

# EXPLODED VIEW & PARTS LISTING

## Air Operated Double Diaphragm Pump

Model: NDP-25BPC FLANGE  
Model#: 853844



### To Purchase:

☎ 800-990-7867

✉ [sales@yamadapump.com](mailto:sales@yamadapump.com)

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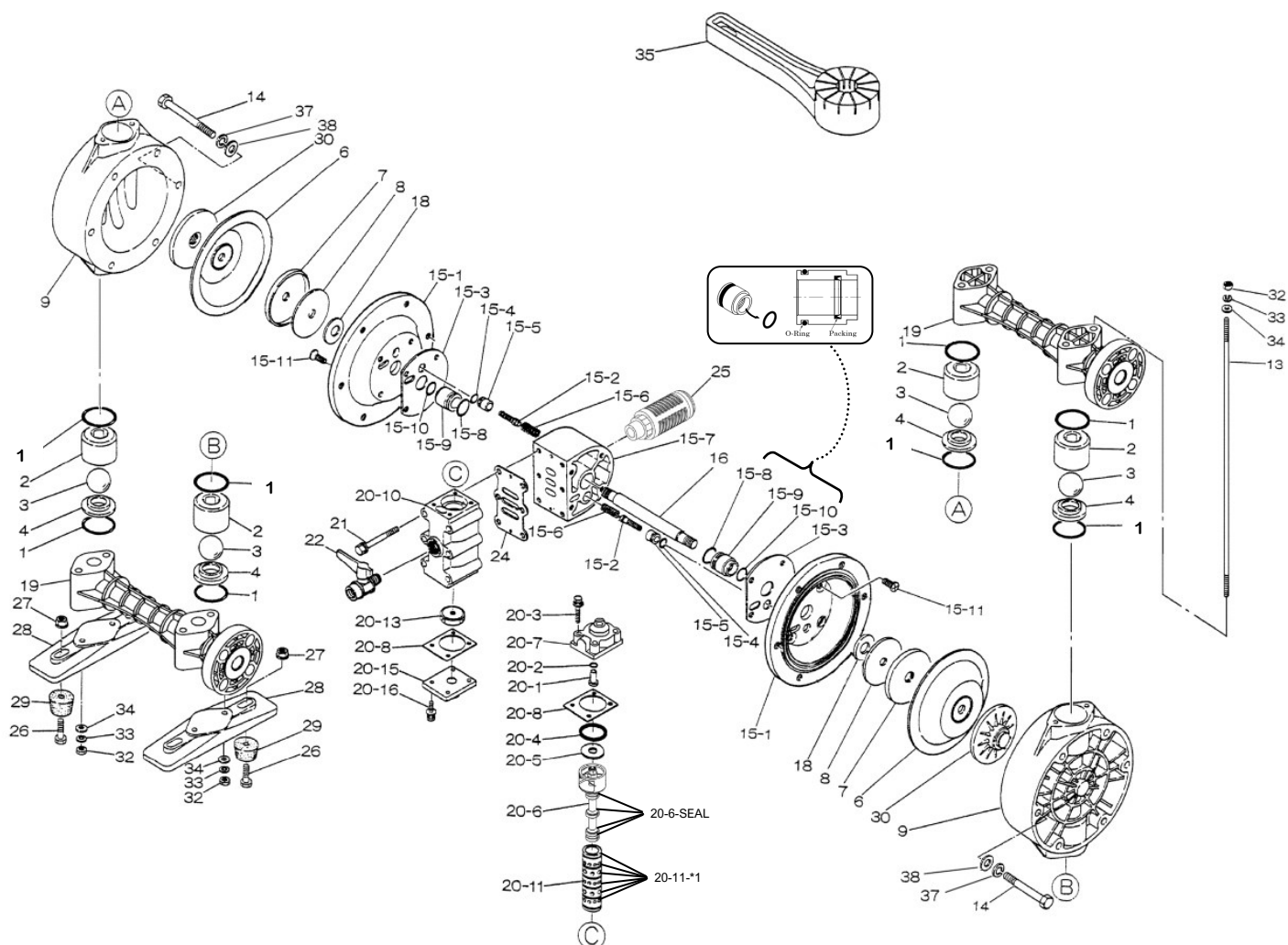
### More Information:

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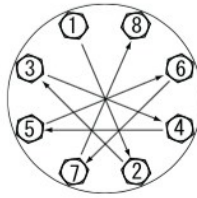
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### Trial Program



## Air Operated Double Diaphragm Pump

| REF. NO.  | PART NO. | DESCRIPTION               | QTY |
|-----------|----------|---------------------------|-----|
| 1         | 640042   | O-RING                    | 8   |
| 2         | 771231   | BALL GUIDE                | 4   |
| 3         | 770556   | BALL                      | 4   |
| 4         | 780138   | VALVE SEAT                | 4   |
| 6         | 772961   | DIAPHRAGM                 | 2   |
| 7         | 716258   | CENTER DISK (AIR SIDE)    | 2   |
| 8         | 716259   | WASHER (AIR SIDE)         | 2   |
| 9         | 780135   | OUT CHAMBER               | 2   |
| 13        | 710207   | TIE ROD                   | 4   |
| 14        | 621189   | BOLT                      | 12  |
| 15        | 804881   | CENTER BODY ASSY.         | 1   |
| 15- 1     | 715940   | AIR CHAMBER               | 2   |
| 15- 2     | 802360   | PILOT VALVE ASSY          | 2   |
| 15- 3     | 771057   | GASKET                    | 2   |
| 15- 4     | 640009   | O-RING                    | 2   |
| 15- 5     | 771945   | PILOT VALVE SEAT          | 2   |
| 15- 6     | 708666   | SPRING                    | 2   |
| 15- 7     | 711503   | BODY                      | 1   |
| 15- 8     | 685276   | O-RING                    | 2   |
| 15- 9     | 780324   | THROAT BEARING            | 2   |
| 15-10     | 685414   | V-PACKING                 | 2   |
| 15-11     | 682486   | BOLT W/ WASH              | 8   |
| 16        | 710271   | CENTER ROD                | 1   |
| 18        | 771054   | CUSHION                   | 2   |
| 19        | 780210   | MANIFOLD - FLG            | 2   |
| 20        | 802809   | AIR VALVE ASSY.           | 1   |
| 20- 1     | 709161   | RESET BUTTON              | 1   |
| 20- 2     | 640005   | O-RING                    | 1   |
| 20- 3     | 682704   | BOLT W/WASHER             | 4   |
| 20- 4     | 771241   | PACKING                   | 1   |
| 20- 5     | 715961   | WASHER                    | 1   |
| 20- 6     | 802400   | C SPOOL ASSY              | 1   |
| 20-6 seal | 771053   | SEAL RING                 | 5   |
| 20- 7     | 711219   | CAP A                     | 1   |
| 20- 8     | 771240   | GASKET                    | 2   |
| 20-10     | 711640   | VALVE BODY                | 1   |
| 20-11     | 803931   | SLEEVE ASSY               | 1   |
| 20-11-*1  | 771080   | O-RING                    | 6   |
| 20-13     | 771914   | CUSHION                   | 1   |
| 20-15     | 711212   | CAP B                     | 1   |
| 20-16     | 682262   | BOLT W/WASHER             | 4   |
| 21        | 682265   | BOLT W/WASHER             | 6   |
| 22        | 686970   | BALL VALVE                | 1   |
| 24        | 771056   | GASKET                    | 1   |
| 25        | 804697   | MUFFLER                   | 1   |
| 26        | 611153   | BOLT                      | 4   |
| 27        | 682276   | NUT W/ FLANGE             | 4   |
| 28        | 771235   | BASE                      | 2   |
| 29        | 770551   | FOOT RUBBER               | 4   |
| 30        | 780125   | CENTER DISK (LIQUID SIDE) | 2   |
| 32        | 687229   | NUT                       | 8   |
| 33        | 681300   | SPRING WASHER             | 8   |
| 34        | 631329   | FLAT WASHER               | 8   |
| 35        | 771244   | TOOL                      | 2   |
| 37        | 680257   | SPRING WASHER             | 12  |
| 38        | 631330   | FLAT WASHER               | 12  |
| KIT       | K25-PC   | LIQUID END KIT            |     |
| KIT       | K225-AM  | AIR MOTOR KIT             |     |


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**General Tools:**

- Socket wrenches - 10mm, 12mm, 13mm, 17mm, 22mm
- Hexagonal box wrench - 5mm
- Small crowbars - 2 (C/N/E/V)
- Open-end wrenches - 13mm

**Special Tools:**

- Sleeve remover (713148) (sold separately)

**Miscellaneous:**

- Nuts - M14x1.5
- Urea Grease Grade (NLGI) No. 2 for Center Rod (Ref# 16)
- Lubricants - Equivalent to (LOCTITE ANTI-SEIZE 767) for Nuts/Bolts

[CLICK HERE FOR MAINTENANCE MANUAL](#)
**Customer Notes**

Model #: \_\_\_\_\_  
 Description: \_\_\_\_\_  
 Serial #: \_\_\_\_\_  
 Date Installed: \_\_\_\_\_  
 Department Location: \_\_\_\_\_  
 Tag/Project: \_\_\_\_\_