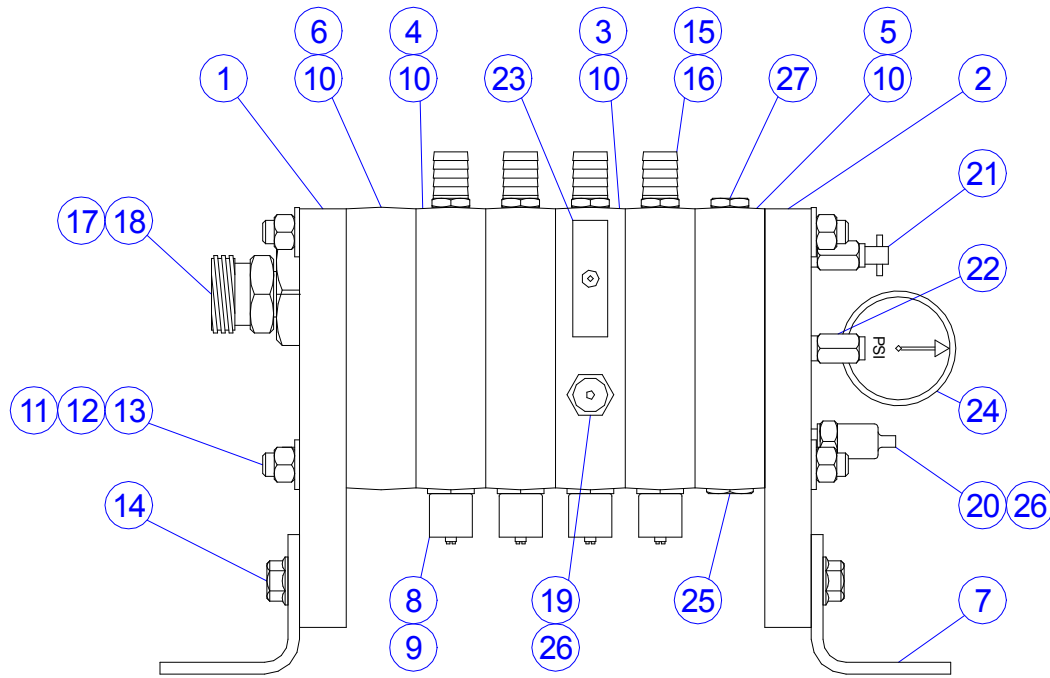


| REV | DESCRIPTION        | DATE     | BY  |
|-----|--------------------|----------|-----|
| A   | Production Release | 05/01/03 | JJG |
| B   | Was 1115 Manifold  | 9/30/11  | RDC |
|     |                    |          |     |



| ID | PART NUMBER | DESCRIPTION                | QTY |
|----|-------------|----------------------------|-----|
| 1  | 620100-001  | Inlet Flange, Plated       | 1   |
| 2  | 620101-001  | End Flange, Plated         | 1   |
| 3  | 620104-001  | Slice, Master              | 1   |
| 4  | 620103-001  | Slice, Dual Port           | 8   |
| 5  | 620140-001  | Slice, Single Port         | 0   |
| 6  | 620139-001  | Slice, Spacer              | 0   |
| 7  | 620106-001  | Bracket, Mounting, Plated  | 2   |
| 8  | 621010-001  | Valve Assembly, 7W, 3/32"  | 0   |
| 9  | 621011-001  | Valve Assembly, 12W, 5/32" | 18  |
| 10 | 620112-001  | O-Ring, 4x136mm, Buna-N    | 10  |
| 11 | 620109-007  | Rod, Threaded 1/2-20x17.5" | 4   |
| 12 | 620110-001  | Nut, 1/2-20, Gr 8          | 8   |
| 13 | 620111-001  | Washer, Flat, M12          | 8   |
| 14 | 620186-001  | Bolt, 1/2-13 x 1.25, Gr 8  | 4   |
| 15 | 620117-002  | Fitting, 1/2"HB x 1/2"MNPT | 0   |
| 16 | 620117-004  | Fitting, 1/2"HB x 3/4"MNPT | 18  |
| 17 | 620118-001  | Strainer, 100 Mesh         | 1   |
| 18 | 620136-001  | Fitting, 2-1/4" ACME       | 1   |
| 19 | 620162-001  | Pressure Sensor, 50psi     | 0   |
| 20 | 620121-001  | Pressure Sensor, 100psi    | 0   |
| 21 | 620123-001  | Valve, Bleeder             | 1   |
| 22 | 620122-001  | Valve, Relief, 312psi      | 1   |
| 23 | 620124-001  | Pressure Gauge, 60psi      | 0   |
| 24 | 620125-001  | Pressure Gauge, 400psi     | 0   |
| 25 | 620126-001  | Plug, Valve, w/O-Rings     | 0   |
| 26 | 620143-001  | Plug, 1/4" MNPT            | 5   |
| 27 | 620144-001  | Plug, 1/2" MNPT            | 0   |
| 28 | 620155-001  | Decal, Safety, N-Ject      | 3   |
| 29 |             |                            |     |

Note 1: Torque Rods Evenly, to 50 ft-lbs, at 70F, Lightly Oiled.  
Note 2: Use Pipe Thread Sealant on all NPT Threads.  
Note 3: Leak Test with Air @ 100psi.

**CAPSTAN AG SYSTEMS, INC.**  
101 N. KANSAS AVE., TOPEKA, KS 66603

Manifold Assembly  
N-Ject 1815

| DATE     | BY  | SCALE | PAGE   | SIZE |
|----------|-----|-------|--------|------|
| 10/31/00 | JJG | NONE  | 1 OF 1 | A    |

**650116-001**