

# Mi-T-M<sup>®</sup> CORPORATION

8650 Enterprise Drive, Peosta IA 52068

563-556-7484 / Fax 563-556-1235

## PARTS LIST FOR

# ***CW-2505/3004-3MGH/3MGV***

### ENGINE OIL GRADE:

HONDA:

VANGUARD:

SAE10W-30

ABOVE 40°F=SAE30

BELOW 40°F=SAE10W-30

### ENGINE OIL CAPACITY:

HONDA:

VANGUARD:

37 oz.

51 oz.

### PUMP OIL:

PUMP OIL CAPACITY:

NOZZLE SIZE:

CW-2505:

CW-3004:

MI-T-M #AW-4085-0016

40.6 oz.

5.5 mm

4.0 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 power source. Turning over the machinery by hand during adjustment or cleaning might start the machinery, 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.
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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## SPECIFICATIONS FOR CW-2505-3MGH/3MGV

CW-2505-3MGH/V

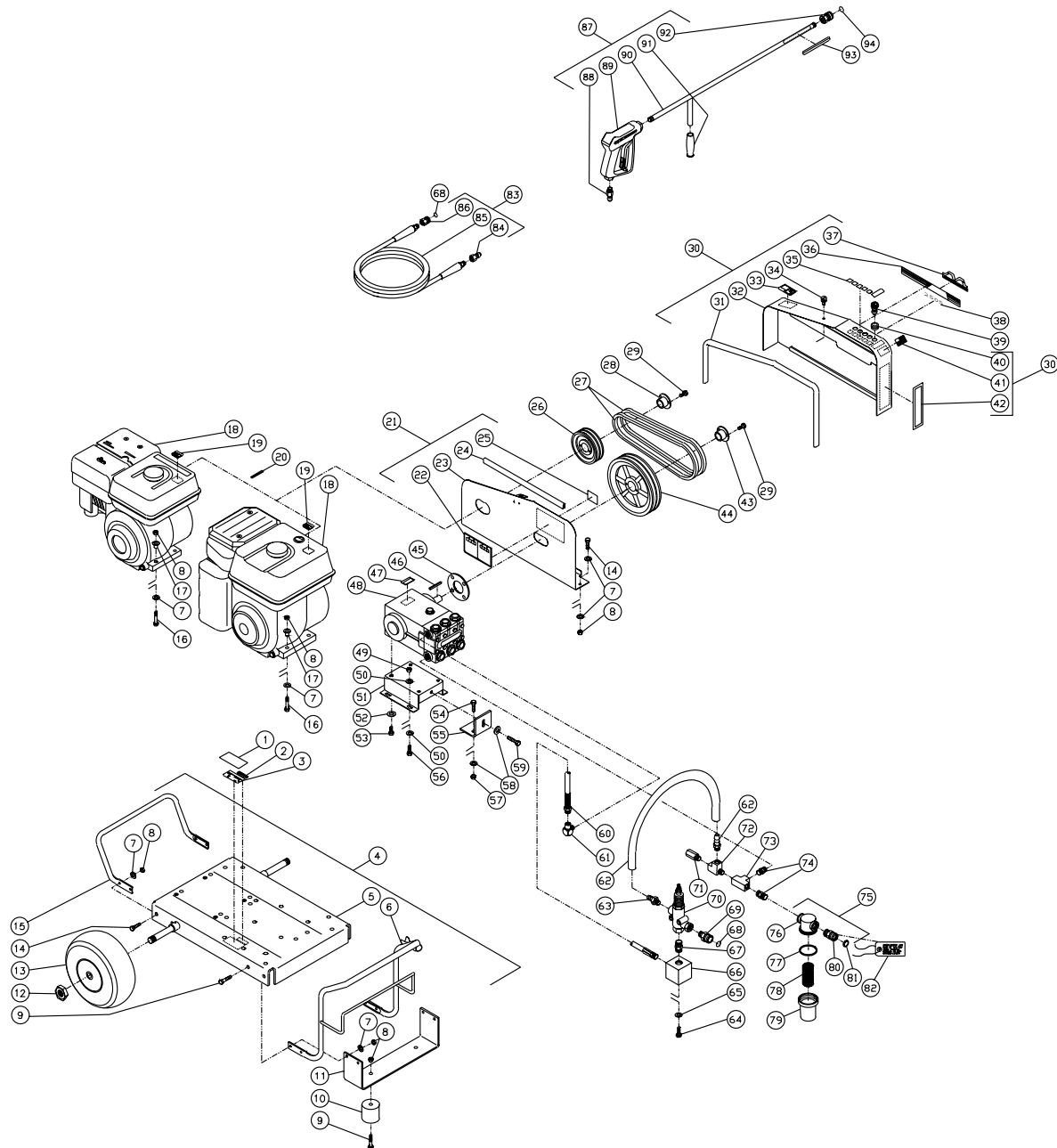
| MODEL NUMBER                         | CW-2505-3MGH                                       | CW-2505-3MGV                              |
|--------------------------------------|----------------------------------------------------|-------------------------------------------|
| <b>Operating Pressure (PSI/Bar):</b> | 2500/172.4                                         |                                           |
| <b>High Pressure Nozzle:</b>         | 5.5                                                |                                           |
| <b>Water Volume (GPM/lpm):</b>       | 4.4/16.6                                           |                                           |
| <b>Engine:</b>                       | Honda                                              | Briggs & Stratton Vanguard                |
| Horsepower                           | 11.0                                               |                                           |
| Engine Type                          | 4 Stroke, Overhead Valve, Single Cylinder          |                                           |
| Oil Type                             | SAE10W-30                                          | Above 40 F = SAE30/Below 40 F = SAE10W-30 |
| Oil Capacity (oz./liter)             | 37/1.1                                             | 51/1.5                                    |
| Low Oil Protection                   | Oil Alert                                          | Oil Guard                                 |
| Fuel Type                            | Unleaded Gasoline 86 Octane Minimum                |                                           |
| Fuel Capacity (gal./liter)           | 1.7/6.5                                            | 2.0/7.9                                   |
| Starting                             | Recoil                                             |                                           |
| Maximum No Load RPM                  | 3600 (+/- 100) RPM                                 |                                           |
| <b>Pump:</b>                         | Belt Driven, Oil Bath, Triplex Piston              |                                           |
| Oil Type                             | Mi-T-M Pump Oil #AW-4085-0016                      |                                           |
| Oil Capacity (oz./liters)            | 40.6/1.2                                           |                                           |
| Plungers                             | Ceramic                                            |                                           |
| Manifold                             | Forged Brass                                       |                                           |
| Valves                               | Stainless Steel                                    |                                           |
| Unloader                             | Preset                                             |                                           |
| Heat Dump Valve                      | Relieves heated water during unloader bypass stage |                                           |
| <b>Unit Net Weight (lbs/Kg)</b>      | 215.5/97.5                                         | 221/100                                   |
| <b>Unit Shipping Weight (lbs/Kg)</b> | 289/131                                            | 295/133.5                                 |
| <b>Unit Net Dimension (cm)</b>       | 45.5Lx28Wx26.5H/115.5Lx71Wx67H                     |                                           |
| <b>Unit Shipping Dimension (cm)</b>  | 48.5Lx30.5Wx35.5H/123Lx77.5Wx90H                   |                                           |

## SPECIFICATIONS FOR CW-3004-3MGH/3MGV

CW-3004-3MGH/V

| MODEL NUMBER                         | CW-3004-3MGH                                       | CW-3004-3MGV                              |
|--------------------------------------|----------------------------------------------------|-------------------------------------------|
| <b>Operating Pressure (PSI/Bar):</b> | 3000/206.8                                         |                                           |
| <b>High Pressure Nozzle:</b>         | 4.0                                                |                                           |
| <b>Water Volume (GPM/lpm):</b>       | 3.5/13.2                                           |                                           |
| <b>Engine:</b>                       | Honda                                              | Briggs & Stratton Vanguard                |
| Horsepower                           | 11.0                                               |                                           |
| Engine Type                          | 4 Stroke, Overhead Valve, Single Cylinder          |                                           |
| Oil Type                             | SAE10W-30                                          | Above 40 F = SAE30/Below 40 F = SAE10W-30 |
| Oil Capacity (oz./liter)             | 37/1.1                                             | 51/1.5                                    |
| Low Oil Protection                   | Oil Alert                                          | Oil Guard                                 |
| Fuel Type                            | Unleaded Gasoline 86 Octane Minimum                |                                           |
| Fuel Capacity (gal./liter)           | 1.7/6.5                                            | 2.0/7.9                                   |
| Starting                             | Recoil                                             |                                           |
| Maximum No Load RPM                  | 3600 (+/- 100) RPM                                 |                                           |
| <b>Pump:</b>                         | Belt Driven, Oil Bath, Triplex Piston              |                                           |
| Oil Type                             | Mi-T-M Pump Oil #AW-4085-0016                      |                                           |
| Oil Capacity (oz./liters)            | 40.6/1.2                                           |                                           |
| Plungers                             | Ceramic                                            |                                           |
| Manifold                             | Forged Brass                                       |                                           |
| Valves                               | Stainless Steel                                    |                                           |
| Unloader                             | Preset                                             |                                           |
| Heat Dump Valve                      | Relieves heated water during unloader bypass stage |                                           |
| <b>Unit Net Weight (lbs/Kg)</b>      | 213.5/97                                           | 219.5/99.5                                |
| <b>Unit Shipping Weight (lbs/Kg)</b> | 283.5/131.5                                        | 289.5/131.5                               |
| <b>Unit Net Dimension (cm)</b>       | 46Lx28Wx30H/117Lx71Wx76H                           |                                           |
| <b>Unit Shipping Dimension (cm)</b>  | 48.5Lx30.5Wx35.5H/123Lx77.5Wx90H                   |                                           |

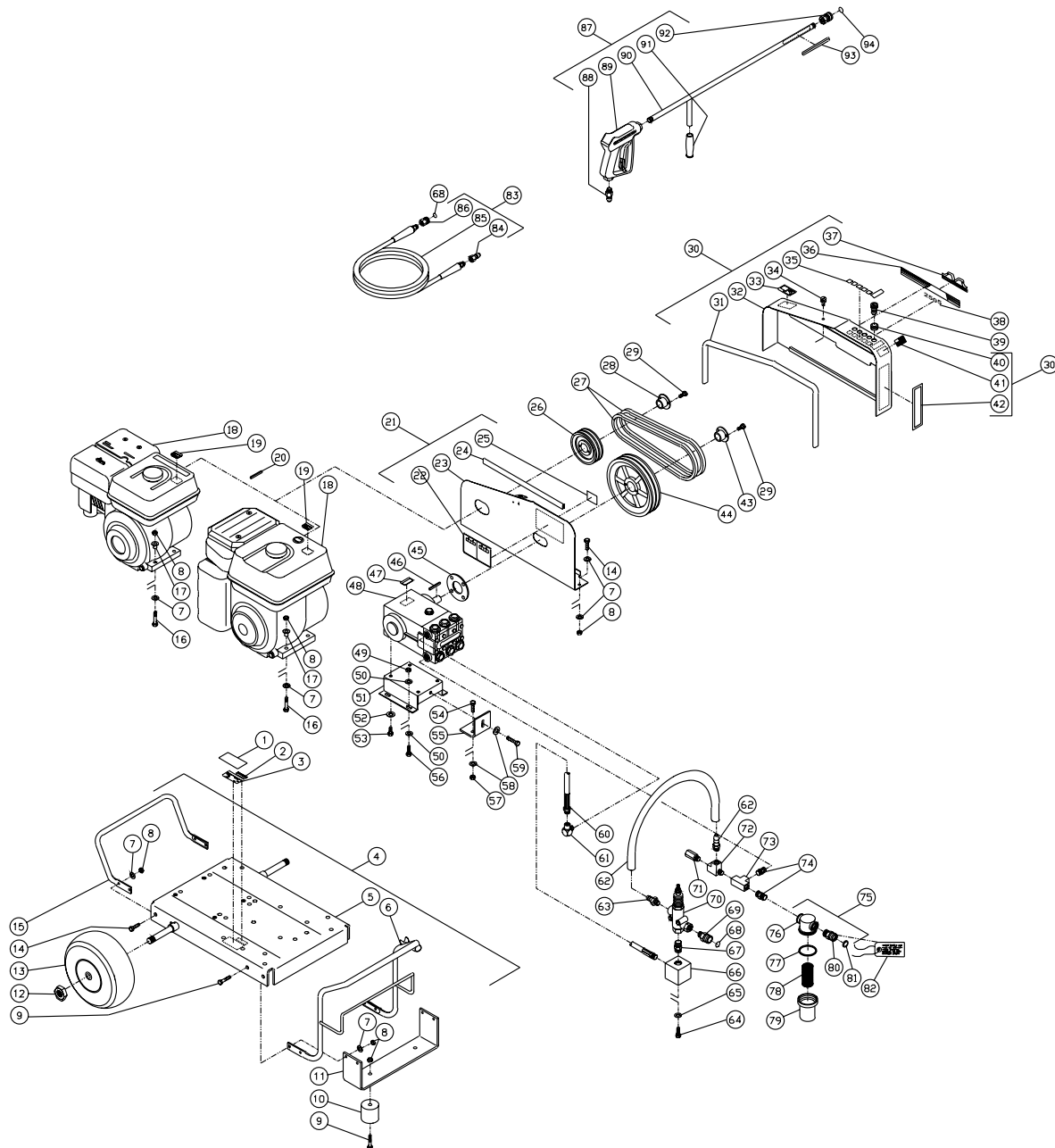
# FRAME ASSEMBLY FOR CW-2505-3MGH/3MGV



CW-2505-3MGH/V-011101-RD

| FRAME ASSEMBLY FOR CW-2505-3MGH/3MGV |                                              |            |      |        |                               |            |      |                                 |                                     |            |      |
|--------------------------------------|----------------------------------------------|------------|------|--------|-------------------------------|------------|------|---------------------------------|-------------------------------------|------------|------|
| REF. #                               | DESCRIPTION                                  | PART #     | QTY. | REF. # | DESCRIPTION                   | PART #     | QTY. | REF. #                          | DESCRIPTION                         | PART #     | QTY. |
| 1                                    | Decal- Clear Laminate                        | N/A        | 1    | 33     | Decal- Warning: Muffler Hot   | 34-0130    | 1    | 63                              | Hose Barb                           | 23-0007    | 2    |
| 2                                    | Decal- Serial Number                         | N/A        | 1    | 34     | Fastener                      | 33-0197    | 1    | 64                              | Bolt                                | 27-0116    | 2    |
| 3                                    | Decal- Data Plate                            | N/A        | 1    | 35     | Decal- Nozzle Die Cut         | 34-0500    | 1    | 65                              | Washer                              | 29-0008    | 2    |
| 4                                    | Base Plate Assembly (Inc. 5-15)              | 851-0210   | 1    | 36     | Decal- Mi-T-M Stripe          | 34-0501    | 1    | 66                              | Manifold Block                      | 51-0012    | 1    |
| 5                                    | Base Plate                                   | 5-0078A01  | 1    | 37     | Mi-T-M Logo                   | 62-0086    | 1    | 67                              | Hex Nipple                          | 24-0031    | 1    |
| 6                                    | Front Handle                                 | 7-0101A01  | 1    | 38     | Decal- Die Cut 2505           | 34-0416    | 1    | 68                              | O-ring (Replacement Only)           | 25-0123    | -    |
| 7                                    | Washer                                       | 28-0003    | 20   | 39     | Spray Nozzle- 0005.5          | 18-0035    | 1    | 69                              | Quick Connect Socket                | 17-0029    | 1    |
| 8                                    | Locknut                                      | 30-0157    | 18   | -      | Spray Nozzle- 1505.5          | 18-0041    | 1    | 70                              | Unloader                            | 8-0032     | 1    |
| 9                                    | Bolt                                         | 27-0068    | 6    | -      | Spray Nozzle- 2505.5          | 18-0062    | 1    | 71                              | Heat Dump Valve                     | 22-0005    | 1    |
| 10                                   | Isolator                                     | 14-0008    | 2    | -      | Spray Nozzle- 4005.5          | 18-0132    | 1    | 72                              | Street Tee                          | 23-0124    | 1    |
| 11                                   | Underbracket                                 | 13-0042A01 | 1    | 40     | Grommet                       | 33-0001    | 5    | 73                              | Tee                                 | 23-0043    | 1    |
| 12                                   | Jamnut                                       | 30-0117    | 2    | 41     | Decal- American Flag          | 34-0521    | 1    | 74                              | Hex Nipple                          | 23-0012    | 2    |
| 13                                   | Wheel                                        | 14-0006    | 2    | 42     | Decal- Operating Instructions | 34-0499    | 1    | 75                              | Complete Strainer (Inc. 76-81)      | 19-0057    | 1    |
| 14                                   | Bolt                                         | 27-0067    | 8    | 43     | Bushing                       | 9-0017     | 1    | 76                              | Strainer Cap                        | 19-0058    | 1    |
| 15                                   | Rear Handle                                  | 7-0104A01  | 1    | 44     | Sheave                        | 10-0040    | 1    | 77                              | Strainer Gasket                     | 26-0160    | 1    |
| 16                                   | Bolt                                         | 27-0070    | 4    | 45     | Pump Isolator                 | 33-0202    | 1    | 78                              | Strainer Steel Scree                | 19-0059    | 1    |
| 17                                   | Engine Shim                                  | 33-0169    | 4    | 46     | Key w/Pump                    | 43-0028    | 1    | 79                              | Strainer Bowl                       | 19-0060    | 1    |
| 18                                   | Engine- 11.0 HP Honda (CW-2505-3MGH)         | 1-0039     | 1    | 47     | Decal- Pump ID Number         | 34-0396    | 1    | 80                              | Garden Hose Swivel                  | 23-0095    | 1    |
| -                                    | Engine- 11.0 HP Vanguard (CW-2505-3MGV)      | 1-0089     | 1    | 48     | Pump                          | 3-0079     | 1    | 81                              | Garden Hose Gasket                  | 26-0001    | 1    |
| 19                                   | Decal- Caution: Allow to Cool                | 34-0588    | 1    | 49     | Locknut                       | 30-0161    | 4    | 82                              | Tag- Water Supply Inlet             | 34-0097    | 1    |
| 20                                   | Key                                          | 43-0078    | 1    | 50     | Washer                        | 28-0030    | 8    | 83                              | Pressure Hose Assembly (Inc. 84-86) | 851-0007   | 1    |
| 21                                   | Beltguard Back Assembly (Inc. 22-25)         | 851-0215   | 1    | 51     | Pump Bracket                  | 5-0101A01  | 1    | 84                              | Quick Connect Plug                  | 17-0006    | 1    |
| 22                                   | Decal- Warning/ Caution                      | 34-0498    | 1    | 52     | Washer w/Pump                 | 29-0055    | 4    | 85                              | Pressure Hose                       | 15-0003    | 1    |
| 23                                   | Beltguard Back (See 851-0215)                | N/A Sep.   | 1    | 53     | Bolt w/Pump                   | 27-8471    | 4    | 86                              | Quick Connect Socket                | 17-0004    | 1    |
| 24                                   | Edging *(Two Feet Required)                  | 33-0020    | 1    | 54     | Bolt                          | 27-0118    | 2    | 87                              | Gun/Wand Assembly (Inc. 88-92)      | 851-0095   | 1    |
| 25                                   | Decal- Warning: Beltguard Cover              | 34-0575    | 1    | 55     | Brace Tightener               | 13-0003A01 | 1    | 88                              | Quick Connect Plug                  | 17-0005    | 1    |
| 26                                   | Sheave                                       | 10-0067    | 1    | 56     | Bolt                          | 27-0166    | 4    | 89                              | Gun                                 | 16-0001    | 1    |
| 27                                   | Belt                                         | 11-0011    | 2    | 57     | Locknut                       | 30-0159    | 2    | 90                              | Wand w/ 36" Handle                  | 16-0120A01 | 1    |
| 28                                   | Bushing                                      | 9-0005     | 1    | 58     | Washer                        | 28-0023    | 3    | 91                              | Grip Handle                         | 7-0002     | 1    |
| 29                                   | Bolt (w/ Bushing)                            | 27-0015    | 1    | 59     | Bolt                          | 27-0576    | 1    | 92                              | Quick Connect Socket                | 17-0001    | 1    |
| 30                                   | Beltguard Cover Assembly (Inc. 31-37, 40-42) | 851-0216   | 1    | 60     | Hose                          | 15-0024    | 1    | 93                              | Decal- Warning: Risk of Injection   | 34-0572    | 1    |
| 31                                   | Edging *(Four Feet Required)                 | 33-0020    | 1    | 61     | Elbow                         | 24-0105    | 1    | 94                              | O-ring (Replacement Only)           | 25-0122    | -    |
| 32                                   | Beltguard Cover (See 851-0216)               | N/A Sep.   | 1    | 62     | By-Pass Hose                  | 15-0035    | 1    | *Must Order in One Foot Lengths |                                     |            |      |

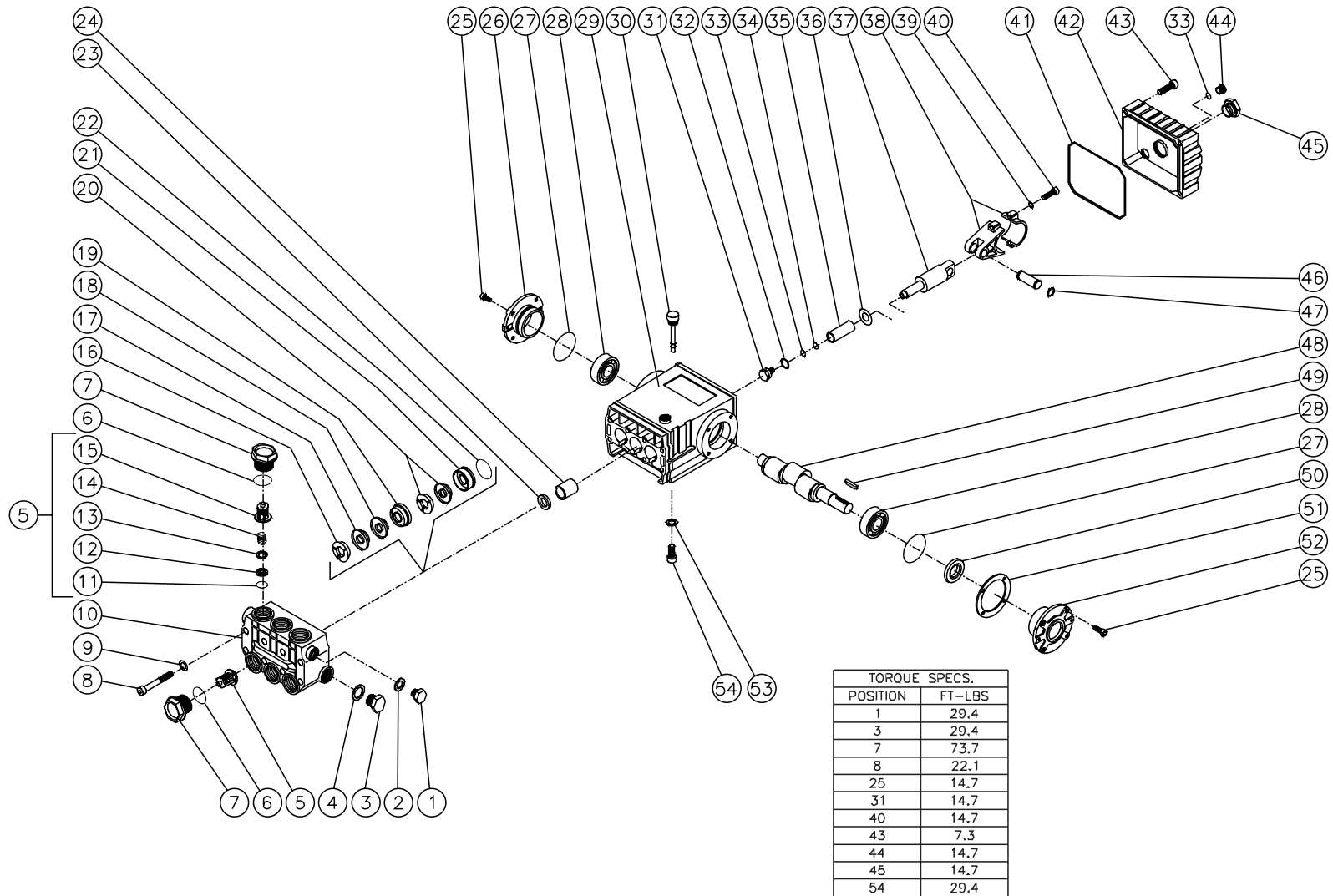
# FRAME ASSEMBLY FOR CW-3004-3MGH/3MGV



CW-3004-3MGH/V-011101-RD

| FRAME ASSEMBLY FOR CW-3004-3MGH/3MGV |                                              |            |      |        |                               |            |      |                                 |                                     |            |      |
|--------------------------------------|----------------------------------------------|------------|------|--------|-------------------------------|------------|------|---------------------------------|-------------------------------------|------------|------|
| REF. #                               | DESCRIPTION                                  | PART #     | QTY. | REF. # | DESCRIPTION                   | PART #     | QTY. | REF. #                          | DESCRIPTION                         | PART #     | QTY. |
| 1                                    | Decal- Clear Laminate                        | N/A        | 1    | 33     | Decal- Warning: Muffler Hot   | 34-0130    | 1    | 63                              | Hose Barb                           | 23-0007    | 2    |
| 2                                    | Decal- Serial Number                         | N/A        | 1    | 34     | Fastener                      | 33-0197    | 1    | 64                              | Bolt                                | 27-0116    | 2    |
| 3                                    | Decal- Data Plate                            | N/A        | 1    | 35     | Decal- Nozzle Die Cut         | 34-0500    | 1    | 65                              | Washer                              | 29-0008    | 2    |
| 4                                    | Base Plate Assembly (Inc. 5-15)              | 851-0210   | 1    | 36     | Decal- Mi-T-M Stripe          | 34-0501    | 1    | 66                              | Manifold Block                      | 51-0012    | 1    |
| 5                                    | Base Plate                                   | 5-0078A01  | 1    | 37     | Mi-T-M Logo                   | 62-0086    | 1    | 67                              | Hex Nipple                          | 24-0031    | 1    |
| 6                                    | Front Handle                                 | 7-0101A01  | 1    | 38     | Decal- Die Cut 3004           | 34-0105    | 1    | 68                              | O-ring (Replacement Only)           | 25-0123    | -    |
| 7                                    | Washer                                       | 28-0003    | 20   | 39     | Spray Nozzle- 0004            | 18-0028    | 1    | 69                              | Quick Connect Socket                | 17-0029    | 1    |
| 8                                    | Locknut                                      | 30-0157    | 18   | -      | Spray Nozzle- 1504            | 18-0029    | 1    | 70                              | Unloader                            | 8-0032     | 1    |
| 9                                    | Bolt                                         | 27-0068    | 6    | -      | Spray Nozzle- 2504            | 18-0030    | 1    | 71                              | Heat Dump Valve                     | 22-0005    | 1    |
| 10                                   | Isolator                                     | 14-0008    | 2    | -      | Spray Nozzle- 4004            | 18-0031    | 1    | 72                              | Street Tee                          | 23-0124    | 1    |
| 11                                   | Underbracket                                 | 13-0042A01 | 1    | 40     | Grommet                       | 33-0001    | 5    | 73                              | Tee                                 | 23-0043    | 1    |
| 12                                   | Jamnut                                       | 30-0117    | 2    | 41     | Decal- American Flag          | 34-0521    | 1    | 74                              | Hex Nipple                          | 23-0012    | 2    |
| 13                                   | Wheel                                        | 14-0006    | 2    | 42     | Decal- Operating Instructions | 34-0499    | 1    | 75                              | Complete Strainer (Inc. 76-81)      | 19-0057    | 1    |
| 14                                   | Bolt                                         | 27-0067    | 8    | 43     | Bushing                       | 9-0017     | 1    | 76                              | Strainer Cap                        | 19-0058    | 1    |
| 15                                   | Rear Handle                                  | 7-0104A01  | 1    | 44     | Sheave                        | 10-0040    | 1    | 77                              | Strainer Gasket                     | 26-0160    | 1    |
| 16                                   | Bolt                                         | 27-0070    | 4    | 45     | Pump Isolator                 | 33-0202    | 1    | 78                              | Strainer Steel Scree                | 19-0059    | 1    |
| 17                                   | Engine Shim                                  | 33-0169    | 4    | 46     | Key w/Pump                    | 43-0028    | 1    | 79                              | Strainer Bowl                       | 19-0060    | 1    |
| 18                                   | Engine- 11.0 HP Honda (CW-2505-3MGH)         | 1-0039     | 1    | 47     | Decal- Pump ID Number         | 34-0396    | 1    | 80                              | Garden Hose Swivel                  | 23-0095    | 1    |
| -                                    | Engine- 11.0 HP Vanguard (CW-2505-3MGV)      | 1-0089     | 1    | 48     | Pump                          | 3-0079     | 1    | 81                              | Garden Hose Gasket                  | 26-0001    | 1    |
| 19                                   | Decal- Caution: Allow to Cool                | 34-0588    | 1    | 49     | Locknut                       | 30-0161    | 4    | 82                              | Tag- Water Supply Inlet             | 34-0097    | 1    |
| 20                                   | Key                                          | 43-0078    | 1    | 50     | Washer                        | 28-0030    | 8    | 83                              | Pressure Hose Assembly (Inc. 84-86) | 851-0007   | 1    |
| 21                                   | Beltguard Back Assembly (Inc. 22-25)         | 851-0215   | 1    | 51     | Pump Bracket                  | 5-0101A01  | 1    | 84                              | Quick Connect Plug                  | 17-0006    | 1    |
| 22                                   | Decal- Warning/ Caution                      | 34-0498    | 1    | 52     | Washer w/Pump                 | 29-0055    | 4    | 85                              | Pressure Hose                       | 15-0003    | 1    |
| 23                                   | Beltguard Back (See 851-0215)                | N/A Sep.   | 1    | 53     | Bolt w/Pump                   | 27-8471    | 4    | 86                              | Quick Connect Socket                | 17-0004    | 1    |
| 24                                   | Edging *(Two Feet Required)                  | 33-0020    | 1    | 54     | Bolt                          | 27-0118    | 2    | 87                              | Gun/Wand Assembly (Inc. 88-92)      | 851-0095   | 1    |
| 25                                   | Decal- Warning: Beltguard Cover              | 34-0575    | 1    | 55     | Brace Tightener               | 13-0003A01 | 1    | 88                              | Quick Connect Plug                  | 17-0005    | 1    |
| 26                                   | Sheave                                       | 10-0029    | 1    | 56     | Bolt                          | 27-0166    | 4    | 89                              | Gun                                 | 16-0001    | 1    |
| 27                                   | Belt                                         | 11-0036    | 2    | 57     | Locknut                       | 30-0159    | 2    | 90                              | Wand w/ 36" Handle                  | 16-0120A01 | 1    |
| 28                                   | Bushing                                      | 9-0005     | 1    | 58     | Washer                        | 28-0023    | 3    | 91                              | Grip Handle                         | 7-0002     | 1    |
| 29                                   | Bolt (w/ Bushing)                            | 27-0015    | 1    | 59     | Bolt                          | 27-0576    | 1    | 92                              | Quick Connect Socket                | 17-0001    | 1    |
| 30                                   | Beltguard Cover Assembly (Inc. 31-37, 40-42) | 851-0216   | 1    | 60     | Hose                          | 15-0024    | 1    | 93                              | Decal- Warning: Risk of Injection   | 34-0572    | 1    |
| 31                                   | Edging *(Four Feet Required)                 | 33-0020    | 1    | 61     | Elbow                         | 24-0105    | 1    | 94                              | O-ring (Replacement Only)           | 25-0122    | -    |
| 32                                   | Beltguard Cover (See 851-0216)               | N/A Sep.   | 1    | 62     | By-Pass Hose                  | 15-0035    | 1    | *Must Order in One Foot Lengths |                                     |            |      |

# HIGH PRESSURE PUMP (3-0079)

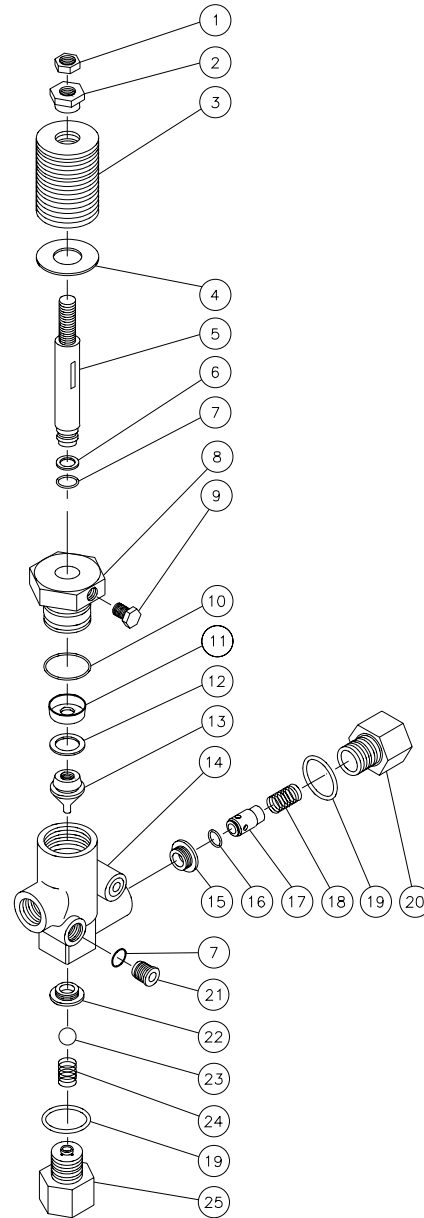


3-0079-102899-RD

## HIGH PRESSURE PUMP (3-0079)

| REF. # | DESCRIPTION                                | PART #   | QTY. | REF. # | DESCRIPTION            | PART #  | QTY. | REF. # | DESCRIPTION                                  | PART #   | QTY. |
|--------|--------------------------------------------|----------|------|--------|------------------------|---------|------|--------|----------------------------------------------|----------|------|
| 1      | Hex Plug                                   | 39-0018  | 1    | 21     | Seal Retainer          | 46-0057 | 3    | 41     | O-ring Cover                                 | 25-0339  | 1    |
| 2      | Washer                                     | 28-1002  | 1    | 22     | O-ring                 | 25-0015 | 3    | 42     | Crankcase Cover                              | 46-0295  | 1    |
| 3      | Hex Plug                                   | 39-0019  | 1    | 23     | Oil Seal               | 26-0047 | 3    | 43     | Bolt                                         | 27-8404  | 5    |
| 4      | Washer                                     | 28-1038  | 1    | 24     | Bushing                | 9-0029  | 3    | 44     | Hex Plug                                     | 39-0017  | 1    |
| 5      | Valve Assy. (Includes 11-15) (See 70-0009) | N/A Sep. | 6    | 25     | Bolt                   | 27-8431 | 8    | 45     | Oil Level Indicator                          | 46-0114  | 1    |
| 6      | O-ring                                     | 25-0012  | 6    | 26     | Crankcase Cover-Closed | 46-0336 | 1    | 46     | Connecting Rod Pin                           | 43-0032  | 3    |
| 7      | Valve Plug                                 | 39-0020  | 6    | 27     | O-ring                 | 25-0013 | 2    | 47     | Retaining Ring                               | 46-0103  | 6    |
| 8      | Bolt                                       | 27-8185  | 8    | 28     | Roller Bearing         | 48-0012 | 2    | 48     | Crankshaft                                   | 46-0050  | 1    |
| 9      | Flatwasher                                 | 28-1039  | 8    | 29     | Crankcase              | 46-0047 | 1    | 49     | Key                                          | 43-0048  | 1    |
| 10     | Pump Manifold - Brass 20mm                 | 46-0060  | 1    | 30     | Oil Dipstick           | 46-0144 | 1    | 50     | Oil Seal                                     | 26-0049  | 1    |
| 11     | O-ring (See 70-0009)                       | N/A Sep. | 6    | 31     | Piston Bolt            | 46-0069 | 3    | 51     | Shim                                         | 46-0113  | 1    |
| 12     | Valve Seat (See 70-0009)                   | N/A Sep. | 6    | 32     | Washer                 | 28-0400 | 3    | 52     | Crankcase Cover-Open                         | 46-0296  | 1    |
| 13     | Valve Plate (See 70-0009)                  | N/A Sep. | 6    | 33     | O-ring                 | 25-0014 | 4    | 53     | Lockwasher                                   | 29-0055  | 4    |
| 14     | Valve Spring (See 70-0009)                 | N/A Sep. | 6    | 34     | Back-up Ring           | 46-0109 | 3    | 54     | Bolt                                         | 27-8471  | 4    |
| 15     | Valve Cage (See 70-0009)                   | N/A Sep. | 6    | 35     | Plunger                | 46-0052 | 3    |        | Valve Kit (6 each of 11-15)                  | 70-0009  |      |
| 16     | High Pressure Head Ring (See 852-0122)     | N/A Sep. | 3    | 36     | Slinger Washer         | 46-0146 | 3    |        | Head Ring Kit (3 each of 16)                 | 70-0030  |      |
| 17     | High Pressure V-Packing (See 852-0122)     | N/A Sep. | 3    | 37     | Piston Rod             | 46-0056 | 3    |        | Packing Kit (3 each of 17, 18, 20)           | 70-0147  |      |
| 18     | Stop Ring Packing (See 852-0122)           | N/A Sep. | 3    | 38     | Connecting Rod         | 46-0051 | 3    |        | Packing Assy. (3 each of 16, 17, 18, 20, 22) | 852-0122 |      |
| 19     | Intermediate Ring                          | 46-0659  | 3    | 39     | Lockwasher             | 29-0154 | 6    |        | Intermediate Retainer Kit (3 each 18, 19)    | 70-0148  |      |
| 20     | Low Pressure Seal (See 852-0122)           | N/A Sep. | 3    | 40     | Bolt                   | 27-8435 | 6    |        |                                              |          |      |

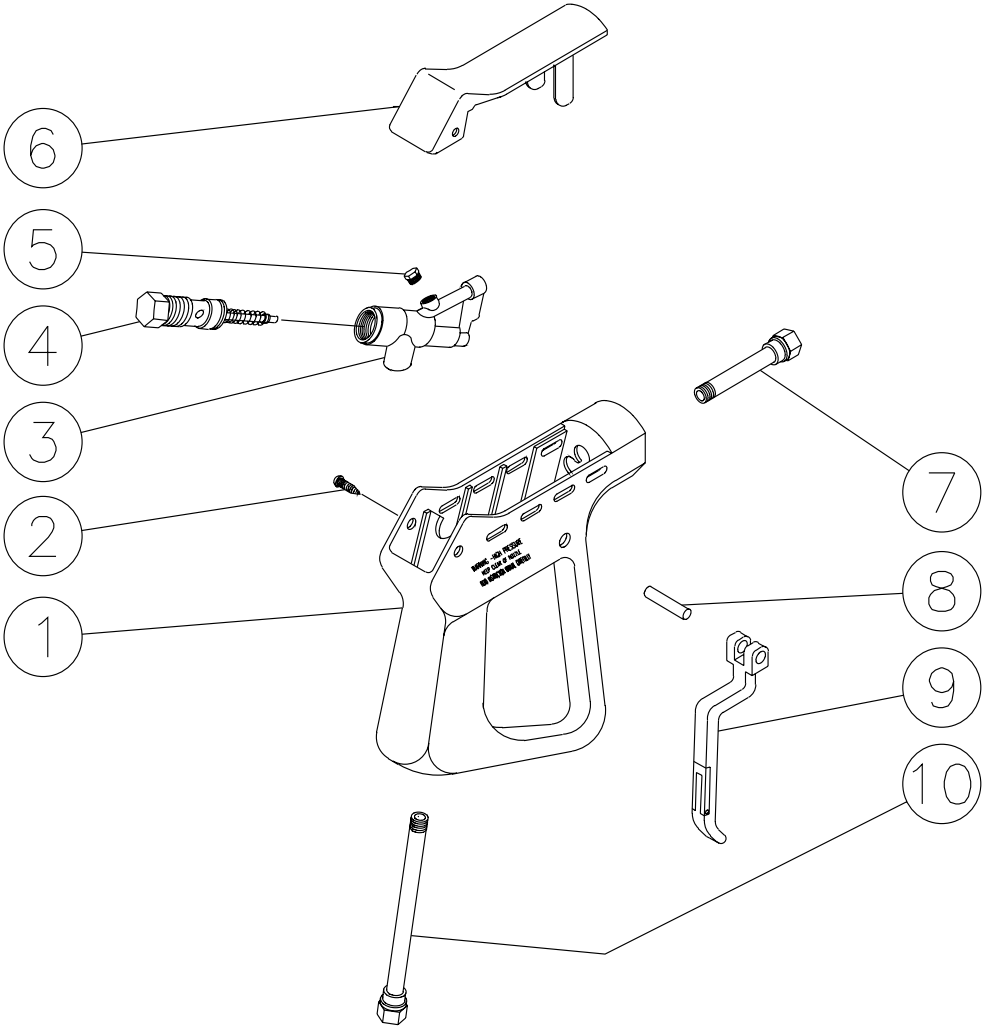
# UNLOADER ASSEMBLY (8-0032)



OMGEN074-083094-BAR

| UNLOADER ASSEMBLY (8-0032) |                                                   |         |      |
|----------------------------|---------------------------------------------------|---------|------|
| REF.#                      | DESCRIPTION                                       | PART #  | QTY. |
| 1                          | Locknut                                           | 30-3058 | 1    |
| 2                          | Adjusting Nut                                     | 8-0089  | 1    |
| 3                          | Spring Washers - Orange                           | 8-0009  | 15   |
| 4                          | Washer                                            | 28-0250 | 1    |
| 5                          | Valve Stem                                        | 8-0037  | 1    |
| 6                          | Backup Ring                                       | 8-0038  | 1    |
| 7                          | O-ring                                            | 25-0009 | 5    |
| 8                          | Valve Cap                                         | 8-0036  | 1    |
| 9                          | Set Screw                                         | 8-0084  | 1    |
| 10                         | O-ring                                            | 25-0008 | 1    |
| 11                         | Cup                                               | 8-0034  | 1    |
| 12                         | Back-up Ring                                      | 8-0040  | 1    |
| 13                         | Piston                                            | 8-0039  | 1    |
| 14                         | Valve Body                                        | 8-0164  | 1    |
| 15                         | Outlet Seat                                       | 8-0006  | 1    |
| 16                         | O-ring                                            | 25-0011 | 1    |
| 17                         | Outlet Valve                                      | 8-0004  | 1    |
| 18                         | Spring                                            | 49-0016 | 1    |
| 19                         | O-ring                                            | 25-0010 | 2    |
| 20                         | Outlet Retainer                                   | 8-0003  | 1    |
| 21                         | Brass Plug                                        | 8-0011  | 4    |
| 22                         | Valve Seat                                        | 8-0005  | 1    |
| 23                         | Ball                                              | 8-0041  | 1    |
| 24                         | Spring                                            | 49-0015 | 1    |
| 25                         | Inlet Retainer                                    | 8-0165  | 1    |
|                            | Unloader Repair Kit (Inc. 6, 7, 10-12, 16 and 19) | 70-0044 |      |

GUN ASSEMBLY (16-0001)



16-0001-110399-RD

16-0001-110399-RD

| GUN ASSEMBLY (16-0001) |                         |         |      |
|------------------------|-------------------------|---------|------|
| REF. #                 | DESCRIPTION             | PART #  | QTY. |
| 1                      | Plastic Housing         | 16-0008 | 1    |
| 2                      | Screw                   | 27-3230 | 2    |
| 3                      | Brass Housing           | 16-0012 | 1    |
| 4                      | Gun Repair Kit          | 70-0055 | 1    |
| 5                      | Brass Plug              | 39-0024 | 1    |
| 6                      | Plastic Cover           | 16-0009 | 1    |
| 7                      | Pipe Assembly           | 16-0013 | 1    |
| 8                      | Trigger Pin             | 16-0063 | 1    |
| 9                      | Trigger/Safety Lock-off | 16-0010 | 1    |
| 10                     | Pipe Assembly- Inlet    | 16-0016 | 1    |
|                        | Complete Gun Assembly   | 16-0001 | 1    |

