

# DURA AUTO-BATCH™ DIRECT INJECTION

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



| SYSTEM CONTAINS           |                                   |
|---------------------------|-----------------------------------|
| QTY                       | DESCRIPTION                       |
| 1-4                       | Dura Auto-Batch™ Direct Injection |
| 1-4<br>1 PER<br>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*



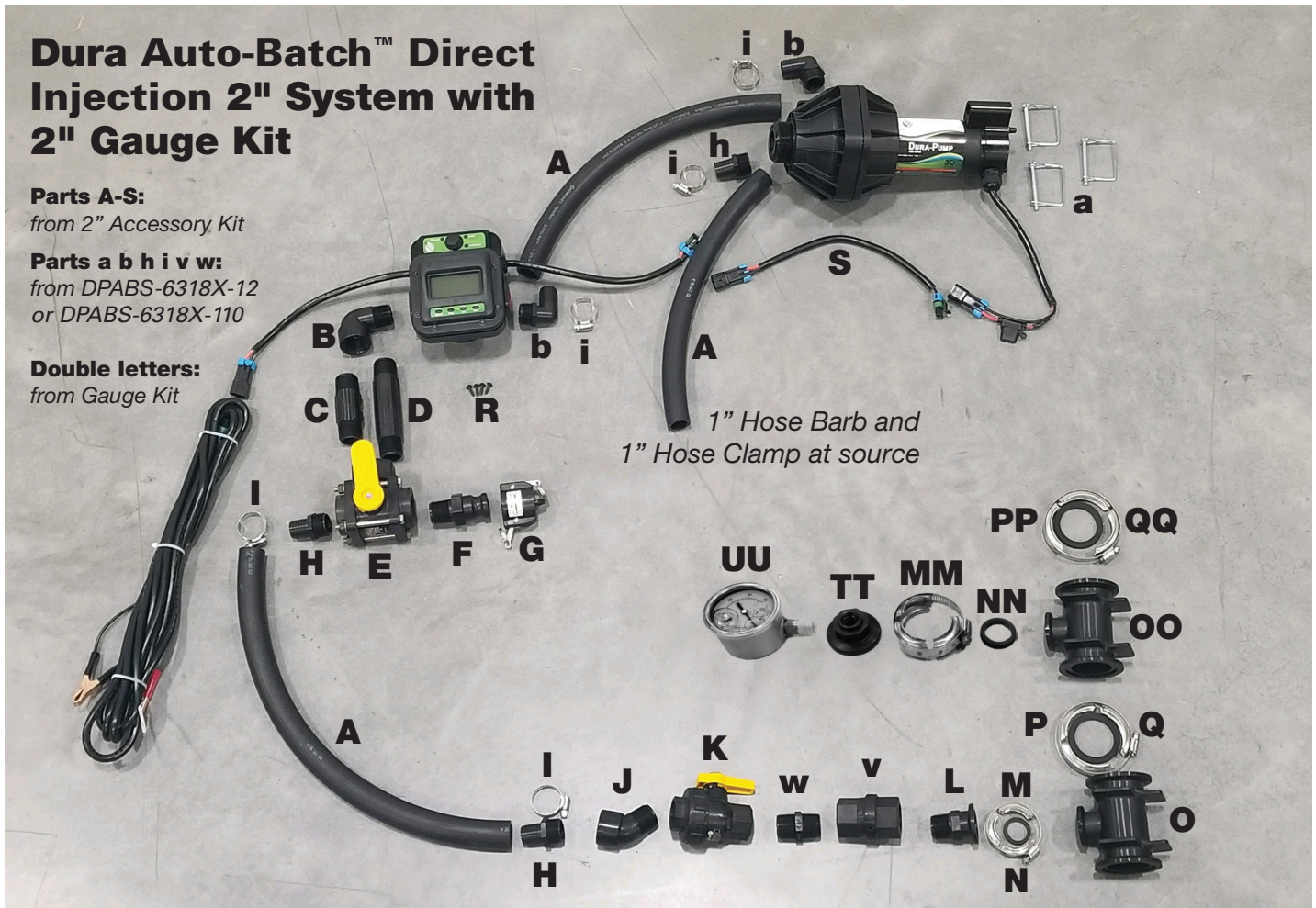
**DURA PRODUCTS**  
Technology with Lasting Value

# 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   | SP-LWA-PM1PM-3D2    | Pigtail / Meter-to-Pump (for 12 volt systems) |

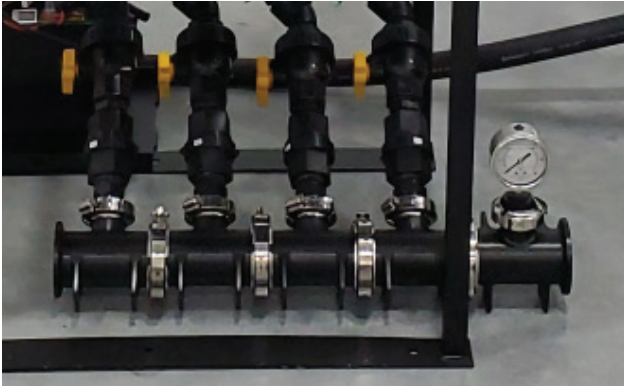
## Dura Auto-Batch™ Direct Injection 2" Gauge Kit Includes:

|           | 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"           |

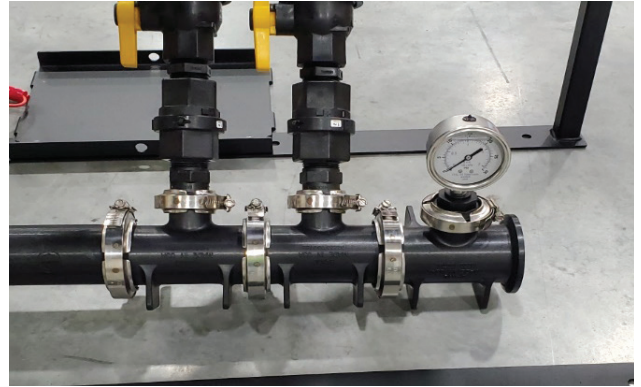
**NOTE: Parts from the two Accessory Bags in the Pump System box along with parts from the 2" DI Accessory Kit will be used to assemble entire set-up.**

## 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.

