



## PARTS LIST FOR

***CA-3003-1MAH***

***CA-3003-1MAK***

***CA-3003-1MAM***

***CA-3003-1MAS***

**For parts Call 888-279-9274**

|                      |                               |
|----------------------|-------------------------------|
| Engine Oil Grade:    | SAE10W-30                     |
| Engine Oil Capacity: |                               |
| Honda/Kohler/MITM    | 37 oz.                        |
| Subaru               | 34 oz.                        |
| Pump Oil Grade:      | Mi-T-M Pump Oil #AW-4085-0016 |
| Pump Oil Capacity:   | 14 oz.                        |
| Nozzle Size:         | 3.5                           |

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.

**TABLE OF CONTENTS**

**SPECIFICATIONS..... 3**

**NOTES ..... 4**

**NOTES ..... 5**

**FRAME ASSEMBLY FOR CA-3003-1MAH\_K\_S (BEFORE SERIAL #10754656) ..... 6**

**FRAME ASSEMBLY FOR CA-3003-1MAH\_K\_S (AFTER SERIAL #10754656) ..... 8**

**FRAME ASSEMBLY FOR CA-3003-1MAH\_K (AFTER SERIAL #10754656)..... 10**

**PUMP ASSEMBLY (3-0389) ..... 12**

**UNLOADER ASSEMBLY (8-0630) ..... 14**

## SPECIFICATIONS

|                                 |                                                    |                  |                                         |
|---------------------------------|----------------------------------------------------|------------------|-----------------------------------------|
|                                 | CA-3003-1MAH                                       | CA-3003-1MAK     | CA-3003-1MAS                            |
| Operating Pressure (PSI/Bar):   | 3000/206.8                                         |                  |                                         |
| High Pressure Nozzle:           | 3.5                                                |                  |                                         |
| Water Volume (GPM/lpm):         | 3.0/11                                             |                  |                                         |
| Engine:                         | Honda                                              | Kohler           | Subaru                                  |
| Model                           | GX27                                               | CH395            | EX27                                    |
| Engine Type                     | 4 Stroke, Overhead Valve, Single Cylinder          |                  | 4 Stroke, Overhead Cam, Single Cylinder |
| Oil Type                        | SAE 10W-30                                         |                  |                                         |
| Oil Capacity (oz./liters)       | 37/1.1                                             |                  | 34/1.0                                  |
| Low Oil Protection              | Oil Alert™                                         | Low Oil Shutdown |                                         |
| Fuel Type                       | Unleaded Gasoline 86 Octane Minimum                |                  |                                         |
| Fuel Capacity (gallon/ liters)  | 1.6/6.0                                            |                  |                                         |
| Starting                        | Recoil                                             |                  |                                         |
| Maximum No Load RPM             | 3600 (+/- 100) RPM                                 |                  |                                         |
| Pump:                           | Direct Driven, Oil Bath, Triplex Piston            |                  |                                         |
| Oil Type                        | Mi-T-M Pump Oil #AW-4085-0016                      |                  |                                         |
| Oil Capacity (oz./liters)       | 14/.4                                              |                  |                                         |
| Plungers                        | Ceramic                                            |                  |                                         |
| Manifold                        | Forged Brass                                       |                  |                                         |
| Valves                          | Stainless Steel                                    |                  |                                         |
| Unloader                        | Adjustable                                         |                  |                                         |
| Thermal Relief Valve            | Relieves heated water during unloader bypass stage |                  |                                         |
| Unit Net Weight (lbs/Kg)        | 105/47.5                                           |                  |                                         |
| Unit Shipping Weight (lbs/Kg)   | 155/70                                             |                  |                                         |
| Unit Net Dimension (in/cm)      | 42.5Lx23.5Wx25H/108Lx60Wx63.5H                     |                  |                                         |
| Unit Shipping Dimension (in/cm) | 39.5Hx25Wx31.5H/100.5Lx63.5Wx80H                   |                  |                                         |

## SPECIFICATIONS

|                                 | CA-3003-1MAH                                       | CA-3003-1MAK     | CA-3003-1MAM |
|---------------------------------|----------------------------------------------------|------------------|--------------|
| Operating Pressure (PSI/Bar):   | 3000/206.8                                         |                  |              |
| High Pressure Nozzle:           | 3.5                                                |                  |              |
| Water Volume (GPM/lpm):         | 3.0/11                                             |                  |              |
| Engine:                         | Honda                                              | Kohler           | MITM         |
| Model                           | GX270                                              | CH395            | 300cc        |
| Engine Type                     | 4 Stroke, Overhead Valve, Single Cylinder          |                  |              |
| Oil Type                        | SAE 10W-30                                         |                  |              |
| Oil Capacity (oz./liters)       | 37/1.1                                             |                  |              |
| Low Oil Protection              | Oil Alert™                                         | Low Oil Shutdown | Oil Alert™   |
| Fuel Type                       | Unleaded Gasoline 86 Octane Minimum                |                  |              |
| Fuel Capacity (gallon/ liters)  | 1.6/6.0                                            |                  | 1.8/6.7      |
| Starting                        | Recoil                                             |                  |              |
| Maximum No Load RPM             | 3600 (+/- 100) RPM                                 |                  |              |
| Pump:                           | Direct Driven, Oil Bath, Triplex Piston            |                  |              |
| Oil Type                        | Mi-T-M Pump Oil #AW-4085-0016                      |                  |              |
| Oil Capacity (oz./liters)       | 14/.4                                              |                  |              |
| Plungers                        | Ceramic                                            |                  |              |
| Manifold                        | Forged Brass                                       |                  |              |
| Valves                          | Stainless Steel                                    |                  |              |
| Unloader                        | Adjustable                                         |                  |              |
| Thermal Relief Valve            | Relieves heated water during unloader bypass stage |                  |              |
| Unit Net Weight (lbs/Kg)        | 105/47.5                                           |                  | 97/44        |
| Unit Shipping Weight (lbs/Kg)   | 155/70                                             |                  | 147/67.6     |
| Unit Net Dimension (in/cm)      | 42.5Lx23.5Wx25H/108Lx60Wx63.5H                     |                  |              |
| Unit Shipping Dimension (in/cm) | 39.5Hx25Wx31.5H/100.5Lx63.5Wx80H                   |                  |              |

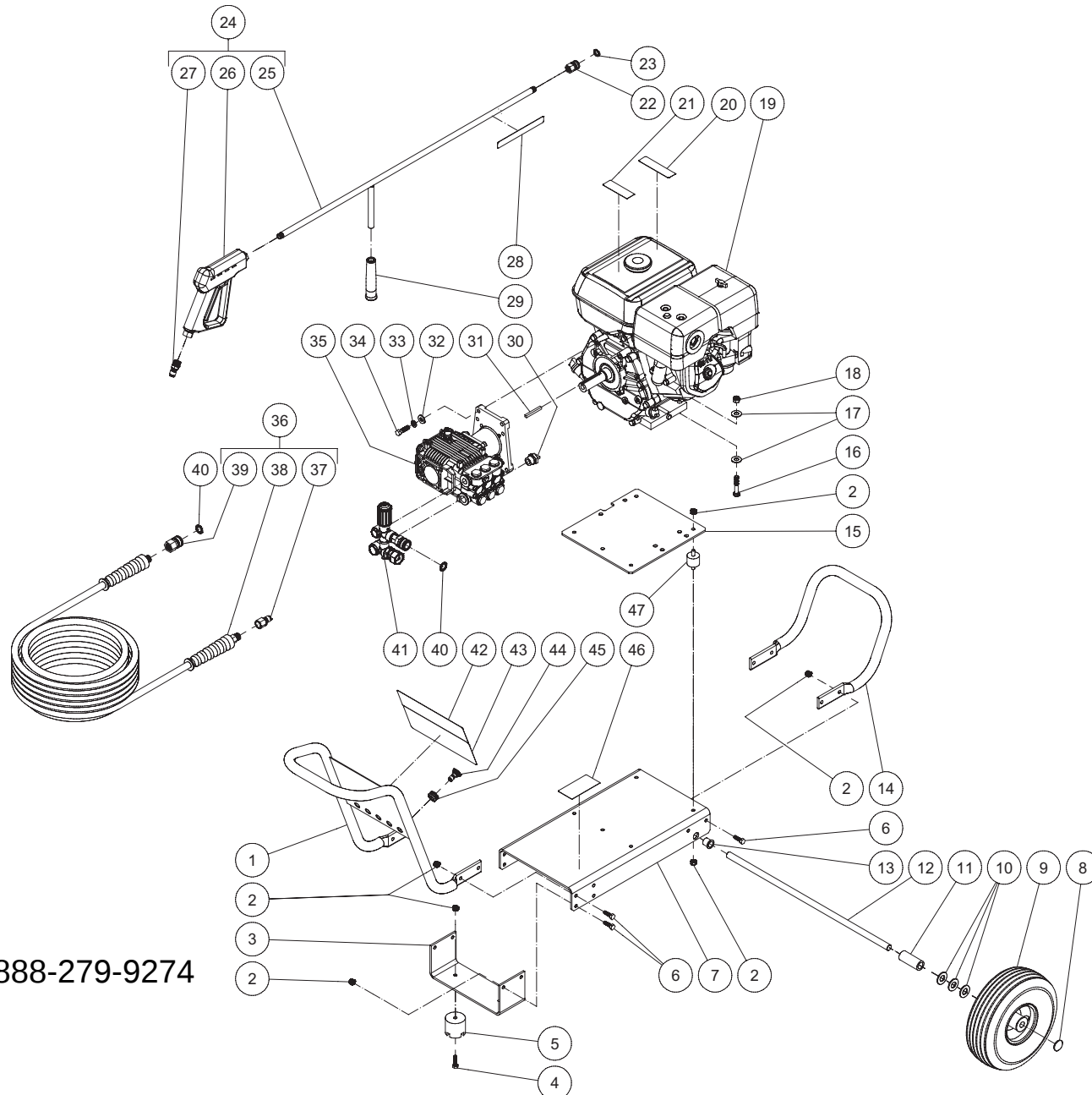
---

## NOTES

---

| DATE     | SERIAL # BREAK | REASON FOR CHANGE |
|----------|----------------|-------------------|
| 11/12/13 | #10754656      | CHANGED AXLE      |
| 11/26/18 |                | REMOVED SUBARU    |
| 11/12/21 |                | ADDED MITM        |

# FRAME ASSEMBLY FOR CA-3003-1MAH\_K\_S (BEFORE SERIAL #10754656)

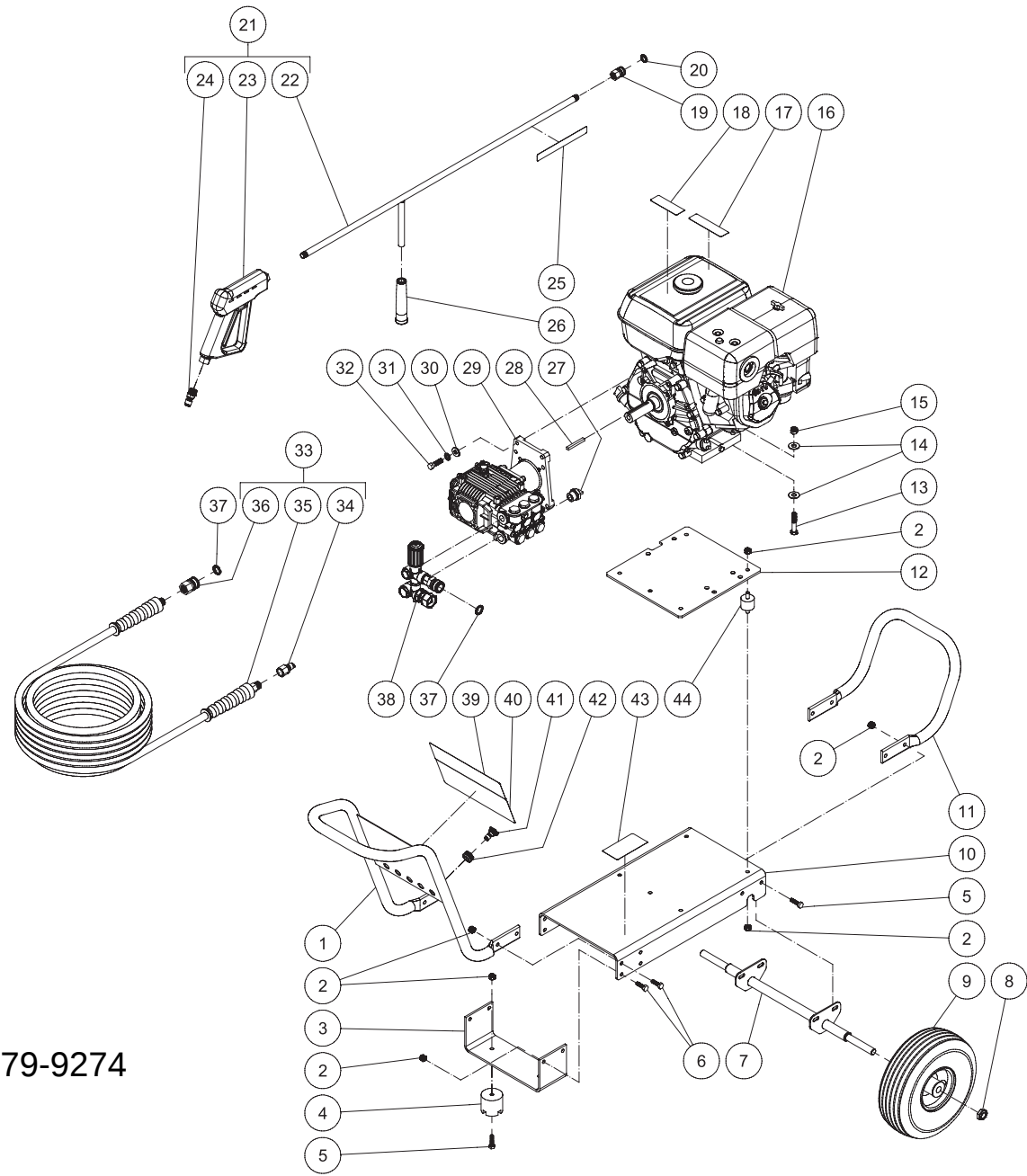


For parts Call 888-279-9274

## FRAME ASSEMBLY

| ITEM | DESCRIPTION                         | PART #   | QTY | ITEM | DESCRIPTION                                     | PART #   | QTY |
|------|-------------------------------------|----------|-----|------|-------------------------------------------------|----------|-----|
| 1    | HANDLE                              | 7-0182   | 1   | 25   | WAND                                            | 16-0418  | 1   |
| 2    | LOCKNUT                             | 30-0157  | 22  | 26   | GUN                                             | 16-0001  | 1   |
| 3    | BRACKET                             | 56-0054  | 1   | 27   | QUICK CONNECT                                   | 17-0005  | 1   |
| 4    | BOLT                                | 27-0068  | 2   | 28   | DECAL - RISK OF INJECTION (SEE 71-0065)         | N/A      | 1   |
| 5    | ISOLATOR                            | 14-0008  | 2   | 29   | GRIP                                            | 7-0002   | 1   |
| 6    | BOLT                                | 27-0067  | 12  | 30   | RELIEF VALVE                                    | 22-0005  | 1   |
| 7    | BASEPLATE                           | 5-0207   | 1   | 31   | KEY                                             | 43-0078  | 1   |
| 8    | CAP                                 | 33-0018  | 2   | 32   | WASHER                                          | 28-0022  | 4   |
| 9    | WHEEL                               | 14-0130  | 2   | 33   | LOCKWASHER                                      | 29-0008  | 4   |
| 10   | WASHER                              | 28-0008  | 7   | 34   | BOLT                                            | 27-0118  | 4   |
| 11   | SPACER                              | 62-0189  | 2   | 35   | PUMP                                            | 3-0389   | 1   |
| 12   | AXLE                                | 20-0748  | 1   | 36   | PRESSURE HOSE ASSEMBLY (37-39)                  | 851-0338 | 1   |
| 13   | BUSHING                             | 62-0175  | 2   | 37   | QUICK CONNECT                                   | 17-0006  | 1   |
| 14   | HANDLE                              | 7-0183   | 1   | 38   | HOSE                                            | 15-0209  | 1   |
| 15   | ISOLATION PLATE                     | 56-0053  | 1   | 39   | QC SOCKET                                       | 17-0004  | 1   |
| 16   | BOLT                                | 27-0121  | 4   | 40   | O-RING                                          | 25-0123  | 2   |
| 17   | WASHER                              | 28-0023  | 8   | 41   | UNLOADER ASSY WITHOUT CHEM INJ                  | 8-0630   | 1   |
| 18   | LOCKNUT                             | 30-0159  | 4   | 42   | DECAL                                           | N/A      | 1   |
| 19   | ENGINE - HONDA (1MAH)               | 1-0162   | 1   | 43   | DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065) | N/A      | 1   |
| -    | ENGINE - SUBARU (1MAS)              | 1-0134   | 1   | 44   | NOZZLE 00035 QC                                 | 18-0392  | 1   |
| -    | ENGINE - KOHLER (1MAK)              | 1-0207   | 1   | -    | NOZZLE 15035 QC                                 | 18-0393  | 1   |
| 20   | DECAL - RISK OF BURNS (SEE 71-0065) | N/A      | 1   | -    | NOZZLE 25035 QC                                 | 18-0395  | 1   |
| 21   | DECAL - RISK OF FIRE (SEE 71-0065)  | N/A      | 1   | 45   | GROMMET                                         | 33-0001  | 5   |
| 22   | QUICK CONNECT                       | 17-0001  | 1   | 46   | DECAL- SILVER STICKER                           | N/A      | 1   |
| 23   | O-RING                              | 25-0122  | 1   | 47   | ISOLATOR                                        | 14-0097  | 4   |
| 24   | GUN/WAND ASSEMBLY (25-27)           | 851-0095 | 1   | -    | DECAL SET                                       | 71-0065  | 1   |

FRAME ASSEMBLY FOR CA-3003-1MAH\_K\_S (AFTER SERIAL #10754656)

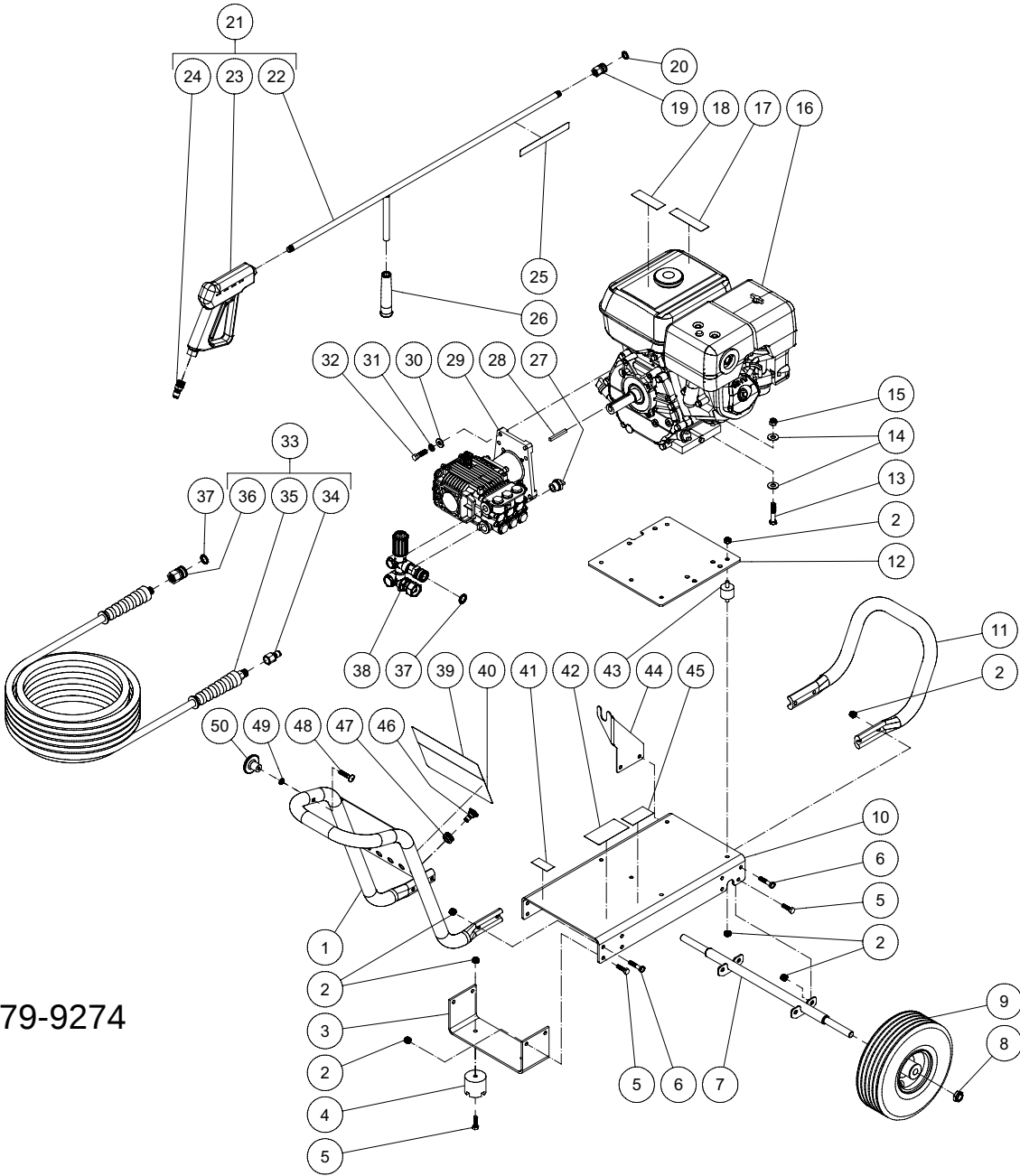


For parts Call 888-279-9274

## FRAME ASSEMBLY

| ITEM | DESCRIPTION                          | PART #     | QTY |  | ITEM | DESCRIPTION                                     | PART #   | QTY |
|------|--------------------------------------|------------|-----|--|------|-------------------------------------------------|----------|-----|
| 1    | HANDLE                               | 7-0182     | 1   |  | 24   | QUICK CONNECT                                   | 17-0005  | 1   |
| 2    | LOCKNUT                              | 30-0157    | 22  |  | 25   | DECAL - RISK OF INJECTION (SEE 71-0065)         | N/A      | 1   |
| 3    | BRACKET                              | 56-0054    | 1   |  | 26   | GRIP                                            | 7-0002   | 1   |
| 4    | ISOLATOR                             | 14-0008    | 2   |  | 27   | RELIEF VALVE                                    | 22-0005  | 1   |
| 5    | BOLT                                 | 27-0068    | 6   |  | 28   | KEY                                             | 43-0078  | 1   |
| 6    | BOLT                                 | 27-0067    | 8   |  | 29   | PUMP                                            | 3-0389   | 1   |
| 7    | AXLE                                 | 13-0230A53 | 1   |  | 30   | WASHER                                          | 28-0022  | 4   |
| 8    | LOCKNUT                              | 30-0117    | 2   |  | 31   | LOCKWASHER                                      | 29-0008  | 4   |
| 9    | WHEEL                                | 14-0130    | 2   |  | 32   | BOLT                                            | 27-0118  | 4   |
| 10   | BASEPLATE                            | 5-0207     | 1   |  | 33   | PRESSURE HOSE ASSEMBLY (34-36)                  | 851-0338 | 1   |
| 11   | HANDLE                               | 7-0183     | 1   |  | 34   | QUICK CONNECT                                   | 17-0006  | 1   |
| 12   | ISOLATION PLATE                      | 56-0053    | 1   |  | 35   | HOSE                                            | 15-0209  | 1   |
| 13   | BOLT                                 | 27-0121    | 4   |  | 36   | QC SOCKET                                       | 17-0004  | 1   |
| 14   | WASHER                               | 28-0023    | 8   |  | 37   | O-RING                                          | 25-0123  | 2   |
| 15   | LOCKNUT                              | 30-0159    | 4   |  | 38   | UNLOADER ASSY WITHOUT CHEM INJ                  | 8-0630   | 1   |
| 16   | ENGINE - HONDA                       | 1-0162     | 1   |  | 39   | DECAL                                           | N/A      | 1   |
| -    | ENGINE - SUBARU                      | 1-0134     | 1   |  | 40   | DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065) | N/A      | 1   |
| -    | ENGINE - KOHLER                      | 1-0207     | 1   |  | 41   | NOZZLE                                          | 18-0392  | 1   |
| 17   | DECAL - RISK OF BURNS (SEE 71-0065)  | N/A        | 1   |  | -    | NOZZLE                                          | 18-0393  | 1   |
| 18   | DECAL - RISK OF FIRE (SEE 71-0065)   | N/A        | 1   |  | -    | NOZZLE                                          | 18-0395  | 1   |
| 19   | QUICK CONNECT                        | 17-0001    | 1   |  | 42   | GROMMET                                         | 33-0001  | 5   |
| 20   | O-RING                               | 25-0122    | 1   |  | 43   | DECAL- SILVER STICKER                           | N/A      | 1   |
| 21   | GUN/WAND ASSEMBLY (22-24)            | 851-0095   | 1   |  | 44   | ISOLATOR                                        | 14-0097  | 4   |
| 22   | WAND (INCLUDES GRIP & QUICK CONNECT) | 16-0418    | 1   |  | -    | DECAL SET                                       | 71-0065  | 1   |
| 23   | GUN                                  | 16-0001    | 1   |  |      |                                                 |          |     |

FRAME ASSEMBLY FOR CA-3003-1MAH\_K (AFTER SERIAL #10754656)



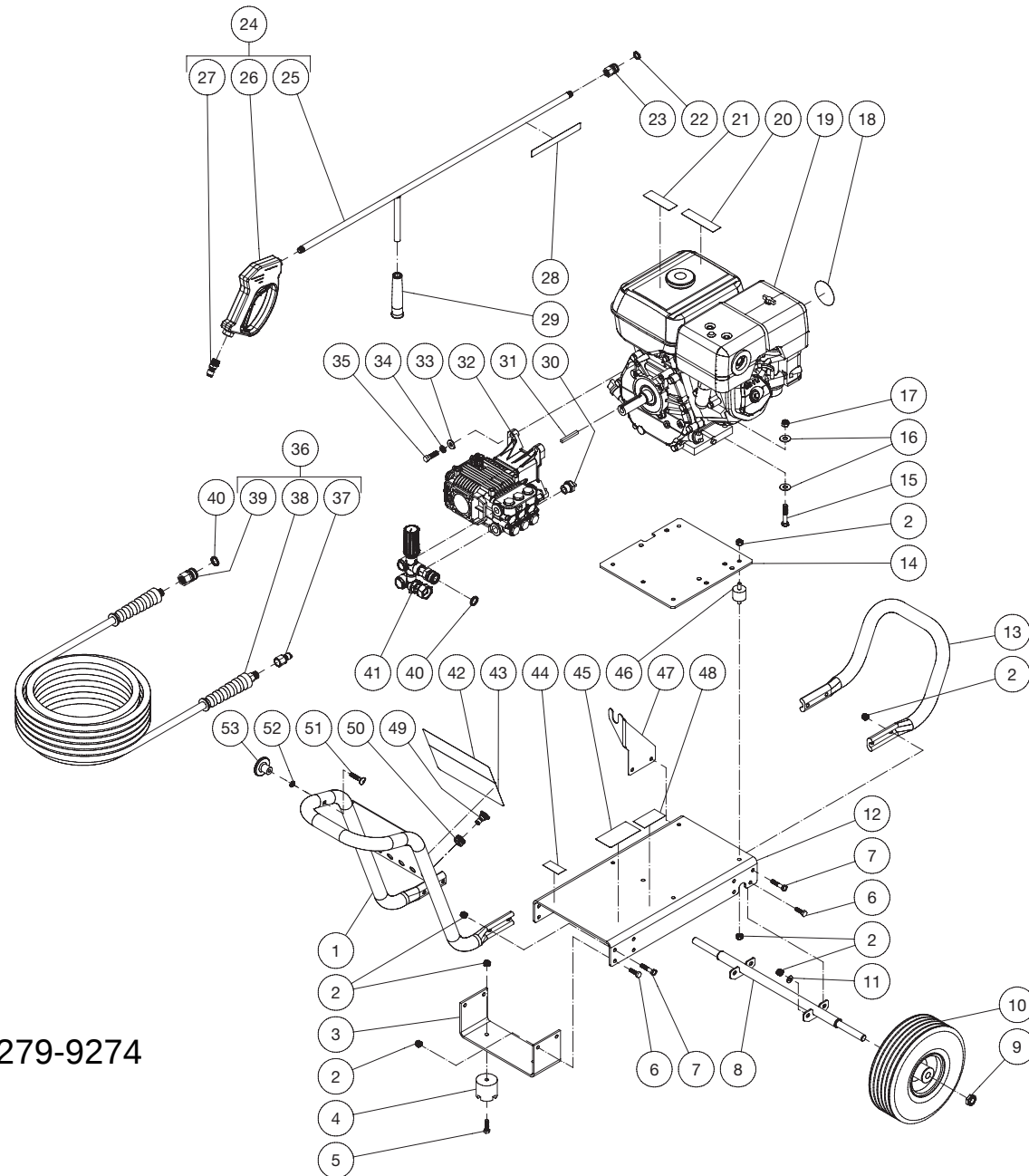
For parts Call 888-279-9274

CA-3003-1MAH\_1MAK 111519 CH

## FRAME ASSEMBLY

| ITEM | TITLE                                   | PART #     | QTY | ITEM | TITLE                                           | PART #     | QTY |
|------|-----------------------------------------|------------|-----|------|-------------------------------------------------|------------|-----|
| 1    | HANDLE                                  | 7-0275     | 1   | 27   | RELIEF VALVE                                    | 22-0005    | 1   |
| 2    | LOCKNUT                                 | 30-0157    | 26  | 28   | KEY                                             | 43-0078    | 1   |
| 3    | BRACKET                                 | 56-0054    | 1   | 29   | PUMP                                            | 3-0389     | 1   |
| 4    | ISOLATOR                                | 14-0008    | 2   | 30   | WASHER                                          | 28-0022    | 4   |
| 5    | BOLT                                    | 27-0068    | 10  | 31   | LOCKWASHER                                      | 29-0008    | 4   |
| 6    | BOLT                                    | 27-0069    | 8   | 32   | BOLT                                            | 27-0118    | 4   |
| 7    | AXLE                                    | 13-0230A53 | 1   | 33   | PRESSURE HOSE ASSEMBLY                          | 851-0338   | 1   |
| 8    | LOCKNUT                                 | 30-0117    | 2   | 34   | QUICK CONNECT                                   | 17-0006    | 1   |
| 9    | WHEEL                                   | 14-0161    | 2   | 35   | HOSE                                            | 15-0209    | 1   |
| 10   | BASEPLATE                               | 5-0207     | 1   | 36   | QUICK CONNECT SOCKET                            | 17-0004    | 1   |
| 11   | HANDLE                                  | 7-0183     | 1   | 37   | O-RING                                          | 25-0123    | 2   |
| 12   | ISOLATION PLATE                         | 56-0053    | 1   | 38   | UNLOADER ASSEMBLY WITHOUT CHEM INJECTOR         | 8-0630     | 1   |
| 13   | BOLT                                    | 27-0121    | 4   | 39   | DECAL                                           | 34-2769    | 1   |
| 14   | WASHER                                  | 28-0023    | 8   | 40   | DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065) | N/A        | 1   |
| 15   | LOCKNUT                                 | 30-0159    | 4   | 41   | DECAL - MADE IN USA                             | 34-3553    | 1   |
| 16   | ENGINE - HONDA                          | 1-0162     | 1   | 42   | DECAL - SILVER STICKER                          | N/A        | 1   |
| -    | ENGINE - KOHLER                         | 1-0207     | 1   | 43   | ISOLATOR                                        | 14-0097    | 4   |
| 17   | DECAL - RISK OF BURNS (SEE 71-0065)     | N/A        | 1   | 44   | BRACKET                                         | 20-1515A53 | 1   |
| 18   | DECAL - RISK OF FIRE (SEE 71-0065)      | N/A        | 1   | 45   | DECAL - MOBILE PRO                              | 34-3574    | 1   |
| 19   | QUICK CONNECT                           | 17-0001    | 1   | 46   | NOZZLE                                          | 18-0392    | 1   |
| 20   | O-RING                                  | 25-0122    | 1   | -    | NOZZLE                                          | 18-0393    | 1   |
| 21   | GUN/WAND ASSEMBLY                       | 851-0095   | 1   | -    | NOZZLE                                          | 18-0395    | 1   |
| 22   | WAND (INCLUDES GRIP & QUICK CONNECT)    | 16-0418    | 1   | 47   | GROMMET                                         | 33-0001    | 5   |
| 23   | GUN                                     | 16-0001    | 1   | 48   | BOLT                                            | 31-0048    | 1   |
| 24   | QUICK CONNECT                           | 17-0005    | 1   | 49   | LOCKWASHER                                      | 29-0110    | 1   |
| 25   | DECAL - RISK OF INJECTION (SEE 71-0065) | N/A        | 1   | 50   | KNOB                                            | 7-0269     | 1   |
| 26   | GRIP                                    | 7-0002     | 1   | -    | DECAL SET                                       | 71-0065    | 1   |

# FRAME ASSEMBLY FOR CA-3003-1MAH\_K (AFTER SERIAL #10754656) AND CA-3003-1MAM



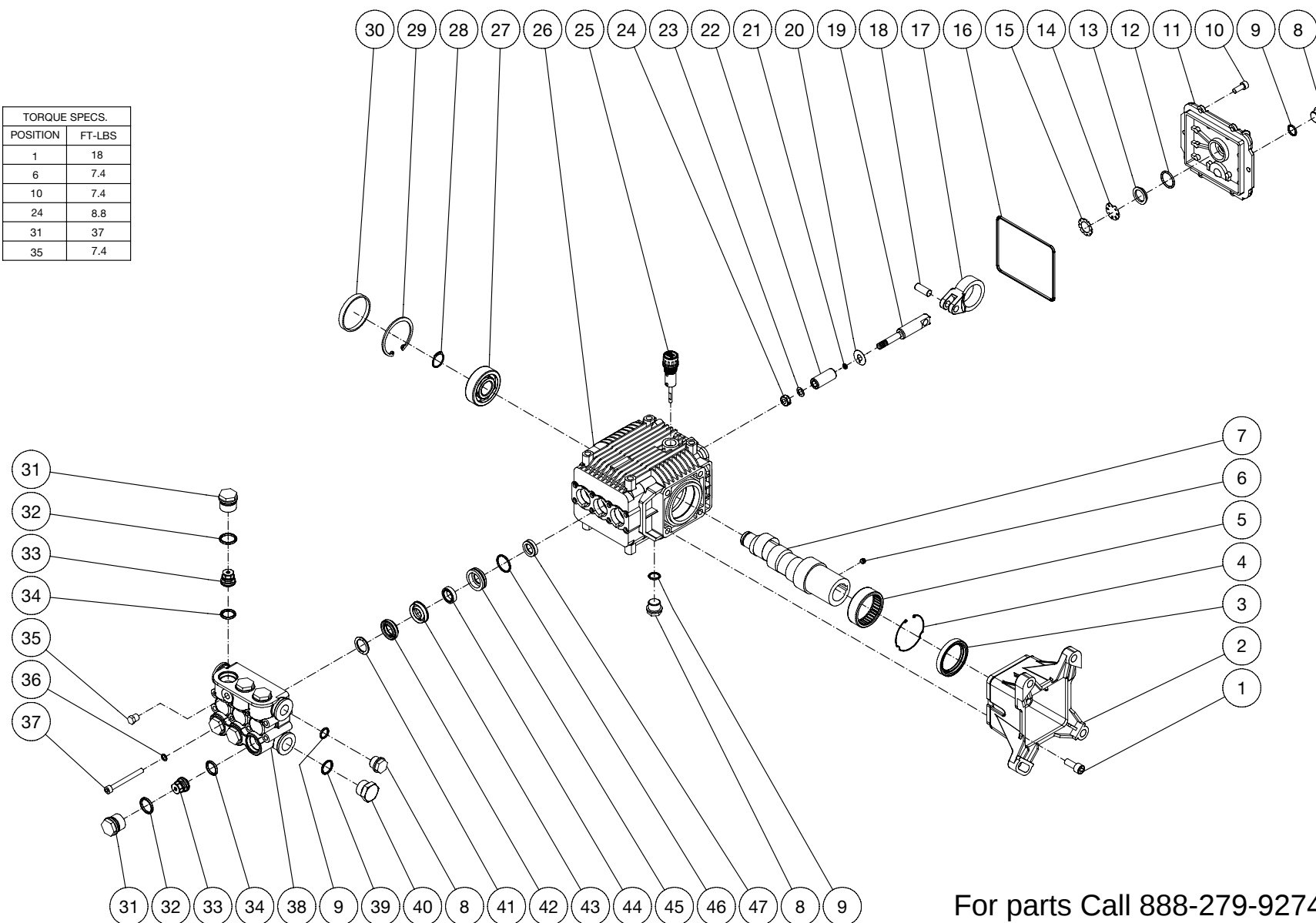
For parts Call 888-279-9274

## FRAME ASSEMBLY

| ITEM | TITLE                                | PART #     | QTY | ITEM | TITLE                                           | PART #     | QTY |
|------|--------------------------------------|------------|-----|------|-------------------------------------------------|------------|-----|
| 1    | HANDLE                               | 7-0275     | 1   | 28   | DECAL - RISK OF INJECTION (SEE 71-0065)         | N/A        | 1   |
| 2    | LOCKNUT                              | 30-0157    | 26  | 29   | GRIP                                            | 7-0002     | 1   |
| 3    | BRACKET                              | 56-0054    | 1   | 30   | RELIEF VALVE                                    | 22-0005    | 1   |
| 4    | ISOLATOR                             | 14-0008    | 2   | 31   | KEY                                             | 43-0078    | 1   |
| 5    | BOLT                                 | 27-0068    | 2   | 32   | PUMP                                            | 3-0389     | 1   |
| 6    | BOLT                                 | 27-0067    | 8   | 33   | WASHER                                          | 28-0022    | 4   |
| 7    | BOLT                                 | 27-0069    | 8   | 34   | LOCKWASHER                                      | 29-0008    | 4   |
| 8    | AXLE                                 | 13-0230A53 | 1   | 35   | BOLT                                            | 27-0118    | 4   |
| 9    | LOCKNUT                              | 30-0117    | 2   | 36   | PRESSURE HOSE ASSEMBLY                          | 851-0338   | 1   |
| 10   | WHEEL                                | 14-0161    | 2   | 37   | QUICK CONNECT                                   | 17-0006    | 1   |
| 11   | WASHER                               | 28-0003    | 4   | 38   | HOSE                                            | 15-0209    | 1   |
| 12   | BASEPLATE                            | 5-0207     | 1   | 39   | QUICK CONNECT SOCKET                            | 17-0004    | 1   |
| 13   | HANDLE                               | 7-0183     | 1   | 40   | O-RING                                          | 25-0123    | 2   |
| 14   | ISOLATION PLATE                      | 56-0053    | 1   | 41   | UNLOADER ASSEMBLY WITHOUT CHEM INJECTOR         | 8-0630     | 1   |
| 15   | BOLT                                 | 27-0121    | 4   | 42   | DECAL                                           | 34-2769    | 1   |
| 16   | WASHER                               | 28-0023    | 8   | 43   | DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065) | N/A        | 1   |
| 17   | LOCKNUT                              | 30-0159    | 4   | 44   | DECAL - MADE IN USA                             | 34-3553    | 1   |
| 18   | DECAL - REWIND 300CC (1MAM)          | N/A        | 1   | 45   | DECAL - SILVER STICKER                          | N/A        | 1   |
| 19   | ENGINE - HONDA                       | 1-0162     | 1   | 46   | ISOLATOR                                        | 14-0177    | 4   |
| -    | ENGINE - KOHLER                      | 1-0207     | 1   | 47   | BRACKET                                         | 20-1515A53 | 1   |
| -    | ENGINE - MI-T-M                      | 1-0231     | 1   | 48   | DECAL- MOBILE PRO                               | 34-3574    | 1   |
| 20   | DECAL - RISK OF BURNS (SEE 71-0065)  | N/A        | 1   | 49   | NOZZLE                                          | 18-0392    | 1   |
| 21   | DECAL - RISK OF FIRE (SEE 71-0065)   | N/A        | 1   | -    | NOZZLE                                          | 18-0393    | 1   |
| 22   | O-RING                               | 25-0122    | 1   | -    | NOZZLE                                          | 18-0395    | 1   |
| 23   | QUICK CONNECT                        | 17-0001    | 1   | 50   | GROMMET                                         | 33-0001    | 5   |
| 24   | GUN/WAND ASSEMBLY                    | 851-0095   | 1   | 51   | BOLT                                            | 31-0048    | 1   |
| 25   | WAND (INCLUDES GRIP & QUICK CONNECT) | 16-0418    | 1   | 52   | LOCKWASHER                                      | 29-0110    | 1   |
| 26   | GUN                                  | 16-0446    | 1   | 53   | KNOB                                            | 7-0269     | 1   |
| 27   | QUICK CONNECT                        | 17-0005    | 1   | -    | DECAL SET                                       | 71-0065    | 1   |

## PUMP ASSEMBLY (3-0389)

| TORQUE SPECS. |         |
|---------------|---------|
| POSITION      | FT.-LBS |
| 1             | 18      |
| 6             | 7.4     |
| 10            | 7.4     |
| 24            | 8.8     |
| 31            | 37      |
| 35            | 7.4     |



For parts Call 888-279-9274

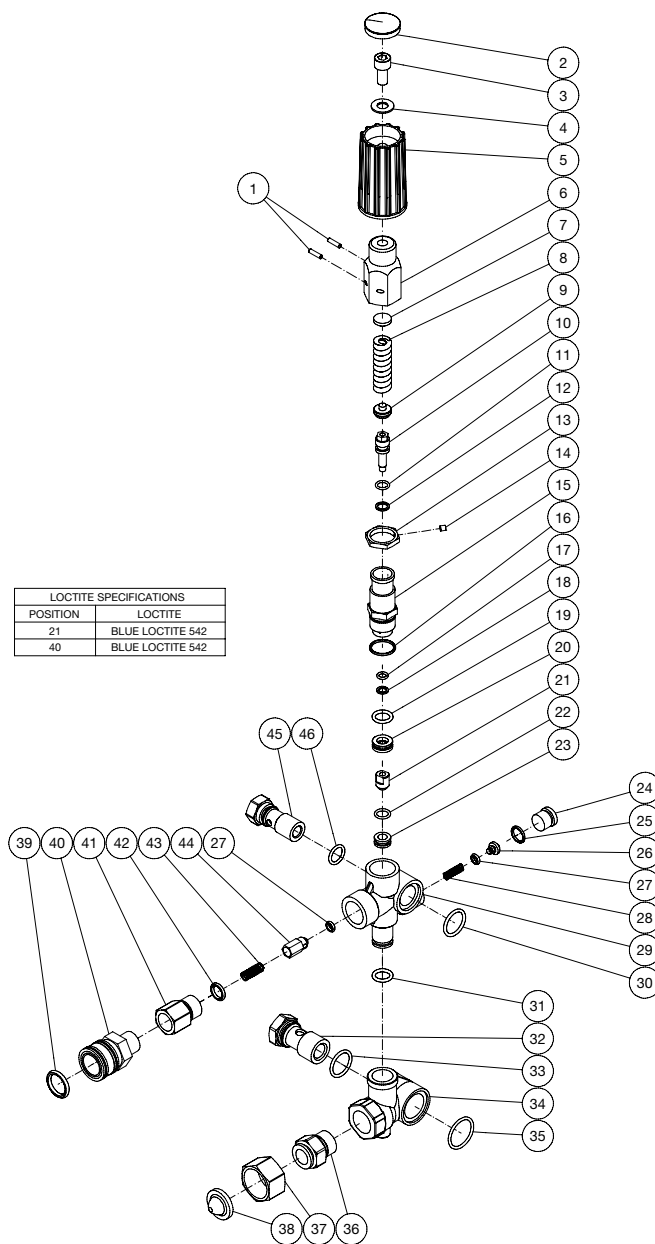
## PUMP ASSEMBLY

| ITEM | DESCRIPTION             | PART #  | QTY |  | ITEM | DESCRIPTION                             | PART #  | QTY |
|------|-------------------------|---------|-----|--|------|-----------------------------------------|---------|-----|
| 1    | SCREW                   | 27-8432 | 4   |  | 25   | OIL DIPSTICK                            | 39-0090 | 1   |
| 2    | PUMP FLANGE             | 46-1244 | 1   |  | 26   | CRANKCASE                               | 46-0724 | 1   |
| 3    | OIL SEAL                | 26-0192 | 1   |  | 27   | BALL BEARING                            | 48-0063 | 1   |
| 4    | RETAINING RING          | 46-0667 | 1   |  | 28   | SNAP RING                               | 46-0732 | 1   |
| 5    | NEEDLE BEARING          | 48-0059 | 1   |  | 29   | SNAP RING                               | 46-0676 | 1   |
| 6    | SET SCREW               | 27-8886 | 1   |  | 30   | BEARING CAP                             | 46-0725 | 1   |
| 7    | CRANKSHAFT              | 46-0717 | 1   |  | 31   | VALVE CAP                               | 39-0087 | 6   |
| 8    | PLUG                    | 39-0086 | 3   |  | 32   | O-RING                                  | 25-0160 | 6   |
| 9    | O-RING                  | 25-0325 | 3   |  | 33   | SINGLE VALVE ASSEMBLY (SEE KIT 70-0161) | 70-0161 | 6   |
| 10   | BOLT                    | 27-8888 | 6   |  | 34   | O-RING (SEE KIT 70-0161)                | 25-0386 | 6   |
| 11   | CRANKCASE COVER         | 46-0719 | 1   |  | 35   | PLUG                                    | 39-0097 | 1   |
| 12   | O-RING                  | 25-0370 | 1   |  | 36   | LOCKWASHER                              | 29-0153 | 8   |
| 13   | OIL SIGHT GLASS         | 46-0670 | 1   |  | 37   | BOLT                                    | 27-8875 | 8   |
| 14   | OIL REFLECTOR           | 46-0824 | 1   |  | 38   | MANIFOLD                                | 46-0730 | 1   |
| 15   | SPRING RETAINER         | 46-0671 | 1   |  | 39   | O-RING                                  | 25-0372 | 1   |
| 16   | O-RING                  | 25-0398 | 1   |  | 40   | PLUG                                    | 39-0088 | 1   |
| 17   | CONNECTING ROD          | 46-0720 | 3   |  | 41   | SUPPORT RING (SEE KIT 70-0182)          | 70-0182 | 3   |
| 18   | PISTON PIN              | 46-0721 | 3   |  | 42   | V PACKING (SEE KIT 70-0181)             | 46-0729 | 3   |
| 19   | PLUNGER ROD             | 46-0722 | 3   |  | 43   | PACKING RETAINER                        | 46-0728 | 3   |
| 20   | SLINGER WASHER          | 28-1027 | 3   |  | 44   | LP SEAL (SEE KIT 70-0181)               | 46-0727 | 3   |
| 21   | O-RING                  | 25-0371 | 3   |  | 45   | LP RETAINER                             | 46-0726 | 3   |
| 22   | PISTON - CERAMIC SLEEVE | 46-0723 | 3   |  | 46   | O-RING (SEE KIT 70-0181)                | 25-0149 | 3   |
| 23   | WASHER                  | 26-0187 | 3   |  | 47   | OIL SEAL                                | 26-0193 | 3   |
| 24   | NUT                     | 30-6016 | 3   |  |      |                                         |         |     |

## REPLACEMENT KIT

| KIT #   | DESCRIPTION               | ITEMS      | # OF ASSEMBLIES | # OF CYLINDERS |
|---------|---------------------------|------------|-----------------|----------------|
| -       | KIT - OIL SEALS           | 3,16,30,47 | 1,1,1,3         | - (3)          |
| -       | KIT - PISTONS             | 20-24      | 3               | 3              |
| 70-0181 | KIT - HIGH PRESSURE SEALS | 42,44,46   | 3               | 3              |
| 70-0182 | KIT - SUPPORT RINGS       | 41         | 3               | 3              |
| 70-0161 | KIT - VALVES              | 33,34      | 6               | 3              |

# UNLOADER ASSEMBLY (8-0630)



| LOCTITE SPECIFICATIONS |                  |
|------------------------|------------------|
| POSITION               | LOCTITE          |
| 21                     | BLUE LOCTITE 542 |
| 40                     | BLUE LOCTITE 542 |

| 8-0630 080520 CH  |                                    |         |     |
|-------------------|------------------------------------|---------|-----|
| UNLOADER ASSEMBLY |                                    |         |     |
| ITEM              | TITLE                              | PART #  | QTY |
| 1                 | SECURING PIN (SEE 70-0659)         | 46-1602 | 2   |
| 2                 | KNOB (SEE 70-0659)                 | 7-0260  | 1   |
| 3                 | BOLT (SEE 70-0659)                 | 27-8431 | 1   |
| 4                 | WASHER (SEE 70-0659)               | 28-0003 | 1   |
| 5                 | CAP (SEE 70-0659)                  | 7-0259  | 1   |
| 6                 | KNOB (SEE 70-0659)                 | SEE KIT | 1   |
| 7                 | SPRING SEAT (SEE 70-0659)          | SEE KIT | 1   |
| 8                 | SPRING (SEE 70-0659)               | SEE KIT | 1   |
| 9                 | SPRING SEAT (SEE 70-0659)          | SEE KIT | 1   |
| 10                | VALVE ROD (SEE 70-0659)            | SEE KIT | 1   |
| 11                | O-RING (SEE 70-0659)               | 25-0651 | 1   |
| 12                | SUPPORT RING (SEE 70-0659)         | SEE KIT | 1   |
| 13                | JAM NUT (SEE 70-0659)              | SEE KIT | 1   |
| 14                | SET SCREW (SEE 70-0659)            | 8-0479  | 1   |
| 15                | UNLOADER VALVE BODY (SEE 70-0659)  | SEE KIT | 1   |
| 16                | O-RING (SEE 70-0659)               | 25-0652 | 1   |
| 17                | O-RING (SEE 70-0659)               | 25-0163 | 1   |
| 18                | SUPPORT RING (SEE 70-0659)         | SEE KIT | 1   |
| 19                | O-RING (SEE 70-0659)               | 25-0655 | 1   |
| 20                | BY PASS JET UNLOADER (SEE 70-0659) | SEE KIT | 1   |
| 21                | BULLET (SEE 70-0659)               | SEE KIT | 1   |
| 22                | O-RING (SEE 70-0659)               | 25-0656 | 1   |
| 23                | VALVE SEAT (SEE 70-0659)           | SEE KIT | 1   |
| 24                | PLUG (SEE 70-0658)                 | 39-0379 | 1   |
| 25                | O-RING (SEE 70-0658)               | 25-0691 | 1   |
| 26                | SPRING BASE (SEE 70-0658)          | 46-1603 | 1   |
| 27                | O-RING (SEE 70-0500 AND 70-0658)   | 25-0690 | 2   |
| 28                | SPRING (SEE 70-0658)               | 46-1604 | 1   |
| 29                | VALVE HOUSING                      | 46-1619 | 1   |
| 30                | O-RING                             | 25-0664 | 1   |
| 31                | O-RING                             | 25-0684 | 1   |
| 32                | INLET BANJO BOLT                   | 8-0595  | 1   |
| 33                | O-RING                             | 25-0602 | 1   |
| 34                | BY PASS HOUSING                    | 46-1620 | 1   |
| 35                | O-RING                             | 25-0654 | 1   |
| 36                | INLET CONNECTOR (SEE 23-0095)      | SEE KIT | 1   |
| 37                | SWIVEL NUT (SEE 23-0095)           | SEE KIT | 1   |
| 38                | FILTER (SEE 23-0095)               | 19-0001 | 1   |
| 39                | O-RING                             | 25-0123 | 1   |
| 40                | QUICK CONNECT SOCKET               | 17-0007 | 1   |
| 41                | OUTLET CONNECTOR                   | 46-1389 | 1   |
| 42                | O-RING                             | 25-0663 | 1   |
| 43                | SPRING (SEE 70-0500)               | SEE KIT | 1   |
| 44                | CHECKING VALVE (SEE 70-0500)       | SEE KIT | 1   |
| 45                | OUTLET BANJO BOLT                  | 8-0594  | 1   |
| 46                | O-RING                             | 25-0169 | 1   |

| KIT #   | DESCRIPTION                  | ITEMS     | # OF ASSEMBLIES |
|---------|------------------------------|-----------|-----------------|
| 23-0095 | KIT - GARDEN HOSE INLET ASSY | 36-38     | 1               |
| 70-0500 | KIT - NON-RETURN VALVES      | 43-44, 27 | 1               |
| 70-0658 | KIT - EZ START               | 24-28     | 1               |
| 70-0659 | KIT - UNLOADER REBUILD       | 1-23      | 1               |

For parts Call 888-279-9274

Manufactured by Mi-T-M  
50 MI-T-M Drive, Peosta IA 52068  
563-556-7484/ Fax 563-556-1235