

# Mi-T-M<sup>®</sup> CORPORATION

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## PARTS LIST FOR ***CM-1250-A/C***

Motor Specs:

1.5 HP / 1 Phase / 115 Volts

Pump Oil:

Mi-T-M #AW-4085-0016

Pump Oil Capacity:

6.5 oz.

Nozzle Size:

1.20 mm

This Parts Listing has been compiled for your benefit. You can be assured your Mi-T-M Cold Water Pressure Washer was constructed and designed with quality and performance in mind using over 25 years experience in the pressure washer business. Each component has been rigorously tested to insure the highest level of acceptance.

The contents of this Parts Listing are based on the latest product information available at the time of publication. Mi-T-M reserves the right to make changes in price, color, materials, equipment, specifications or models at any time without notice.

**WARNING**

THIS IS A PROFESSIONAL HIGH PRESSURE, COLD WATER PRESSURE WASHER. CAUTION SHOULD BE OBSERVED WHEN USING OR REPAIRING THIS UNIT! READ AND FOLLOW THE SAFETY WARNINGS LISTED BELOW BEFORE ATTEMPTING ANY REPAIRS ON THIS PRESSURE WASHER!

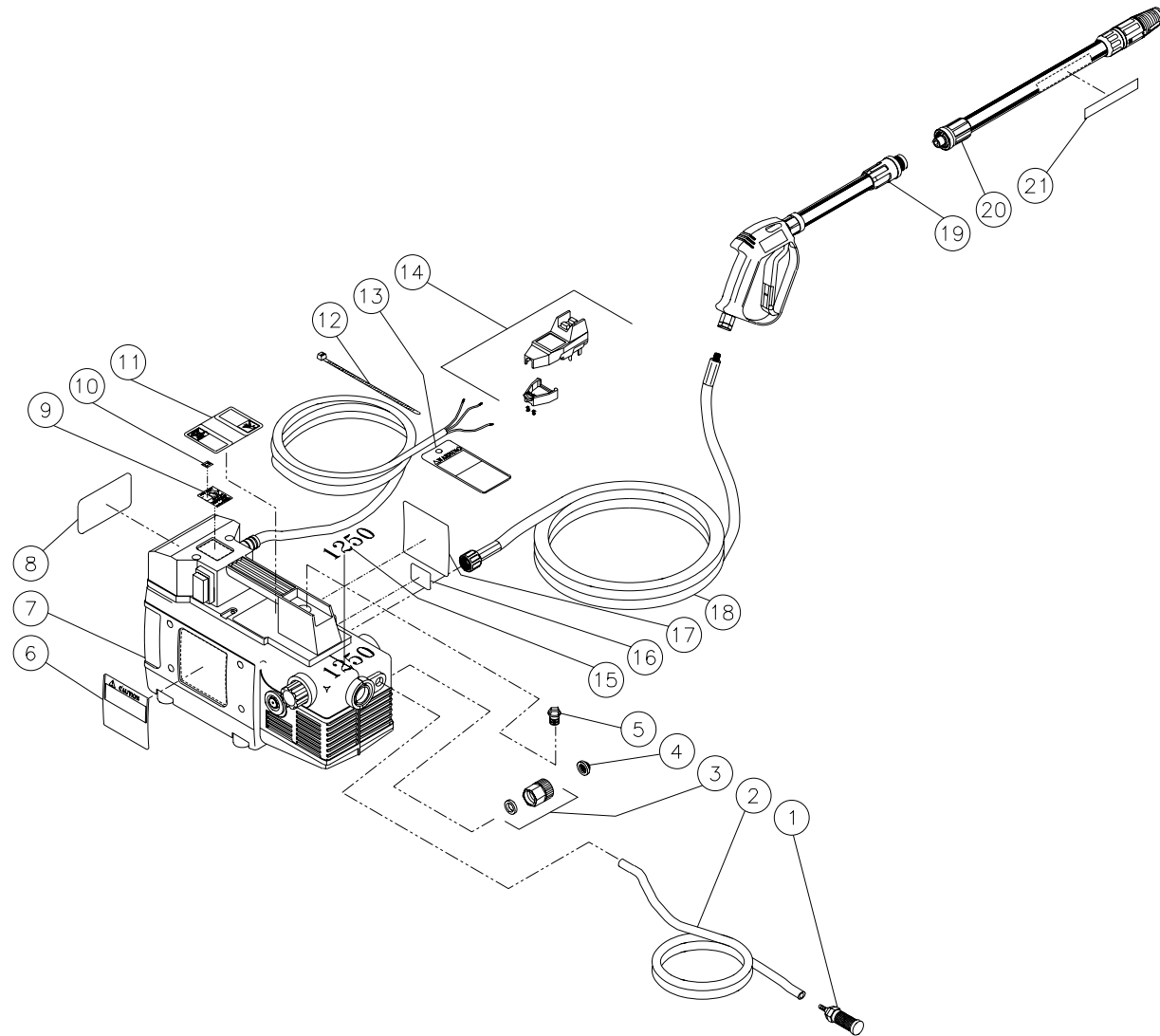
**SAFETY WARNINGS**

1. NEVER alter or modify the equipment. Be sure any accessory items and system components being used will withstand the pressure developed. Use only genuine Mi-T-M parts for repair of your pressure washer. Failure to do so can cause hazardous operating conditions and will VOID warranty.
2. NEVER make adjustments on machinery while the unit is connected to the engine without first removing the ignition cable from the spark plug. Turning over the machinery by hand during adjustment or cleaning might start the engine and machinery with it, causing serious injury to the operator.
3. Know how to stop and bleed pressures quickly. Be thoroughly familiar with controls.
4. Before servicing the unit, turn unit off, relieve the water pressure and allow the unit to cool down. Do not make repairs while the unit is running. Service in a clean, dry, flat area. Block the wheels to prevent the unit from moving. Be especially careful to properly dispose of any flammable materials.
5. After testing the machine, DO NOT leave the pressurized unit unattended. Shut off the unit and release trapped pressure before leaving.

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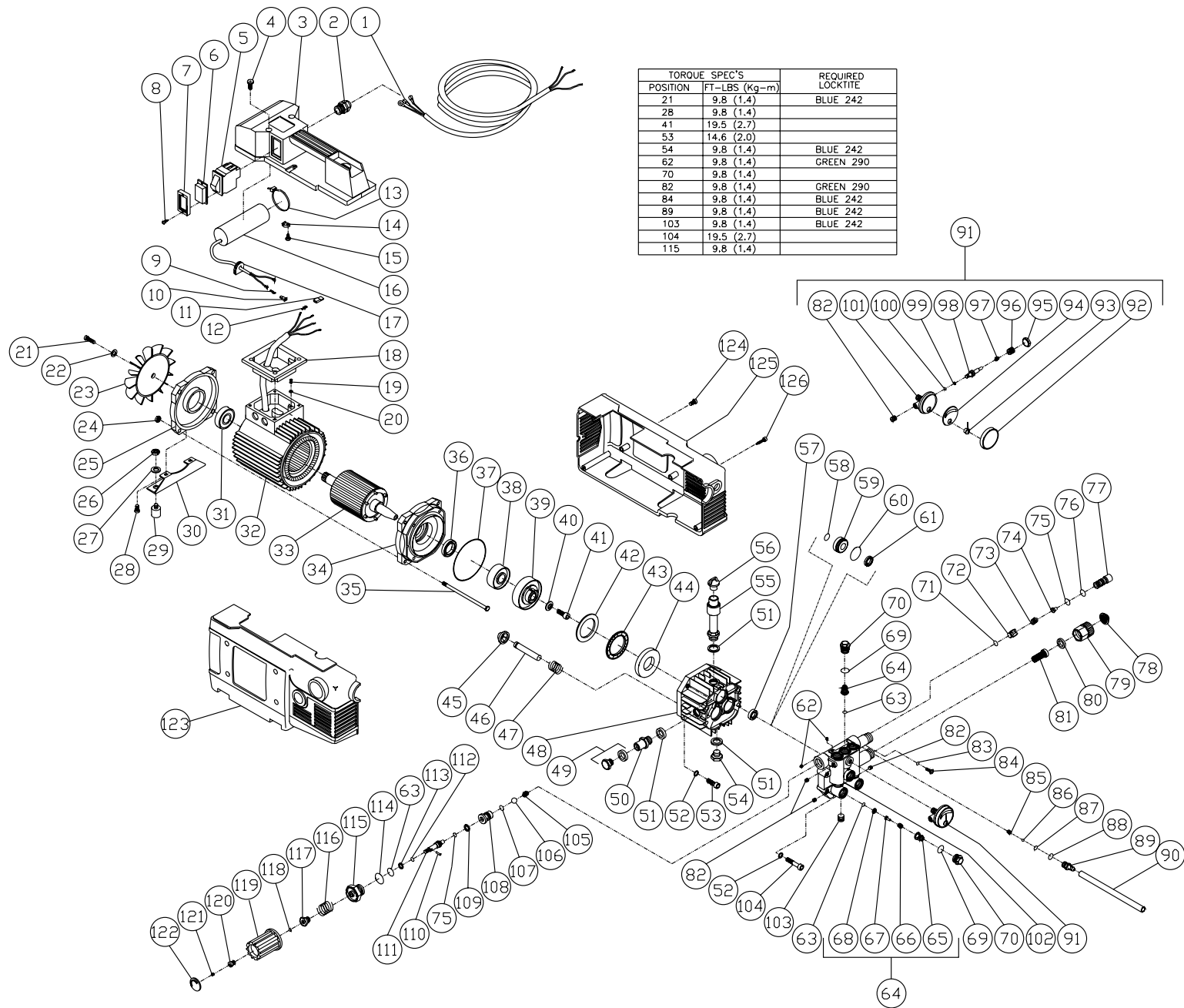
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# FRAME ASSEMBLY FOR CM-1250-A/C



| FRAME ASSEMBLY FOR CM-1250-A/C |                                                               |          |      |                                 |                                 |                                                         |         |      |
|--------------------------------|---------------------------------------------------------------|----------|------|---------------------------------|---------------------------------|---------------------------------------------------------|---------|------|
| REF. #                         | DESCRIPTION                                                   | PART #   | QTY. |                                 | REF. #                          | DESCRIPTION                                             | PART #  | QTY. |
| 1                              | Detergent Strainer                                            | 19-0050  | 1    |                                 | 12                              | Cable Tie                                               | 33-0022 | 1    |
| 2                              | Detergent Hose w/Pump                                         | 15-0110  | 1    |                                 | 13                              | Hang Tag- U/L Warning (E/S) (CM-1250-A)                 | 34-1014 | 1    |
| 3                              | Water Inlet Filter                                            | 19-0001  | 1    |                                 | -                               | Hang Tag- C U/L Warning (E/F) (CM-1250-C)               | 34-0628 | 1    |
| 4                              | Garden Hose Swivel                                            | 23-0162  | 1    |                                 | 14                              | GFCI (15 Amp) w/o Power Cord                            | 32-0364 | 1    |
| 5                              | Oil Cap                                                       | 39-0066  | 1    |                                 | -                               | GFCI (15 Amp) with Power Cord                           | 32-0352 | 1    |
| 6                              | Decal- Caution/Important (E/S) (CM-1250-A)                    | 34-1016  | 1    |                                 | 15                              | Decal- Die Cut                                          | 34-0707 | 1    |
| -                              | Decal- Caution/Important (E/F) (CM-1250-C)                    | 34-0640  | 1    |                                 | 16                              | Decal- Data Plate                                       | N/A     | 1    |
| 7                              | Motor/Pump Assembly (See Exploded Drawing)                    | N/A Sep. | 1    |                                 | 17                              | Decal- Warning: Risk of Electrocution (E/S) (CM-1250-A) | 34-1021 | 1    |
| 8                              | Decal- Chore Master Logo                                      | 34-0706  | 1    |                                 | -                               | Decal- Warning: Risk of Electrocution (E/F) (CM-1250-C) | 34-0464 | 1    |
| 9                              | Decal- U/L Specs (CM-1250-A)                                  | N/A      | 1    |                                 | 18                              | High Pressure Discharge Hose                            | 15-0117 | 1    |
| -                              | Decal- C U/L Specs Bilingual (CM-1250-C)                      | N/A      | 1    |                                 | 19                              | Gun w/Screw Lance                                       | 16-0166 | 1    |
| 10                             | Decal- Date Code                                              | N/A      | 1    | 20                              | Variable Nozzle Assembly 1.20mm | 16-0170                                                 | 1       |      |
| 11                             | Decal- Warning: Risk of Injection/Explosion (E/S) (CM-1250-A) | 34-1019  | 1    | 21                              | Decal- Variable Nozzle          | 34-0457                                                 | 1       |      |
| -                              | Decal- Warning: Risk of Injection/Explosion (E/F) (CM-1250-C) | 34-0639  | 1    | *Must Order in One Foot Lengths |                                 |                                                         |         |      |

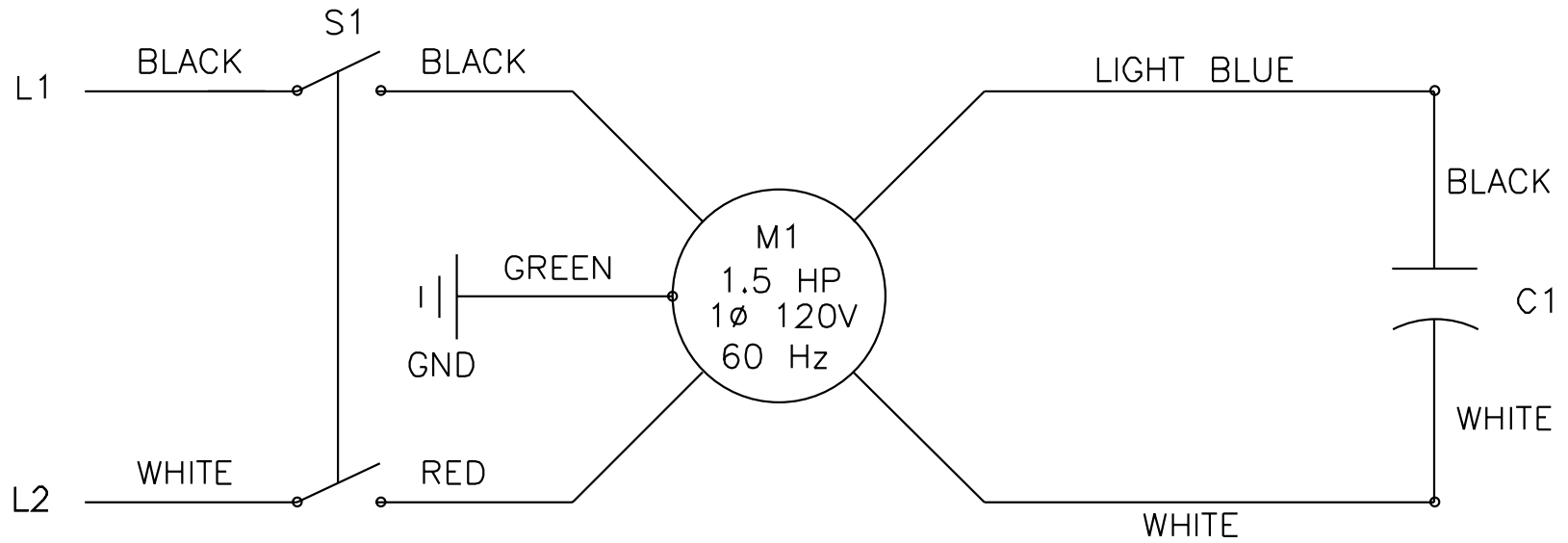
PUMP/MOTOR ASSEMBLY



3-0141-050602-

| MOTOR/PUMP ASSEMBLY             |                                                      |          |      |        |                                           |          |      |        |                                              |          |      |
|---------------------------------|------------------------------------------------------|----------|------|--------|-------------------------------------------|----------|------|--------|----------------------------------------------|----------|------|
| REF. #                          | DESCRIPTION                                          | PART #   | QTY. | REF. # | DESCRIPTION                               | PART #   | QTY. | REF. # | DESCRIPTION                                  | PART #   | QTY. |
| 1                               | GFCI (15 Amp) w/o Power Cord                         | 32-0364  | 1    | 36     | Oil Seal                                  | 25-0244  | 1    | 72     | Unloader Check Valve (See 70-0108)           | N/A Sep. | 1    |
| -                               | GFCI (15 Amp) with Power Cord                        | 32-0352  | 1    | 37     | O-ring                                    | 25-0243  | 1    | 73     | Check Valve Spring (See 70-0108)             | N/A Sep. | 1    |
| 2                               | Strain Relief                                        | 9-0051   | 1    | 38     | Ball Bearing                              | 48-0033  | 1    | 74     | Injector Nozzle (See 70-0108)                | N/A Sep. | 1    |
| 3                               | Handle                                               | 62-0060  | 1    | 39     | Wobble Plate 9"                           | 46-0467  | 1    | 75     | O-ring (See 70-0108)                         | N/A Sep. | 2    |
| 4                               | Screw                                                | 27-8196  | 4    | 40     | Washer                                    | 28-0133  | 1    | 76     | O-ring (See 70-0108)                         | N/A Sep. | 1    |
| 5                               | Switch                                               | 22-0184  | 1    | 41     | Screw                                     | 27-8195  | 1    | 77     | Injector Bushing (See 70-0108)               | N/A Sep. | 1    |
| 6                               | Switch Protector (See 70-0067)                       | N/A Sep. | 1    | 42     | Bearing Disk-Rear                         | 48-0035  | 1    | 78     | Garden Hose Filter                           | 19-0001  | 1    |
| 7                               | Switch Protector Frame (See 70-0067)                 | N/A Sep. | 1    | 43     | Bearing                                   | 48-0030  | 1    | 79     | Garden Hose Swivel                           | 23-0162  | 1    |
| 8                               | Screw (See 70-0067)                                  | N/A Sep. | 2    | 44     | Bearing Disk - Front                      | 48-0032  | 1    | 80     | Garden Hose Gasket                           | 26-0166  | 1    |
| 9                               | Electric Connector (See 70-0105)                     | N/A Sep. | 2    | 45     | Piston Spring Retainer                    | 46-0362  | 3    | 81     | Filter Inlet                                 | 19-0061  | 1    |
| 10                              | Electric Connection Protector - Female (See 70-0105) | N/A Sep. | 2    | 46     | Piston                                    | 46-0363  | 3    | 82     | Screw                                        | 27-8197  | 4    |
| 11                              | Electric Connection Protector - Male                 | N/A      | 4    | 47     | Piston Spring                             | 49-0081  | 3    | 83     | O-ring                                       | 25-0357  | 1    |
| 12                              | Electric Connector - Female                          | N/A      | 4    | 48     | Pump Housing                              | 48-0031  | 1    | 84     | Screw                                        | 27-8866  | 1    |
| 13                              | Plastic Wire Tie (See 70-0105)                       | N/A Sep. | 1    | 49     | Oil Sight Glass (See 70-0082)             | N/A Sep. | 1    | 85     | Spring for Detergent Injector (See 70-0102)  | N/A Sep. | 1    |
| 14                              | Clip (See 70-0105)                                   | N/A Sep. | 1    | 50     | Oil Sight Glass Support (See 70-0082)     | N/A Sep. | 1    | 86     | Ball for Detergent Injector See 70-0102)     | N/A Sep. | 1    |
| 15                              | Screw (See 70-0105)                                  | N/A Sep. | 1    | 51     | Gasket                                    | 26-0168  | 3    | 87     | O-ring (See 70-0102)                         | N/A Sep. | 1    |
| 16                              | Capacitor                                            | 46-0345  | 1    | 52     | Lockwasher                                | 29-0154  | 8    | 88     | O-ring (See 70-0102)                         | N/A Sep. | 1    |
| 17                              | Grommet (See 70-0105)                                | N/A Sep. | 1    | 53     | Bolt                                      | 27-8194  | 4    | 89     | Hose Barb                                    | 33-0151  | 1    |
| 18                              | Gasket                                               | 26-0165  | 1    | 54     | Oil Drain Plug (See 70-0083)              | N/A Sep. | 1    | 90     | Detergent Hose *(Four Feet Required)         | 15-0021  | 1    |
| 19                              | Screw                                                | 27-8187  | 1    | 55     | Extension Oil Tube                        | 46-0351  | 1    | 91     | Pressure Indicator Complete (Inc. 2, 92-101) | 22-0210  | 1    |
| 20                              | Washer                                               | 28-0061  | 1    | 56     | Oil Fill Cap                              | 39-0086  | 1    | 92     | Pressure Indicator Cover (See 22-0210)       | N/A Sep. | 1    |
| 21                              | Screw                                                | 27-8864  | 1    | 57     | Oil Seal                                  | 26-0163  | 3    | 93     | Pressure Indicator Needle (See 22-0210)      | N/A Sep. | 1    |
| 22                              | Washer                                               | 28-1022  | 2    | 58     | O-ring (See 70-0118 or 70-0084)           | N/A Sep. | 3    | 94     | Pressure Ind. Dialplate (See 22-0210)        | N/A Sep. | 1    |
| 23                              | Motor Fan                                            | 52-0043  | 1    | 59     | Packing Retainer                          | 9-0050   | 3    | 95     | Locknut (See 22-0210)                        | N/A Sep. | 1    |
| 24                              | Nut                                                  | 30-3003  | 4    | 60     | O-ring (See 70-0118 or 70-0084)           | N/A Sep. | 3    | 96     | Adjusting Screw (See 22-0210)                | N/A Sep. | 1    |
| 25                              | Motor Flange - Rear                                  | 52-0020  | 1    | 61     | Pressure Seal (See 70-0084)               | N/A Sep. | 3    | 97     | Spring (See 22-0210)                         | N/A Sep. | 1    |
| 26                              | Nut                                                  | 30-3024  | 4    | 62     | Screw                                     | 27-8821  | 2    | 98     | Pressure Indicator Piston (See 22-0210)      | N/A Sep. | 1    |
| 27                              | Washer                                               | 28-0132  | 4    | 63     | O-ring (See 70-0086)                      | N/A Sep. | 7    | 99     | Back-up Ring (See 22-0210)                   | N/A Sep. | 1    |
| 28                              | Screw                                                | 27-8190  | 4    | 64     | Valve Complete (Inc. 65-68) (See 70-0086) | N/A Sep. | 6    | 100    | O-ring (See 22-0210)                         | N/A Sep. | 1    |
| 29                              | Rubber Foot                                          | 14-0055  | 4    | 65     | Valve Cage (See 70-0086)                  | N/A Sep. | 6    | 101    | Pressure Gauge Body (See 22-0210)            | N/A Sep. | 1    |
| 30                              | Angle Support for Motor                              | 20-0318  | 2    | 66     | Valve Spring (See 70-0086)                | N/A Sep. | 6    | 102    | Pump Manifold                                | 46-0649  | 1    |
| 31                              | Ball Bearing                                         | 48-0029  | 1    | 67     | Valve (See 70-0086)                       | N/A Sep. | 6    | 103    | Screw                                        | 27-8198  | 1    |
| 32                              | Stator                                               | 52-0022  | 1    | 68     | Valve Seat (See 70-0086)                  | N/A Sep. | 6    | 104    | Screw (See 70-0088)                          | N/A Sep. | 4    |
| 33                              | Rotor                                                | 52-0044  | 1    | 69     | O-ring                                    | 25-0335  | 6    | 105    | Spring (See 70-0089)                         | N/A Sep. | 1    |
| 34                              | Motor Flange - Front                                 | 52-0025  | 1    | 70     | Valve Plug                                | 46-0628  | 6    | 106    | Ball (See 70-0089)                           | N/A Sep. | 1    |
| 35                              | Screw                                                | 27-8188  | 4    | 71     | O-ring (See 70-0108)                      | N/A Sep. | 1    | 107    | O-ring (See 70-0089)                         | N/A Sep. | 1    |
| *Must Order in One Foot Lengths |                                                      |          |      |        |                                           |          |      |        |                                              |          |      |

## WIRING DIAGRAM



WIRING SCHEMATIC

