



NEPTUNE®

Neptune Technology Group Inc.



Double Check T-10 Parts List

5/8" T-10 Double Check Backflow Meter

Item	L/C	Part No.	Description	Qty	Price
1	P	8579-308	Retaining Ring, End Plate	2	3.40
2	P	11918-002	Knob, Shut-Off	2	.50
3	P	8579-037	Retaining Ring, Stem	2	.90
5	P	8316-121	O'ring, End Plate	2	.90
6	P	8316-046	O'ring, Stem	2	.20
7	P	8316-120	O'ring, Housing	4	1.40
8	P	11937-001	Stem	2	3.30
9	A	11950-000	Poppet Valve Assembly	2	4.10
10	A	11951-000	Shut-Off Valve Assembly	2	7.90
11	P	11922-001	Housing, Universal	3	1.20
12	P	11923-001	Hoop, Test Port	2	.60
13	P	8356-534	Spring	2	.70
14	P	11925-001	Housing, Single	1	N/A
15	P	11926-001	Retainer Guide, Spring	1	.70
16	P	11927-001	Strainer, 5/8" Meter/Backflow	1	.60
17	P	8368-816	Test Cock	4	8.60
18	P	7985-032	Label Plate	1	N/A
19	P	11972-001	Retainer Plate, Check #2	1	.30
20	P	8315-023	Pipe Plug, 1/4" NPT, Plastic	4	.20
21	P	8340-028	Gasket	1	.40
22	P	9398-001	Liner	1	.70
23	P	9399-004	Strainer, 5/8" T-10	1	.70
25	A	9400-600	Chamber Assembly, 5/8" T-10	1	16.0
26	L	96018-069	Loctite 326	A/R	N/A
27	P	11917-00X	Maincase (See Spud Size table below)	1	N/A
28	P	9397-XXX	Bottom Cap (See Bottom Cap table below.)	1	*
29	P	8353-XXX	Bolt (See Bolt table below.)	4	*
30	P	17XX-XXX	Spud Cup (See Spud Cap table below)	2	N/A
31	P	11919-001	End Plate w/Hole	2	4.40
31	P	11919-101	End Plate w/ Hole, Silicon Brass	1	8.58
32	L	96018-070	Locquic 764 Primer N	A/R	N/A
33	L	96018-015	Aqua-Flow Lubricant	A/R	N/A
34	L	96018-056	Loctite 567	A/R	N/A
35	P	67946-004	Warning Tab (not shown)	1	N/A
36	A	11959-000	Inlet Module	1	29.80
37	A	11959-100	Check #1 Module	1	14.80
38	A	11959-200	Check #2 Module	1	14.40
39	A	11959-300	Outlet Module	1	27.40
N/A	P	5500-163	Check Valve Removal Tool (not shown)	1	93.90
N/A	P	11977-001	Rubber Repair Kit** (not shown)	1	20.10

* These parts are standard 5/8" T-10 water meter parts.

** Includes item 5 (qty 2), item 7 (qty 4) and item 9 (qty 2).

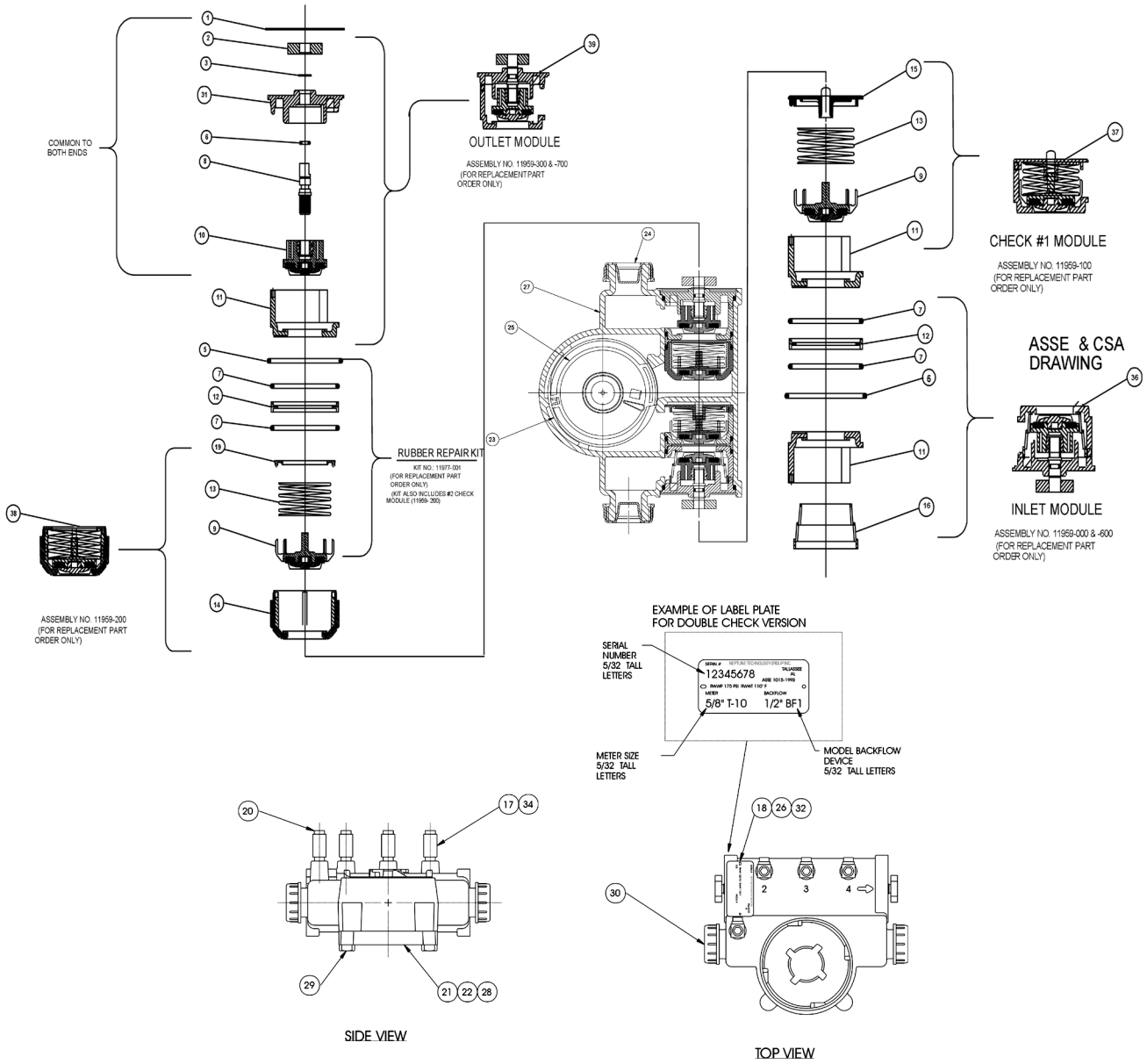
Spud Size	
1	11917-003
2	11917-004

Bottom Cap		
1	Cast Iron	9397-010
2	Bronze	9397-023
3	Plastic	9397-501

Bolt	
1	302 SST 8353-106
2	316 SST 8353-105

Spud Cap	
1	1788-008
2	1789-008

5/8" T-10 Double Check Backflow Meter Reference Schematics



Testing

Differential Gauge Method

To test check valve #1 (#2) for 1.0 psi in the direction of flow under normal no back pressure conditions.

The instructions for check valve #2 are provided in parentheses.

Before conducting testing, the customer should be contacted and a testing date scheduled. Just prior to testing, the customer should be notified that water service will be temporarily discontinued.

- 1 Verify that the appropriate backflow preventer is being tested and note the general conditions of the backflow preventer and the surrounding area.
- 2 Flush the testcocks. This is done to remove any lodged foreign materials that might interfere with the test.
- 3 Install flair fittings on testcock #2 and #3.
- 4 Maintain test kit and low pressure hose at **same level** as check valve. Close all needle valves.
- 5 Attach high pressure hose from test kit to testcock #2 (#3).
- 6 Close No. 2 shutoff valve (outlet).
- 7 Open testcock #2 (#3). Open the high bleed needle valve and bleed all air from hose and test kit. Close high bleed needle valve.
- 8 Close service shutoff valve; then close No.1 shutoff valve (inlet).
- 9 Open testcock #3 (#4),
- 10 Observe whether the needle on the gauge is maintained at 1.0 psi or above.
- 11 Record the results
- 12 Close testcocks #2 (#3) and #3 (#4); disconnect the high pressure hose, and **open No. 1 shutoff valve, No. 2 shutoff valve, before opening the service shutoff valve.**

Sight Tube Method

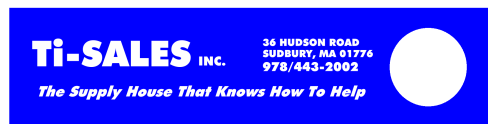
To test check valve #1 (#2) will hold back 1.0 psi in the direction of flow under normal no back-pressure conditions.

The instructions for check valve #2 are provided in parentheses.

Before conducting testing, the customer should be contacted and a testing date scheduled. Just prior to testing, the customer should be notified that water service will be temporarily discontinued.

- 1 Verify that the appropriate backflow preventer is being tested and note the general conditions of the backflow preventer and the surrounding area.
- 2 Flush the testcocks. This is done to remove any lodged foreign materials that might interfere with the test.
- 3 Install adapter (tee with ball valve) on testcock #2 (#3).
- 4 Attach a sight tube to testcock #2 (#3).
- 5 Attach a short sight tube or ell to test cock #3 (#4).
- 6 Close No. 2 shutoff valve (outlet).
- 7 Open testcock #2 (#3) and fill the sight tube so that the water level in the sight tube will be at least 28 inches above the water level at sight tube of ell attached to testcock #3 (#4). Close Testcock #2 (#3).
- 8 Close service shutoff valve; then close No. 1 shutoff valve (inlet).
- 9 Open testcock #3 (#4) and open testcock #2 (#3),
- 10 Observe whether the level in the sight tube is maintained at least 28 inches above water level at testcock #3 (#4).
- 11 Record the results.
- 12 Close testcocks #2 (#3) and #3 (#4); disconnect the sight tube, and **open No. 1 shutoff valve, No. 2 shutoff valve, before opening the service valve.**

For more information by fax, call Neptune FAX-BACK System: 1-800-823-4417 and select the document you wish to order.



Neptune Technology Group Inc.
1600 Alabama Highway 229
Tallahassee, AL 36078, USA
Tel: (800) 645-1892
Fax: (334) 283-7299

Neptune Technology Group Inc.
7275 West Credit Avenue
Mississauga, Ontario L5N 5M9, Canada
Tel: (905) 858-4211
Fax: (905) 858-0428

Neptune Technology Group Inc.
Via Gustavo Baz No. 29-C
Col. Naucalpan Centro
53000 Naucalpan, Estado de México
Tel: (525) 358-8737
Fax: (525) 576-1934