

DURA-PUMP™ ASSEMBLY GUIDES

DP 4000 Series • DEF 2000 Series • PM 1000 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

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DURA-PUMP™ EASY CADDY

DP 4000 Series • DEF 2000 Series • PM 1000 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 5' Suction Hose
- D** (4) 1" Hose Clamps
- E** (2) 90° Hose Barb
- F** (1) 2" Female Cam Lock
- G** (1) 2" x 1" Bushing
- H** (1) 1" x 12' Discharge Hose
- I** (1) Ball Valve Nozzle
- J** (1) Caddy
- K** (3) 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
3. WD-40 (optional)

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** into **G**, then thread **G** onto **E**

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

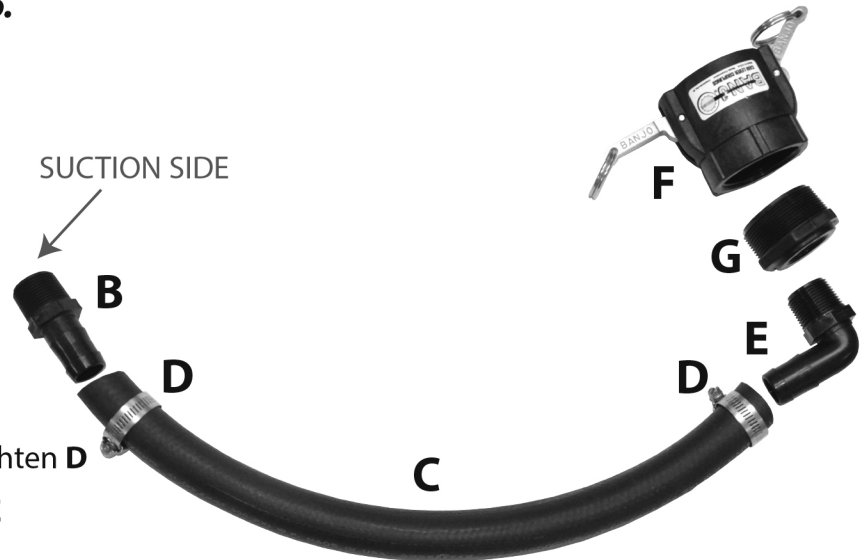


illustration 1

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**

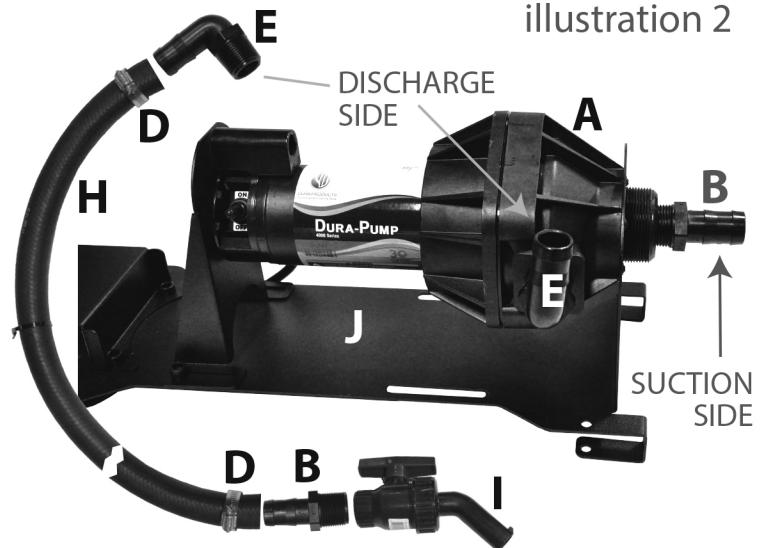


illustration 2

(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

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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™	H (1) 1" x 12' Discharge Hose
B (2) 90° Hose Barb	I (1) Ball Valve Nozzle
C (1) 1" x 5' Suction Hose	J (1) Dip Tube (Not Pictured)
D (4) 1" Hose Clamps	K (3) Pins (Not Pictured)
E (1) 2" Female Cam Lock	L (1) Caddy
F (1) 2" x 1" Bushing	M (1) Dura-Meter™ (Optional)
G (2) 1" Hose Barb	N (1) 1" Nipple

Tools Required:

1. 5/16 Wrench or flat head screwdriver
2. Pipe thread sealant
3. WD-40 (optional)

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** into **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**

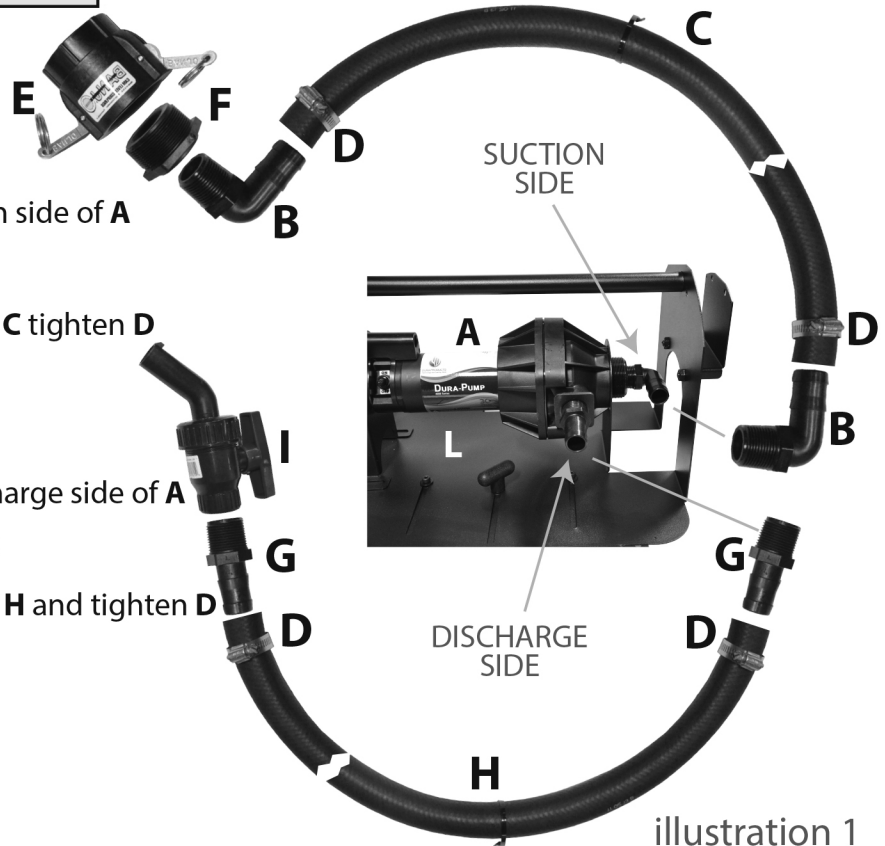


illustration 1

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 **N** into right "OUT" port of **M**

Step 11: Thread left port of **M** onto **G**

Step 12: Thread **I** onto **N**



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

Step 13: Remove the 1" plug from back port of **M** and thread **N** into back port

Step 14: Thread **G** into right "OUT" port of **M**

Step 15: Thread 1" plug into the left side of **M**

DURA-PUMP™ TOP UNLOAD

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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 12' 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
3. WD-40 (optional)

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**

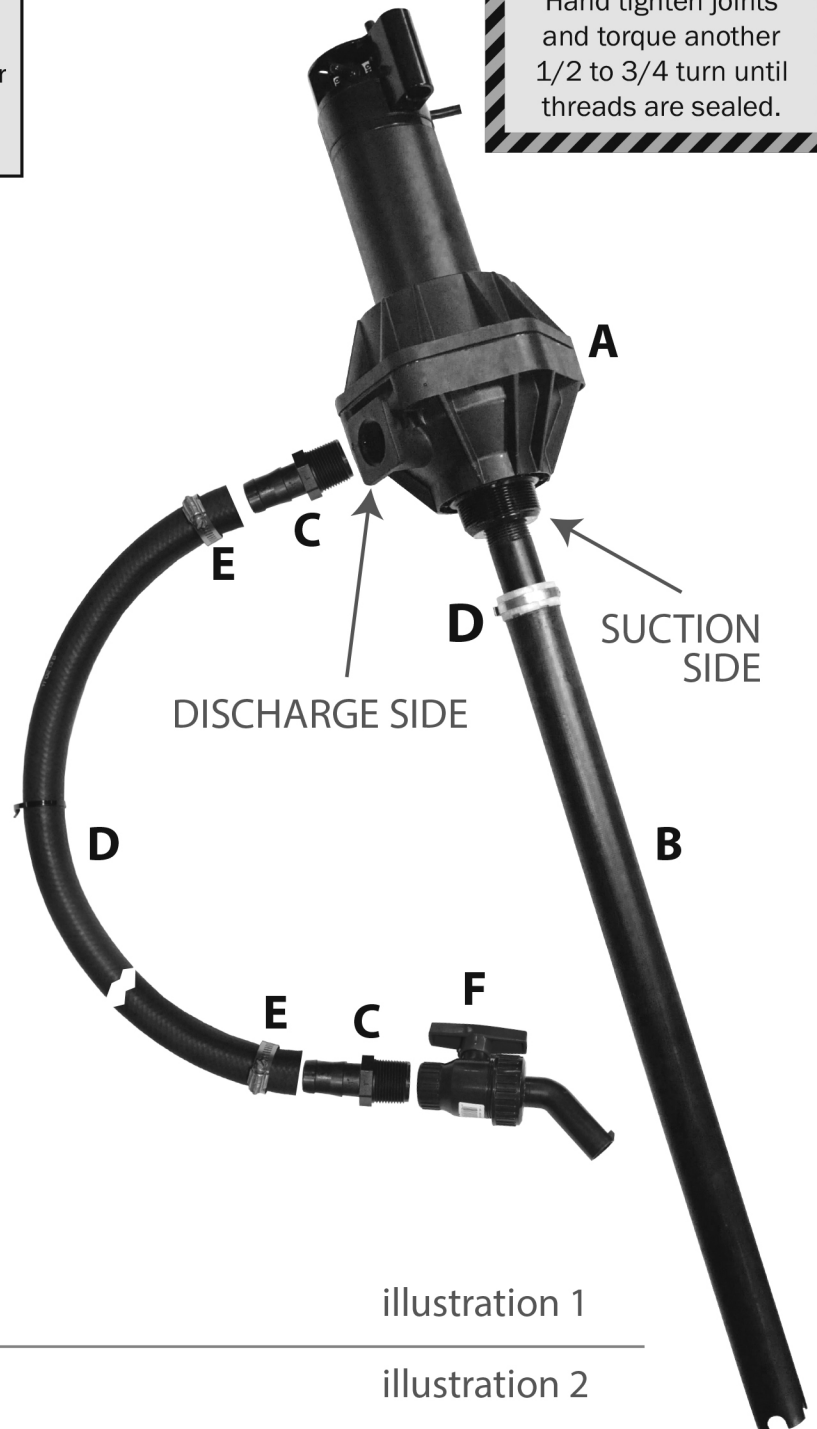


illustration 1

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**

