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

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QUICK CADDY

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DURA PRODUCTS
Technology with Lasting Value

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DURA-PUMP™ EASY 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™
- **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.

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**

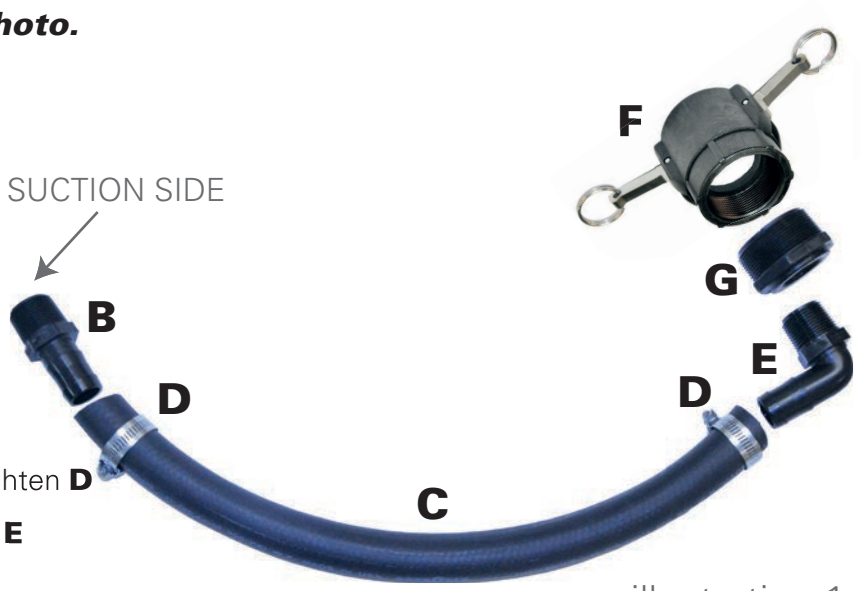


illustration 1

Discharge Hose

(see illustration 2)

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

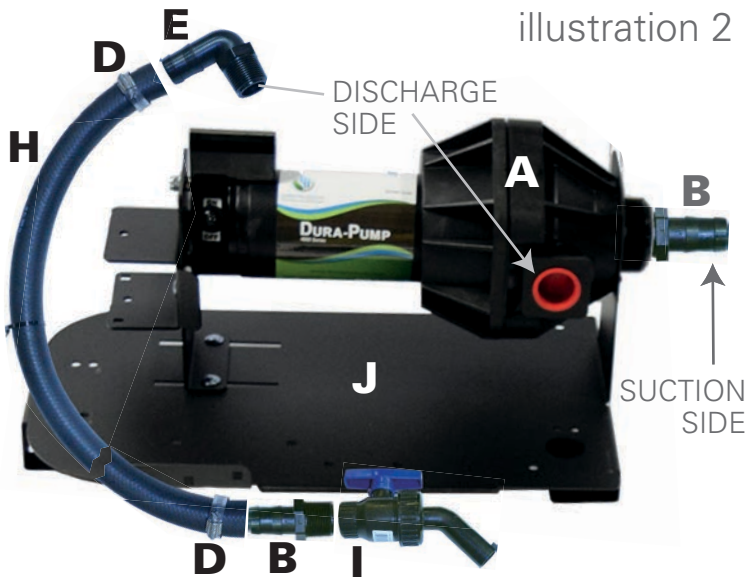
Step 6: Slide end of **H** onto **E** and tighten **D**

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

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**

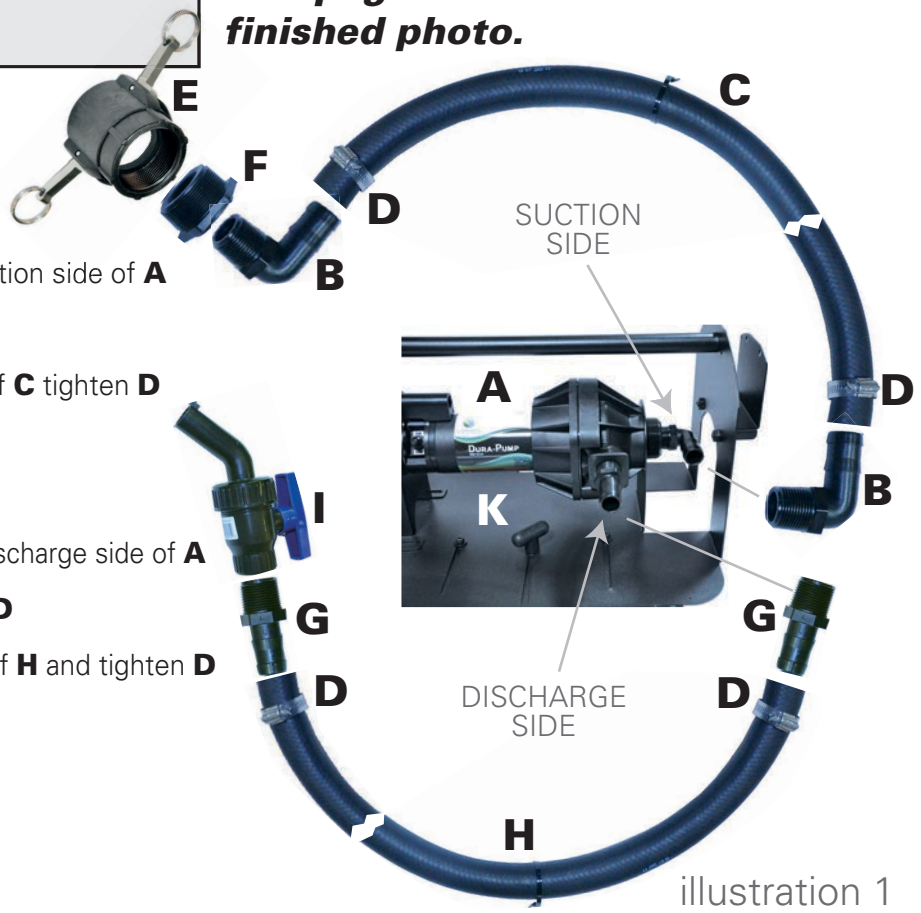


illustration 1

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

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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™
- **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.

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**

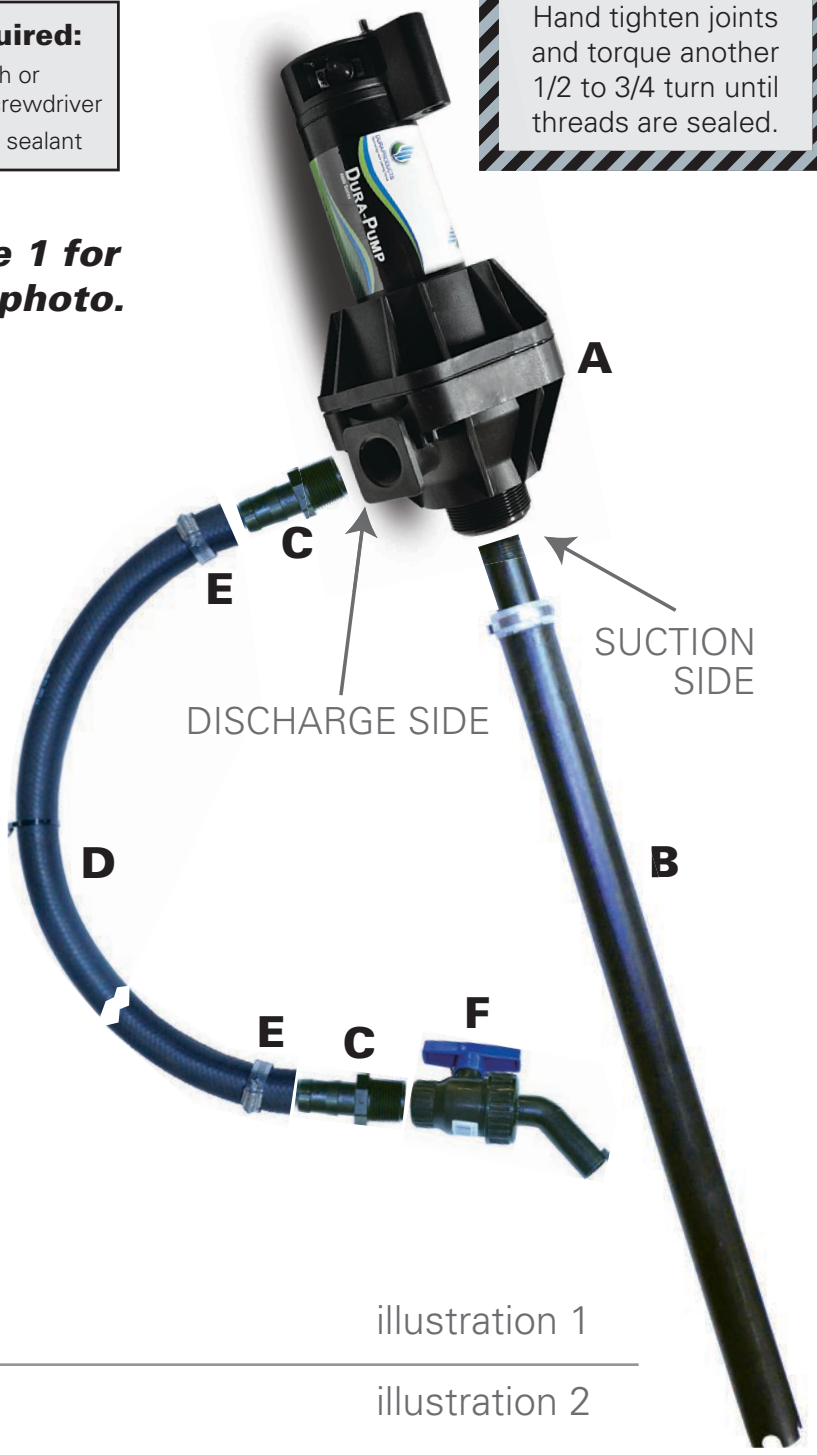

illustration 1

illustration 2

(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**