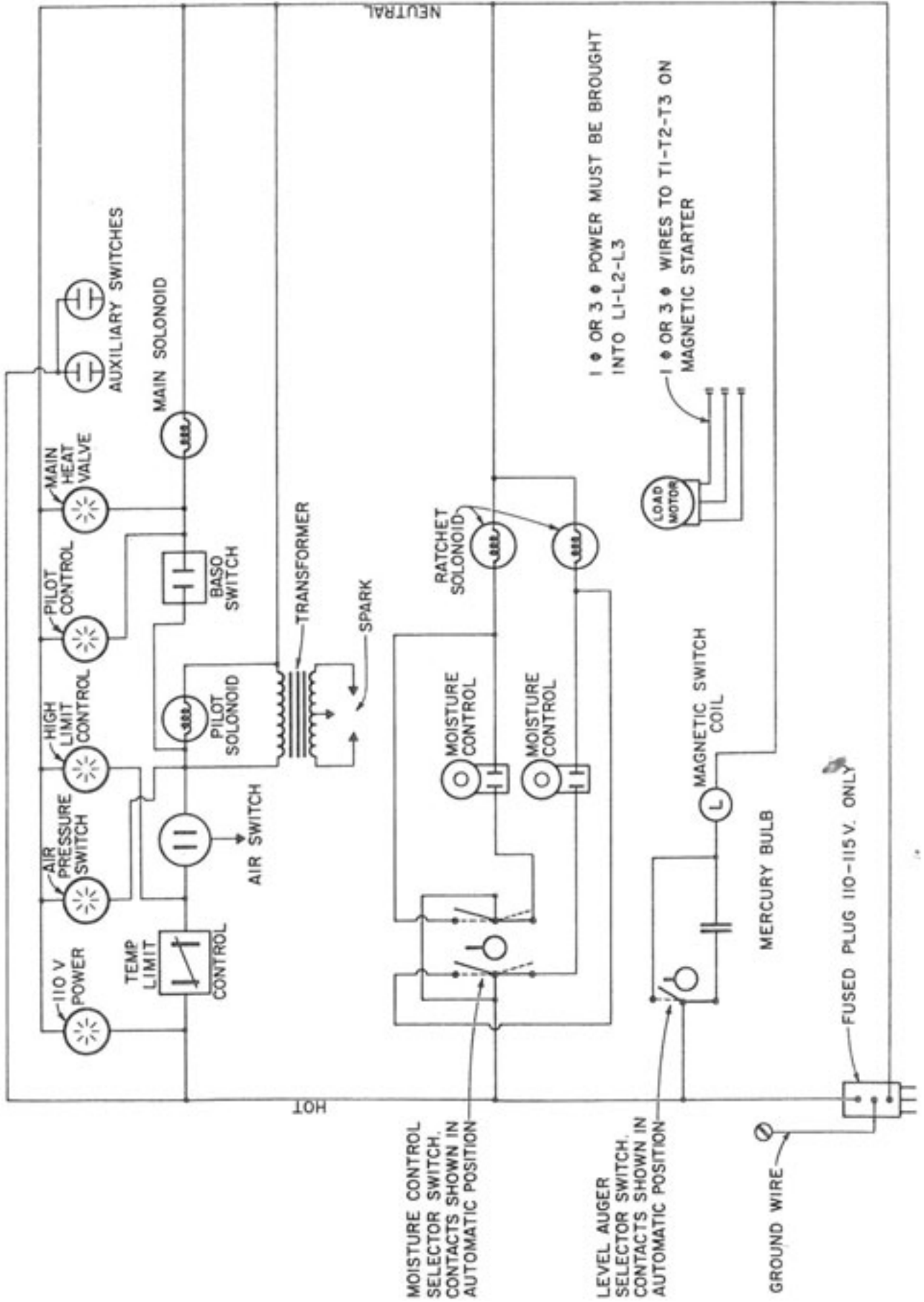
NATURAL GAS SYSTEM



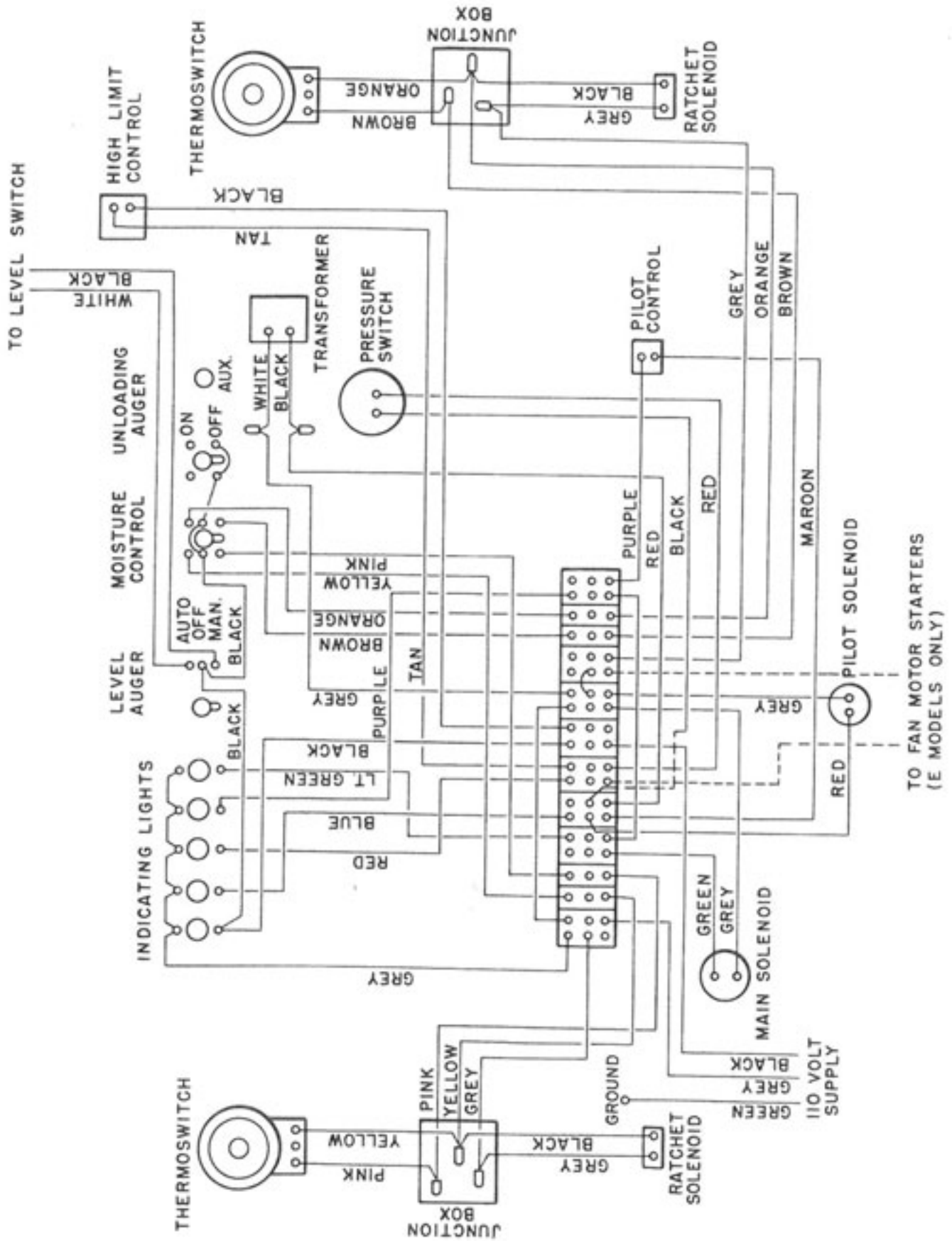
NOTE:
PARTS NOT NUMBERED ARE
THE SAME AS FOR L.P. GAS
OPERATION

REF.	PART NO.	DESCRIPTION
1	1216805	15 Amp. Fuse
2	1216858	Ignition Wire
3	1237000	Main Solenoid Valve
4	1227001	Replacement Bulb Only
5	1217016	Main Modulating Valve
6	1217011	Main Gas Hand Valve
7	1217004	Gas Pressure Dial Gauge
8	1217000	Min. of 1-1/4" Pipe from Motor & Regulator
9	1217010	Pilot Solenoid Valve
10	1217019	Pilot Hand Valve
11	1217019	But on Thermocouple (Not replaceable)
12	1216842	Base Pilot Safety Control
13	1218100	Spark Plug
14	1210167	Set Screw for Holding Thermocouple Bulb
15	1216631	Pilot Burner Weldment
16	1210115	Main Burner Orifice for Natural Gas
17	1210115	Modulating Valve Bulb (Not replaceable)
18	1211047	Main Burner Ring Pilot Orifice

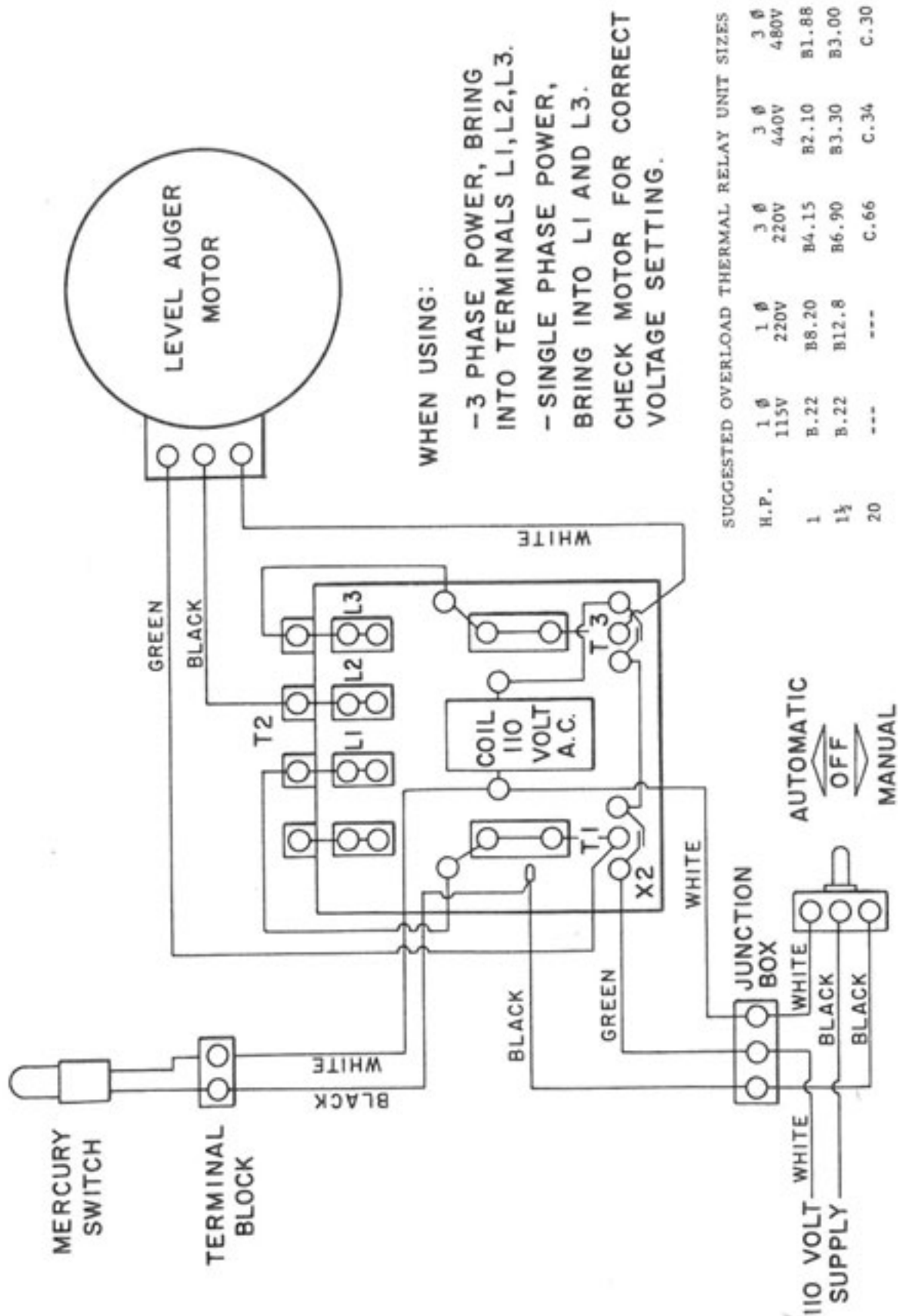
ELECTRICAL DIAGRAM



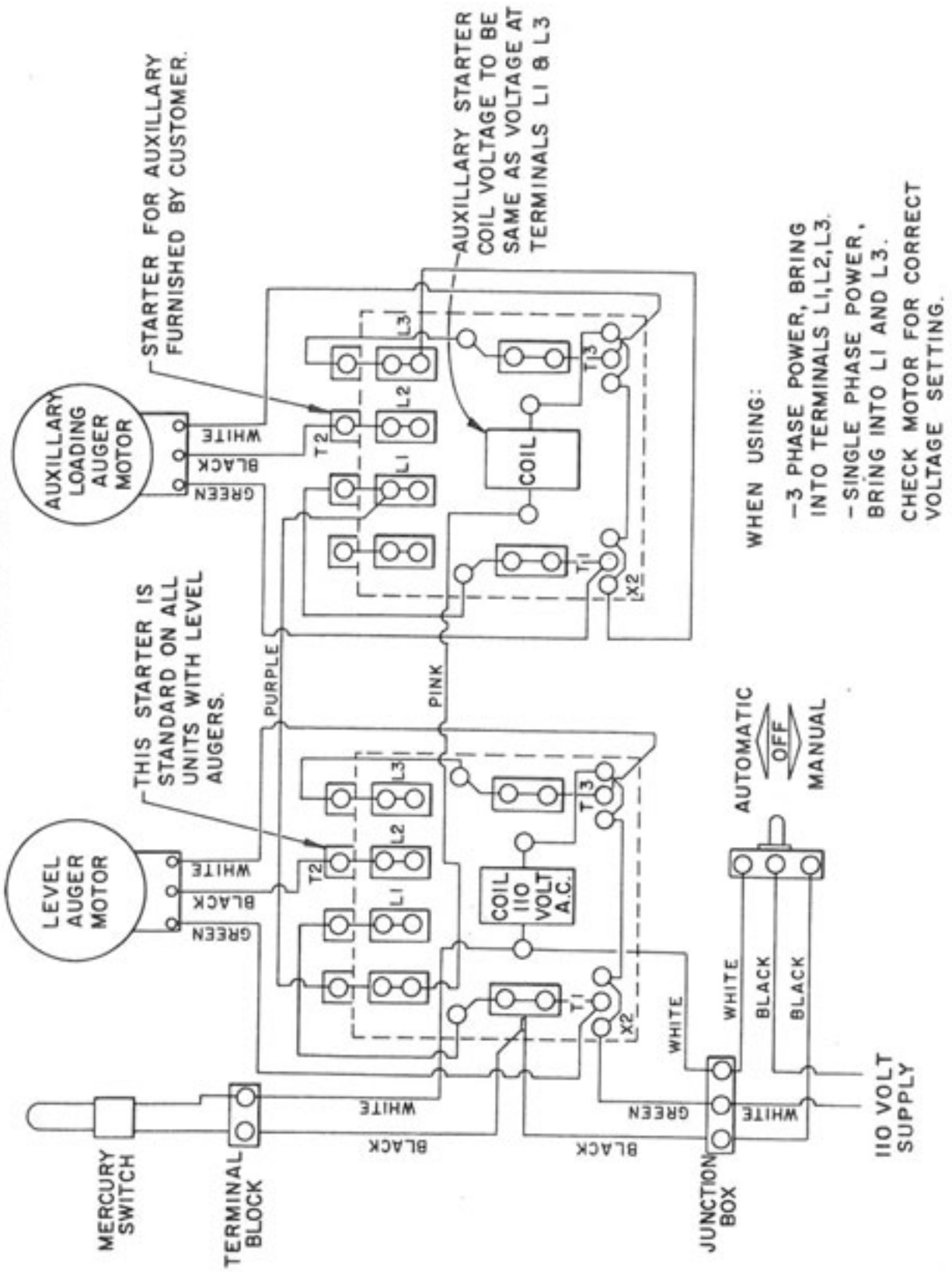
CONTROL CABINET WIRING DIAGRAM



LEVEL SWITCH AND LEVEL AUGER WIRING DIAGRAM

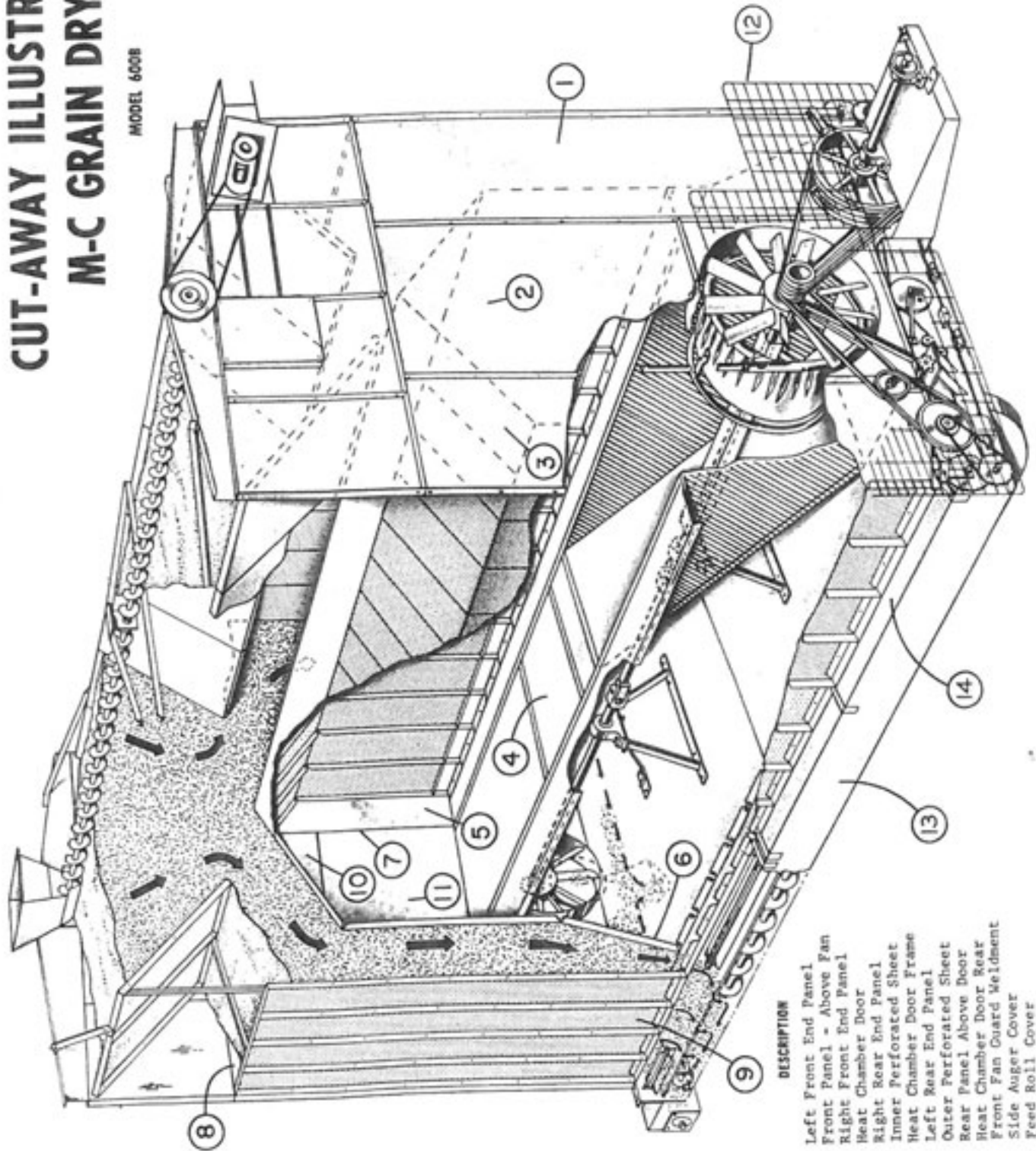


WIRING DIAGRAM INDICATING INTERLOCK BETWEEN LEVEL AND AUXILIARY AUGERS



CUT-AWAY ILLUSTRATION M-C GRAIN DRYER

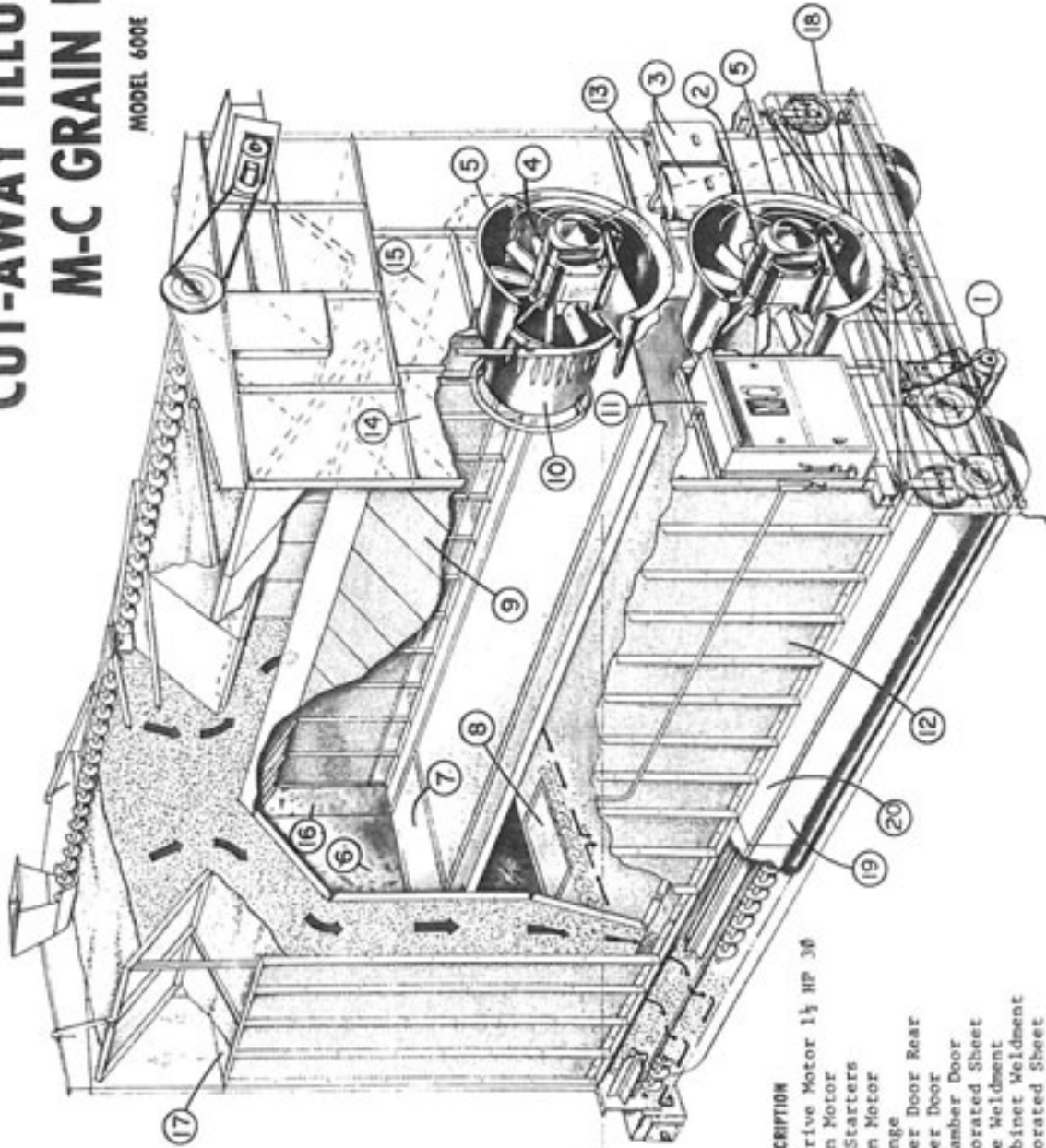
MODEL 600B



REF.	PART NO.	DESCRIPTION
1	1212862	Left Front End Panel
2	1212886	Front Panel - Above Fan
3	1212885	Right Front End Panel
4	1210082	Heat Chamber Door
5	1212865	Right Rear End Panel
6	1212956	Inner Perforated Sheet
7	1211023	Heat Chamber Door Frame
8	1212864	Left Rear End Panel
9	1212954	Outer Perforated Sheet
10	1212851	Rear Panel Above Door
11	1210114	Heat Chamber Door Rear
12	1210145	Front Fan Guard Weldment
13	1214835	Side Auger Cover
14	1210160	Feed Roll Cover

CUT-AWAY ILLUSTRATION M-C GRAIN DRYER

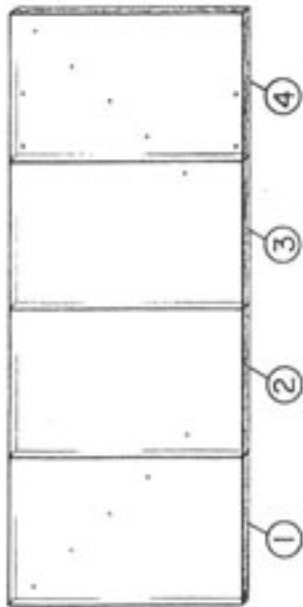
MODEL 600E



REF.	PART NO.	DESCRIPTION
1	1216845	Variable Drive Motor 1½ HP 3Ø
2	1216841	Cooling Fan Motor
3	1216843	Fan Motor Starters
4	1216841	Heating Fan Motor
5	1218998	Intake Flange
6	1210114	Heat Chamber Door Rear
7	1211003	Heat Chamber Door
8	1211004	Cooling Chamber Door
9	1212956	Inner Perforated Sheet
10	1210042	Top Orifice Weldment
11	1210086	Control Cabinet Weldment
12	1212954	Outer Perforated Sheet
13	1212862	Left End Panel - Front
14	1212885	Right End Panel - Front
15	1212889	Center End Panel - Front
16	1212864	Left End Panel - Rear
17	1212865	Right End Panel - Rear
18	1210106	Front End Guard
19	1214835	Side Auger Cover
20	1210160	Feed Roll Cover

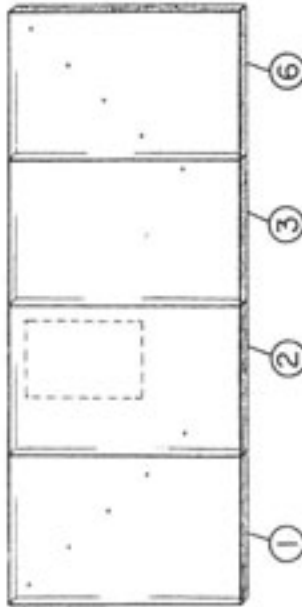
WET HOLDING HOPPER ASSEMBLY FOR M-C GRAIN DRYERS

REAR--UNLOADING END



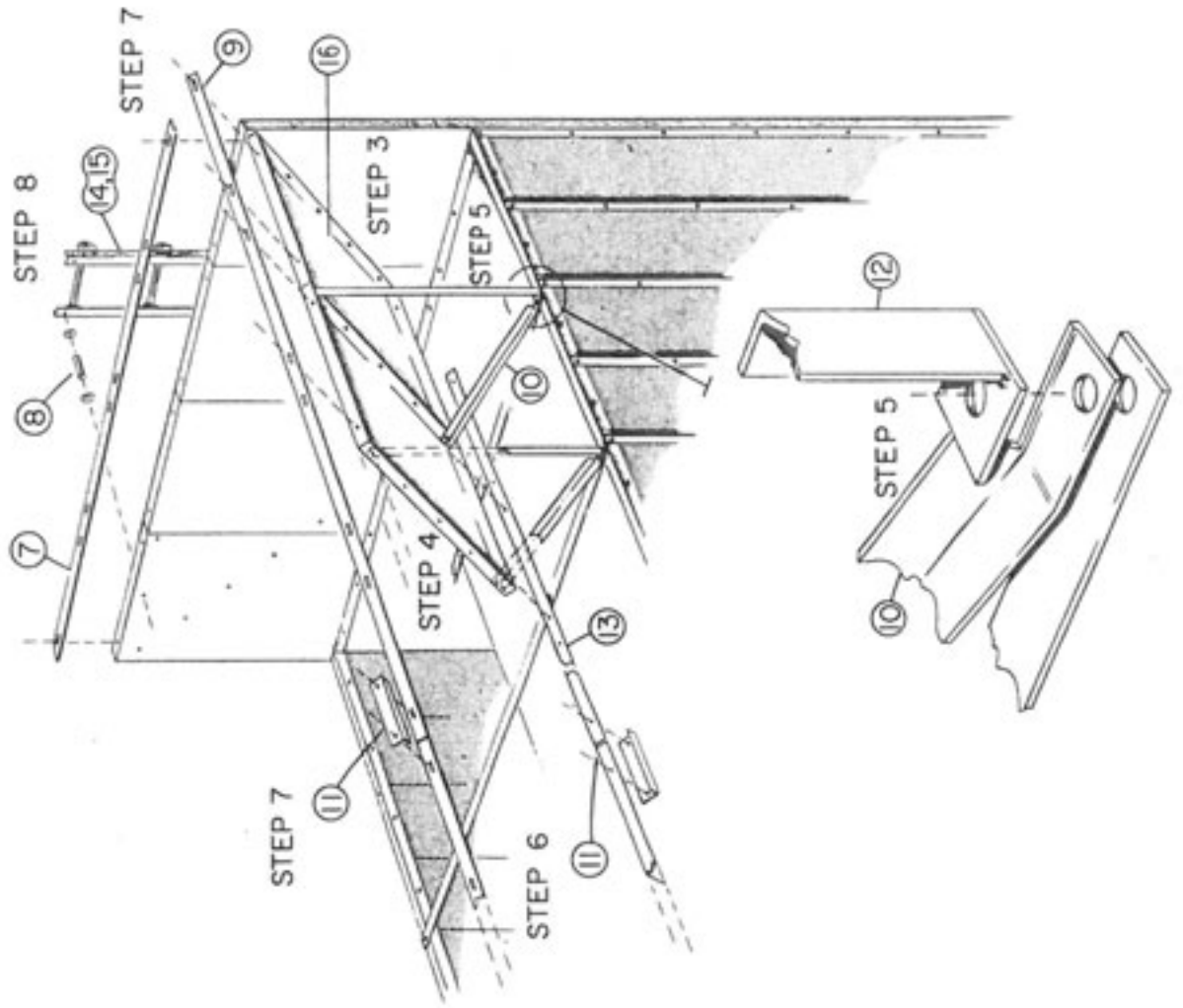
STEP 1

FRONT--DRIVE END

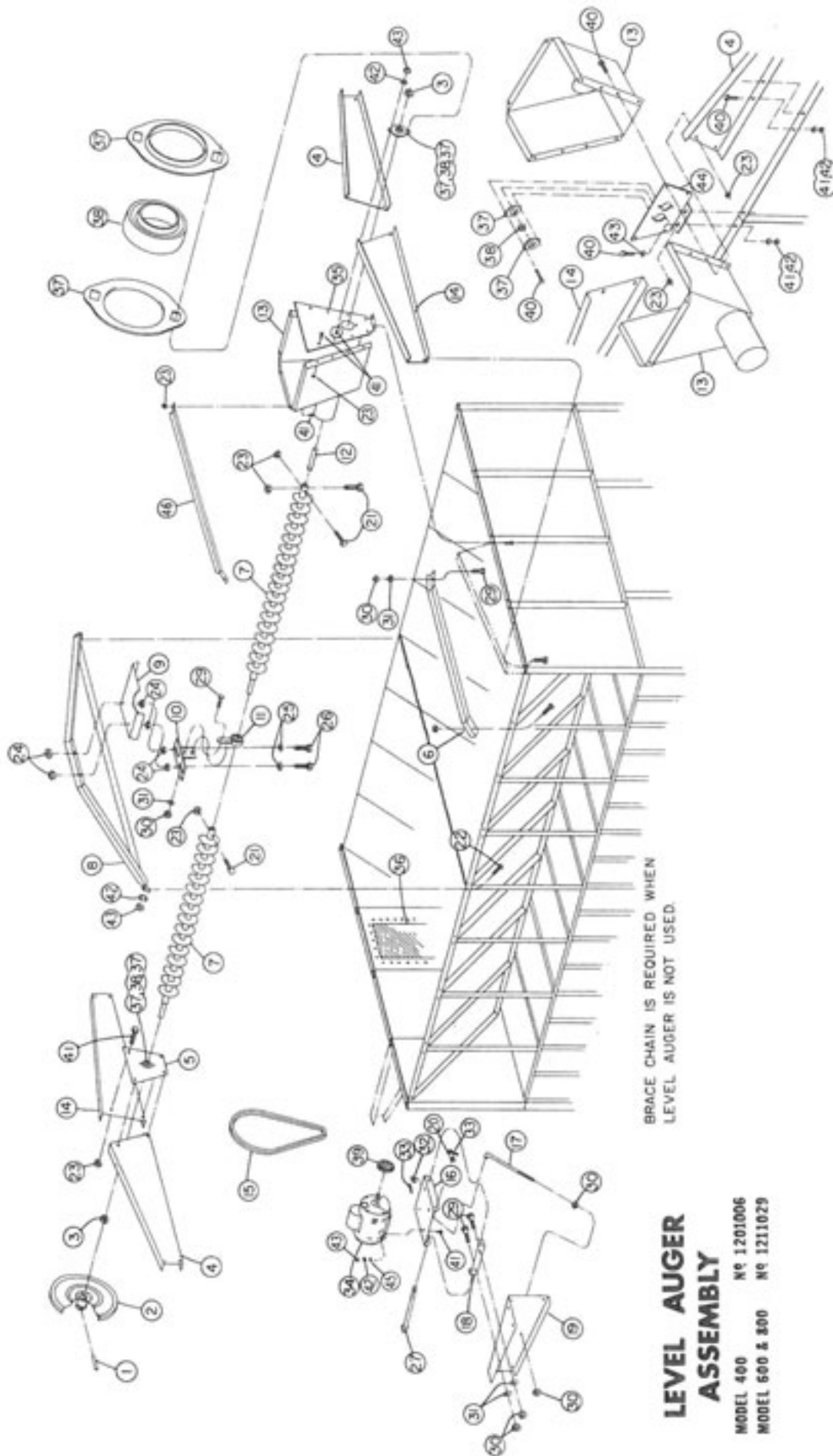


STEP 2

PANEL 5 REPLACES 2 AT OPPOSITE
END OF LEVEL AUGER HOPPER WHEN
LEVEL AUGER ASSEMBLY IS INSTALLED.



REF.	PART NO.	DESCRIPTION
1	1214807	Outside Hopper End Panel
2	1214810	Inside End Panel (1-Hole Left)
3	1214811	Inside End Panel (1-Hole Right)
4	1214809	Hopper End Panel (Ladder)
5	1201007	Level Switch Panel Assembly
6	1214808	Outside Hopper End Panel (4-Hole Right)
7	1212050	Hopper Stiffener (End)
8	1215410	Ladder Spacer
9	1212052	Hopper Stiffener (Side)
10	1212009	Hopper Brace
11	1212604	Hopper Side Stiffener Splice
12	1212010	Side Panel Brace
13	1212603	Hopper Bottom Strip
14	1218979	7 1/2 Ft. Ladder
15	1208997	3 Ft. Ladder
16	1214843	Hopper Side Panel



BRACE CHAIN IS REQUIRED WHEN
LEVEL AUGER IS NOT USED.

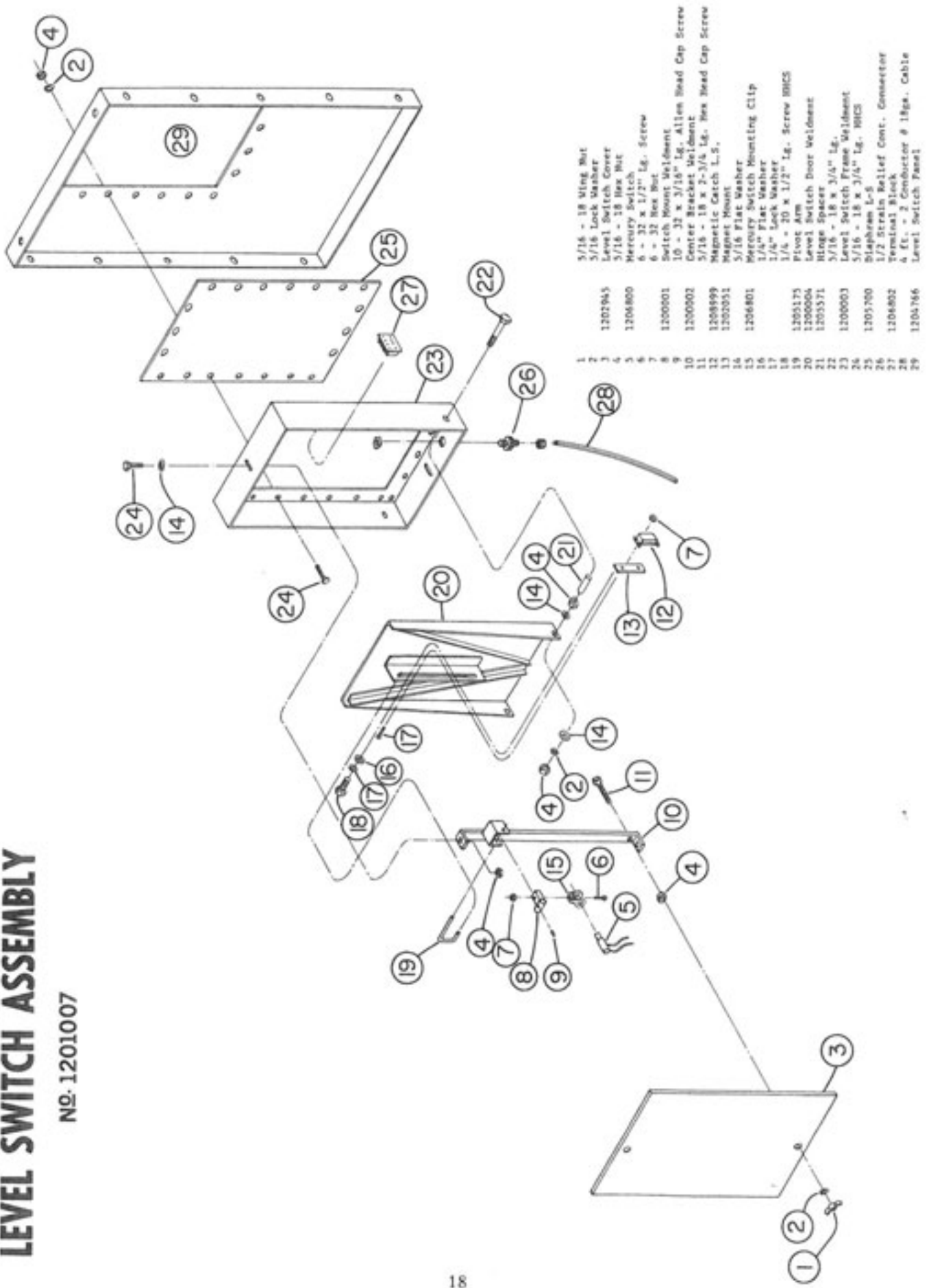
LEVEL AUGER ASSEMBLY

MODEL 400 No 1201006
MODEL 600 & 800 No 1211029

REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	1218110	5/16 x 1-3/4" Lg. Roll Pin	16	1204438	Motor Mount	32	1204438	3/8" Flat Washer
2	1206203	V-Pulley 16 O. D. x 815.4 x 1" Bore	17	1201001	Support Arm	33		Center Pin
3	0006004	1" Lock Collar	18	1203309	Hinge Bracket	34	1216845	1-1/2 HP 36 Electric Motor
4	1204875	Level Auger Left End Bracket	19	1204445	Motor Mount Bracket	35	1216846	1-1/2 HP 16 Electric Motor
5	1204440	Level Auger Bearing Bracket Plate	20	0018149	3/8-16 Lock Nut	36	1204439	Hopper End Panel
6	1203803	Level Auger Hopper Bearing Brace	21		5/16-18 x 1-3/4" RHCS	37	1201007	Level Switch Panel Assembly
7	1200021	Level Auger Weldment Model 400	22		5/16-18 x 1-1/2" RHCS	38	0016009	1" Bearing Stamping
8	1200012	Level Auger Weldment Models 600-800-1600	23		5/16-18 Locknut	39	0016008	1" Bearing
9	1204876	L. A. Center Bearing Shield	24		1/2-13 Hex Nut	40	1206202	Pulley 3.25 O. D. x 5/8" Bore
10	1200016	L. A. Center Bearing Hanger Weldment	25		1/2-13 x 3" RHCS	41		5/16-18 x 3/4" RHCS
11	1206001	Hanger Bearing #BX1-16	26	1205002	Motor Mount Hinge Pin	42		5/16" Lock Washer
12	1205039	Bolt End Shaft	27		1/2" Flat Washer	43		5/16" Hex Nut
13	1200017	Level Auger Hopper Weldment	28		1/2" Lock Washer	44	1214476	L. A. Hopper Center Panel
14	1204774	Level Auger Right End Panel	29		3/8-16 x 3/4 RHCS	45	1201001	Hopper Cross Tie Chain Assembly
15	1216102	V-Belt 51590	30		3/8" Hex Nut	46	1203310	Hopper Brace

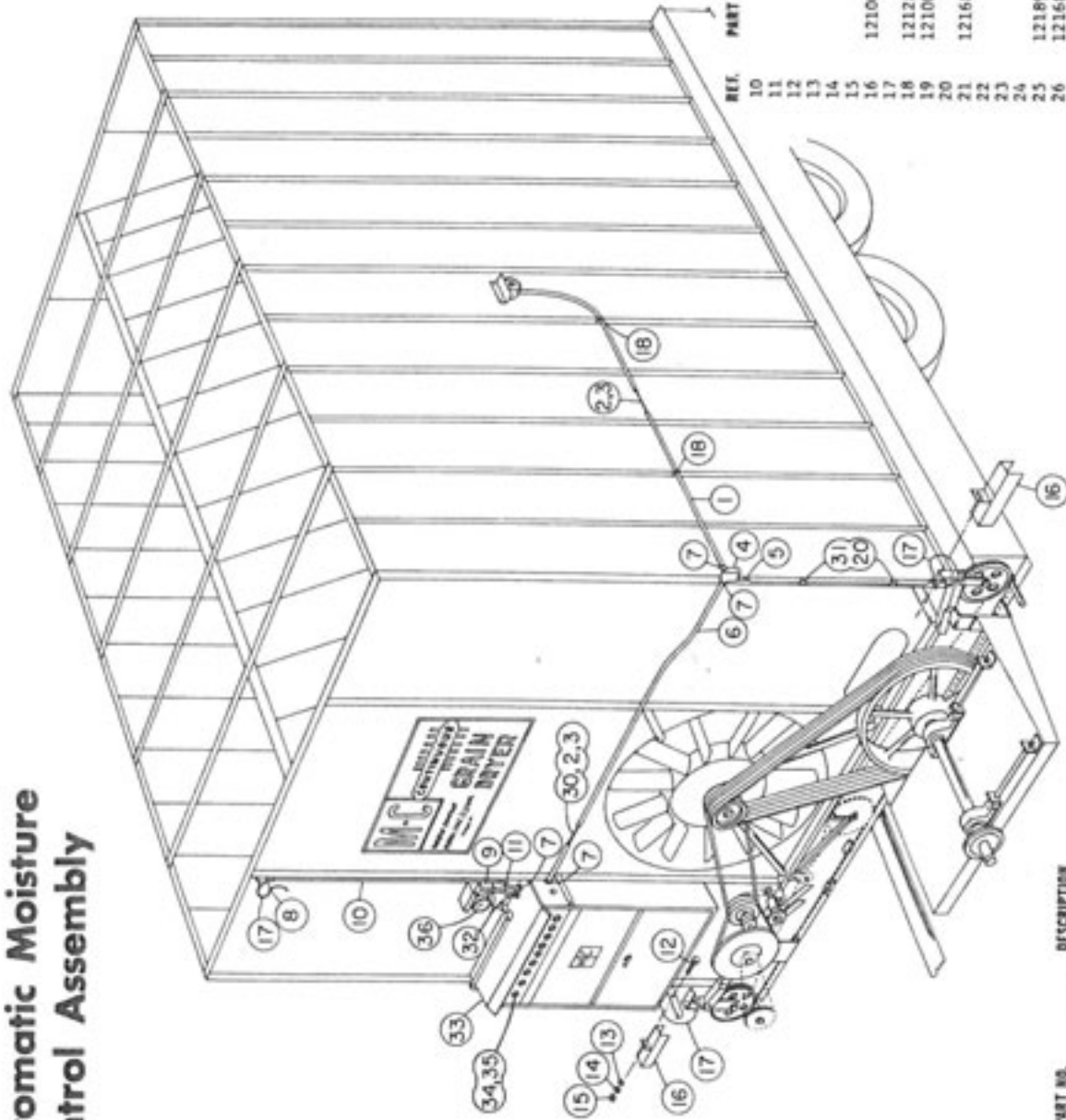
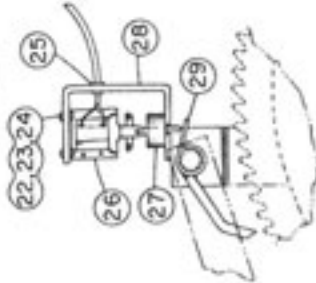
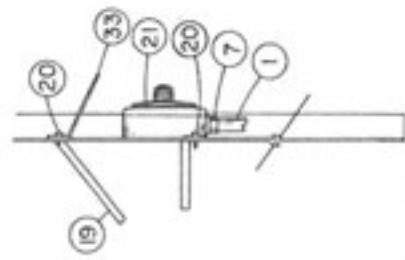
LEVEL SWITCH ASSEMBLY

NO. 1201007



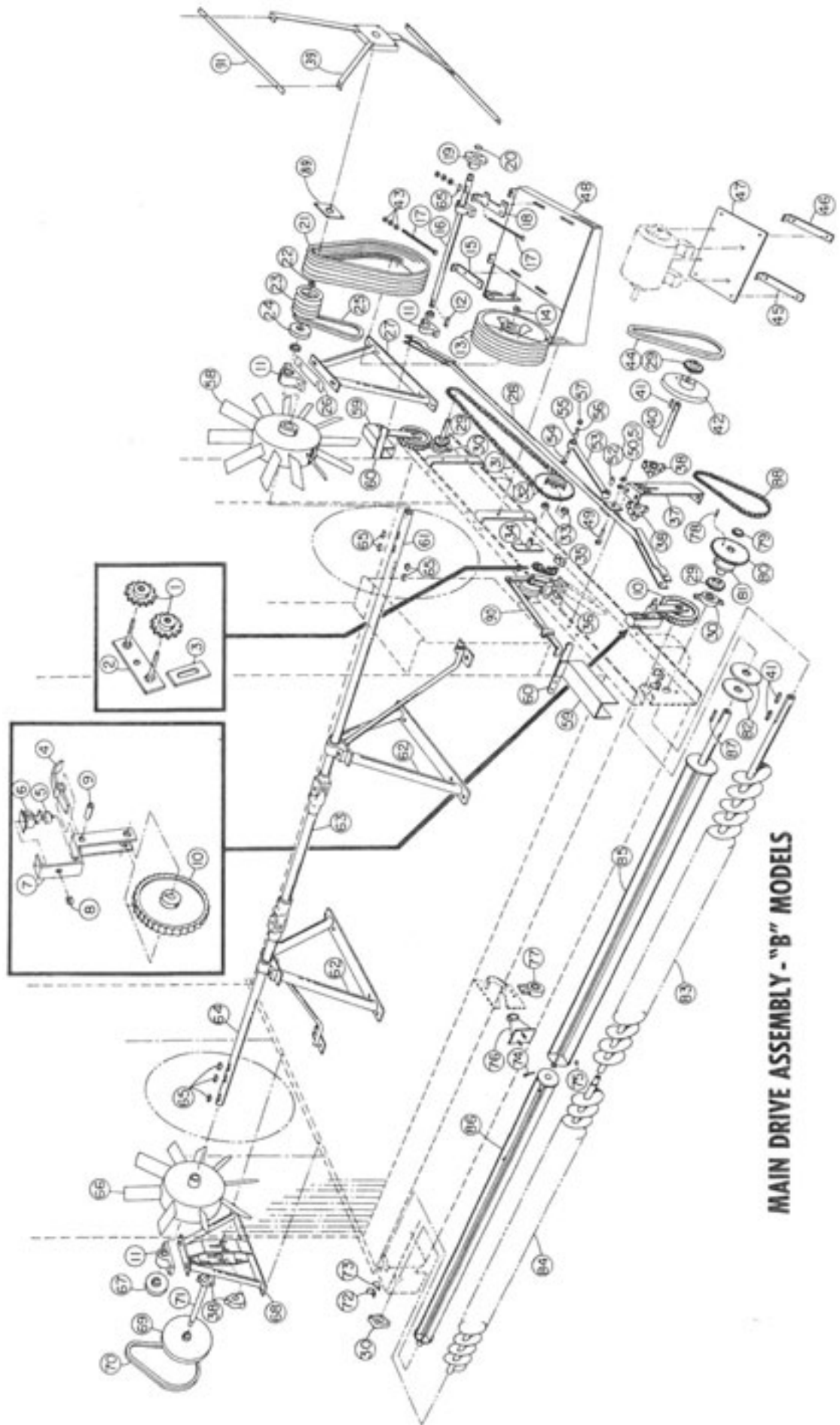
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|----|---------|--|
| 1 | 1201007 | Front Panel |
| 2 | 1202945 | Level Switch Cover |
| 3 | 1204800 | Mercury Switch |
| 4 | 1200901 | Switch Mount Weldment |
| 5 | 1200902 | Center Bracket Weldment |
| 6 | 1208999 | 5/16 - 18 x 2-3/4 Lg. Hex Head Cap Screw |
| 7 | 1202951 | Magnetic Catch L.S. |
| 8 | 1206801 | 5/16 Flat Washer |
| 9 | 1205175 | Mercury Switch Mounting Clip |
| 10 | 1200004 | 1/4" Flat Washer |
| 11 | 1205371 | 3/4 - 20 x 1/2" Lg. Screw BRCS |
| 12 | 1200003 | Pivot Arm |
| 13 | 1205700 | Level Switch Door Weldment |
| 14 | 1204802 | Hinge Spacer |
| 15 | 1204766 | 5/16 - 18 x 3/4" Lg. BRCS |
| 16 | | Level Switch Frame Weldment |
| 17 | | 5/16 - 18 x 3/4" Lg. BRCS |
| 18 | | Bladehead L-S |
| 19 | | 1/2 Strain Relief Cont. Connector |
| 20 | | Terminal Block |
| 21 | | 5 Ft. - 2 Conductor # 18ga. Cable |
| 22 | | Level Switch Panel |
| 23 | | |
| 24 | | |
| 25 | | |
| 26 | | |
| 27 | | |
| 28 | | |
| 29 | | |

Automatic Moisture Control Assembly



REF	PART NO.	DESCRIPTION
1	1215721	1/2" Conduit - 98" Lg.
2		#14 Electrical Wire (red) 12' Lg.
3		#14 Electrical Wire (black) 12' Lg.
4	1216801	1/2" Conduit Fitting (left)
5	1216855	3/8" Flexible Conduit Connector
6		1/2" Conduit 62-1/2" Lg.
7	1206808	1/2" Straight Conduit Connector
8	1211025	1/2" Killare Box 1/2"
9	1217018	High Limit Switch

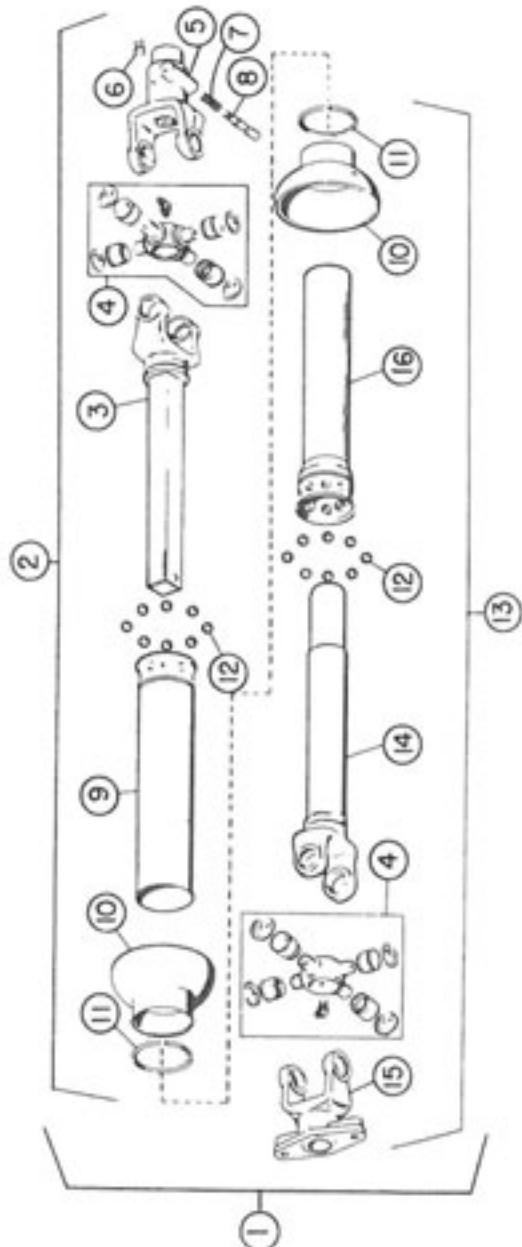
REF.	PART NO.	DESCRIPTION
10		1/2" Conduit - 38" Lg.
11		1/2" Watertight Flexible Conduit 8-1/2" Lg.
12		5/16-18 x 3/4" RMC
13		5/16" Flat Washer
14		5/16" Lock Washer
15		5/16-18 Hex Nut
16	1210038	Solenoid Cover Weldment
17		2-Cond. Cable 48" Lg.
18	1212852	Conduit Brackets
19	1210031	Thermostat Shield Weldment
20		#8 x 1/2 Lg. Sheet Metal Screws
21	1216857	Thermostat
22		6/32 x 1/2" Rd. Head Bolt
23		6/32" Nut
24		#6 Lock Washer
25	1218996	Rubber Grommet
26	1216856	Solenoid
27	1210029	Solenoid Counter weight
28	1210036	Ratchet Guide Arm Bracket
29	1210030	Ratchet Dog
30		#14 Electrical Wire (white) 12' Lg.
31	1216859	Jiffy clip
32		1/2" Watertight Connector
33	1216800	1/2" Conduit Fitting(right)
34		Lamp Base, Socket Only
35	1216810	NE 51 H Neon Lamp
36	1218973	Thermometer



MAIN DRIVE ASSEMBLY - "B" MODELS

MAIN DRIVE ASSEMBLY "B" MODEL PARTS LIST

REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	1216A03	Idler Sprocket 3/4" Bore	35	1215703	Chain Tightener	64	1215066	Fan Shaft 400 Model Only (Rear)
2	1210079	Chain Idler Weldment	36	1216600	Variable Speed Assembly	65	1215065	Fan Shaft (Rear)
3	1213A28	Idler Sprocket Holder	37	1213370	Idler Shaft Mounting Bracket	65	0018998	Woodruff Key 3/8" x 1-1/4"
4	1210030	Ratchet Dog Weldment	38	1216000	1-1/4" 3 Bolt Flange Bearing	66	1210098	Model 300B & BE Rear Fan Weldment
5	1210029	Solenoid Weight Weldment	39	1210220	Front Bearing Bracket (Outer)	66	1210099	Model 400B & BE Rear Fan Weldment
6	1216856	Solenoid	40	1215041	Shaft Front Idler & Feed Roll	67	1210099	Model 600B & BE Rear Fan Weldment
7	1210036	Ratchet Guide Arm Weldment	41	1/4" Sq. x 1-1/2" Key	1/4" Sq. x 1-1/2" Key	67	1210096	Model 800B & BE Rear Fan Weldment
8	1218996	5/16" I. D. Rubber Grommet	42	1216212	10" O.D. Pulley 1-1/4" Bore	68	1216218	Pulley 1-7/16" Bore
9	1215571	Ratchet Dog Bushing	43	1/2-13 Hex Nuts	1/2-13 Hex Nuts	68	1210175	Rear Fan Bearing Mount Weldment
10	1216A04	Ratchet Wheel	44	1216105	8X Belt	69	1216213	Pulley 1-1/4" Bore
11	0016011	1-7/16" O.D. Pillow Block Bearing	45	1233532	Electric Motor Adjusting Bar (Rear)	70	1216111	Belt 5L510
12		3/8" x 1-1/2" Key	46	1233532	Electric Motor Adjusting Bar (Front)	71	1215059	Rear Idler Shaft
13		See Pulley Chart	47	1233532	Motor Base	72	1213321	Feed Roll Retainer
14	1206211	Bearing Mount Adjusting Bar	48	1210078	Jackshaft Base Weldment - Left Hand	73	1212959	Crain Seal
15	0013521	Jackshaft	49		5/16-18 x 2-1/2" RHCS	74		3/8-16 x 1-3/4" RHCS
16	1215070	Jackshaft Adjusting Screw Weldment	50		5/16-18 Hex Nut	75		3/8" Lock Nut
17	1210080	P. T. O. Mounting Bracket	51		5/16" Lock Washer	76	1210222	Center Feed Roll Mount Weldment
18	0017650	Shear Flange	52	1215572	1/2" Steel Bushing	77	1216002	Side Auger Bearing
19	0018250	Snap Ring	53	1210036	Eccentric Arm Weldment	78		Cotter Key
20	1216109	B Models - Matched set of 5 V-Belts	54		3/8-16 x 2-1/4" Carriage Bolt	79	1218974	1-1/4" Lock Collar
21	1216110	Q.D. Bushing 1-7/16" Bore	55	1215680	1" Bronze Bushing	80	1216A01	1-1/4" Bore
22	1206212	5 Groove Pulley	56		3/8" Flat Washer	81	1218975	Shear Flange
23	1206206	Pulley 1-7/16" Bore	57		3/8-16 Hex Nut	82	1214A38	Feed Roll End Washer
24	1216218	B-61 V-Belt	58		Model 300B & BE Front Fan Weldment	83	1210053	Side Auger Front Section Model 600-800
25	1216104	Bearing Shim			Model 400B & BE Front Fan Weldment	83	1210163	Side Auger Model 300
26	1216218	Front Fan Bearing Bracket (Inner)			Model 600B & BE Front Fan Weldment	84	1210058	Side Auger Rear Section
27	1210064	Ratchet Arm Weldment	59	1210038	Lower Front Fan Guard Hanger	85	1210046	Feed Roll Front Sections - ALL
28	1210037	2 Bolt Flange Bearing 1-1/4" Bore	60	1212057	Model 400-600-800B Front Fan Shaft	86	1210048	Feed Roll Rear Section Model 400
29	1206A00	RC-40, 189" Chain	61	1215069	Model 300B Front Fan Shaft		1210049	Feed Roll Model 300
30	1206000	Eccentric Sprocket Weldment w/Bearings	62	1210060	Center Fan Bearing Bracket		1210050	Feed Roll Rear Section 400-600-800
31	1216300	Bearings Only for Above	63	1216A02	Model 400B Universal Joint Shaft	87		1/4" Sq. x 1-1/4" Key
32	1210032	Eccentric Sprocket Mounting Weldment			Model 600 & 800B Universal Joint Shaft	88	1218976	RC-40 Chain 42" lg.
33	0016006					89	0016015	Front Bearing (Outer)
34	1210033					90	1211028	Variable Drive Arm Assembly
						91	1212065	Flange Stiffener

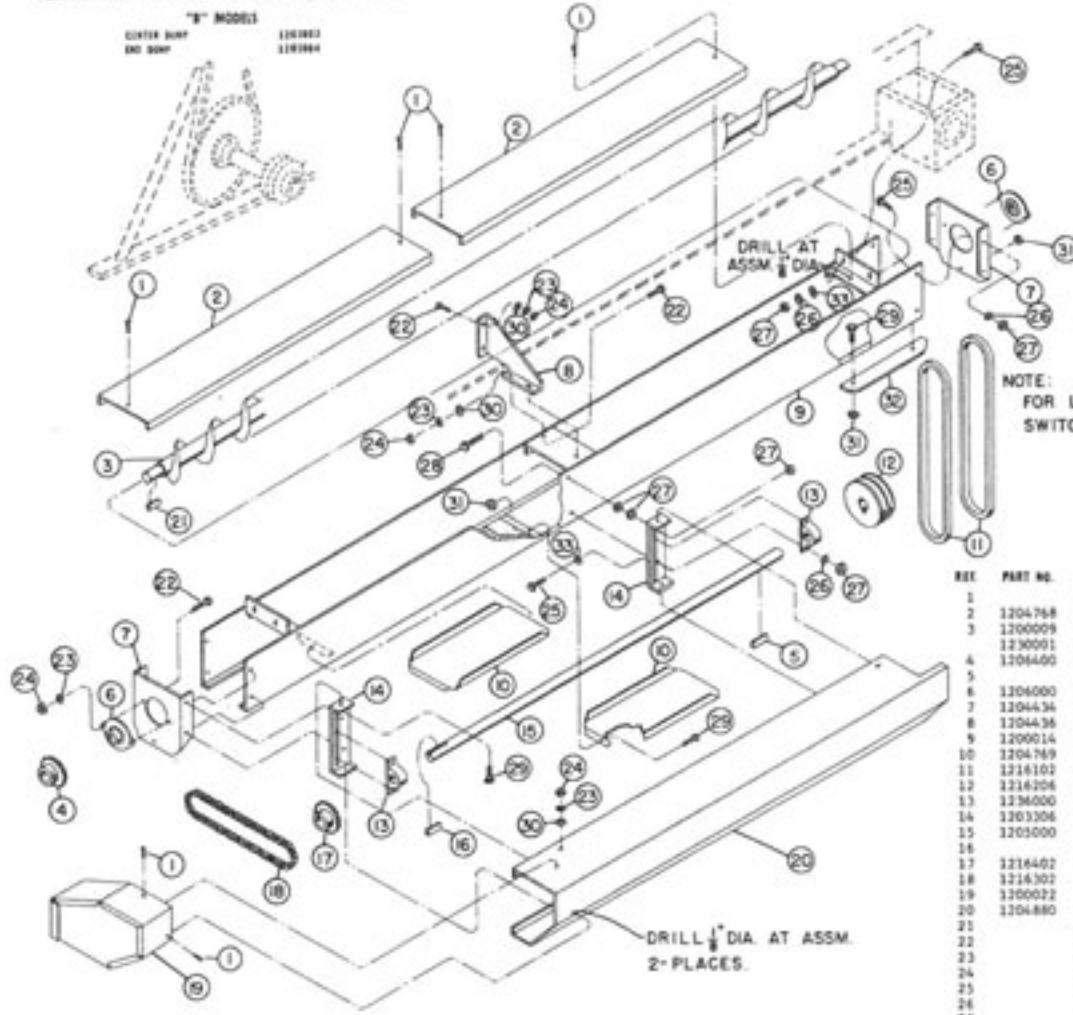


TRACTOR PTO ASSEMBLY

NUMBER 0016600

REF.	PART NO.	DESCRIPTION
1	0016000	Power Shaft
2	0026620	Tractor Half Assembly W/Q.D. Yoke
3	0026627	Male Shaft & Yoke Weldment
4	0026628	Universal Joint Center
5	0027651	Quick Detachable Yoke, Only
6	0026603	"X" Washer, Locking Pin
7	0026602	Spring Locking Pin
8	0026601	Locking Pin, Q.D. Yoke
9	0026624	Female Guard Tube
10	0026626	Bell Shield
11	0026625	External Snap Ring Retaining Ring 2-3/4 Shaft
12	0026606	3/8" Diameter Ball Bearings
13	0026621	Machine Half of PTO Complete W/Shear Fittings
14	0026622	Female Shaft & Yoke Weldment
15	0027652	Flange Yoke
16	0026623	Male Guard Tube

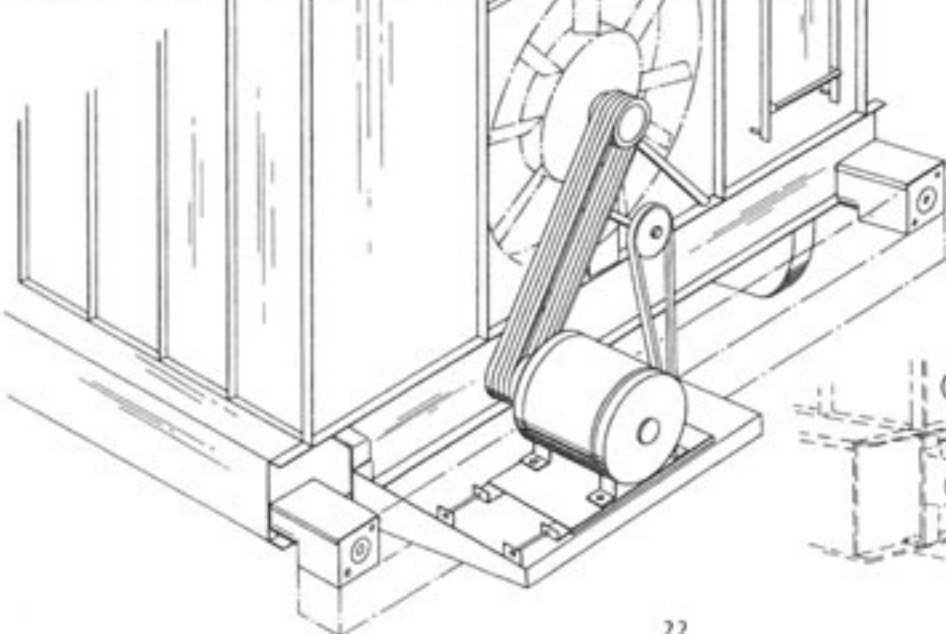
CROSS AUGER ASSEMBLY



NOTE:
FOR LEFT END DUMP
SWITCH PARTS 32 & 10.

REF.	PART NO.	DESCRIPTION
1		#8 Sheet Metal Screw
2	1204768	Cross Auger Top Cover
3	1200009	Center Dump Cross Auger
	1230001	End Dump Cross Auger
4	1204400	80-40, 1 1/2" x 1-1/4" Bore 3/16 Sq. x 1-1/2" Key
5	1204000	1-1/4"-2 Bolt Flange Bearing
6	1204434	Cross Auger End Plate
7	1204436	Cross Auger Center Brace
8	1200014	Cross Auger Housing W/End Cross Auger Discharge Closure
9	1216102	3/250 Double Belt Cross Auger Drive
10	1216204	Pulley 28 4.0 x 3/4" Bore
11	1234000	Bearing 28 3/4
12	1203306	Jackshaft Bearing Hanger
13	1203000	Cross Auger Jackshaft
14	1216402	Cross Auger Jackshaft Sprocket
15	1216302	Cross Auger Chain - 80-40 x 20"
16	1200022	Jackshaft Belt Guard
17	1204880	Cross Auger Jackshaft Guard
18		1/4" Sq. x 1" Key
19		3/16-18 x 3/4" HWCS
20		3/16" Lock Washer
21		3/16-18 Hex Nut
22		3/8-16 x 3/4" HWCS
23		3/8" Lock Washer
24		3/8-16 Hex Nut
25		3/8-16 x 2-1/2" HWCS
26		3/16-18 x 1/2" HWCS
27		3/16" Flat Washer
28		3/16" Lock Nut
29		3/16" Flat Washer
30		3/16" Lock Nut
31	1203001	Boot Flange
32		3/8" Flat Washer

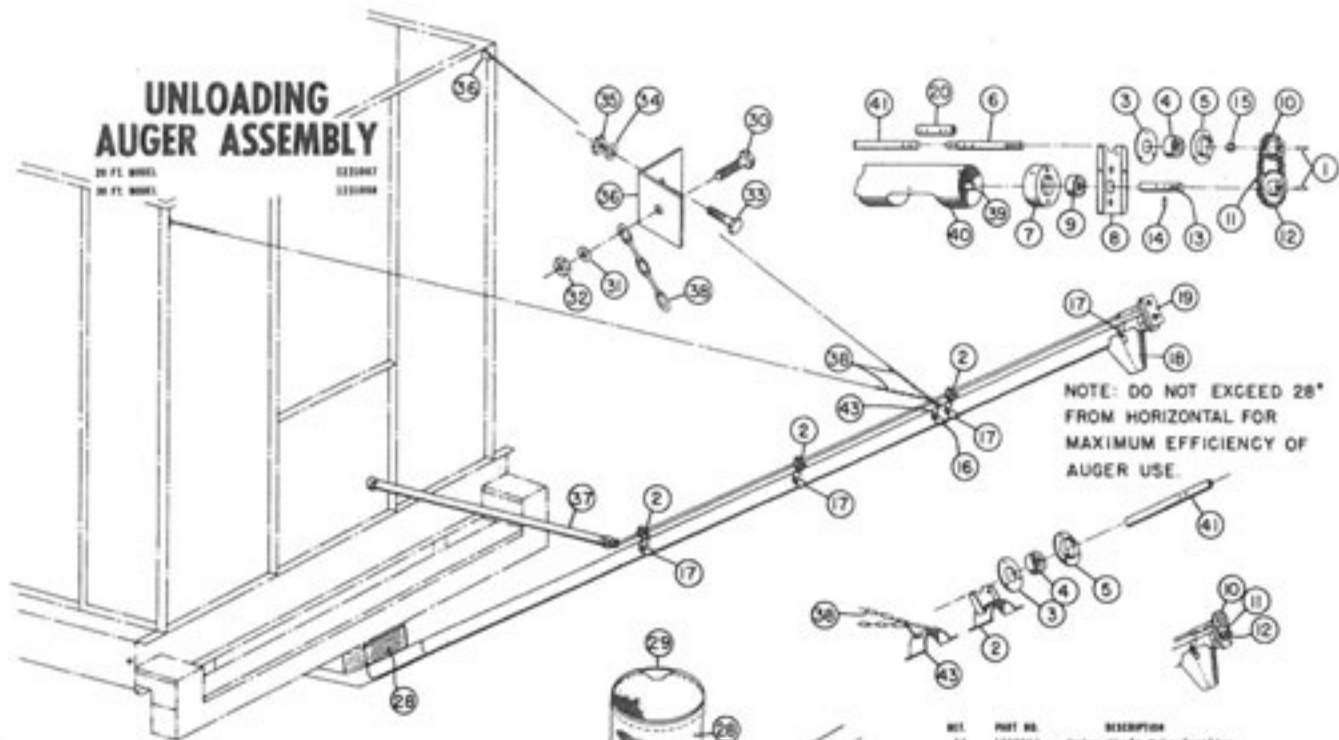
REAR VIEW - MODEL 800BE



MODEL 800BE (Kit No. 1231009)

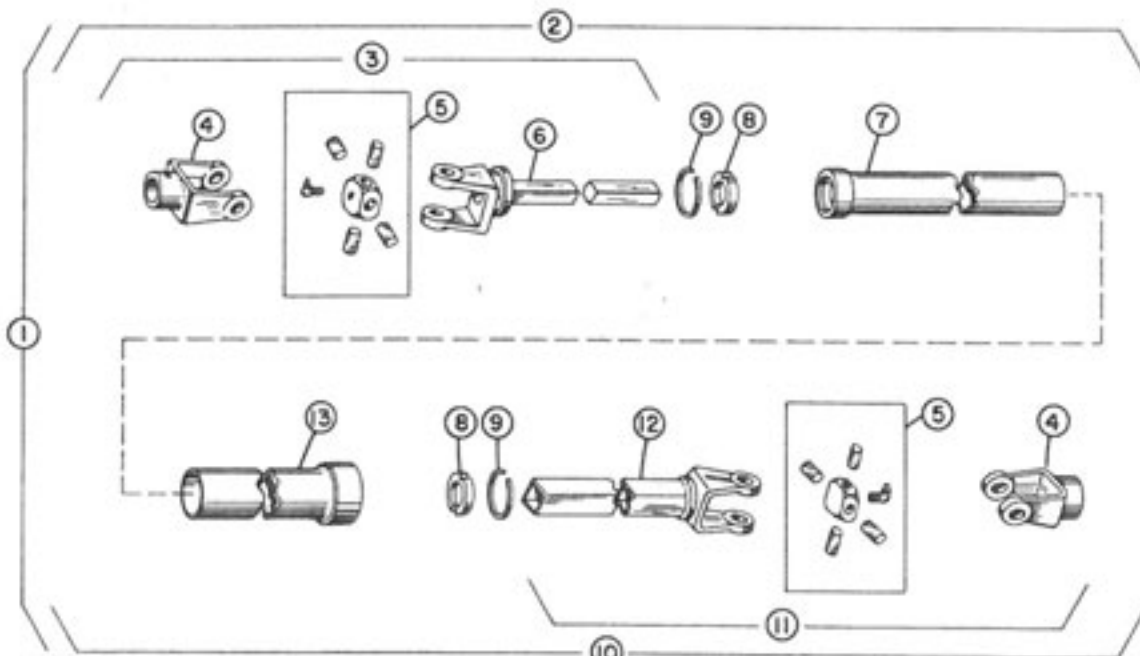
REF.	PART NO.	DESCRIPTION
1	1234201	Electric Motor Base
2		1/2-13 x 1-3/4" HW Bolt
3	1233522	Electric Motor Adj. Bar
4		1/2-13 x 1 HW Bolt
5		1/2-13 Nut
6	1233523	Electric Motor Adj. Bar
7		1/2" Lock Washer
8	1200019	1/2-13 x 13" Adjusting Bolt

UNLOADING AUGER ASSEMBLY



REF.	PART NO.	DESCRIPTION
1		1/4" Sq. 1" Key
2	122885	Bearing Mounting Bracket
3	122890	Bearing Retainer Plate-Top
4	122860	Drive Shaft Bearing 1" Dia.
5	122888	Bearing Mounting Ring-Top
6	122867	Sprocket Drive Shaft
7	122894	Discharge Cap
8	122865	Drive Shaft End Bearing Bracket
9	122866	Drive Shaft End Bearing
10	122863	3015 Sprocket 1" Bore
11	122862	No. 30 Roller Chain
12	122861	3026 Sprocket 1" Bore
13	122860	Discharge Shaft
14	122859	3/16 x 1-1/8" Spiral Pin
15	122858	Spacer Bearing
16	122857	4" Flange Band
17	122892	1-1/2" Flange Band
18	122893	Discharge Spout
19	122896	Chain Cover

REF.	PART NO.	DESCRIPTION
20	122895	Drive Shaft Tube Coupling
21		1/2-13 x 1-1/4" WDC
22		1/2" Lock Washer
23	122894	Support Anchor Bearing
24		1/4-28 Std. Screw
25	122893	Beet End Bearing
26	122893	Flighting Sellar Shaft
27	122893	Auger Mounting Bracket
28	122896	Canvas Boot
29	122895	Canvas Boot Spring
30		5/8 x 2" WDC
31		5/8" Flat Washer
32		5/8" Hex Nut
33		5/16 x 3/4 WDC
34		5/16 Flat Washer
35		5/16 Hex Nut
36	122890	Chain Mounting Bracket
37	122860	PTO Shaft
38	122892	Hanger Chain - 12" Lg.
39	122894	Discharge Auger Flighting - Right Hand
40	122896	Basic Discharge Tube
41	122894	Basic Drive Shaft
42	122867	Beet Section
43	122888	Chain Mounting Bracket



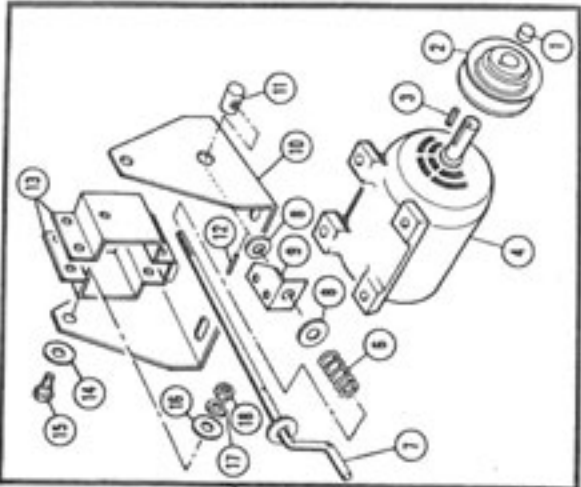
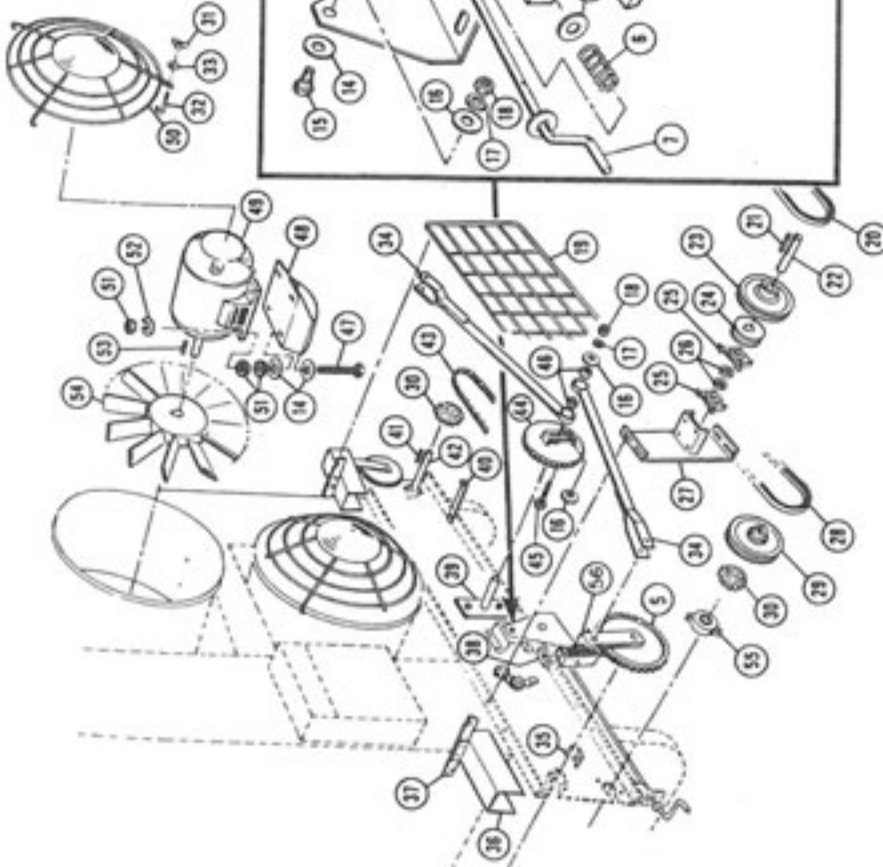
UNLOADING AUGER P.T.O ASSEMBLY

REF.	PART NO.	DESCRIPTION
1	122601	W-90 Universal Joint Telescoping Assembly w/Quick Detachable Free Wheeling Guard
2	122600	W-90 Joint & Shaft Assembly w/Guard
3	122601	W-90 Joint & Shaft
4	122602	Yoke (3/4" Dia.)
5	122603	Repair Kit
6	122604	Yoke & Shaft

REF.	PART NO.	DESCRIPTION
7	122605	Female Guard Assembly
8	122606	Nylon Bearing
9	122607	Bearing Retainer
10	122608	W-90 Joint & Tube Assembly w/Guard
11	122609	W-90 Joint & Tube
12	122610	Yoke & Tube
13	122611	Male Guard Assembly

FAN & DRIVE ASSEMBLY

"E" MODELS

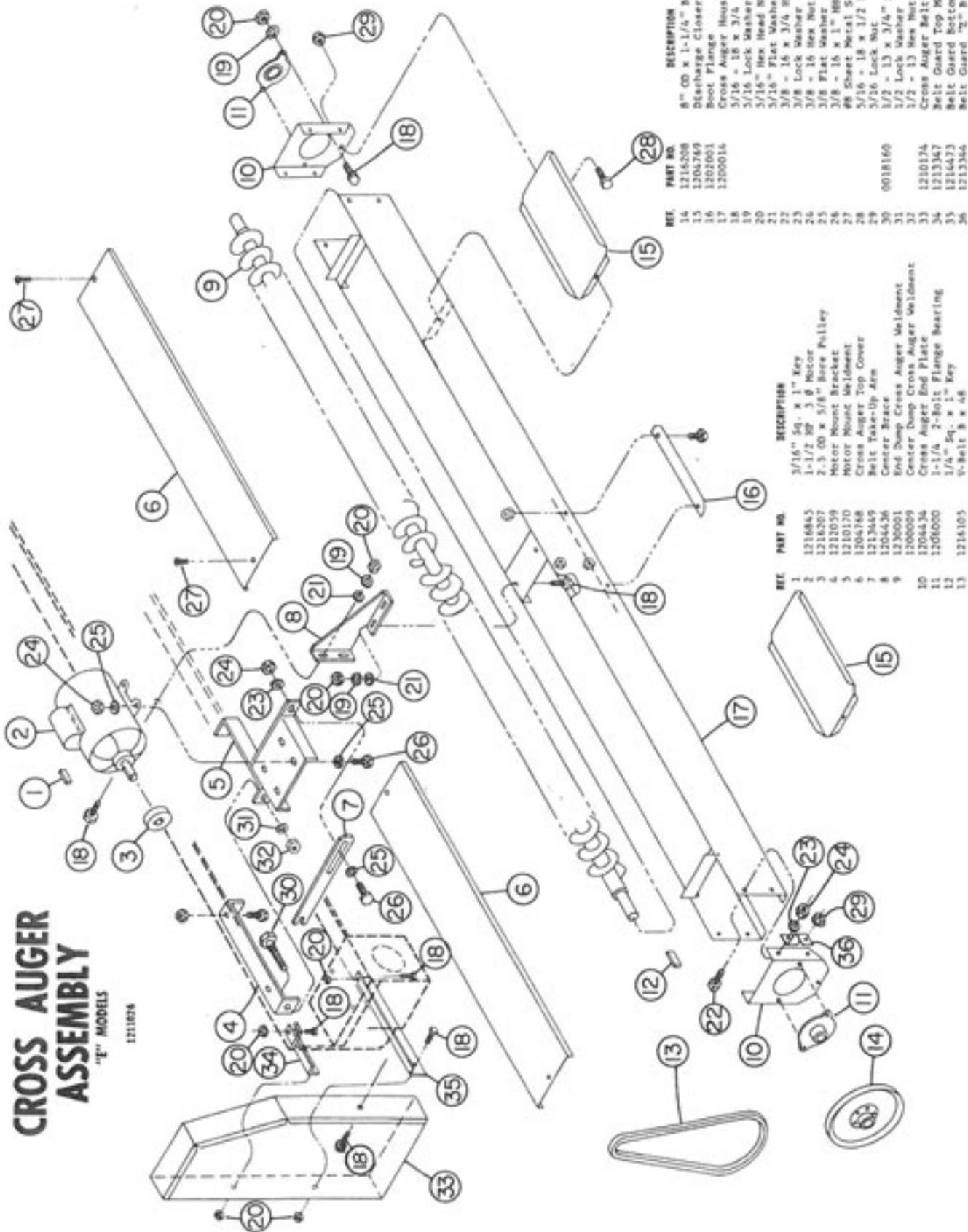


REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	1215186	5/8" x 1-1/4" Variable Pulley Plug	22	1215020	Variable Jackshaft	43	1216300	Chain RC-40 x 189" Lg. Including Offset
2	1216209	Spring Loaded Pulley x 5/8" Bore	23	0006200	10" O.D. Pulley x 1" Bore	44	1210129	and Spring Clip Slip Fit Connecting Link
3	1216845	3/16 x 1-3/8" Key	24	0006201	4.0 P.D. x 1" Bore Pulley	45	1216001	Eccentric Sprocket Weldment
4	1216404	1-1/2 HP 38 Electric Motor	25	0006003	Pillow Block Bearing 1" Bore	46	1210005	1/2-13 Carriage Bolt - Full Thread
5	0018256	Compression Spring	26	1210004	Eccentric Lock Collar for 1" Bore	47	1216841	Bearing 1-1/4" O.D. x 1/2" I.D.
6	1210011	Variable Drive Crank Weldment	27	1210007	Belt 51A70	48	1216847	3/4-10 x 4-1/2" RHCS - Full Thread
7	1214432	5/8" Flat Washer	28	1216107	10" O.D. Pulley x 1-1/4" Bore	49	1216847	Motor Mount Weldment
8	1210002	Variable Drive Crank Bracket	29	1216212	Sprocket RC-60, 16 Tooth 1-1/4" Bore	50	1210109	20 HP 38 Motor - 600E-800E-1600E Heating Sec.
9	1215000	Variable Drive Crank Pivot Nut	30	1206400	5/16-18 Hex Head Nut	51	1216847	15 HP 38 Motor - 400E Heating Section
10	1214431	3/16 x 1/4" Roll Pin	31	1218255	5/16-18 x 1-1/2 J Bolt	52	1216847	20 HP 38 Motor 800E-1600E Cooling Section
11	0018163	3/4" Flat Washer	32	1210009	5/16" Lock Washer	53	1210109	15 HP 38 Motor 600E-400E Cooling Section
12	1210106	Special Shoulder 1/2-13 x 1-1/4" Lg.	33	1210009	Connecting Arm Weldment	54	1210135	Fan Guard Weldment
13	1216108	1/2" Flat Washer	34	1213321	Feed Roll Retainer	55	1210192	3/4-10 Hex Nut
14	1216108	1/2" Lock Washer	35	1210038	Soleinoid Cover Weldment	56	1210036	3/4" x 3-3/4" Key
15	1210106	Front End Guard	36	1212057	Lower Front Guard Hanger			Fan Weldment Model 600E-800E-1600E Heating Sec.
16	1216108	Belt 857	37	1215703	Chain Tightener			Fan Weldment Model 400E Heating Section
17			38	1210033	Eccentric Sprocket Mount Weldment			Fan Weldment Model 800E-1600E Cooling Section
18			39	1213443	Wire Guard Bracket			Fan Weldment Model 600E Cooling Section
19			40	0015116	1/4 x 1" Key			1-1/4" 2 Bolt Flange Bearing
20			41		Side Auger Weldment - Driving Ends			Ratchet Guide Arm Weldment
21			42	1210051				

CROSS AUGER ASSEMBLY

"E" MODELS

1211076

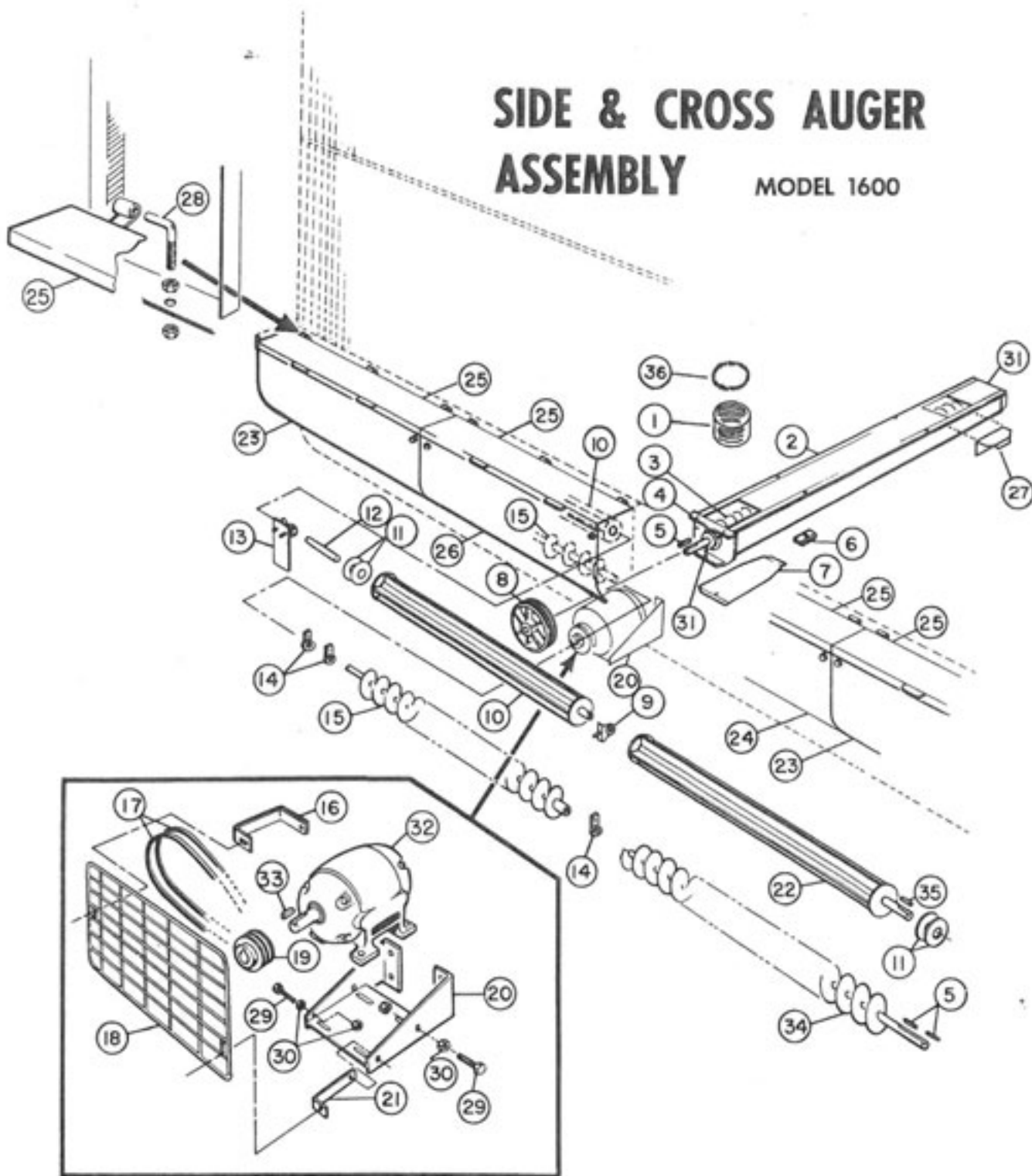


REF.	PART NO.	DESCRIPTION
1	1216A65	3/16" Sq. x 1" Key
2	1216A07	1-1/2 HP 3 Ø Motor
3	1216A07	2.5 OD x 5/8" Bore Pulley
4	1216A07	Motor Mount Bracket
5	1216A07	Motor Mount Weldment
6	1204766	Cross Auger Top Cover
7	1213A45	Belt Take-Up Arm
8	1204A36	Center Brace
9	1230001	End Dump Cross Auger Weldment
10	1204A34	Center Dump Cross Auger Weldment
11	1204A00	Cross Auger End Flange
12	1204A00	1-1/4 2-Bolt Flange Bearing
13	1216A105	1/4" Sq. x 1" Key
14	1216A105	V-Belt 5 x 48

REF.	PART NO.	DESCRIPTION
14	1216A08	8" OD x 1-1/4" Bore Pulley
15	1204769	Discharge Closer - Cross Auger
16	1202001	Boot Flange
17	1200016	Cross Auger Housing Weldment
18	5/16 Lock Washer	5/16 - 18 x 3/4 WMS
19	5/16 Hex Head Nut	5/16 - 18 x 3/4 WMS
20	5/16 Flat Washer	5/16 - 16 x 3/4 WMS
21	3/8 Lock Washer	3/8 - 16 x 3/4 WMS
22	3/8 Hex Nut	3/8 - 16 WMS
23	3/8 Flat Washer	3/8 - 16 x 1" WMS
24	#8 Sheet Metal Screw	5/16 - 18 x 1/2 WMS
25	5/16 Lock Nut	5/16 - 13 x 3/4" Shoulder Bolt
26	1/2 Lock Washer	1/2 - 13 Hex Nut
27	1/2 Hex Nut	1/2 - 13 Hex Nut
28	0018160	Cross Auger Belt Guard
29	1213A74	Belt Guard Top Mounting Bracket
30	1213A73	Belt Guard Bottom Mounting Bracket
31	1213A44	Belt Guard 2" Bracket

SIDE & CROSS AUGER ASSEMBLY

MODEL 1600



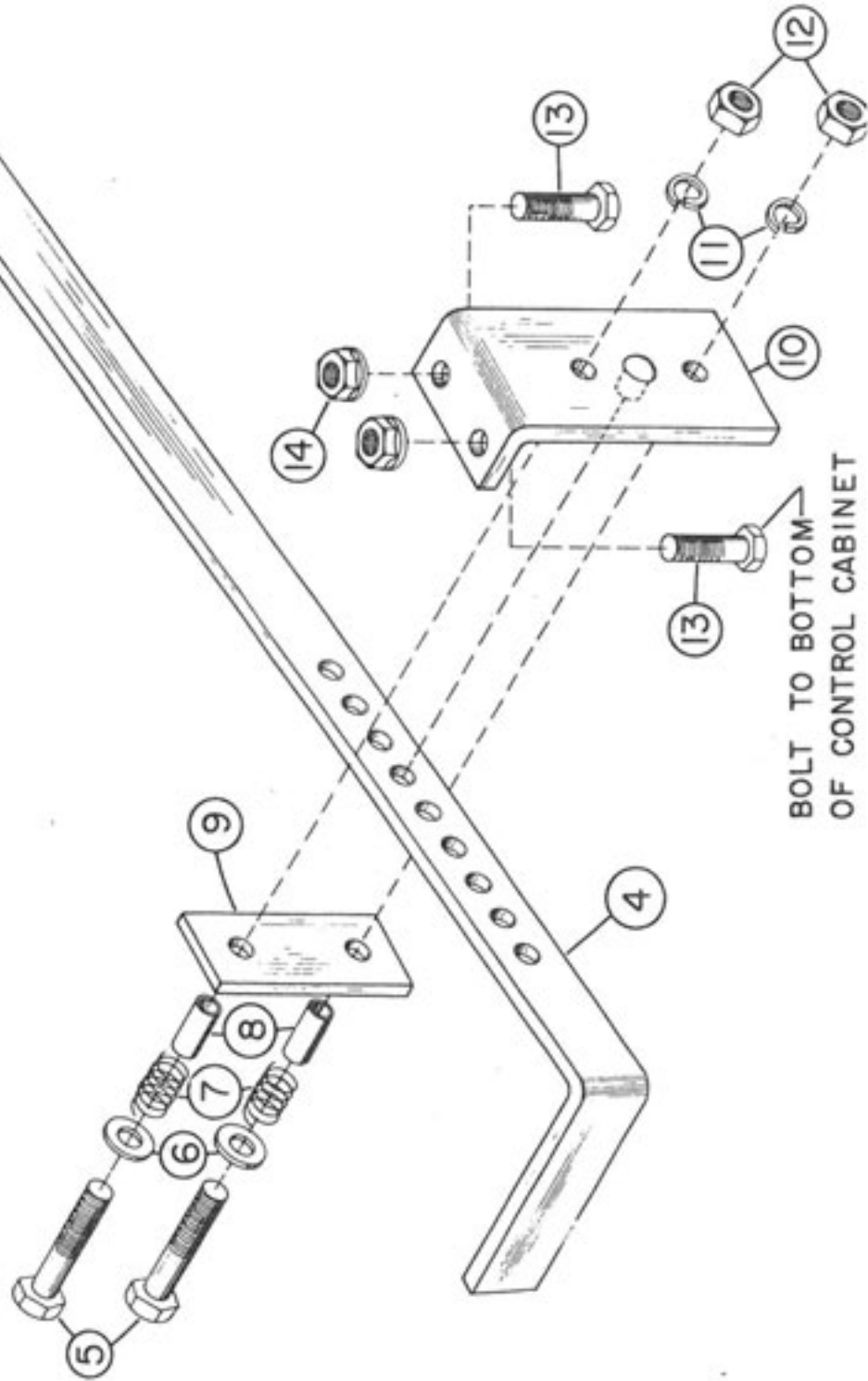
REF.	PART NO.	DESCRIPTION
1	1218980	Discharge Boot
2	1210012	10 Ft. Cross Auger Housing Weldment
3	1210024	10 Ft. Cross Auger Weldment
4	1214433	Cross Auger Housing End
5		1/4" Sq. x 1-1/2" Key
6	1213403	Cross Auger Mount Shim
7	1214766	Cross Auger Slide
8	1216202	Double Pulley 13.6 P.D. x 1-1/4" Bore
9	1210222	Center Feed Roll Mount
10	1210047	Feed Roll Weldment - Center Section
11	1214438	Feed Roll End Washer
12	1215044	Center Joint Shaft - Feed Roll
13	1210171	Center Bracket Weldment - Side Cover
14	1216002	Hanger Bearing 1-1/4"
15	1210052	Side Auger Weldment - Center Section
16	1213404	Guard Bracket
17	1216102	5L590 Belt (Order in matched sets of 2)
18	1210019	Cross Auger Drive Guard Weldment

REF.	PART NO.	DESCRIPTION
19	1216210	Double Pulley 2.8 P.D. x 5/8" Bore
20	1210183	Cross Auger Motor Base Weldment
21	1213405	Guard Bracket
22	1210046	Feed Roll Weldment
23	1214835	End Side Cover
24	1210224	Side Cover - Center Section Right
25	1210160	Feed Roll Cover Weldment
26	1210223	Side Cover Center Section - Left
27	1212710	Cross Auger Boot Flanges
28	1218253	Hinge Bracket - Side Cover
29		1/2-13 x 4-1/2" Full Thread
30		1/2-13 Hex Nut
31	1206000	1-1/4 2 Bolt Flange Bearing
32	1216845	1-1/2 HP 3Ø Motor
33		3/16" Sq. x 1-3/8 Key
34	1210051	Side Auger Weldment - End Section
35		1/4" Sq. x 1-1/4" Key
36	1208251	Canvas Boot Spring

VARIABLE DRIVE ARM ASSEMBLY

NUMBER 1211028

REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1		5/16 - 18 Hex Nut	8	1215555	Guide Spacer
2		1/2 - 13 Hex Head Nut	9	1213340	Spring Plate
3		1/2 - 13 x 1-1/4" HHCS	10	1210184	Variable Drive Bracket
4	1213452	Adjusting Arm	11		1/4" Lock Washer
5		1/4 - 20 x 1-1/2 HHCS	12		1/4 - 20 Hex Head Nut
6		1/4" Flat Washer	13		5/16 - 18 x 1/2" HHCS
7		Compression Spring			



M-C DRIVER PULLEY CHART
ELECTRIC MOTOR POWERED

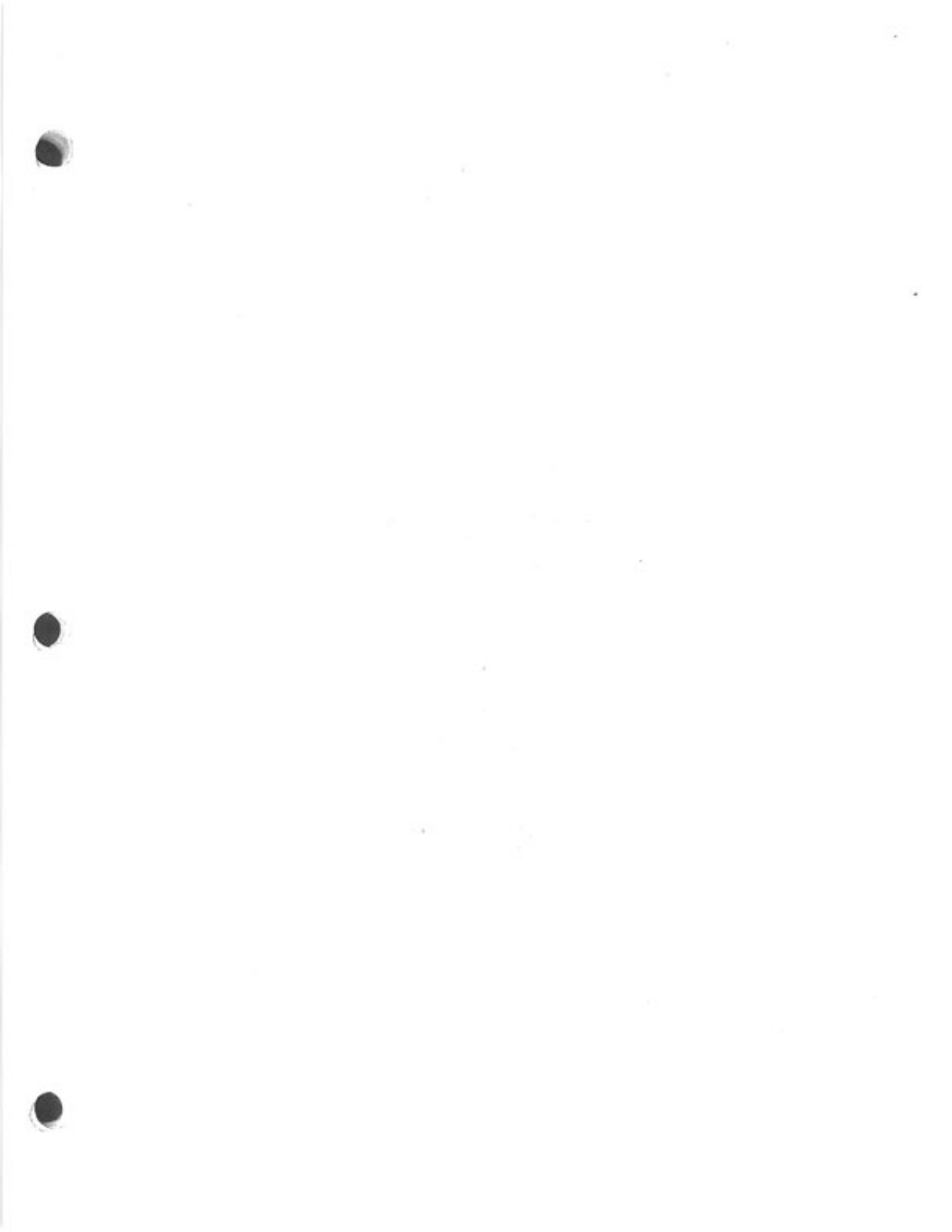
MODEL NO.	MOTOR HP	ELECTRIC MOTOR PULLEY				FAN SHAFT PULLEY				BELTS IN MAT SETS	FAN SPEED RPM
		PART NO.	PITCH DIA.	BUSHING PT. NO.	BORE	PART NO.	PITCH DIA.	BUSHING NO.	BORE		
300 BE	15	1216217	5B4.8	1206209	1-5/8	1206204	5B6.8	1206212	1-7/16	5	1217.6
300 BE	20	1206208	5B5.0	1206209	1-5/8	1206204	5B6.8	1206212	1-7/16	5	1268.0
300 BE	25	1206207	5B5.2	1206210	1-7/8	1206204	5B6.8	1206212	1-7/16	5	1319.1
400 BE	20	1206208	5B5.0	1206209	1-5/8	1206204	5B6.8	1206212	1-7/16	5	1268.0
400 BE	25	1206207	5B5.2	1206210	1-7/8	1206204	5B6.8	1206212	1-7/16	5	1319.1
600 BE	20	1206208	5B5.0	1206209	1-5/8	1206204	5B6.8	1206212	1-7/16	5	1268.0
600 BE	25	1206207	5B5.2	1206210	1-7/8	1206204	5B6.8	1206212	1-7/16	5	1319.1
600 BE	30	1206205	5B5.4	1206219	1-7/8	1206206	5B6.4	1206212	1-7/16	5	1455.5
800 BE	25	1206207	5B5.2	1206210	1-7/8	1206205	5B5.4	1206212	1-7/16	5	1661.1
800BE SEE NOTE	20	1206208	5B5.0	1206209	1-5/8	1206205	5B5.4	1206212	1-7/16	5	1597.2

TRACTOR DRIVEN P.T.O. - 540 R.P.M.

MODEL NO.	REQ. TRACTOR SIZE	JACKSHAFT PULLEY				FAN SHAFT PULLEY				BELTS IN MAT SETS	FAN SPEED RPM
		PART NO.	PITCH DIA.	BUSHING NO.	BORE	PULLEY PART NO.	PITCH DIA.	BUSHING NO.	BORE		
300 B	2-3plow	1216214	5B18.4	1206211	1-7/16	1206204	5B6.8	1206212	1-7/16	5	1461.2
400 B	3 plow	1216214	5B18.4	1206211	1-7/16	1206204	5B6.8	1206212	1-7/16	5	1461.2
600B	3-4plow	1216214	5B18.4	1206211	1-7/16	1206206	5B6.4	1206212	1-7/16	5	1552.5
800 B 1 gr.	4 plow & 1 gr.	1216215	6B18.4	1206211	1-7/16	1216216	6B6.0	1206212	1-7/16	6	1656.0

P.T.O. 1000 R.P.M.

NOTE: 800BE's are driven with a 25 h.p. motor and cooled with a 20 h.p. motor, whereas the other models are driven with only one motor.



M-C