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AN760 Parts List
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Cabinet

Front Panels

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AN760 THE PARTS ILLUSTRATIONS AND PARTS LISTS
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GENERAL

This section contains the Parts Illustrations and the Parts List for each of the major assemblies in the AN760.

A *No Number* designation, when used in the Part Number Column indicates the unit is not available from SCOTSMAN as an assembly. This designation is used only for the convenience and clarity of division in cataloging.

HOW TO ORDER PARTS OR ASSEMBLIES

When ordering parts or assemblies, to avoid costly delays and errors in shipment, give the part number, the complete description shown in the list, and the quantities of each part or assembly required. Also include the model name, the serial number of the icemaker for which the part is required and for parts which require color matching, the color of the cabinet.

All part numbers have TEN DIGITS (spaces), required for use in the Computer System. BE SURE to fill in ALL SPACES in the CATALOG NUMBER column, on the parts order form.

Model AN760's have been manufactured in "A" or "C" models (as in AN760AE-1A vs. AN760AE-1C). Refer to the complete model number to obtain the correct part number.

WIRING DIAGRAMS

This section is provided as an aid in understanding the electrical circuitry of the AN760 Automatic Nugget Icemaker.

The wiring diagrams in this Section are:

AN760AE-1A (115/60/1) Air-Cooled
AN760WE-1A (115/60/1) Water-Cooled
AN760AE-1C (115/60/1) Air-Cooled
AN760WE-1C (115/60/1) Water-Cooled

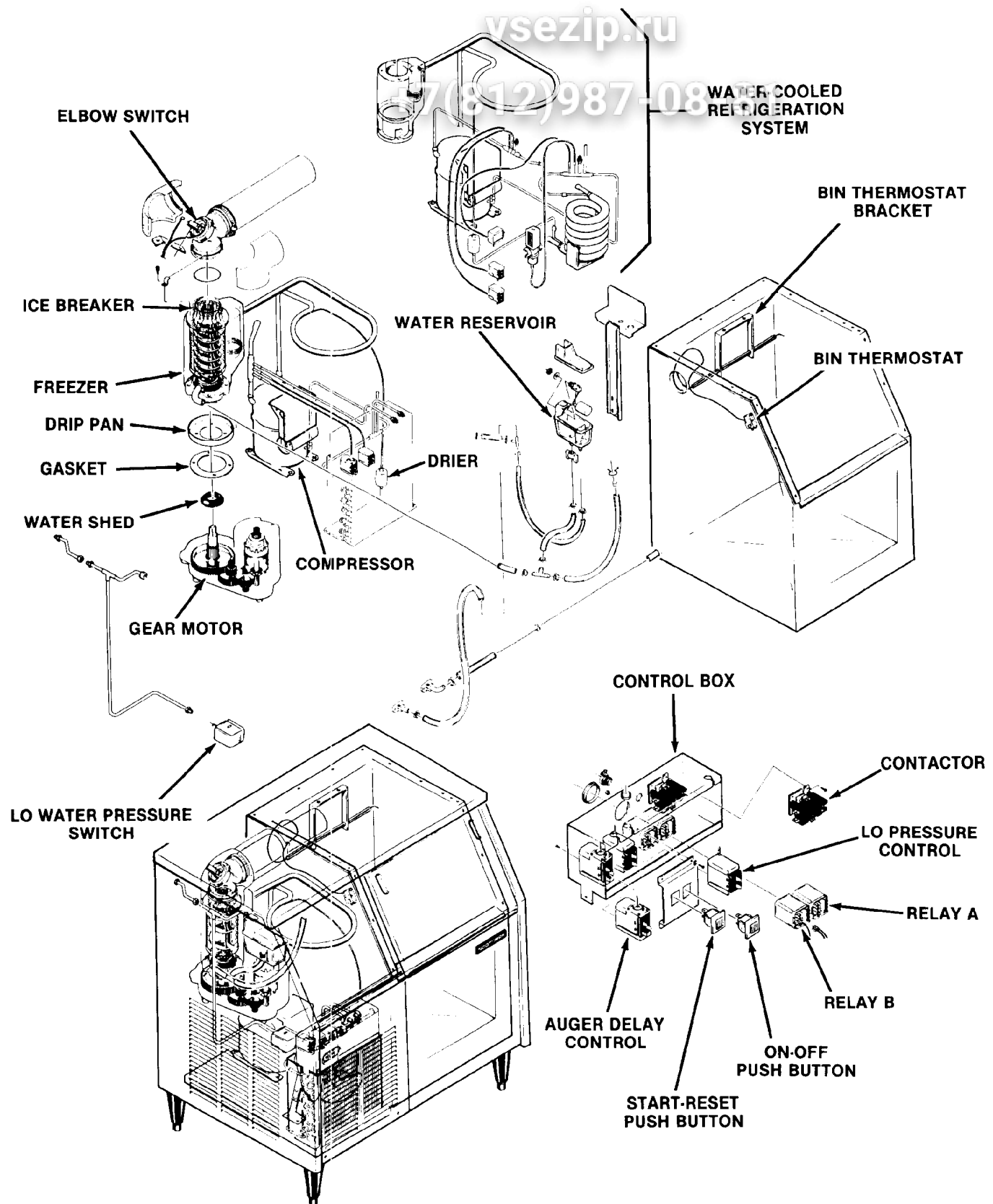
//////////////// **WARNING** //////////////////

When conducting a continuity check of the modular cuber:

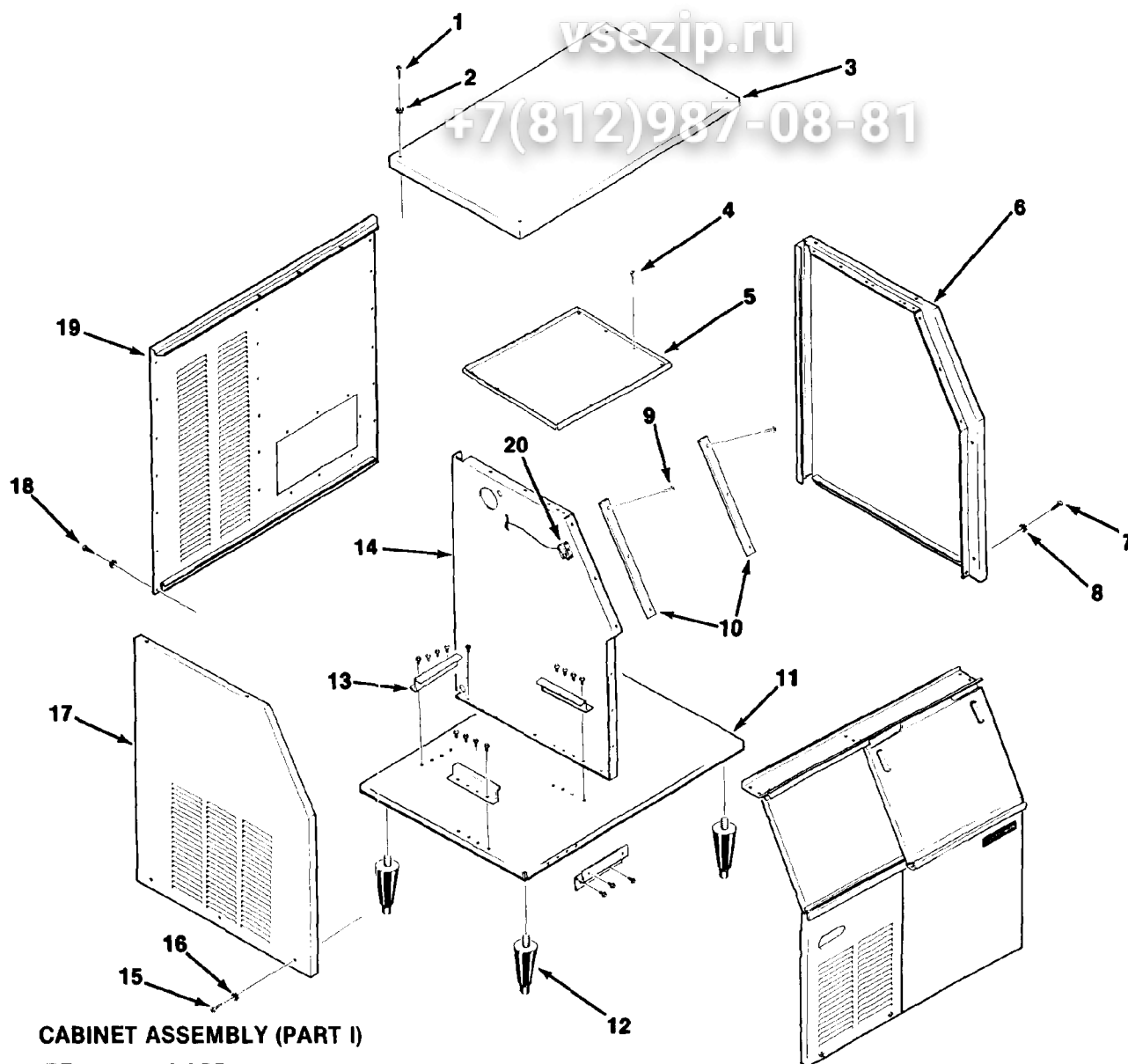
1. **Disconnect the main power source.**
2. **DO NOT use an incandescent lamp or jumper wire, conduct all tests with a volt-ohm-meter.**

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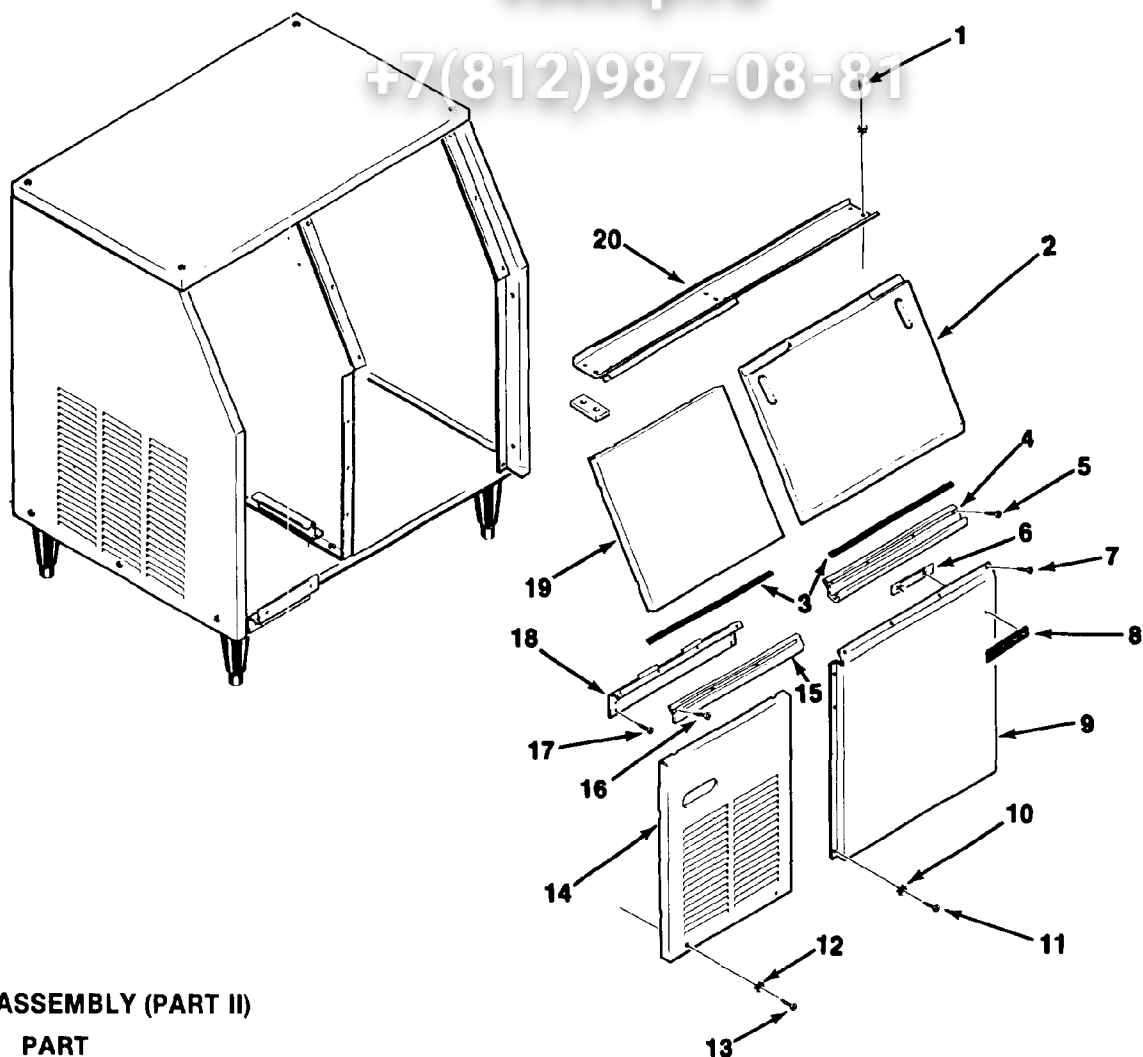
CABINET ASSEMBLY (PART I)

ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1419-19	Screw, #8 x 1-3/4	11	No Number	Unit Base
2	03-1417-15	Lockwasher, #8	12	No Number	Legs, Enamel (KLP2E)
3	A30738-003	Top Panel, Enamel		No Number	Legs, S.S. (KLP2S)
	A30738-002	Top Panel, S.S. Only		No Number	Chassis Stop
4	03-1404-09	Screw, #8 x 1/2	13	A27032-002	Insulation Retainer
5	A30722-001	Cover, Bin	14	03-1404-09	Screw, #8 x 1/2
6	A24800-007	Panel, Right Side Enamel	15	03-1417-03	Lockwasher, #8
	A24800-002	Panel, Right Side S.S.	16	A27034-007	Panel, Left Side Enamel
7	03-1404-09	Screw, #8 x 1/2		A27034-002	Panel, Left Side S.S.
8	03-1417-03	Lockwasher, #8	17	03-1404-09	Screw, #8 x 1/2
9	03-1419-17	Screw, #8 x 5/8	18	A30498-001	Back Panel (A Model)
10	A30503-001	Support Strip, Right	19	A32322-001	Back Panel (C Model)
	A30503-002	Support Strip, Left	20	11-0354-00	Bin Thermostat

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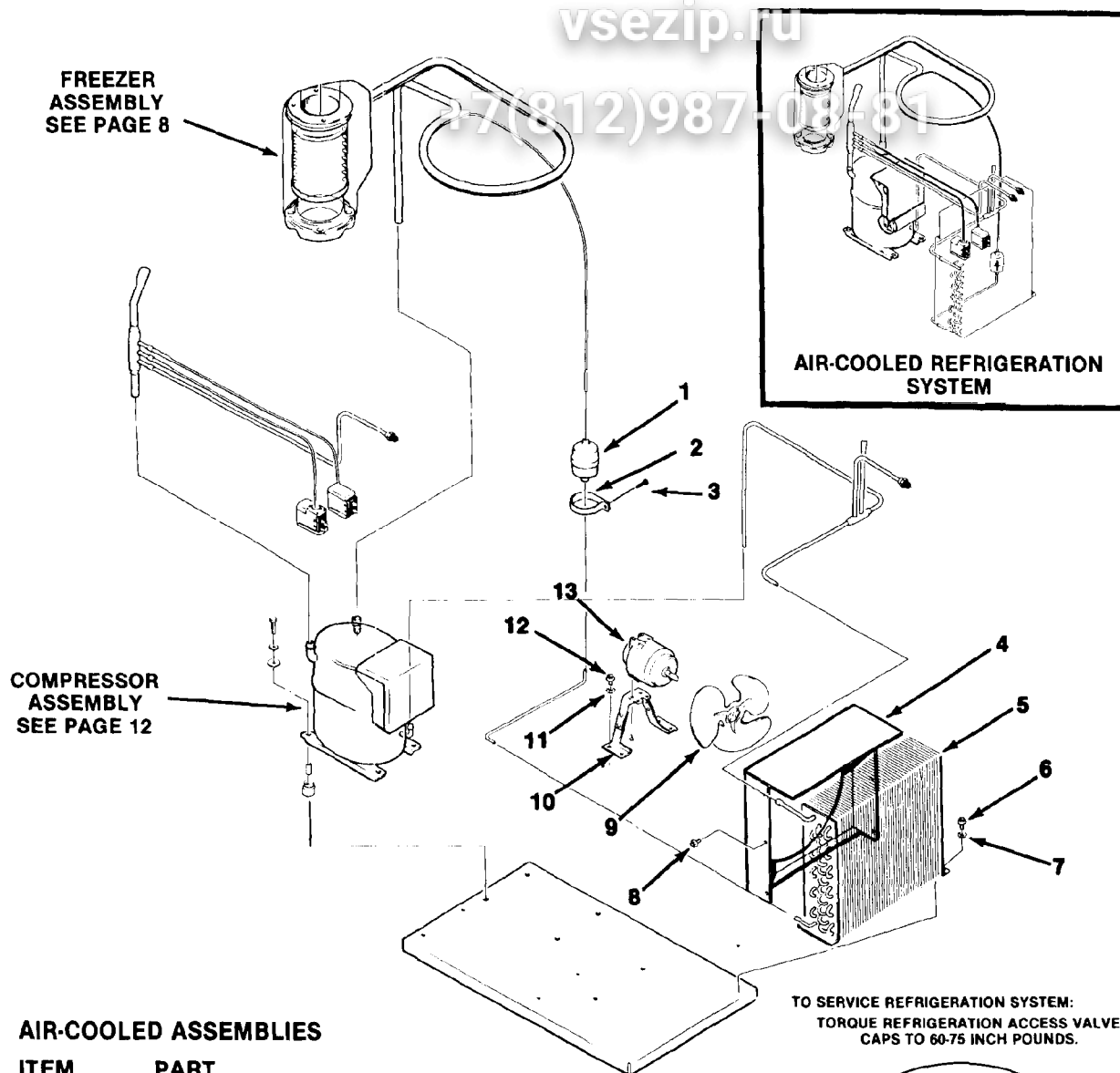
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CABINET ASSEMBLY (PART II)

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1404-09	Screw, #8 x 1/2
2	02-2130-01	Ice Access Door, Enamel Units (orange plastic)
	02-2130-02	Ice Access Door, S.S. (grey plastic)
3	15-0324-00	Plastic Insert (36.5")
4	15-0620-01	Moulding Strip
5	03-1419-05	Screw, #8 x 5/8
6	03-0271-00	Speed Clip
7	03-1419-05	Screw, #8 x 1-1/2
8	15-0711-01	Scotsman Emblem
9	A24794-007	Panel, Right Front Enamel
	A24794-002	Panel, Right Front S.S.
10	03-1417-03	Lockwasher, #8
11	03-1404-09	Screw, #8 x 1/2
12	03-1417-09	Lockwasher, #8
13	03-1419-16	Screw, #8 x 1/2
14	A30496-004	Panel, Lower Left Front, Enamel
	A30496-002	Panel, Lower Left Front, S.S.
15	15-0706-01	Moulding Strip
16	03-1419-17	Screw, #8 x 5/8
17	03-1404-09	Screw, #8 x 1/2
18	A30502-001	Bracket, Left Front
19	A30497-005	Panel, Upper Left Front, Enamel
	A30497-002	Panel, Upper Left Front, S.S.
20	A30539-001	Door Track Assembly

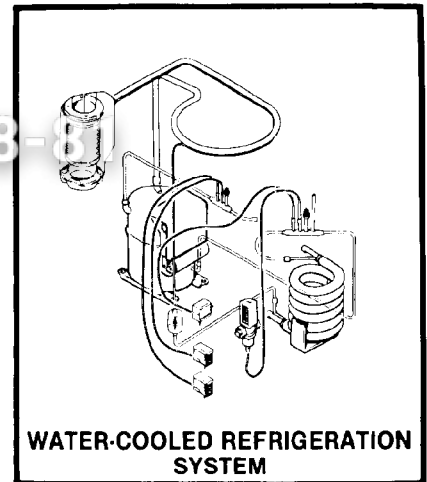
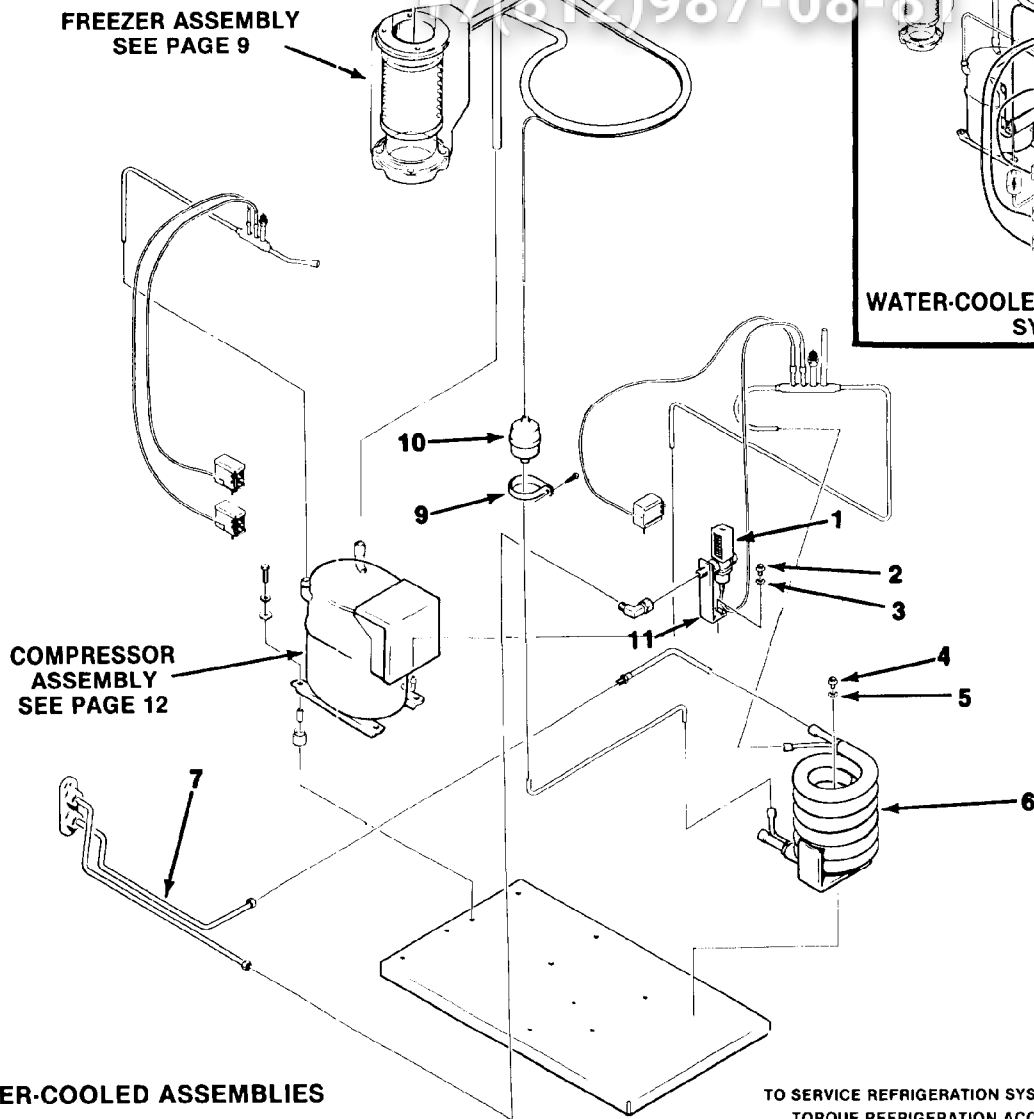
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AIR-COOLED ASSEMBLIES

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	02-0544-01	Drier
2	A09388-001	Drier Brace
3	03-1531-01	Screw, #8 x 7/8
4	A30003-001	Shroud
5	18-0396-01	Condenser
6	03-0571-00	Screw, 1/4 - 20 x 1/2
7	03-1417-09	Lockwasher, 1/4
8	03-1404-03	Screw, #6 x 1/4
9	18-0625-00	Fan Blade & Nut
10	A25548-001	Fan Mounting Bracket
11	03-1417-09	Lockwasher, 1/4
12	03-0571-00	Screw, 1/4 - 20 x 1/2
13	18-0559-01	Fan Motor 115/60/1
	18-0559-00	Fan Motor 230/50/1

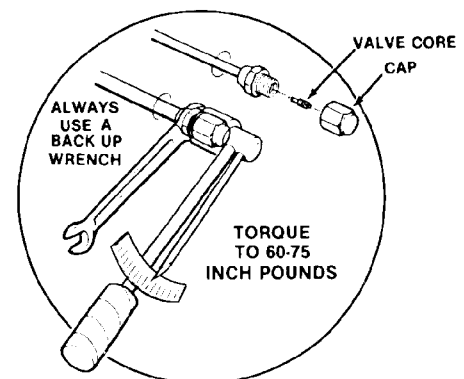
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WATER-COOLED ASSEMBLIES

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	11-0198-02	Water Regulator Assembly
2	03-0571-00	Screw, 1/4 - 20 x 1/2
3	03-1417-09	Lockwasher, 1/4
4	03-0571-00	Screw, 1/4 - 20 x 1/2
5	03-1417-09	Lockwasher, 1/4
6	18-3305-02	Condenser
7	A32088-002	Drain Assembly, Water-Cooled
8	03-1531-01	Screw, #8 x 7/8
9	A09388-001	Brace
10	02-0544-01	Drier
11	A15924-000	Bracket

TO SERVICE REFRIGERATION SYSTEM:
TORQUE REFRIGERATION ACCESS VALVE
CAPS TO 60-75 INCH POUNDS.

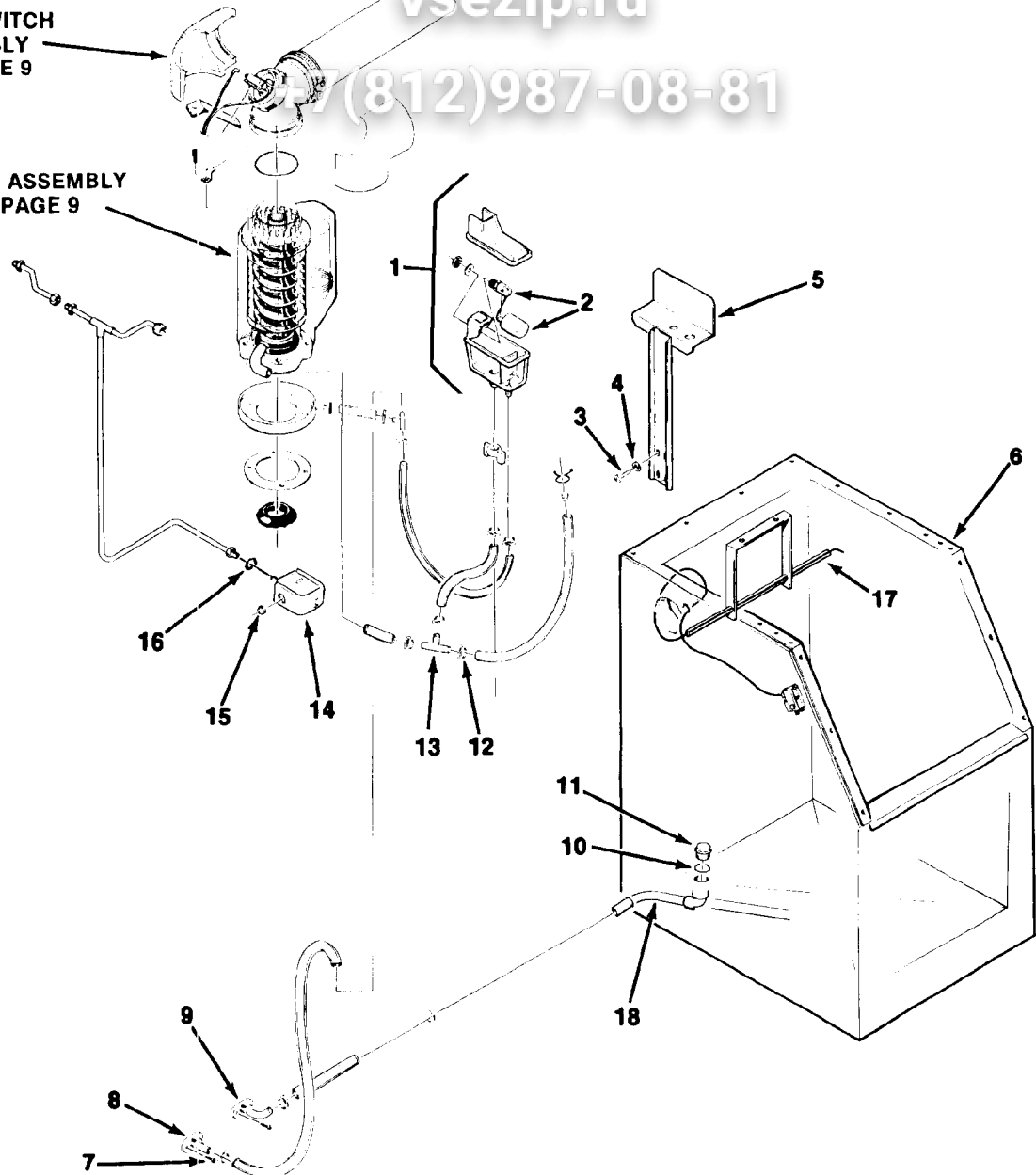


ALWAYS USE A BACK-UP
WRENCH TO AVOID DAMAGE
TO THE REFRIGERANT TUBING.

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ELBOW SWITCH
ASSEMBLY
SEE PAGE 9

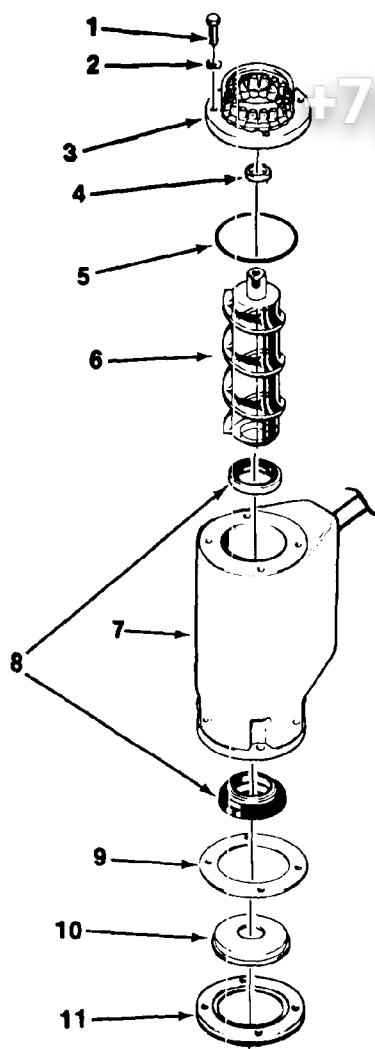
FREEZER ASSEMBLY
SEE PAGE 9



WATER AND DRAINAGE SYSTEM

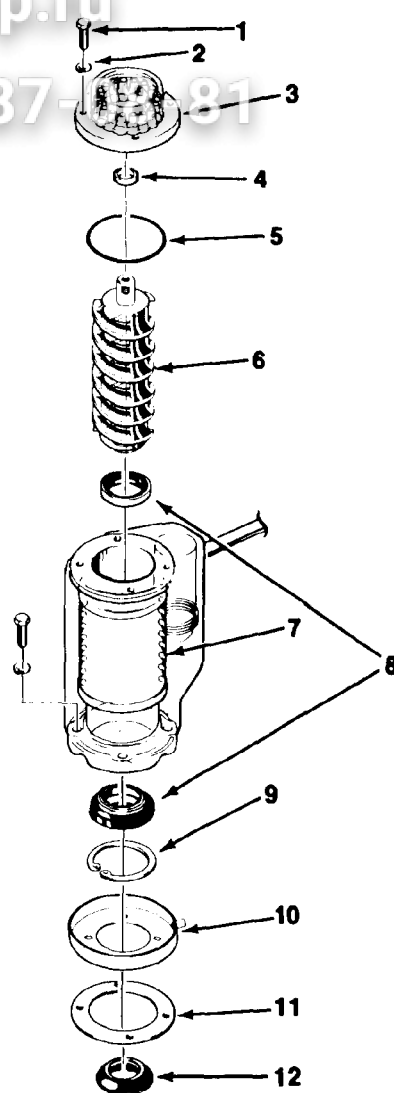
ITEM NUMBER	PART NUMBER	DESCRIPTION			
1	02-2217-01	Reservoir	9	A32088-001	Drain Assembly
2	02-2217-02	Valve and Float	10	13-0617-11	O-ring
3	03-0571-00	Screw, 1/4 - 20 x 1/2	11	02-2809-01	Drain Top
4	03-1417-09	Lockwasher, 1/4	12	02-0534-00	Hose Clamp
5	A30538-001	Reservoir Bracket	13	16-0670-02	Tee
6	02-2774-02	Storage Bin	14	11-0296-00	Lo Water Pressure Control
7	03-1405-03	Screw, 1/4 - 20 x 1/2	15	12-1213-10	Snap Bushing
8	A32088-002	Drain Assembly (Water-Cooled only)	16	03-1409-21	Rubber Washer
			17	A30720-001	Bin Thermostat Bracket
			18	A27018-001	Drain

AN760 THE PARTS ILLUSTRATIONS AND PARTS LISTS



FREEZER ASSEMBLY (A & B MODELS ONLY)

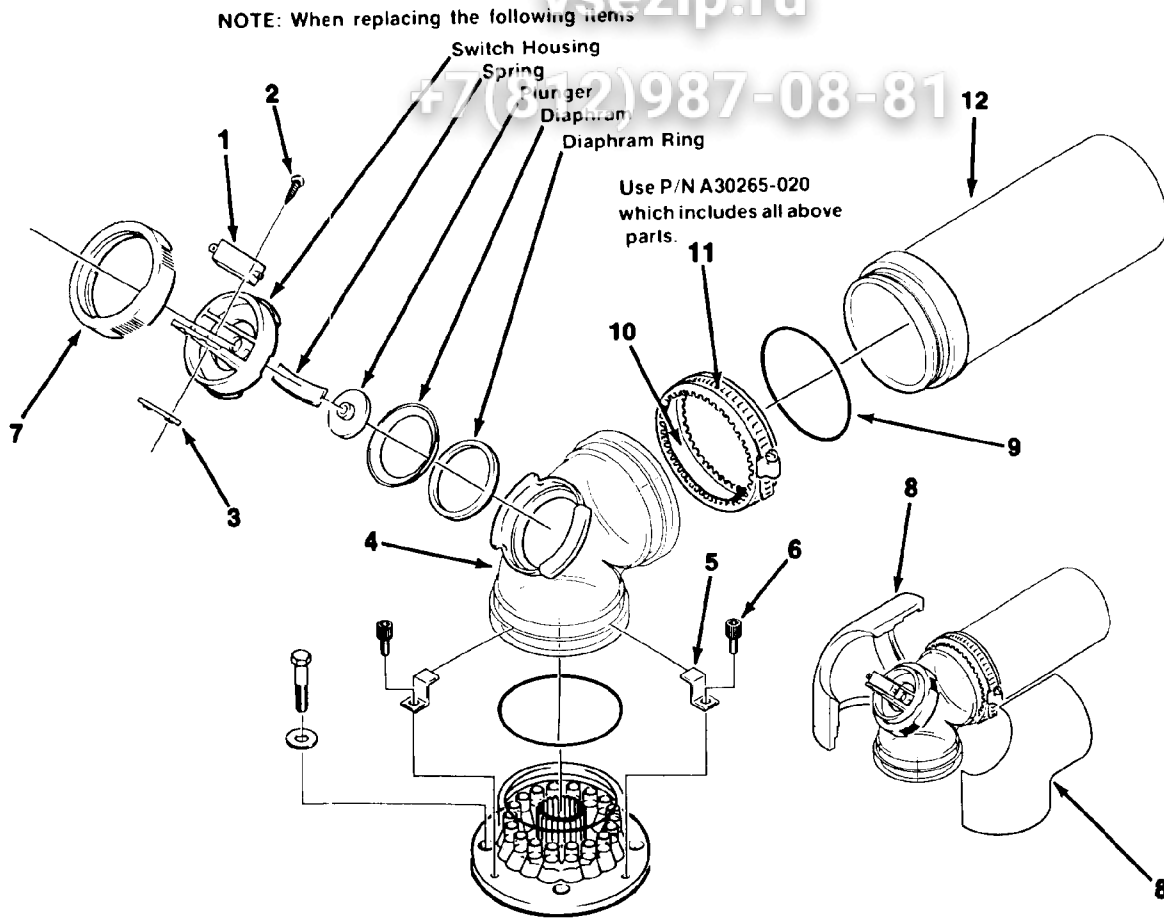
ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1405-42	Screw, No. 5/16 - 18 x 7/8 Hex Cap
2	03-1417-13	Lockwasher, No. 5/16
3	A32571-020	Ice Breaker (Includes Bearing & Seal)
4	02-2853-01	Seal
5	13-0617-46	O-Ring
6	A31839-001	Auger
7	A32098-020	Freezer Assembly
8	02-0929-01	Seal, Water
9	13-0704-00	Gasket
10	A29463-001	Adapter Freezer
11	02-2577-01	Adapter Large



FREEZER ASSEMBLY (C MODEL ONLY)

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	03-1405-42	Screw
2	03-1417-13	Lockwasher
3	A32571-020	Ice Breaker (Includes Bearing & Seal)
4	02-2853-01	Seal
5	13-0617-46	O-Ring
6	A31839-001	Auger
7	A32098-020	Freezer Assembly (Includes 10 & 11)
8	02-0929-01	Water Seal
9	03-1558-05	Snap Ring
10	A32050-001	Drip Pan
11	13-0704-00	Gasket
12	13-0709-02	Water Shed

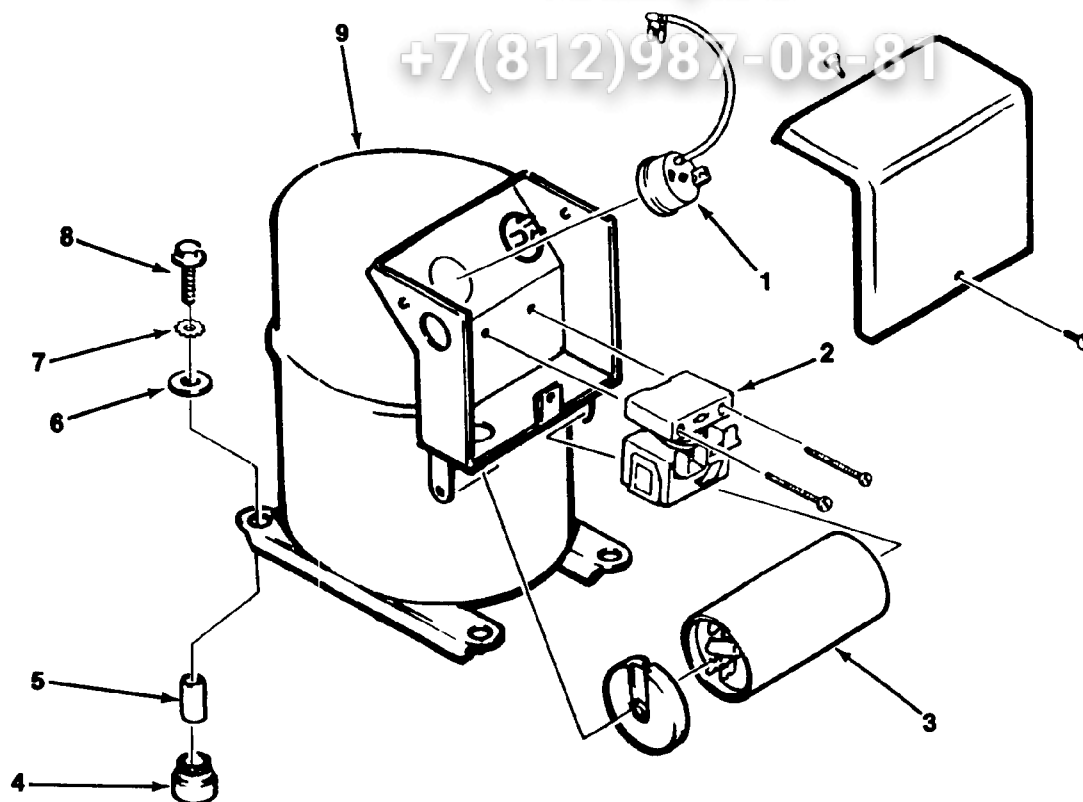
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ELBOW AND SWITCH ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	12-2202-01	Switch
2	03-1403-08	Screw, No. 6-32 x 7/8
3	03-0886-00	Speednut
4	02-2764-01	Elbow Assembly
5	02-2604-01	Bracket, Spout Retaining
6	03-1544-04	Screw, No. 10-24 x 3/8 S.S. Soc Hd Cap
7	02-2637-01	Retaining Ring
8	A31390-001	Insulation (Includes left & right sides)
9	13-0619-49	O-Ring
10	A30089-001	U-Channel
11	02-0179-03	Clamp
12	A30087-004	Ice Tube

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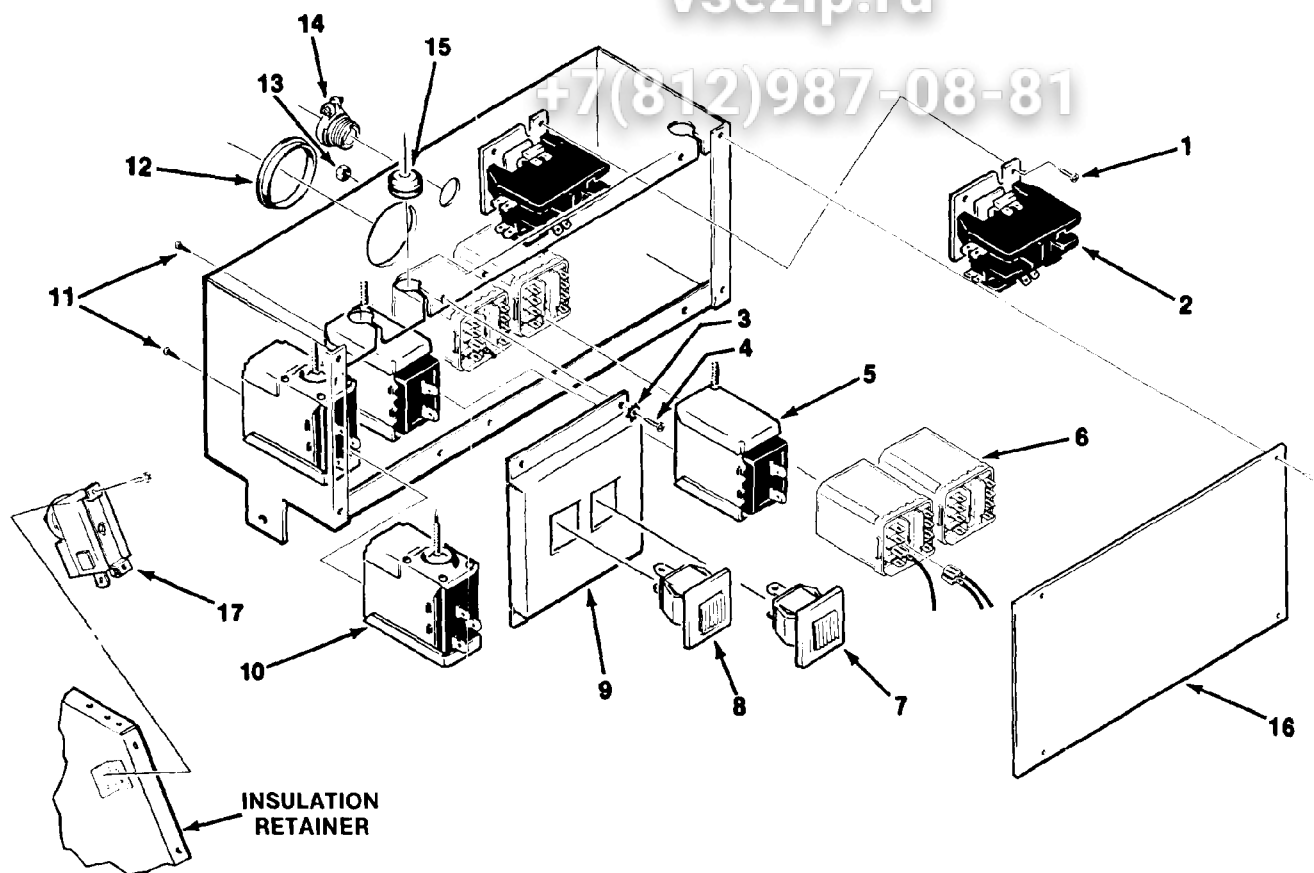


COMPRESSOR ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	18-2400-25	Overload (115/60/1)
2	18-2410-00	Relay (115/60/1)
3	18-2420-00	Capacitor with cap, (115/60/1)
4	18-2200-28	Grommet
5	18-2200-27	Sleeve
6	03-1408-29	Washer
7	03-1417-12	Lockwasher
8	03-1405-40	Screw
9	18-3900-01	Compressor Assembly, (115/60/1)

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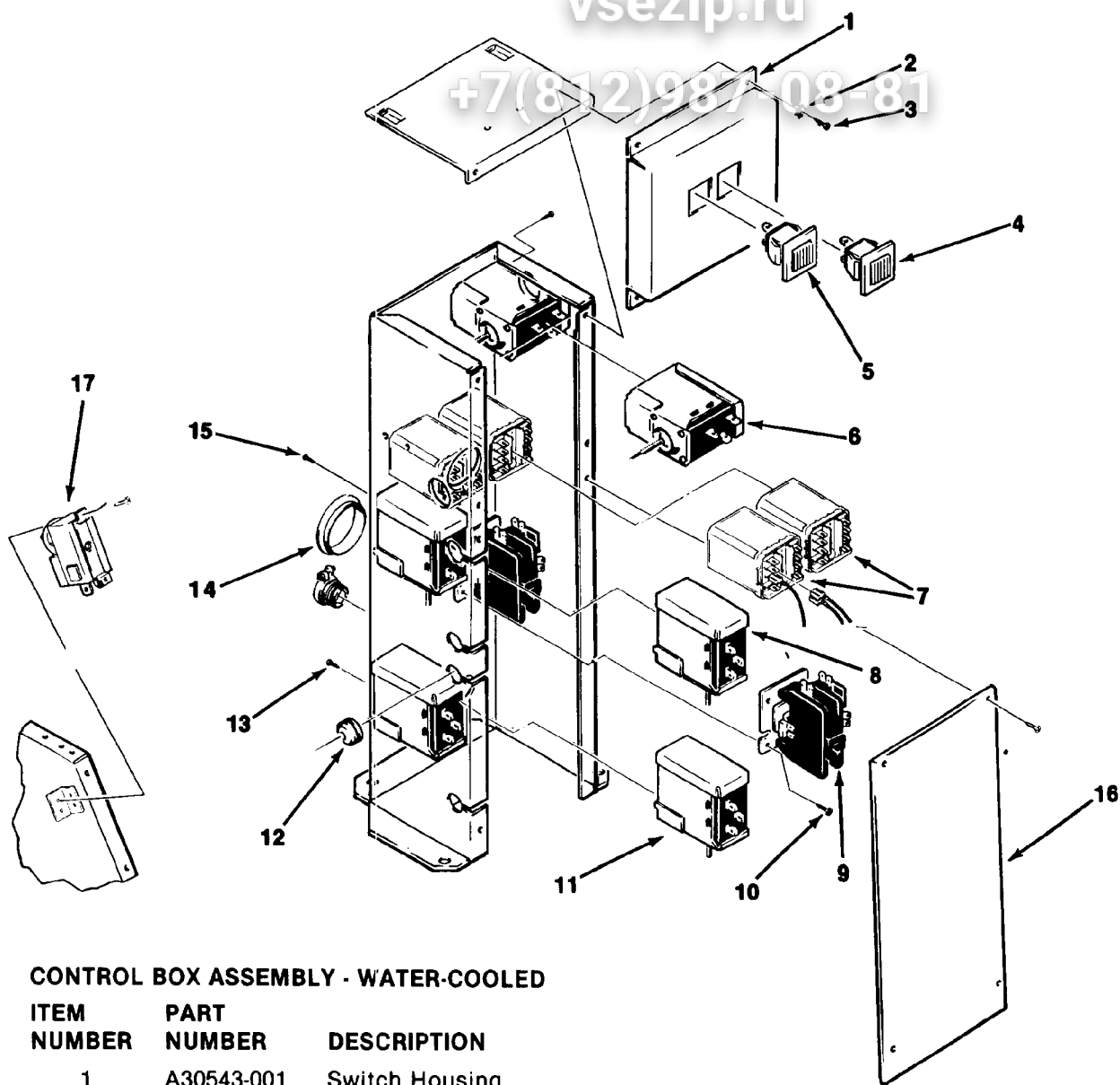


CONTROL BOX ASSEMBLY - AIR-COOLED

ITEM NUMBER	PART NUMBER	DESCRIPTION			
1	03-1531-01	Screw, #8 x 3/8	9	A30543-001	Switch Housing
2	12-2048-01	Contactor, (115/60/1)	10	11-0420-01	Low Pressure Control
3	03-1417-03	Lockwasher	11	03-1403-02	Screw, #6 x 1/4
4	03-1531-01	Screw, #8 x 3/8	12	12-1213-12	Snap Bushing
5	11-0402-01	Lo Pressure Control (Auger Delay)	13	03-1406-01	Nut
6	12-2090-01	Relay, (115/60/1)	14	12-0256-00	Straight Connector
7	12-2200-01	ON-OFF Switch, (115/60/1)	15	13-0557-00	Grommet
8	12-2199-01	Start-Reset Switch, (115/60/1)	16	A31654-001	Control Box Cover
			17	11-0354-00	Bin Thermostat (Located on Insulation Retainer)

Relay B added after July 1984 production

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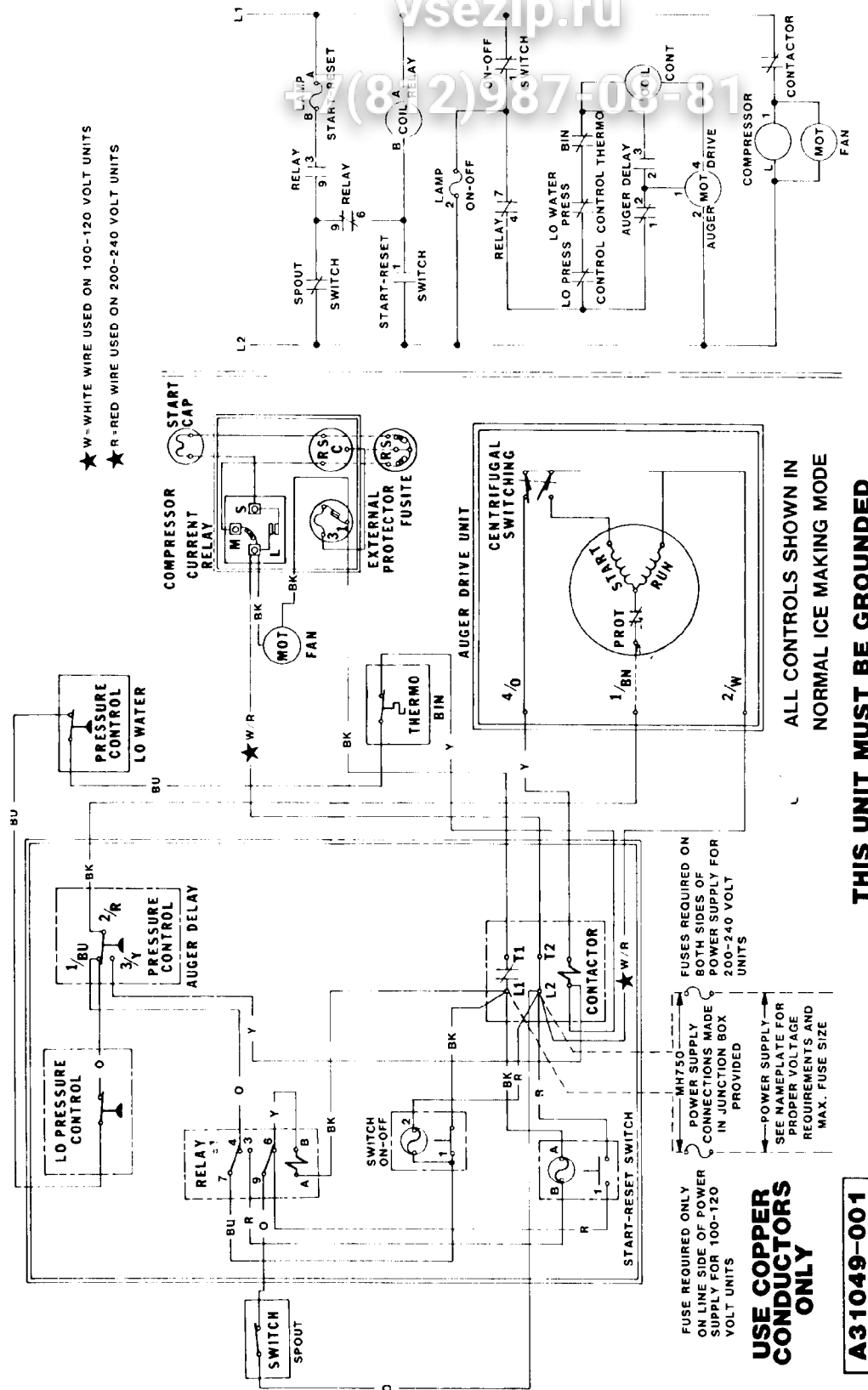
CONTROL BOX ASSEMBLY - WATER-COOLED

ITEM NUMBER	PART NUMBER	DESCRIPTION
1	A30543-001	Switch Housing
2	03-1417-03	Lockwasher
3	03-1531-01	Screw, #8 x 3/8
4	12-2200-01	ON-OFF Switch,
		(115/60/1)
5	12-2199-01	Start-Reset Switch,
		(115/60/1)
6	11-0388-02	Hi Pressure Control
7	12-2090-01	Relay, (115/60/1)
8	11-0402-01	Auger Delay - Control
9	12-2048-01	Contactor, (115/60/1)
10	03-1531-01	Screw, #8 x 3/8
11	11-0420-01	Low Pressure Control
12	13-0557-00	Grommet
13	03-1403-02	Screw, #6 x 1/4
14	12-1213-10	Snap Bushing
15	03-1413-02	Screw, #6 x 1/4
16	A30542-001	Control Box Cover
17	11-0354-00	Bin Thermostat (Located on Retainer)

Relay B added after July 1984 production

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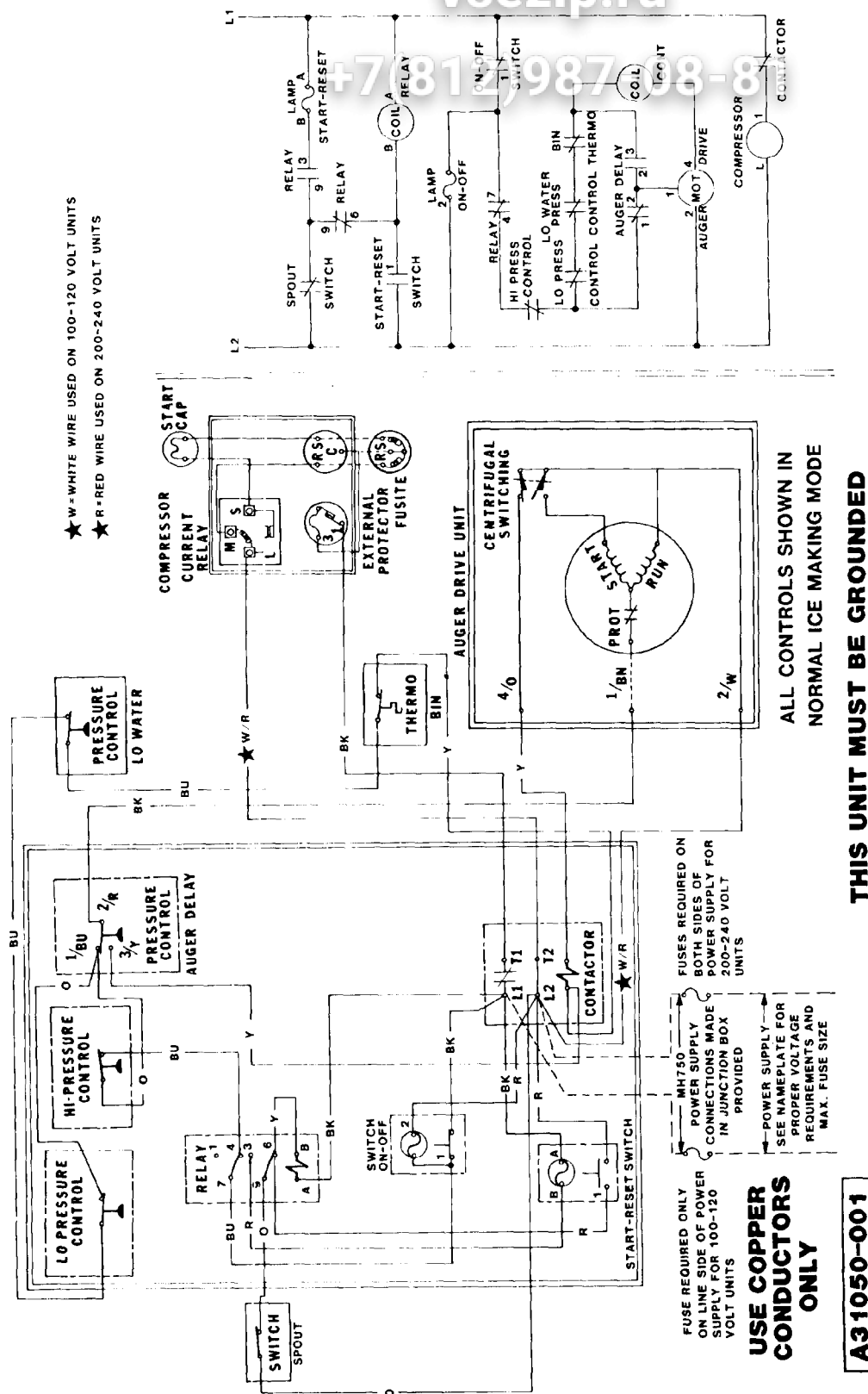
Relay B added after July 1984 production - See page 18



AN760AE-1A (115/60/1) Air-Cooled Models

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Relay B added after July 1984 production - See page 19



AN760WE-1A (115/60/1) Water-Cooled Models

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COIL RELAY (8) ON-OFF SWITCH RELAY RELAY RELAY 8



THIS UNIT MUST BE GROUNDED

**USE COPPER
CONDUCTORS
ONLY**

POWER SUPPLY —
SEE NAMEPLATE FOR
PROPER VOLTAGE
REQUIREMENTS AND
WIRING INSTRUCTIONS.

AUGUST, 1986
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