



TECHNICAL PARTS LIST FOR  
***WP-2700-4MHB***

For parts Call 888-279-9274

ENGINE OIL GRADE:

HONDA:

SAE10W-30

ENGINE OIL CAPACITY:

20 oz.

PUMP OIL GRADE:

SAE 20W-40

PUMP OIL CAPACITY:

5.0 oz.

NOZZLE SIZE:

3.0

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 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. 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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## SPECIFICATIONS

|                                        |                                                    |
|----------------------------------------|----------------------------------------------------|
| <b>MODEL NUMBER</b>                    | <b>WP-2700-4MHB</b>                                |
| <b>Operating Pressure (PSI/Bar):</b>   | 2700/186.2                                         |
| <b>High Pressure Nozzle:</b>           | 3.0                                                |
| <b>Water Volume (GPM/lpm):</b>         | 2.3/8.7                                            |
| <b>Engine:</b>                         | Honda                                              |
| Horsepower                             | 6.0                                                |
| Engine Type                            | 4 Stroke, Overhead Cam, Single Cylinder            |
| Oil Type                               | SAE 10W-30                                         |
| Oil Capacity (oz./liters)              | 20/.6                                              |
| Fuel Type                              | Unleaded Gasoline 86 Octane Minimum                |
| Fuel Capacity (gallon/ liters)         | 1.7/6.5                                            |
| Starting                               | Recoil                                             |
| Maximum No Load RPM                    | 3600 (+/- 100) RPM                                 |
| <b>Pump:</b>                           | Direct Driven, Oil Bath, Triplex Axial Piston      |
| Oil Type                               | SAE 20W-40                                         |
| Oil Capacity (oz./liters)              | 5.0/.15                                            |
| Plungers                               | Ceramic Coated                                     |
| Manifold                               | Forged Brass                                       |
| Valves                                 | Stainless Steel                                    |
| Unloader                               | Preset                                             |
| Heat Dump Valve                        | Relieves heated water during unloader bypass stage |
| Detergent Injector                     | Low pressure down stream from pump                 |
| <b>Unit Net Weight (lbs/Kg)</b>        | 75/34                                              |
| <b>Unit Shipping Weight (lbs/Kg)</b>   | 100/45.3                                           |
| <b>Unit Net Dimension (in/cm)</b>      | 37Lx21Wx24.5H/94Lx53.5Wx62.3H                      |
| <b>Unit Shipping Dimension (in/cm)</b> | 30.5Lx21.5Wx28.5H/77.5Lx54.5Wx72.4H                |

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## NOTES

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### SERIAL NUMBER BREAK

|           |          |
|-----------|----------|
| #10397866 |          |
| #10812415 |          |
| #10817968 | 10-09-15 |
| N/A       | 06-24-16 |
| #10991817 | 06-08-17 |

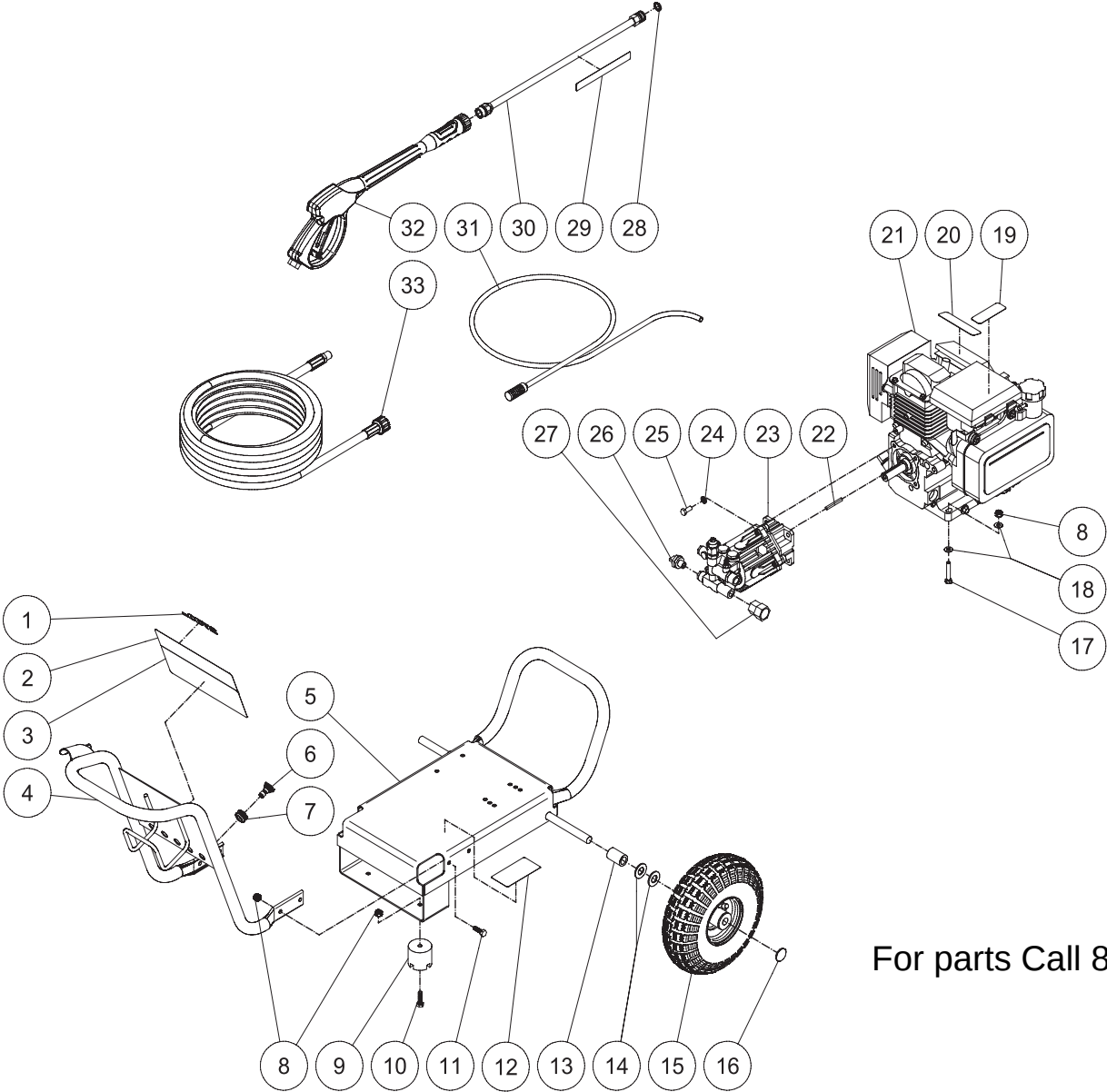
### SERIAL NUMBER DISCRIPTION

|                                          |
|------------------------------------------|
| CHANGED PUMP FROM 3-0260 TO 3-0311       |
| CHANGED PUMP FROM 3-0311 TO 3-0411       |
| REPLACED FRONT HANDLE 7-0194 WITH 7-0256 |
| CHANGED PUMP FROM 3-0411 TO 3-0412       |
| CHANGED PUMP FROM 3-0412 TO 3-0436       |

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## NOTES

FRAME ASSEMBLY (BEFORE SERIAL #10397866)

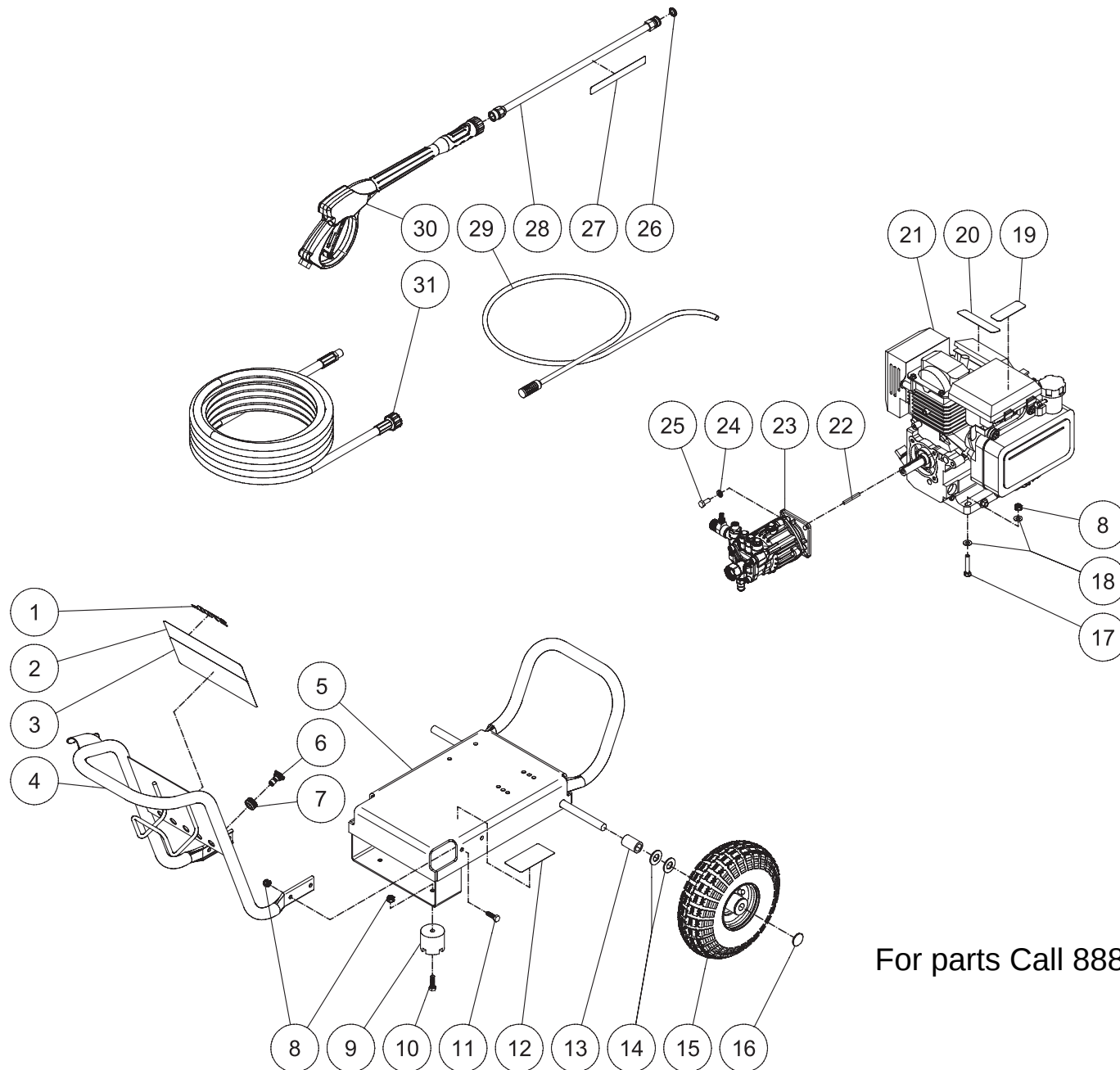


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WP-2700-4MHB-011007-JJT

| FRAME ASSEMBLY FOR WP-2700-4MHB |                                                |           |      |    |                                      |                                                 |          |      |
|---------------------------------|------------------------------------------------|-----------|------|----|--------------------------------------|-------------------------------------------------|----------|------|
| REF. #                          | DESCRIPTION                                    | PART #    | QTY. |    | REF. #                               | DESCRIPTION                                     | PART #   | QTY. |
| 1                               | Decal- Die Cut 2700                            | 34-0774   | 1    |    | 17                                   | Bolt                                            | 27-0070  | 4    |
| 2                               | Decal- Work Pro Placard                        | 34-0737   | 1    |    | 18                                   | Washer                                          | 28-0003  | 8    |
| 3                               | Decal- Warning/Caution/Operation (See 34-9014) | N/A Sep.  | 1    |    | 19                                   | Decal- Caution: Risk of Fire(See 34-9014)       | N/A Sep. | 1    |
| 4                               | Front Handle Assy                              | 7-0194A01 | 1    |    | 20                                   | Decal- Warning: Muffler Hot (See 34-9014)       | N/A Sep. | 1    |
| 5                               | Frame                                          | 5-0253A53 | 1    |    | 21                                   | Engine- 6.0 H.P. Honda                          | 1-0155   | 1    |
| 6                               | Nozzle- 1503.5                                 | 18-0150   | 1    |    | 22                                   | Key                                             | 43-0073  | 1    |
| -                               | Nozzle- 2503.5                                 | 18-0303   | 1    |    | 23                                   | Pump                                            | 3-0260   | 1    |
| -                               | Nozzle- 6540                                   | 18-0148   | 1    |    | 24                                   | Lockwasher                                      | 29-0007  | 4    |
| 7                               | Grommet                                        | 33-0001   | 5    |    | 25                                   | Bolt                                            | 27-0846  | 4    |
| 8                               | Locknut                                        | 30-0157   | 10   |    | 26                                   | Thermal Relief Valve                            | 22-0208  | 1    |
| 9                               | Isolator                                       | 14-0008   | 2    |    | 27                                   | Garden Hose Swivel                              | 23-0001  | 1    |
| 10                              | Bolt                                           | 27-0068   | 2    |    | 28                                   | O-ring (Replacement Only)                       | 25-0122  | -    |
| 11                              | Bolt                                           | 27-0067   | 4    |    | 29                                   | Decal- Warning: Risk of Injection (See 34-9014) | N/A Sep. | 1    |
| 12                              | Decal- Data Plate                              | N/A       | 1    |    | 30                                   | Lance Assembly                                  | 16-0366  | 1    |
| 13                              | Axle Spacer                                    | 62-0176   | 2    |    | 31                                   | Detergent Strainer                              | 19-0233  | 1    |
| 14                              | Washer                                         | 28-0008   | 4    |    | 32                                   | Gun/Wand Assembly                               | 16-0441  | 1    |
| 15                              | Wheel                                          | 14-0113   | 2    | 33 | Pressure Hose                        | 15-0269                                         | 1        |      |
| 16                              | Hubcap                                         | 33-0018   | 2    |    | Safety Decal Kit (Inc. 3, 19-20, 29) | 34-9014                                         |          |      |
| *Must Order in One Foot Lengths |                                                |           |      |    |                                      |                                                 |          |      |

# FRAME ASSEMBLY (AFTER SERIAL #10397866)

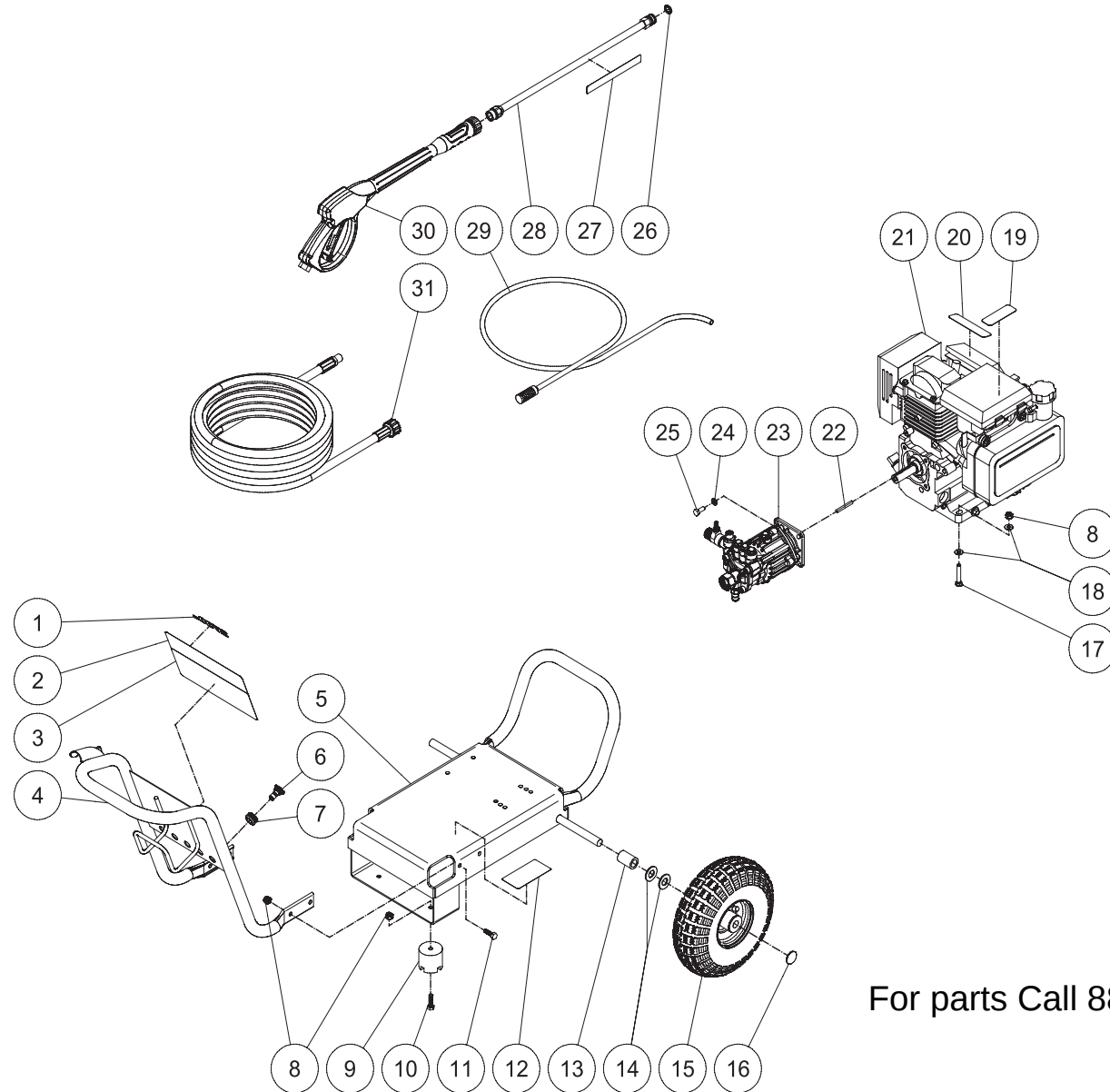


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## FRAME ASSEMBLY FOR WP-2700-4MHB

| REF. #                          | DESCRIPTION                                    | PART #    | QTY. |  | REF. # | DESCRIPTION                                     | PART #   | QTY. |
|---------------------------------|------------------------------------------------|-----------|------|--|--------|-------------------------------------------------|----------|------|
| 1                               | Decal- Die Cut 2700                            | 34-0774   | 1    |  | 17     | Bolt                                            | 27-0070  | 4    |
| 2                               | Decal- Work Pro Placard                        | 34-0737   | 1    |  | 18     | Washer                                          | 28-0003  | 8    |
| 3                               | Decal- Warning/Caution/Operation (See 34-9014) | N/A Sep.  | 1    |  | 19     | Decal- Caution: Risk of Fire(See 34-9014)       | N/A Sep. | 1    |
| 4                               | Front Handle Assy                              | 7-0194A01 | 1    |  | 20     | Decal- Warning: Muffler Hot (See 34-9014)       | N/A Sep. | 1    |
| 5                               | Frame                                          | 5-0253A53 | 1    |  | 21     | Engine- 6.0 H.P. Honda                          | 1-0155   | 1    |
| 6                               | Nozzle- 1503.5                                 | 18-0150   | 1    |  | 22     | Key                                             | 43-0073  | 1    |
| 7                               | Grommet                                        | 33-0001   | 5    |  | 23     | Pump                                            | 3-0311   | 1    |
| 8                               | Locknut                                        | 30-0157   | 10   |  | 24     | Lockwasher                                      | 29-0007  | 4    |
| 9                               | Isolator                                       | 14-0008   | 2    |  | 25     | Bolt                                            | 27-0091  | 4    |
| 10                              | Bolt                                           | 27-0068   | 2    |  | 26     | O-ring (Replacement Only)                       | 25-0122  | -    |
| 11                              | Bolt                                           | 27-0067   | 4    |  | 27     | Decal- Warning: Risk of Injection (See 34-9014) | N/A Sep. | 1    |
| 12                              | Decal- Data Plate                              | N/A       | 1    |  | 28     | Lance Assembly                                  | 16-0366  | 1    |
| 13                              | Axle Spacer                                    | 62-0176   | 2    |  | 29     | Detergent Strainer                              | 19-0233  | 1    |
| 14                              | Washer                                         | 28-0008   | 4    |  | 30     | Gun/Wand Assembly                               | 16-0441  | 1    |
| 15                              | Wheel                                          | 14-0113   | 2    |  | 31     | Pressure Hose                                   | 15-0269  | 1    |
| 16                              | Hubcap                                         | 33-0018   | 2    |  |        | Safety Decal Kit (Inc. 3, 19-20, 27)            | 34-9014  |      |
| *Must Order in One Foot Lengths |                                                |           |      |  |        |                                                 |          |      |

## FRAME ASSEMBLY (AFTER SERIAL #10812415)



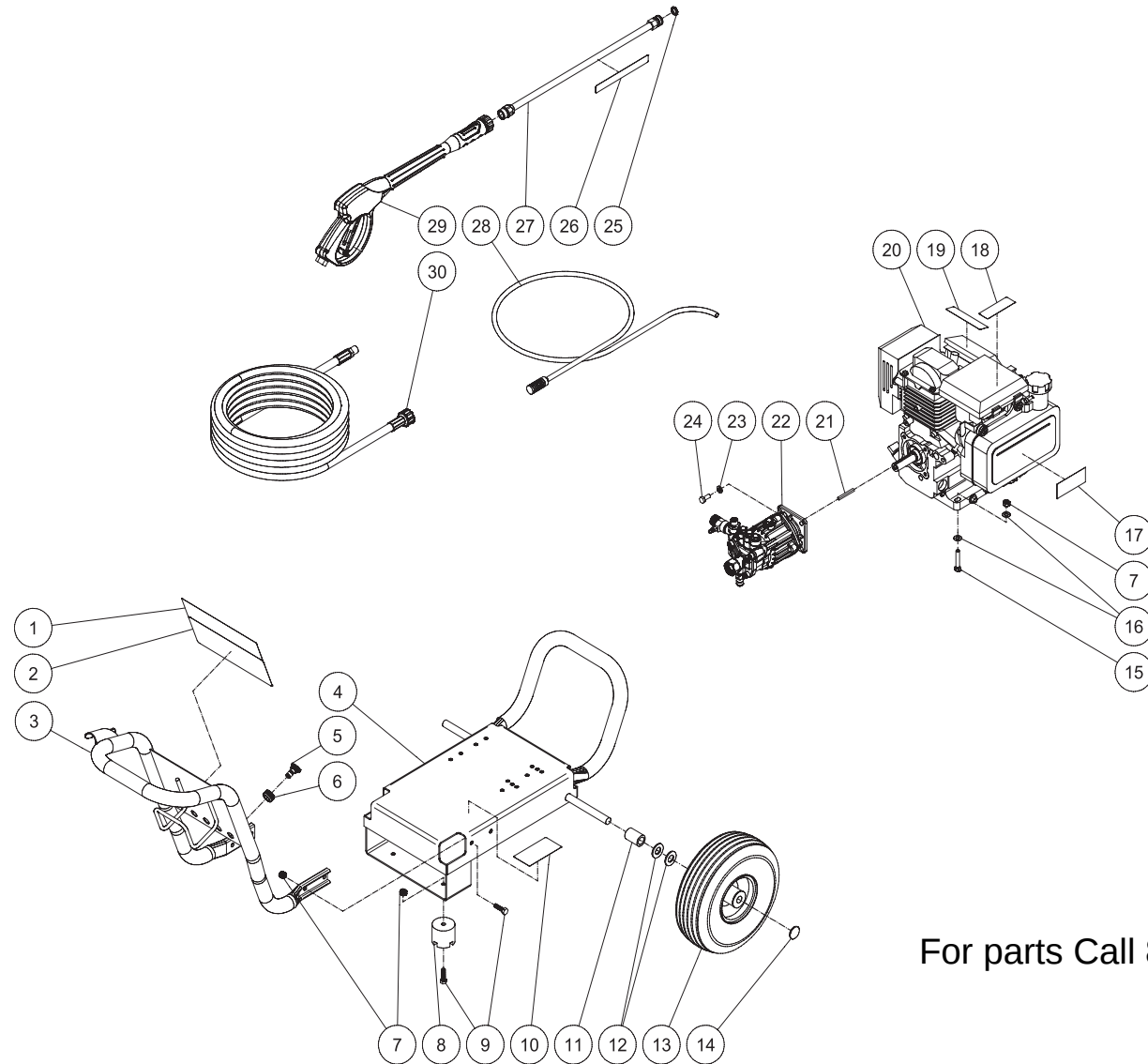
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## FRAME ASSEMBLY FOR WP-2700-4MHB

| REF. # | DESCRIPTION                                    | PART #    | QTY. | REF. # | DESCRIPTION                                     | PART #   | QTY. |
|--------|------------------------------------------------|-----------|------|--------|-------------------------------------------------|----------|------|
| 1      | Decal- Die Cut 2700                            | 34-0774   | 1    | 17     | Bolt                                            | 27-0070  | 4    |
| 2      | Decal- Work Pro Placard                        | 34-0737   | 1    | 18     | Washer                                          | 28-0003  | 8    |
| 3      | Decal- Warning/Caution/Operation (See 34-9014) | N/A Sep.  | 1    | 19     | Decal- Caution: Risk of Fire(See 34-9014)       | N/A Sep. | 1    |
| 4      | Front Handle Assy                              | 7-0194A01 | 1    | 20     | Decal- Warning: Muffler Hot (See 34-9014)       | N/A Sep. | 1    |
| 5      | Frame                                          | 5-0253A53 | 1    | 21     | Engine- 6.0 H.P. Honda                          | 1-0155   | 1    |
| 6      | Nozzle- 1503.5                                 | 18-0150   | 1    | 22     | Key                                             | 43-0073  | 1    |
| 7      | Grommet                                        | 33-0001   | 5    | 23     | Pump                                            | 3-0411   | 1    |
| 8      | Locknut                                        | 30-0157   | 10   | 24     | Lockwasher                                      | 29-0007  | 4    |
| 9      | Isolator                                       | 14-0008   | 2    | 25     | Bolt                                            | 27-0091  | 4    |
| 10     | Bolt                                           | 27-0068   | 2    | 26     | O-ring (Replacement Only)                       | 25-0122  | -    |
| 11     | Bolt                                           | 27-0067   | 4    | 27     | Decal- Warning: Risk of Injection (See 34-9014) | N/A Sep. | 1    |
| 12     | Decal- Data Plate                              | N/A       | 1    | 28     | Lance Assembly                                  | 16-0366  | 1    |
| 13     | Axle Spacer                                    | 62-0176   | 2    | 29     | Detergent Strainer                              | 19-0233  | 1    |
| 14     | Washer                                         | 28-0008   | 4    | 30     | Gun/Wand Assembly                               | 16-0441  | 1    |
| 15     | Wheel                                          | 14-0130   | 2    | 31     | Pressure Hose                                   | 15-0269  | 1    |
| 16     | Hubcap                                         | 33-0018   | 2    |        | Safety Decal Kit (Inc. 3, 19-20, 27)            | 34-9014  |      |

\*Must Order in One Foot Lengths

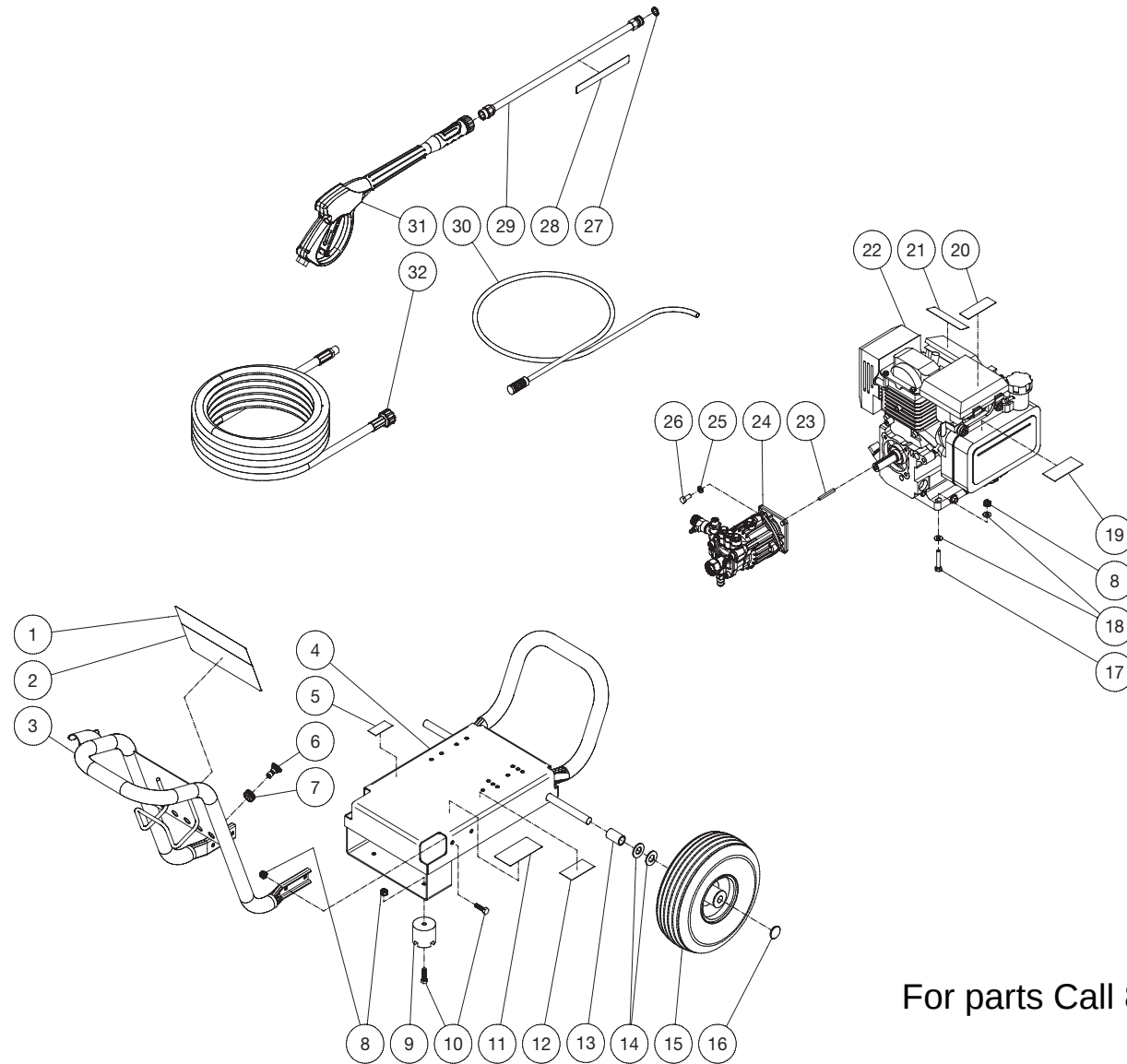
## FRAME ASSEMBLY (AFTER SERIAL #10817968)



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| WP-2700-4MHB 062416 JTW |                                                 |           |     |
|-------------------------|-------------------------------------------------|-----------|-----|
| FRAME ASSEMBLY          |                                                 |           |     |
| ITEM                    | DESCRIPTION                                     | PART #    | QTY |
| 1                       | DECAL (WP-2700)                                 | 34-2906   | 1   |
| -                       | DECAL (WP-3000)                                 | 34-2907   | 1   |
| 2                       | DECAL - WARNING/CAUTION/OPERATION (SEE 71-1049) | N/A       | 1   |
| 3                       | HANDLE                                          | 7-0256A01 | 1   |
| 4                       | BASEPLATE                                       | 5-0253A53 | 1   |
| 5                       | NOZZLE 65° DETERGENT                            | 18-0386   | 1   |
| -                       | NOZZLE 15°                                      | 18-0388   | 1   |
| -                       | NOZZLE 25°                                      | 18-0390   | 1   |
| 6                       | GROMMET                                         | 33-0001   | 5   |
| 7                       | LOCKNUT                                         | 30-0157   | 10  |
| 8                       | ISOLATOR                                        | 14-0008   | 2   |
| 9                       | BOLT                                            | 27-0068   | 6   |
| 10                      | DECAL- SILVER STICKER                           | N/A       | 1   |
| 11                      | SPACER                                          | 62-0176   | 2   |
| 12                      | WASHER                                          | 28-0008   | 4   |
| 13                      | WHEEL                                           | 14-0130   | 2   |
| 14                      | CAP                                             | 33-0018   | 2   |
| 15                      | BOLT                                            | 27-0070   | 4   |
| 16                      | WASHER                                          | 28-0003   | 8   |
| 17                      | DECAL (SEE KIT 71-1049)                         | 34-2774   | 1   |
| 18                      | DECAL - RISK OF FIRE (SEE 71-1049)              | N/A       | 1   |
| 19                      | DECAL - RISK OF BURNS (SEE 71-1049)             | N/A       | 1   |
| 20                      | ENGINE - HONDA                                  | 1-0155    | 1   |
| 21                      | KEY                                             | 43-0073   | 1   |
| 22                      | PUMP                                            | 3-0412    | 1   |
| 23                      | LOCKWASHER                                      | 29-0007   | 4   |
| 24                      | BOLT                                            | 27-0091   | 4   |
| 25                      | O-RING                                          | 25-0122   | 1   |
| 26                      | DECAL - RISK OF INJECTION (SEE 71-1049)         | N/A       | 1   |
| 27                      | LANCE ASSEMBLY                                  | 16-0366   | 1   |
| 28                      | DETERGENT HOSE                                  | 19-0233   | 1   |
| 29                      | GUN & WAND - 4000 PSI                           | 16-0441   | 1   |
| 30                      | HOSE                                            | 15-0269   | 1   |
| -                       | DECAL SET                                       | 71-1049   | 1   |

## FRAME ASSEMBLY (AFTER SERIAL #10991817)

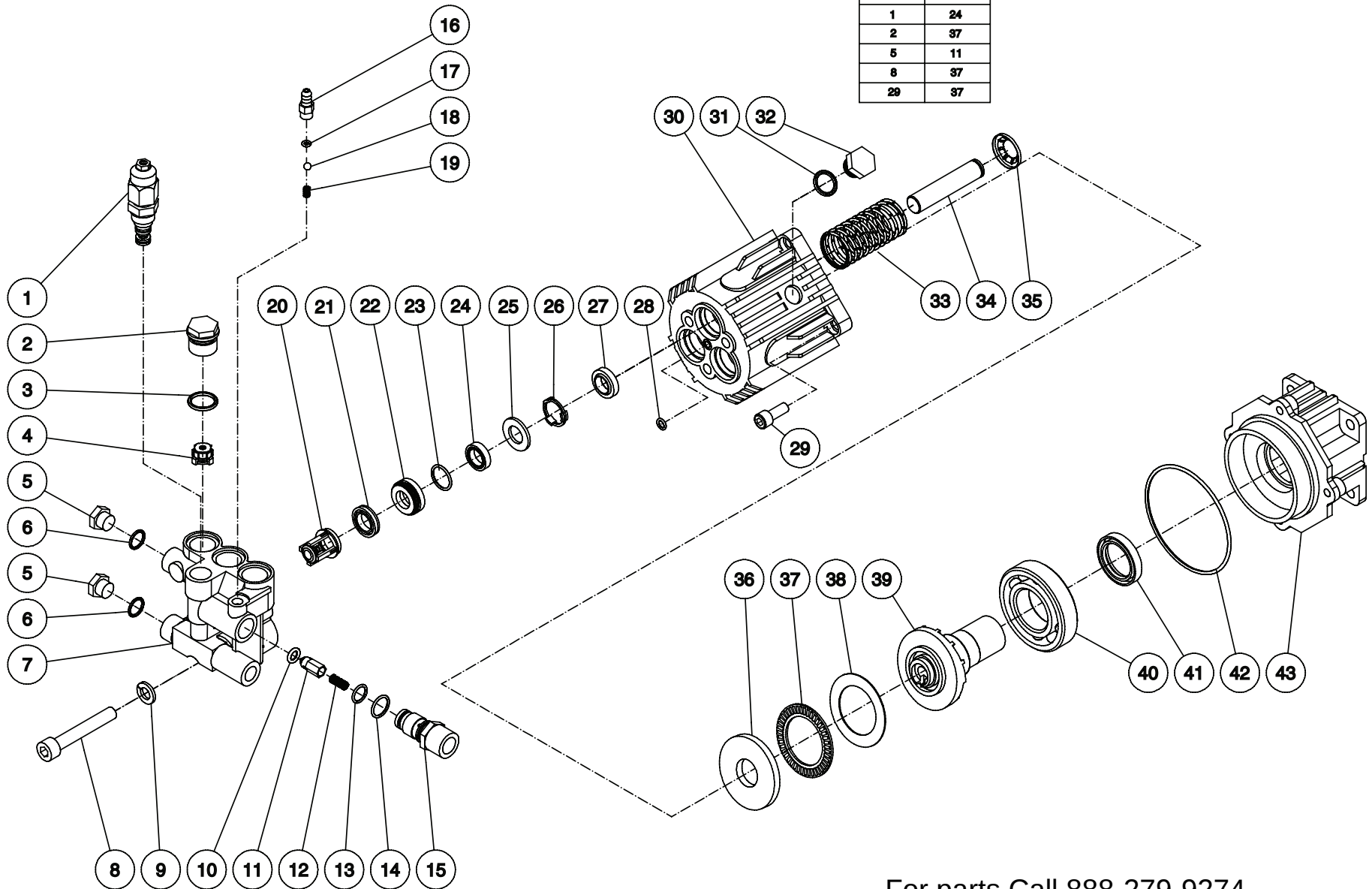


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| WP-2700-4MHB 052121 ATL |                                                 |           |     |
|-------------------------|-------------------------------------------------|-----------|-----|
| FRAME ASSEMBLY          |                                                 |           |     |
| ITEM                    | TITLE                                           | PART #    | QTY |
| 1                       | DECAL - PSI                                     | 34-2906   | 1   |
| 2                       | DECAL - WARNING/CAUTION/OPERATION (SEE 71-1049) | N/A       | 1   |
| 3                       | HANDLE                                          | 7-0276A18 | 1   |
| 4                       | BASEPLATE                                       | 5-0253A53 | 1   |
| 5                       | DECAL - MADE IN USA                             | 34-3553   | 1   |
| 6                       | NOZZLE                                          | 18-0388   | 1   |
| -                       | NOZZLE                                          | 18-0386   | 1   |
| -                       | NOZZLE                                          | 18-0390   | 1   |
| 7                       | GROMMET                                         | 33-0001   | 5   |
| 8                       | LOCKNUT                                         | 30-0157   | 10  |
| 9                       | ISOLATOR                                        | 14-0008   | 2   |
| 10                      | BOLT                                            | 27-0068   | 6   |
| 11                      | DECAL- SILVER STICKER                           | N/A       | 1   |
| 12                      | DECAL                                           | N/A       | 1   |
| 13                      | SPACER                                          | 62-0176   | 2   |
| 14                      | WASHER                                          | 28-0008   | 4   |
| 15                      | WHEEL                                           | 14-0130   | 2   |
| 16                      | CAP                                             | 33-0018   | 2   |
| 17                      | BOLT                                            | 27-0070   | 4   |
| 18                      | WASHER                                          | 28-0003   | 8   |
| 19                      | DECAL (SEE 71-1049)                             | 34-2774   | 1   |
| 20                      | DECAL - RISK OF FIRE (SEE 71-1049)              | N/A       | 1   |
| 21                      | DECAL - RISK OF BURNS (SEE 71-1049)             | N/A       | 1   |
| 22                      | ENGINE - HONDA                                  | 1-0155    | 1   |
| 23                      | KEY                                             | 43-0073   | 1   |
| 24                      | PUMP                                            | 3-0436    | 1   |
| 25                      | LOCKWASHER                                      | 29-0007   | 4   |
| 26                      | BOLT                                            | 27-0091   | 4   |
| 27                      | O-RING                                          | 25-0122   | 1   |
| 28                      | DECAL - RISK OF INJECTION (SEE 71-1049)         | N/A       | 1   |
| 29                      | LANCE ASSEMBLY                                  | 16-0366   | 1   |
| 30                      | DETERGENT HOSE                                  | 19-0233   | 1   |
| 31                      | GUN & WAND - 4000 PSI                           | 16-0441   | 1   |
| 32                      | HOSE                                            | 15-0269   | 1   |
| -                       | DECAL SET                                       | 71-1049   | 1   |

# PUMP ASSEMBLY 3-0260

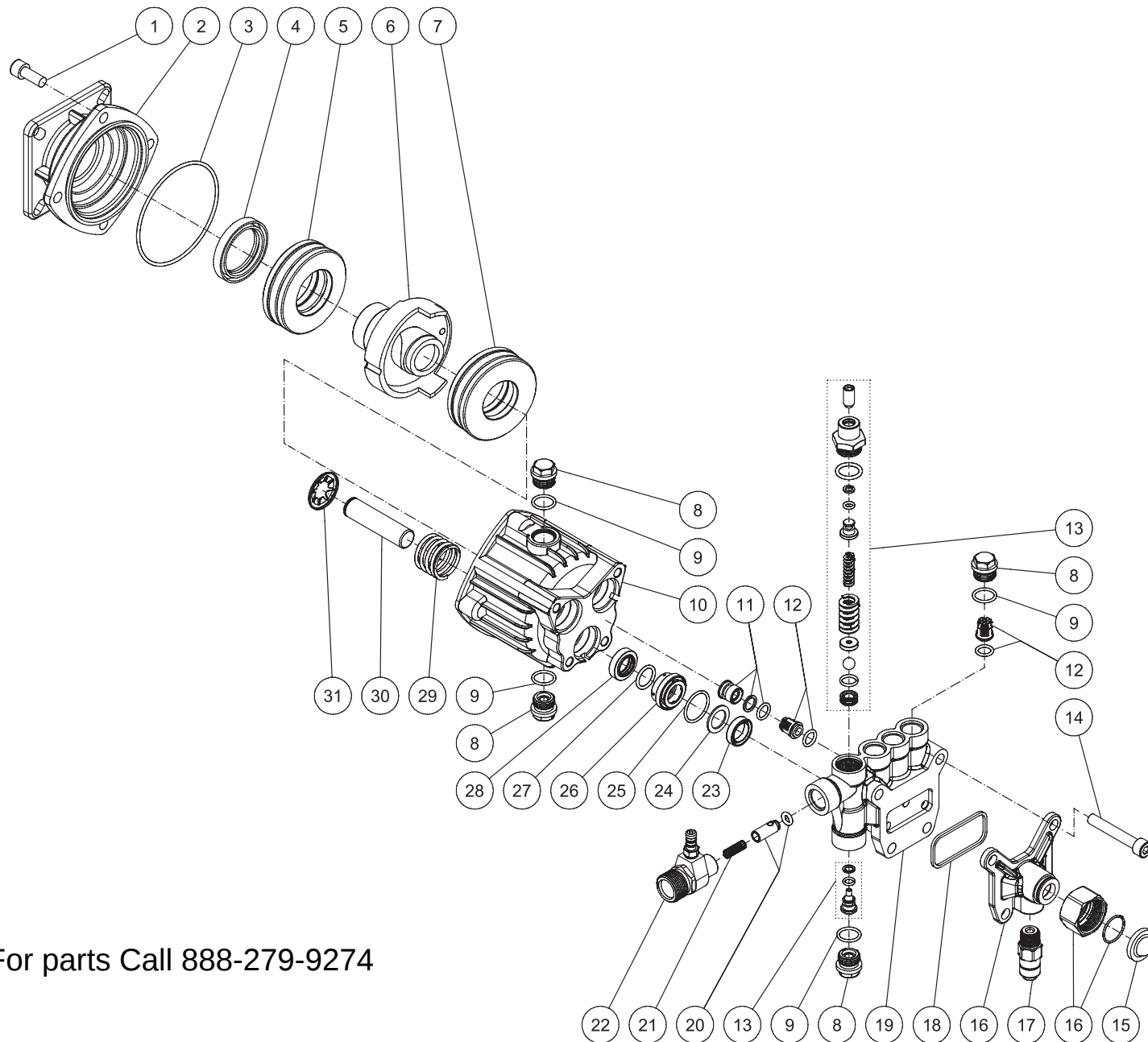
| FT-LBS   |        |
|----------|--------|
| POSITION | FT-LBS |
| 1        | 24     |
| 2        | 37     |
| 5        | 11     |
| 8        | 37     |
| 29       | 37     |



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| PUMP ASSEMBLY (3-0260) |                                     |          |      |  |        |                                                 |         |      |
|------------------------|-------------------------------------|----------|------|--|--------|-------------------------------------------------|---------|------|
| REF. #                 | DESCRIPTION                         | PART #   | QTY. |  | REF. # | DESCRIPTION                                     | PART #  | QTY. |
| 1                      | Unloader Stack Assembly             | 8-0550   | 1    |  | 24     | Low Pressure Seal                               | 46-0727 | 3    |
| 2                      | Valve Cap                           | 39-0087  | 3    |  | 25     | Retainer Ring                                   | 46-0872 | 3    |
| 3                      | O-ring                              | 25-0160  | 3    |  | 26     | Spacer                                          | 46-0892 | 3    |
| 4                      | Single Valve Assembly (See 70-0383) | N/A Sep. | 3    |  | 27     | Seal                                            | 26-0239 | 3    |
| 5                      | Plug                                | 39-0096  | 2    |  | 28     | O-ring                                          | 25-0502 | 1    |
| 6                      | O-ring                              | 25-0387  | 2    |  | 29     | Screw                                           | 27-8432 | 4    |
| 7                      | Manifold                            | 46-1126  | 1    |  | 30     | Case                                            | *CF     | 1    |
| 8                      | Bolt                                | 27-8960  | 3    |  | 31     | O-ring                                          | 25-0386 | 1    |
| 9                      | Lockwasher                          | 29-0055  | 3    |  | 32     | Plug                                            | 39-0203 | 1    |
| 10                     | O-ring                              | 25-0406  | 1    |  | 33     | Spring                                          | 49-0142 | 3    |
| 11                     | Check Valve                         | 8-0518   | 1    |  | 34     | Piston                                          | 46-0897 | 3    |
| 12                     | Spring                              | 49-0124  | 1    |  | 35     | Spring Retainer                                 | 46-0875 | 3    |
| 13                     | O-ring                              | 25-0407  | 1    |  | 36     | Washer                                          | 46-0876 | 1    |
| 14                     | O-ring                              | 25-0159  | 1    |  | 37     | Bearing                                         | 48-0057 | 1    |
| 15                     | Detergent Injector                  | 46-1127  | 1    |  | 38     | Washer                                          | 48-0056 | 1    |
| 16                     | Hose Barb                           | 46-0869  | 1    |  | 39     | Shaft                                           | 46-1106 | 1    |
| 17                     | O-ring                              | 25-0371  | 1    |  | 40     | Bearing                                         | 48-0083 | 1    |
| 18                     | Ball (See 70-0293)                  | N/A Sep. | 1    |  | 41     | Oil Seal                                        | 26-0279 | 1    |
| 19                     | Spring (See 70-0293)                | N/A Sep. | 1    |  | 42     | O-ring                                          | 25-0503 | 1    |
| 20                     | Single Valve Assembly (See 70-0383) | N/A Sep. | 3    |  | 43     | Flange                                          | 38-0064 | 1    |
| 21                     | High Pressure Seal (See 70-0384)    | N/A Sep. | 3    |  |        | Valve Kit (Inc. 3 each 4, 20)                   | 70-0383 |      |
| 22                     | Packing Retainer                    | 46-1128  | 3    |  |        | High Pressure Seals Kit (Inc. 3 each 21, 23-26) | 70-0384 |      |
| 23                     | O-ring                              | 25-0501  | 3    |  |        | Injector Repair Kit (Inc. 17-19)                | 70-0293 |      |
| *Consult Factory       |                                     |          |      |  |        |                                                 |         |      |

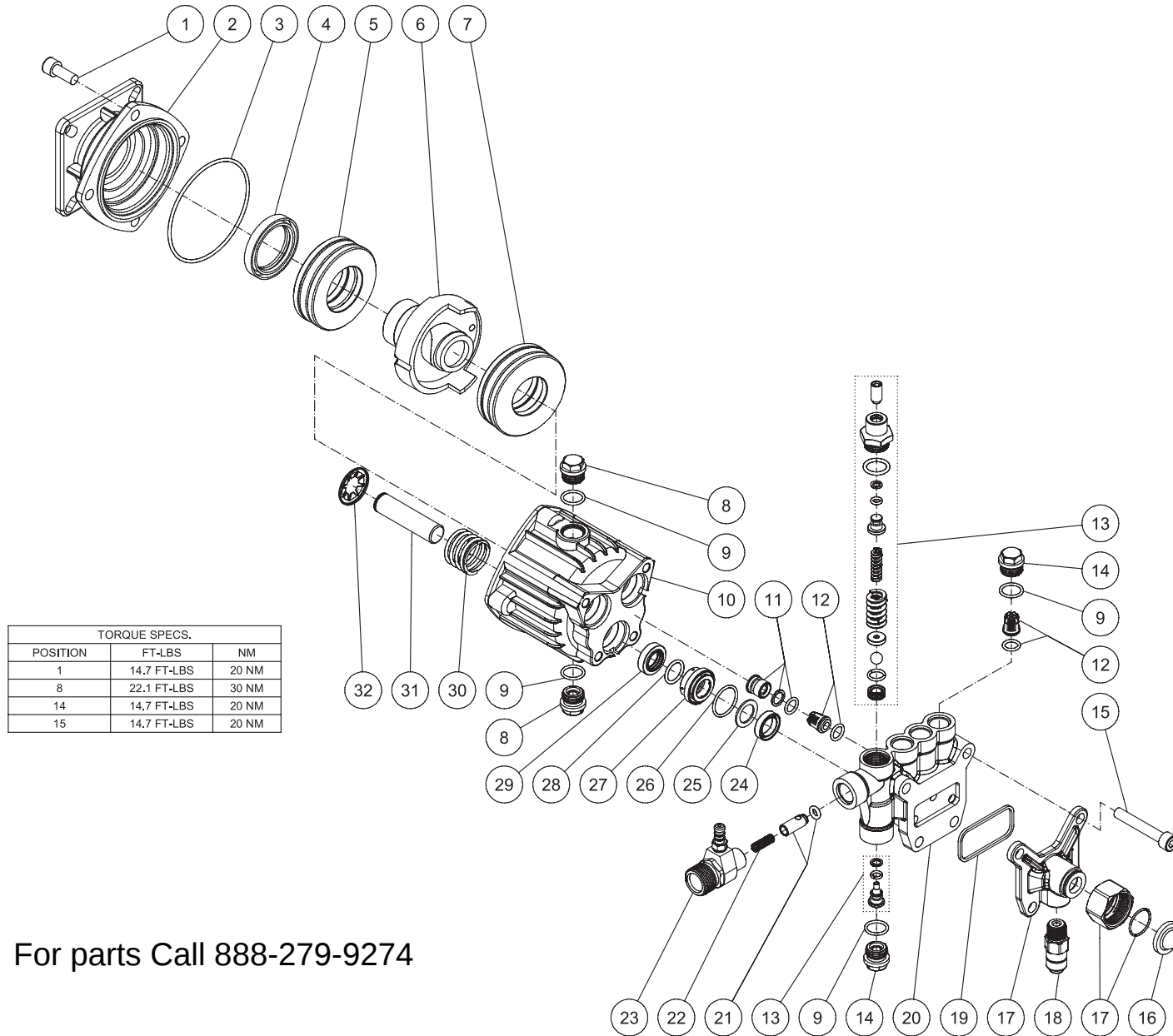
# PUMP ASSEMBLY 3-0311



For parts Call 888-279-9274

| PUMP ASSEMBLY (3-0311) |                      |         |      |  |                           |                                        |         |      |
|------------------------|----------------------|---------|------|--|---------------------------|----------------------------------------|---------|------|
| REF. #                 | DESCRIPTION          | PART #  | QTY. |  | REF. #                    | DESCRIPTION                            | PART #  | QTY. |
| 1                      | Screw                | 27-8432 | 4    |  | 18                        | Inlet Body Seal                        | 26-0327 | 1    |
| 2                      | Flange               | 46-1330 | 1    |  | 19                        | Pump Head                              | N/A     | 1    |
| 3                      | O-Ring               | 25-0605 | 1    |  | 20                        | Non Return Valve Kit                   | 70-0511 | 1    |
| 4                      | Oil Seal             | 26-0320 | 1    |  | 21                        | Non Return Valve Spring                | 46-1332 | 1    |
| 5                      | Rear Bearing         | N/A     | 1    |  | 22                        | Outlet Assy Kit                        | 70-0510 | 1    |
| 6                      | Wobble Plate Assy    | N/A     | 1    |  | 23                        | Water Seal                             | N/A     | 3    |
| 7                      | Front Bearing        | N/A     | 1    |  | 24                        | Water Seal Washer                      | N/A     | 3    |
| 8                      | Plug                 | 39-0233 | 6    |  | 25                        | O-Ring                                 | 26-0325 | 3    |
| 9                      | O-Ring               | 25-0606 | 6    |  | 26                        | Locating Ring                          | N/A     | 3    |
| 10                     | Pump Housing         | N/A     | 1    |  | 27                        | O-Ring                                 | 46-1331 | 3    |
| 11                     | Inlet Plug Assy Kit  | N/A     | 3    |  | 28                        | Oil Seal                               | N/A     | 3    |
| 12                     | Valve Assy           | N/A     | 6    |  | 29                        | Plunger Spring                         | 26-0325 | 3    |
| 13                     | Unloader Kit         | 70-0513 | 1    |  | 30                        | Piston                                 | N/A     | 3    |
| 14                     | Bolt                 | 27-9569 | 4    |  | 31                        | Spring Disk                            | N/A     | 3    |
| 15                     | Inlet Filter         | 19-0001 | 1    |  |                           | Inlet Plug Kit (Inc. 3 of 11)          | 70-0512 | 1    |
| 16                     | Inlet Assy Kit       | 70-0514 | 1    |  |                           | Packing Kit (Inc. 3 of 23, 24, 25, 27) | 70-0515 | 1    |
| 17                     | Thermal Relief Valve | 22-0408 | 1    |  | Valves Kit (Inc. 6 of 12) | 70-0516                                | 1       |      |

## PUMP ASSEMBLY 3-0411

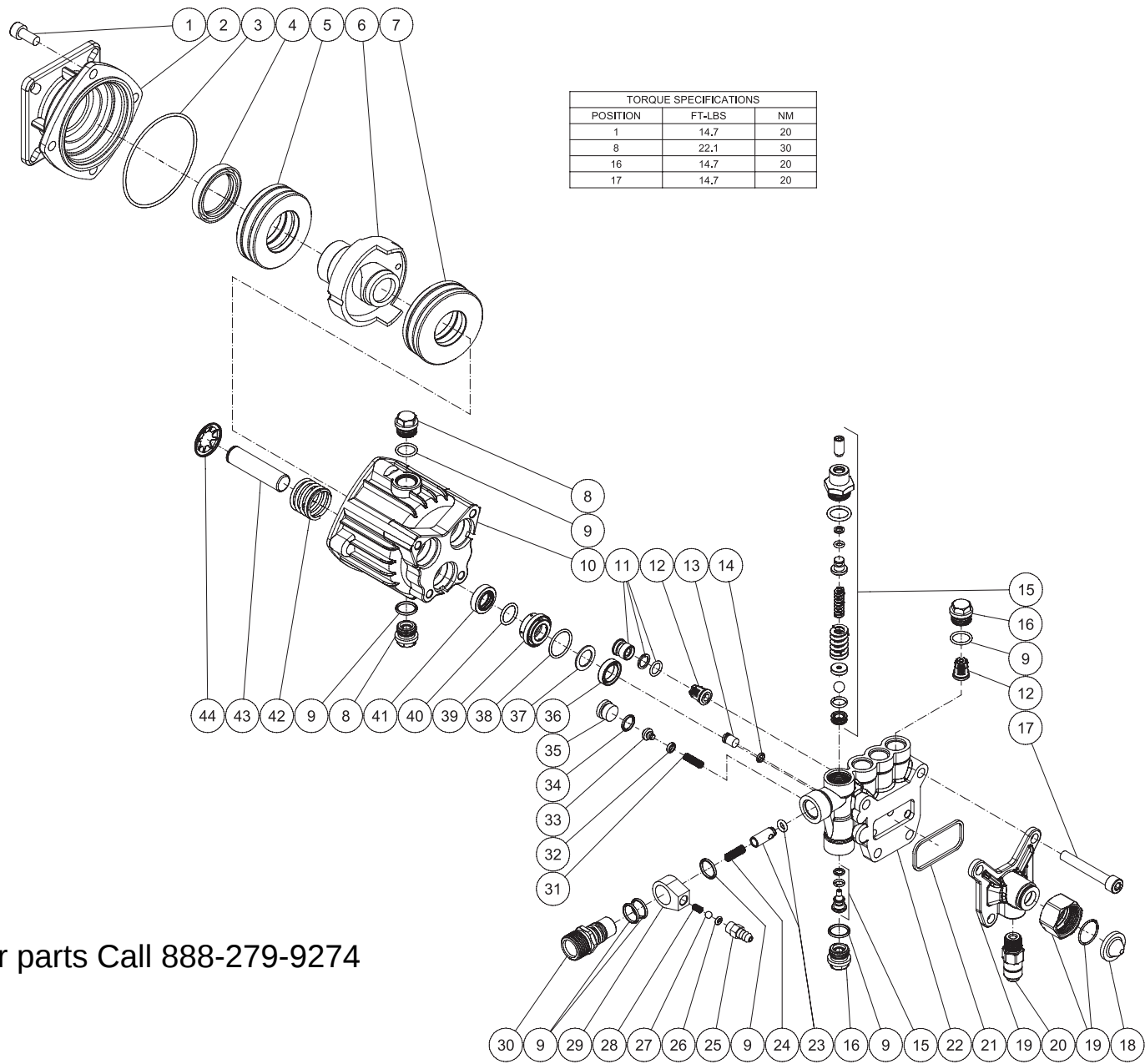


For parts Call 888-279-9274

| 3-0411 080714 KMD |                                             |         |     |
|-------------------|---------------------------------------------|---------|-----|
| PUMP ASSEMBLY     |                                             |         |     |
| ITEM              | DESCRIPTION                                 | PART #  | QTY |
| 1                 | SCREW                                       | 27-8432 | 4   |
| 2                 | FLANGE                                      | 46-1330 | 1   |
| 3                 | O-RING                                      | 25-0605 | 1   |
| 4                 | OIL SEAL                                    | 26-0320 | 1   |
| 5                 | REAR BEARING                                | N/A     | 1   |
| 6                 | WOBBLE PLATE ASSEMBLY                       | N/A     | 1   |
| 7                 | FRONT BEARING                               | N/A     | 1   |
| 8                 | PLUG                                        | 39-0233 | 2   |
| 9                 | O-RING                                      | 25-0606 | 6   |
| 10                | PUMP HOUSING                                | N/A     | 1   |
| 11                | KIT - INLET PLUG ASSEMBLY (SEE KIT 70-0512) | SEE KIT | 3   |
| 12                | VALVE ASSEMBLY (SEE KIT 70-0516)            | SEE KIT | 6   |
| 13                | KIT - COMPLETE UNLOADER                     | 70-0646 | 1   |
| 14                | PLUG                                        | 39-0372 | 4   |
| 15                | BOLT                                        | 27-9569 | 4   |
| 16                | FILTER                                      | 19-0001 | 1   |
| 17                | KIT- INLET ASSEMBLY                         | 70-0514 | 1   |
| 18                | THERMAL RELIEF VALVE                        | 22-0408 | 1   |
| 19                | INLET BODY SEAL                             | 26-0327 | 1   |
| 20                | PUMP HEAD                                   | N/A     | 1   |
| 21                | KIT - NON-RETURN VALVE                      | 70-0511 | 1   |
| 22                | NON-RETURN VALVE SPRING                     | 46-1332 | 1   |
| 23                | KIT - OUTLET/BARB ASSEMBLY                  | 70-0510 | 1   |
| 24                | WATER SEAL (SEE KIT 70-0515)                | SEE KIT | 3   |
| 25                | WATER SEAL WASHER (SEE KIT 70-0515)         | SEE KIT | 3   |
| 26                | O-RING (SEE KIT 70-0515)                    | SEE KIT | 3   |
| 27                | LOCATING RING                               | 46-1586 | 3   |
| 28                | O-RING (SEE KIT 70-0515)                    | SEE KIT | 3   |
| 29                | OIL SEAL                                    | 26-0325 | 3   |
| 30                | PLUNGER SPRING                              | N/A     | 3   |
| 31                | PISTON                                      | 46-1587 | 3   |
| 32                | SPRING DISK                                 | N/A     | 3   |

| REPLACEMENT KITS |                        |                |                 |                |
|------------------|------------------------|----------------|-----------------|----------------|
| KIT #            | DESCRIPTION            | ITEMS          | # OF ASSEMBLIES | # OF CYLINDERS |
| 70-0512          | KIT - INLET PLUG       | 11             | 3               | 3              |
| 70-0515          | KIT - PACKINGS         | 24, 25, 26, 28 | 3, 3, 3, 3      | 3              |
| 70-0516          | KIT - VALVES W/ O-RING | 12             | 6               | 3              |

PUMP ASSEMBLY 3-0412



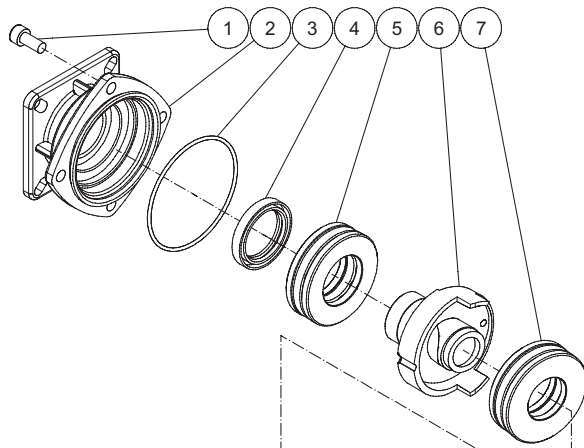
For parts Call 888-279-9274

3-0412 060316 CH

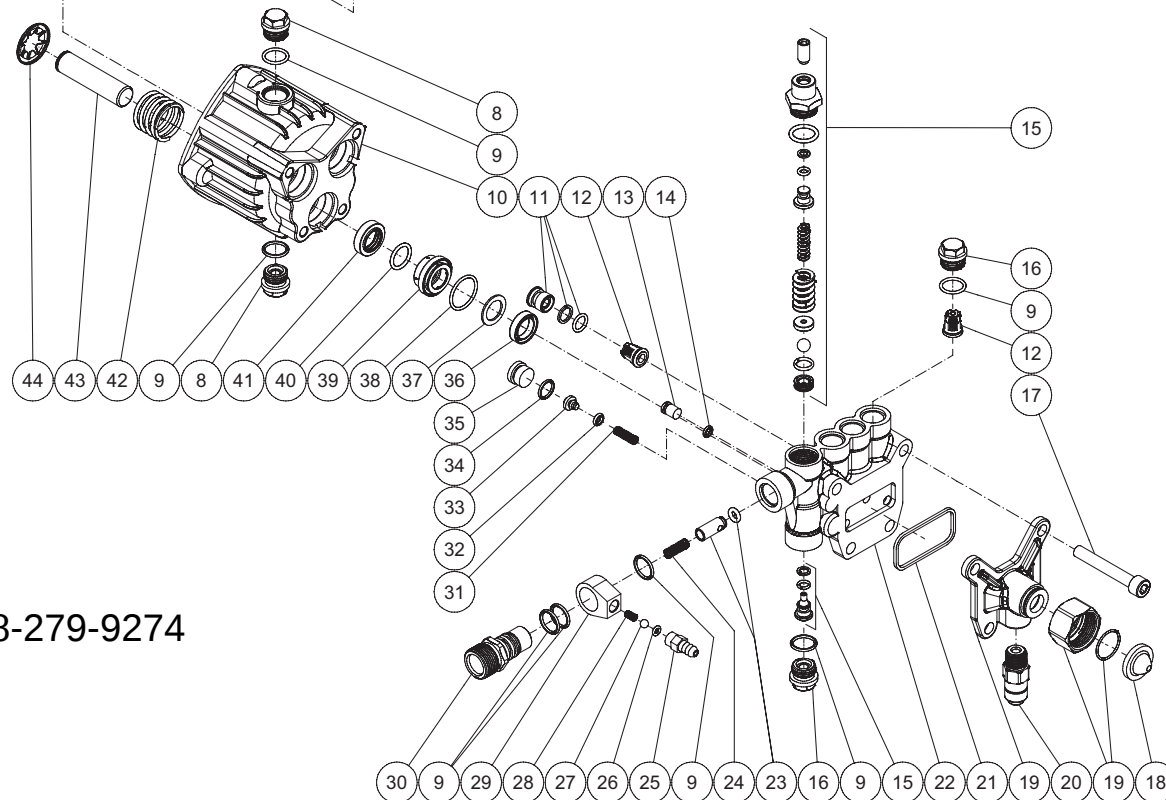
| 3-0412 060316 CH |                                             |         |     |
|------------------|---------------------------------------------|---------|-----|
| PUMP ASSEMBLY    |                                             |         |     |
| ITEM             | DESCRIPTION                                 | PART #  | QTY |
| 1                | BOLT                                        | 27-8433 | 4   |
| 2                | FLANGE                                      | 46-1330 | 1   |
| 3                | O-RING                                      | 25-0605 | 1   |
| 4                | OIL SEAL                                    | 26-0320 | 1   |
| 5                | REAR BEARING                                | 48-0103 | 1   |
| 6                | WOBBLE PLATE                                | 46-1612 | 1   |
| 7                | FRONT BEARING                               | 48-0104 | 1   |
| 8                | PLUG                                        | 39-0233 | 2   |
| 9                | O-RING (SEE KIT 70-0510)                    | 25-0606 | 9   |
| 10               | CRANKCASE                                   | 46-1613 | 1   |
| 11               | KIT - INLET PLUG ASSEMBLY (SEE KIT 70-0512) | 70-0512 | 3   |
| 12               | VALVE ASSEMBLY (SEE KIT 70-0516)            | 70-0516 | 6   |
| 13               | PLUG                                        | 39-0377 | 1   |
| 14               | O-RING                                      | 25-0687 | 1   |
| 15               | KIT - COMPLETE UNLOADER                     | 70-0646 | 1   |
| 16               | PLUG                                        | 39-0372 | 4   |
| 17               | HEAD BOLT                                   | 27-0905 | 4   |
| 18               | FILTER                                      | 19-0001 | 1   |
| 19               | KIT- INLET ASSEMBLY                         | 70-0514 | 1   |
| 20               | THERMAL RELIEF VALVE                        | 22-0408 | 1   |
| 21               | INLET BODY SEAL                             | 26-0327 | 1   |
| 22               | PUMP HEAD                                   | 46-1614 | 1   |
| 23               | KIT - NON-RETURN VALVE                      | 70-0511 | 1   |
| 24               | NON-RETURN VALVE SPRING                     | 46-1332 | 1   |
| 25               | HOSE BARB (SEE KIT 70-0510)                 | 46-0869 | 1   |
| 26               | O-RING (SEE KIT 70-0510 AND 70-0293)        | 25-0371 | 1   |
| 27               | BALL (SEE KIT 70-0510 AND 70-0293)          | 8-0521  | 1   |
| 28               | SPRING (SEE KIT 70-0510 AND 70-0293)        | 8-0520  | 1   |
| 29               | BARB SEAT (SEE KIT 70-0510)                 | 46-1643 | 1   |
| 30               | OUTLET FITTING (SEE KIT 70-0510)            | 46-1642 | 1   |
| 31               | SPRING (SEE KIT 70-0657)                    | 46-1604 | 1   |
| 32               | O-RING (SEE KIT 70-0657)                    | 25-0690 | 1   |
| 33               | SPRING BASE (SEE KIT 70-0657)               | 46-1603 | 1   |
| 34               | O-RING (SEE KIT 70-0657)                    | 25-0689 | 1   |
| 35               | PLUG (SEE KIT 70-0657)                      | 39-0378 | 1   |
| 36               | WATER SEAL (SEE KIT 70-0515)                | SEE KIT | 3   |
| 37               | WATER SEAL WASHER (SEE KIT 70-0515)         | SEE KIT | 3   |
| 38               | O-RING (SEE KIT 70-0515)                    | SEE KIT | 3   |
| 39               | LOCATING RING                               | 46-1586 | 3   |
| 40               | O-RING (SEE KIT 70-0515)                    | SEE KIT | 3   |
| 41               | OIL SEAL                                    | 26-0325 | 3   |
| 42               | PLUNGER SPRING                              | 46-1615 | 3   |
| 43               | PISTON                                      | 46-1587 | 3   |
| 44               | SPRING RETAINER                             | 46-1616 | 3   |
|                  |                                             |         |     |

| REPLACEMENT KITS |                        |                           |                  |                |
|------------------|------------------------|---------------------------|------------------|----------------|
| KIT #            | DESCRIPTION            | ITEMS                     | # OF ASSEMBLIES  | # OF CYLINDERS |
| 70-0293          | KIT - INJECTOR         | 26-28                     | 1                | -              |
| 70-0510          | KIT - OUTLET/BARB      | 9, 25, 26, 27, 28, 29, 30 | 3, 1, 1, 1, 1, 1 | -              |
| 70-0512          | KIT - INLET PLUG       | 11                        | 3                | 3              |
| 70-0515          | KIT - PACKINGS         | 36, 37, 38, 40            | 3, 3, 3, 3       | 3              |
| 70-0516          | KIT - VALVES W/ O-RING | 12                        | 6                | 3              |
| 70-0657          | KIT - EZ START         | 31-35                     | 1                | -              |

# PUMP ASSEMBLY 3-0436



| TORQUE SPECIFICATIONS |        |    |
|-----------------------|--------|----|
| POSITION              | FT-LBS | NM |
| 1                     | 14.7   | 20 |
| 8                     | 22.1   | 30 |
| 16                    | 14.7   | 20 |
| 17                    | 14.7   | 20 |



For parts Call 888-279-9274

3-0436 113017 CH

| 3-0436 113017 CH |                                             |         |     |
|------------------|---------------------------------------------|---------|-----|
| PUMP ASSEMBLY    |                                             |         |     |
| ITEM             | DESCRIPTION                                 | PART #  | QTY |
| 1                | BOLT                                        | 27-8433 | 4   |
| 2                | FLANGE                                      | 46-1330 | 1   |
| 3                | O-RING                                      | 25-0605 | 1   |
| 4                | OIL SEAL                                    | 26-0320 | 1   |
| 5                | REAR BEARING                                | 48-0103 | 1   |
| 6                | WOBBLE PLATE                                | 46-1612 | 1   |
| 7                | FRONT BEARING                               | 48-0104 | 1   |
| 8                | PLUG                                        | 39-0233 | 2   |
| 9                | O-RING (SEE KIT 70-0692)                    | 25-0606 | 9   |
| 10               | CRANKCASE                                   | 46-1613 | 1   |
| 11               | KIT - INLET PLUG ASSEMBLY (SEE KIT 70-0512) | 70-0512 | 3   |
| 12               | VALVE ASSEMBLY (SEE KIT 70-0516)            | 70-0516 | 6   |
| 13               | PLUG                                        | 39-0377 | 1   |
| 14               | O-RING                                      | 25-0687 | 1   |
| 15               | KIT - COMPLETE UNLOADER                     | 70-0646 | 1   |
| 16               | PLUG                                        | 39-0372 | 4   |
| 17               | HEAD BOLT                                   | 27-0905 | 4   |
| 18               | FILTER                                      | 19-0001 | 1   |
| 19               | KIT- INLET ASSEMBLY                         | 70-0514 | 1   |
| 20               | THERMAL RELIEF VALVE                        | 22-0408 | 1   |
| 21               | INLET BODY SEAL                             | 26-0327 | 1   |
| 22               | PUMP HEAD                                   | 46-1614 | 1   |
| 23               | KIT - NON-RETURN VALVE                      | 70-0511 | 1   |
| 24               | NON-RETURN VALVE SPRING                     | 46-1332 | 1   |
| 25               | HOSE BARB (SEE KIT 70-0692)                 | 46-0869 | 1   |
| 26               | O-RING (SEE KIT 70-0293 AND 70-0692)        | 25-0371 | 1   |
| 27               | BALL (SEE KIT 70-0293 AND 70-0692)          | 8-0521  | 1   |
| 28               | SPRING (SEE KIT 70-0293 AND 70-0692)        | 8-0520  | 1   |
| 29               | BARB SEAT (SEE KIT 70-0692)                 | 46-1643 | 1   |
| 30               | OUTLET FITTING (SEE KIT 70-0692)            | SEE KIT | 1   |
| 31               | SPRING (SEE KIT 70-0657)                    | 46-1604 | 1   |
| 32               | O-RING (SEE KIT 70-0657)                    | 25-0690 | 1   |
| 33               | SPRING BASE (SEE KIT 70-0657)               | 46-1603 | 1   |
| 34               | O-RING (SEE KIT 70-0657)                    | 25-0689 | 1   |
| 35               | PLUG (SEE KIT 70-0657)                      | 39-0378 | 1   |
| 36               | WATER SEAL (SEE KIT 70-0515)                | SEE KIT | 3   |
| 37               | WATER SEAL WASHER (SEE KIT 70-0515)         | SEE KIT | 3   |
| 38               | O-RING (SEE KIT 70-0515)                    | SEE KIT | 3   |
| 39               | LOCATING RING                               | 46-1586 | 3   |
| 40               | O-RING (SEE KIT 70-0515)                    | SEE KIT | 3   |
| 41               | OIL SEAL                                    | 26-0325 | 3   |
| 42               | PLUNGER SPRING                              | 46-1615 | 3   |
| 43               | PISTON                                      | 46-1587 | 3   |
| 44               | SPRING RETAINER                             | 46-1616 | 3   |

| REPLACEMENT KITS |                        |                           |                  |                |
|------------------|------------------------|---------------------------|------------------|----------------|
| KIT #            | DESCRIPTION            | ITEMS                     | # OF ASSEMBLIES  | # OF CYLINDERS |
| 70-0293          | KIT - INJECTOR         | 26-28                     | 1                | -              |
| 70-0692          | KIT - OUTLET/BARB      | 9, 25, 26, 27, 28, 29, 30 | 3, 1, 1, 1, 1, 1 | -              |
| 70-0512          | KIT - INLET PLUG       | 11                        | 3                | 3              |
| 70-0515          | KIT - PACKINGS         | 36, 37, 38, 40            | 3, 3, 3, 3       | 3              |
| 70-0516          | KIT - VALVES W/ O-RING | 12                        | 6                | 3              |
| 70-0657          | KIT - EZ START         | 31-35                     | 1                | -              |

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