

DURA-PUMP™ ASSEMBLY GUIDES

DP 4000 Series | DEF 2000 Series

Congratulations on your recent Dura Products purchase.

This guide will take you through the steps to easily assemble your device.



EASY CADDY

Instructions on page 2



QUICK CADDY

Instructions on page 3



TOP UNLOAD

Instructions on page 4



DURA PRODUCTS
Technology with Lasting Value

504 Demoss Ave | PO Box 380 | Arcadia, IN 46030 | (317) 984-4003 | www.DuraProducts.com

Dura Products, Inc.

DURA-PUMP™ EASY CADDY

DP 4000 Series | DEF 2000 Series

Contents:

- A** (1) Dura-Pump™
- B** (2) 1" Hose Barb
- C** (1) 1" x 5ft, 1.5m Suction Hose
- D** (4) 1" Hose Clamps
- E** (2) 90° Hose Barb
- F** (1) 2" Female Camlock
- G** (1) 2" x 1" Bushing
- H** (1) 1" x 12ft, 3.6m Discharge Hose
- I** (1) Ball Valve Nozzle
- J** (1) Caddy
- K** (3) Snap-pins (*not pictured*)
- L** (1) 1" Nipple
- M** (1) Dura-Meter™ (*optional*)

Tools Required:

1. 5/16 wrench or flat head screwdriver
2. Pipe thread sealant

For SIDE MOUNT Use:

Trim suction hose down to needed length to fit.

Suggested length of 22" for 275 cage tank.

ATTENTION

Apply an even coat of Thread Sealant on male threads. Hand tighten joints and torque another 1/2 to 3/4 turn until threads are sealed.

See page 1 for finished photo.

Suction Hose

(see illustration 1)

Step 1: Slide **C** onto **B** and tighten **D**

Step 2: Slide **E** into opposite end of **C** and tighten **D**

Step 3: Thread **F** onto **G**, then thread **G** onto **E**

Step 4: Thread **B** into suction side of **A**

SUCTION SIDE

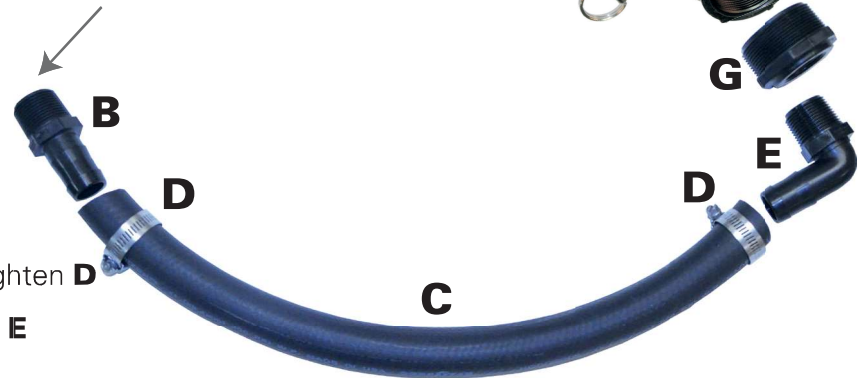


illustration 1

Discharge Hose

(see illustration 2)

Step 5: Thread **E** into the discharge side of **A**

Step 6: Slide end of **H** onto **E** and tighten **D**

Step 7: Slide **B** into opposite end of **H** and tighten **D**

If you have purchased a Dura-Meter™, skip Step 8 and proceed to Step 9.

Step 8: Thread **I** onto end of **B**

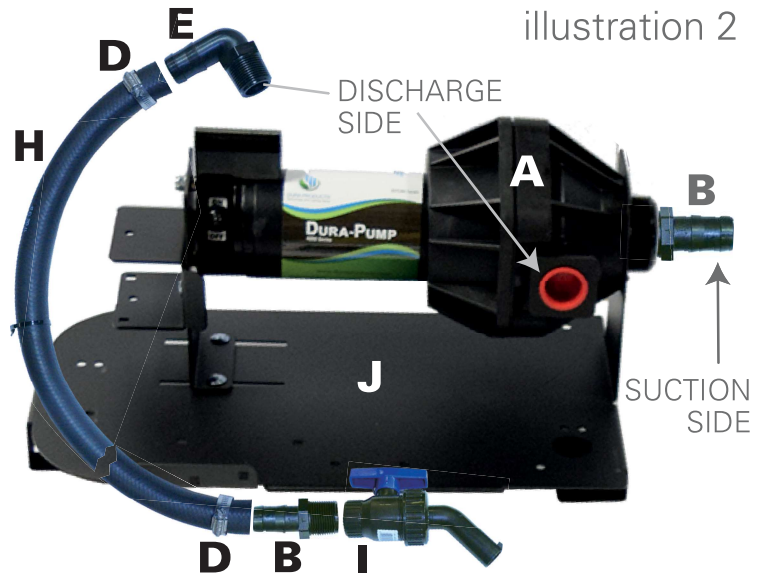


illustration 2

(Optional) Dura-Meter™

(see illustration 3)

Step 9: Thread **L** into right "OUT" port of **M**

Step 10: Thread left port of **M** onto **B**

Step 11: Thread **I** onto **L**



illustration 3

DURA-PUMP™ QUICK CADDY

DP 4000 Series | DEF 2000 Series

ATTENTION

Apply an even coat of Thread Sealant on male threads. Hand tighten joints and torque another 1/2 to 3/4 turn until threads are sealed.

Contents:

- | | |
|--|--|
| A (1) Dura-Pump™ | H (1) 1" x 12ft, 3.6m Discharge Hose |
| B (2) 90° Hose Barb | I (1) Ball Valve Nozzle |
| C (1) 1" x 5ft, 1.5m Suction Hose | J (3) Snap-pins <i>(not pictured)</i> |
| D (4) 1" Hose Clamps | K (1) Caddy |
| E (1) 2" Female Camlock | L (1) Dura-Meter™ <i>(optional)</i> |
| F (1) 2" x 1" Bushing | M (1) 1" Nipple |
| G (2) 1" Hose Barb | |

Tools Required:

1. 5/16 wrench or flat head screwdriver
2. Pipe thread sealant

See page 1 for finished photo.

Suction & Discharge Hoses

(see illustration 1)

- Step 1: Suction Hose:** Thread **B** into suction side of **A**
- Step 2:** Slide **C** onto **B** and tighten **D**
- Step 3:** Slide second **B** into opposite end of **C** tighten **D**
- Step 4:** Thread **F** into **E**
- Step 5:** Thread **F** onto **B**
- Step 6: Discharge Hose:** Screw **G** into discharge side of **A**
- Step 7:** Slide end of **H** onto **G** and tighten **D**
- Step 8:** Slide second **G** into opposite end of **H** and tighten **D**
- If you have purchased a Dura-Meter™, skip Step 9 and proceed to Step 10.*
- Step 9:** Thread **I** onto end of **G**

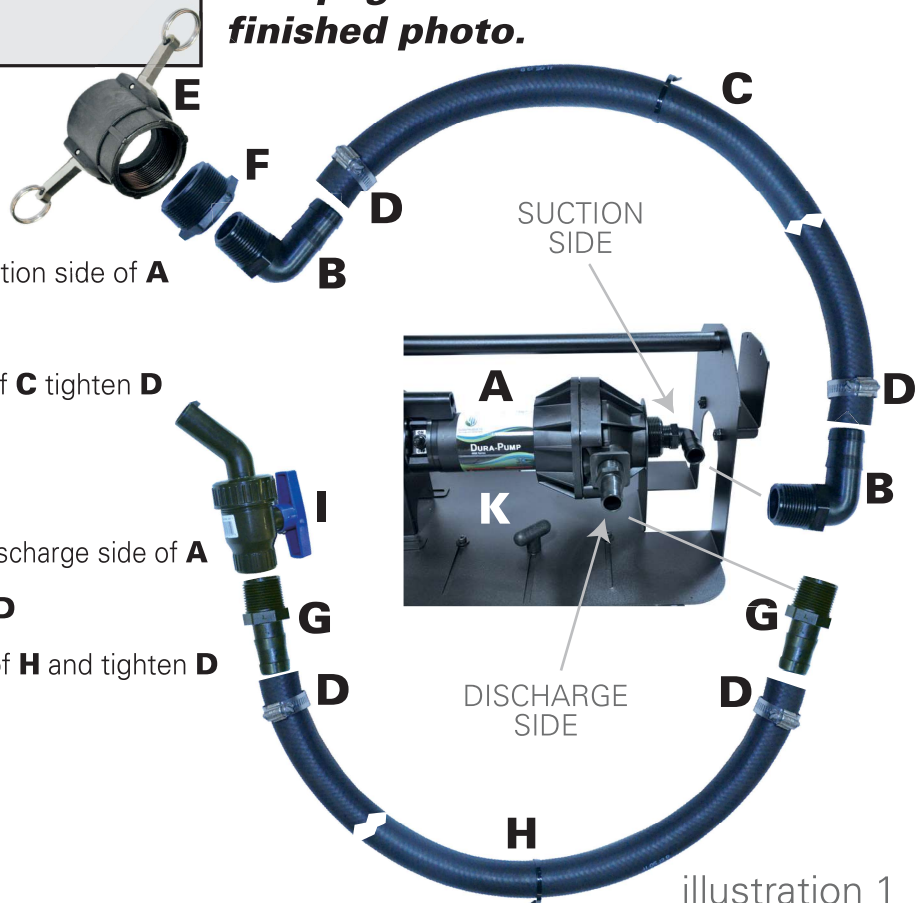


illustration 1

illustration 2

(Optional) Dura-Meter™

Meter can be plumbed in-line or mounted at the pump.

For in-line, follow Steps 10, 11 and 12 (see illustration 2)

- Step 10:** Thread **M** into right "OUT" port of **L**
- Step 11:** Thread left port of **L** onto **G**
- Step 12:** Thread **I** onto **M**



For pump mounting, follow Steps 13, 14 and 15 (no illustration)

- Step 13:** Remove the 1" plug from back port of **L** and thread **M** into back port
- Step 14:** Thread **G** into right "OUT" port of **L**
- Step 15:** Thread 1" plug into the left side of **L**

DURA-PUMP™ TOP UNLOAD

DP 4000 Series | DEF 2000 Series

Contents:

- A** (1) Dura-Pump™
- B** (1) 1" Dip Tube
- C** (2) 1" Hose Barbs
- D** (1) 1" x 12ft, 3.6m Discharge Hose
- E** (2) 1" Hose Clamps
- F** (1) Ball Valve Nozzle
- G** (1) Dura-Meter™ (optional)
- H** (1) 1" Nipple

Tools Required:

1. 5/16 wrench or flat head screwdriver
2. Pipe thread sealant

See page 1 for finished photo.

ATTENTION

Apply an even coat of Thread Sealant on male threads. Hand tighten joints and torque another 1/2 to 3/4 turn until threads are sealed.

Dip Tube & Discharge Hose

(see illustration 1)

Step 1: Thread **B** into the suction side of **A**

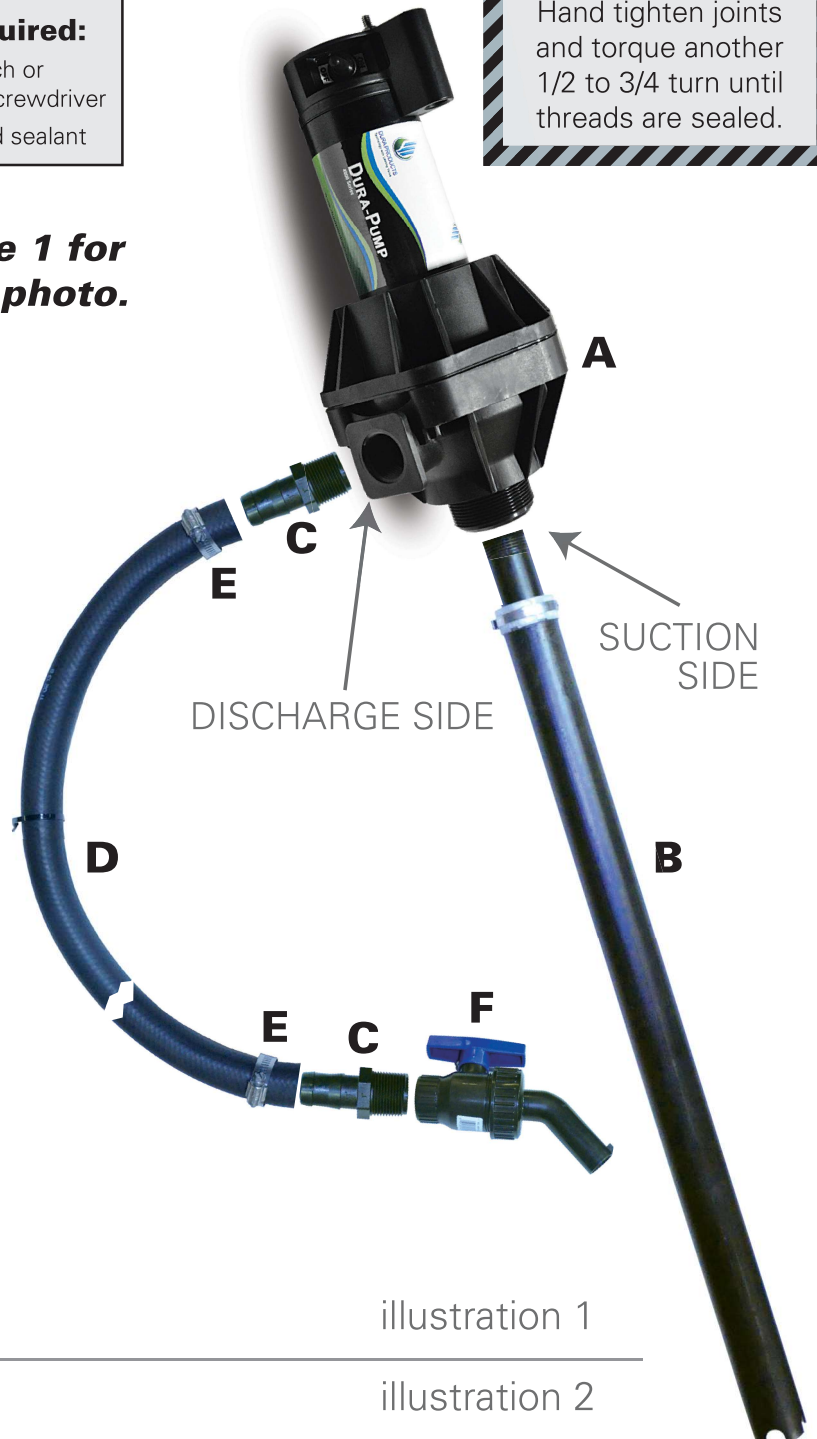
Step 2: Screw **C** into the discharge side of **A**

Step 3: Slide end of **D** onto **C** and tighten **E**

Step 4: Slide the second **C** into opposite end of **D** and tighten **E**

If you have purchased a Dura-Meter™, skip Step 5 and proceed to Step 6.

Step 5: Thread **F** onto end of **C**



(Optional) Dura-Meter™

(see illustration 2)

Step 6: Thread **H** into right "OUT" port of **G**

Step 7: Thread left port of **G** onto **C**

Step 8: Thread **F** onto **H**

