

# DURA AUTO-BATCH™ DIRECT INJECTION

## 2" SYSTEM WITH 2" GAUGE KIT ASSEMBLY GUIDE

### NOTICE

- Always turn pump off and disconnect system from power when not in use.
- Never leave unattended while in use.
- Always close manual valves at the bottom of the system when not in use.



### SYSTEM CONTAINS

QTY	DESCRIPTION
1-4	Dura Auto-Batch™ Direct Injection
1-4 1 PER DURA-ABS™	2" Accessory Kit
1	2" Gauge Kit
1	DI Frame

Shown with  
(4) Auto-Batch Direct Injection  
(4) 2" Kits and  
(1) 2" Gauge Kit



**DURA PRODUCTS**  
Technology with Lasting Value

# Dura Auto-Batch™ Direct Injection 2" System with 2" Gauge Kit

## Parts A-S:

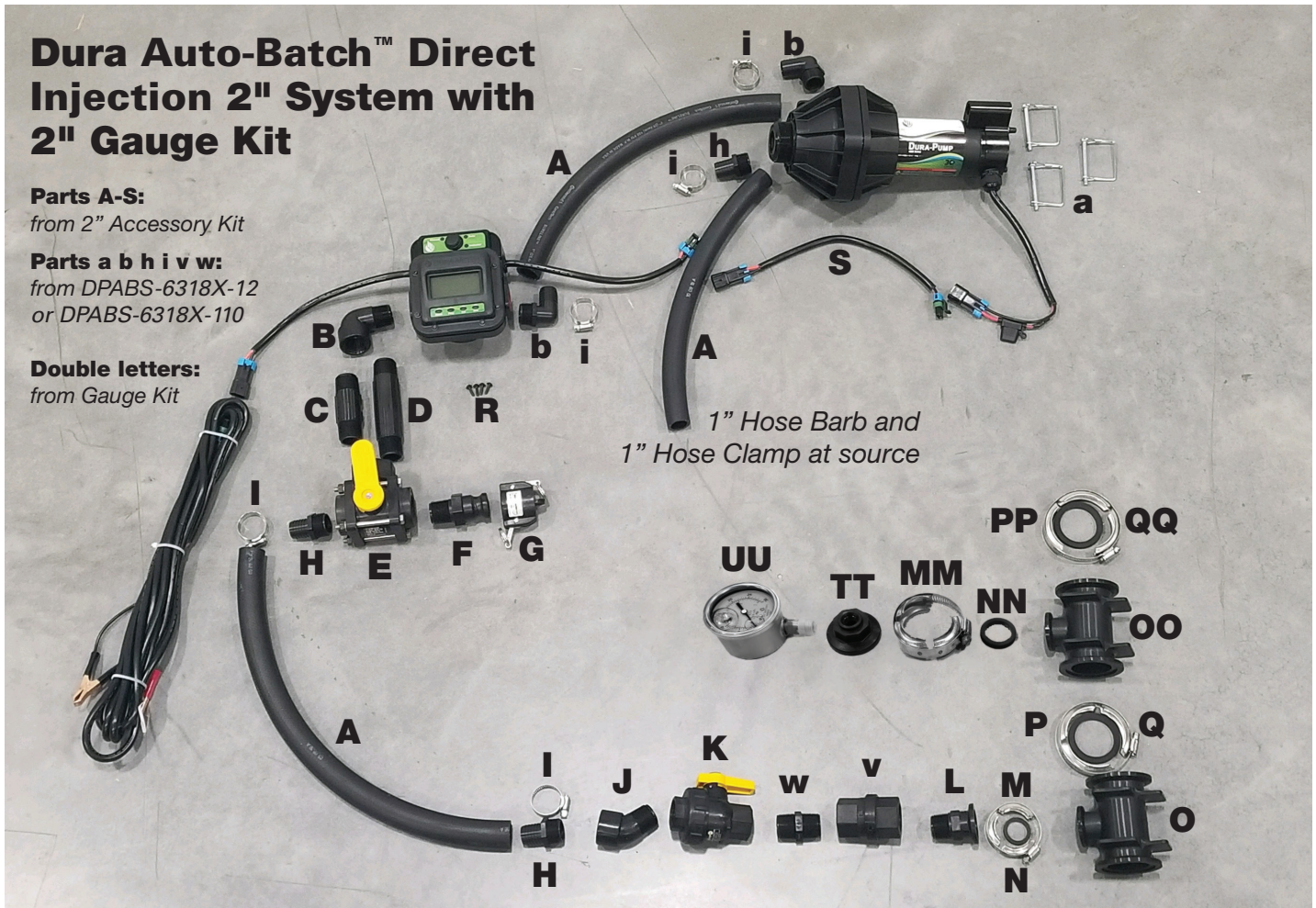
from 2" Accessory Kit

## Parts a b h i v w:

from DPABS-6318X-12  
or DPABS-6318X-110

## Double letters:

from Gauge Kit



## Dura Auto-Batch™ Direct Injection 2" Accessory Kit Includes:

	QTY	PART #	DESCRIPTION
<b>A</b>	5	DP-T4003	1" EPDM Hose
<b>B</b>	1	DP-BAN4001	1" Street Elbow – 90-degree
<b>C</b>	1	DP-TMNIP100-4	1" x 4" Poly Nipple
<b>D</b>	1	DP-TMNIP100-6	1" x 6" Poly Nipple
<b>E</b>	1	V100SL	Banjo 1" 3-Way Side Load Poly Valve
<b>F</b>	1	DP-TM100F	1" Male Adapter – 1" Male Thread
<b>G</b>	1	DP-TM100125CAP	1" Cap X Male Adapter Poly Cam Lever Coupling
<b>H</b>	2	DP-TM10PHB	1" Poly Hose Barb
<b>I</b>	2	DP-HC1000	1" Hose Clamp
<b>J</b>	1	DP-BANSL100-45	Banjo 1" Poly Street Elbow-45 Degree
<b>K</b>	1	DP-TM4002	1" Full Port Valve
<b>L</b>	1	DP-TMM100MPT	1" Flange x 1" Male Thread (NPT)
<b>M</b>	1	DP-BANFC100	100 Series 1" Worm Screw Clamp
<b>N</b>	1	DP-BANM100G	1" EPDM Manifold Gasket
<b>O</b>	1	DP-BANM220100TEE	2" Full Port Flanged Tee x 1" Flanged Tee
<b>P</b>	1	DP-BANFC220	220 Series 2" Worm Screw Clamp
<b>Q</b>	1	DP-TM200G	220 Series 2" Full Port EPDM Gasket
<b>R</b>	4	DP-ATF 45x1.63x14.5	Torx Screw
<b>S</b>	1	PUMP/METER PIGTAIL DI SYSTEM	Pigtail / Meter-to-Pump (for 12 volt systems)

## Dura Auto-Batch™ Direct Injection 2" Gauge Kit Includes:

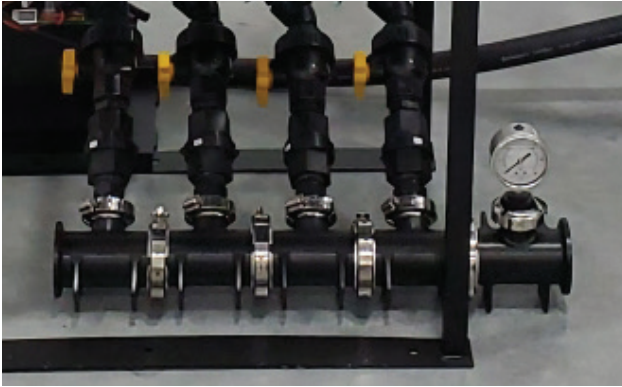
	QTY	PART #	DESCRIPTION
<b>MM</b>	1	DP-BANFC100	100 Series 1" Worm Screw Clamp
<b>NN</b>	1	DP-BANM100G	1" EPDM Manifold Gasket
<b>OO</b>	1	DP-BANM220100TEE	2" Full Port Flanged Tee x 1" Flanged Tee
<b>PP</b>	1	DP-BANFC220	220 Series 2" Worm Screw Clamp
<b>QQ</b>	1	DP-BTM200G	220 Series 2" Full Port EPDM Gasket
<b>TT</b>	1	DP-TMM100PLG025	1" Flange plug with ¼" FPT
<b>UU</b>	1	DP-P4045 DI-Gauge	Pressure Gauge, 30 PSI Max 2 ½"

**NOTE: Parts from the two Accessory Bags in the Pump System box along with parts from the 2" DI Accessory Kit will be used to assemble entire set-up.**

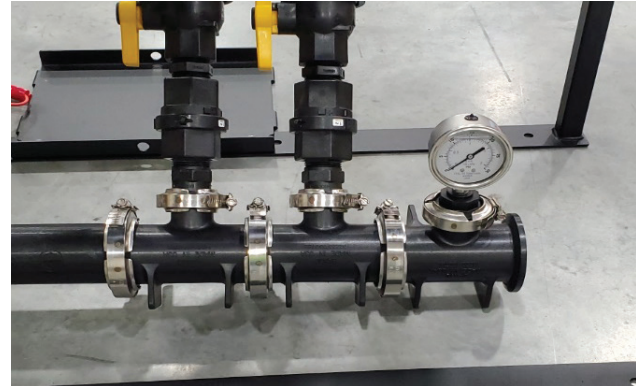
## Assembly Steps for 2" Auto-Batch™ Direct Injection System

1. Unpack DI Frame from box.
2. Assemble Meter Dashboard to frame using the 4 Hex bolts and nuts.
3. Insert 2 tube caps on front corners of the frame.
4. Place Battery Plate on left rear side of the frame, tighten with 2 Hex nuts. (12 volt systems)
5. Unpack Pump System(s).
6. Using Instruction sheet from the DP-AB001 Accessory Bag (included in the pump box), plumb the pump.
7. Place pump into the Direct Injection frame, secure using 3 snap pins **a**. Two in front, one in the rear.
8. Attach **B** to outlet of the meter.
9. Attach either **C** or **D** to **B**.
  - a. For position 1 and 2 on dashboard, use **C**.
  - b. For position 3 and 4 on dashboard, use **D**.
10. Attach 1" Elbow Hose Barb **b** to the inlet of the meter.
11. Attach meter to the Meter Dashboard using 4 Torx screws **R**.
12. Insert **S** between pump power cord and the meter power cord. (12 volt systems)
13. Attach **E** to **C** or **D**.
14. Attach **F** to the top of **E**.
15. Place **G** on top of **F**.
16. Insert **H** into bottom of the **E**.
17. Attach **A** from inlet of meter **b** to outlet of pump **b**. Tighten with clamps **i**. Can cut hose to length.
18. Starting from Manifold
  - Attach **O** to **L** using parts **M** & **N**.
  - Attach 1" Check Valve **v**, make sure arrow on check valve points toward **O**.
  - Attach 1" Poly Nipple **w** to Check Valve **v**.
  - Attach Ball Valve **K**
  - Attach **J** to **K**.
  - Attach **I** to **J**.
19. To attach Gauge kit to Manifold
  - Attach **O** to **OO** using parts **P** & **Q**.
  - Attach **TT** to **OO** using parts **MM** & **NN**.
  - Attach **UU** to **TT**.
  - Attach **PP** and **QQ** to outlet of **OO**.
20. Attach 1" hose from bottom of **E** to manifold, tighten with clamps **I**.
21. Attach long power cord from meter to battery. (12 volt systems)





Dura Auto-Batch™ Direct Injection 2” Kit Assembly



Dura Auto-Batch™ Direct Injection 2” Gauge Assembly



Dura Auto-Batch™ Direct Injection 3” Kit Assembly



Dura Auto-Batch™ Direct Injection 3” Gauge Assembly

You may also view assembly videos on our website.

[www.DuraProducts.com](http://www.DuraProducts.com)

Click on the **“Videos”** tab at the top of the page and wait for the page to load.  
Then scroll down and select the **“Dura DI Direct Injection Assembly Video”** link to view.  
Or scan the QR code below.

