Form Number 3353-477 Rev B

Chemical Injection Kit
HydroJect® 3000 and 3010

Model No. 09830

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each Identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

© The Toro Company - 2009
All Rights Reserved

Register your product at www.Toro.com

Contents

Description	Page
Chemical Injection Assembly	 3
Chemical Mixer Assembly No. 93-1684 For use on Mixer's 2004 and before	 4
Chemical Mixer Assembly No. 107-2194 For use on Mixer's 2005 and after	 5

Part Description Abbreviations

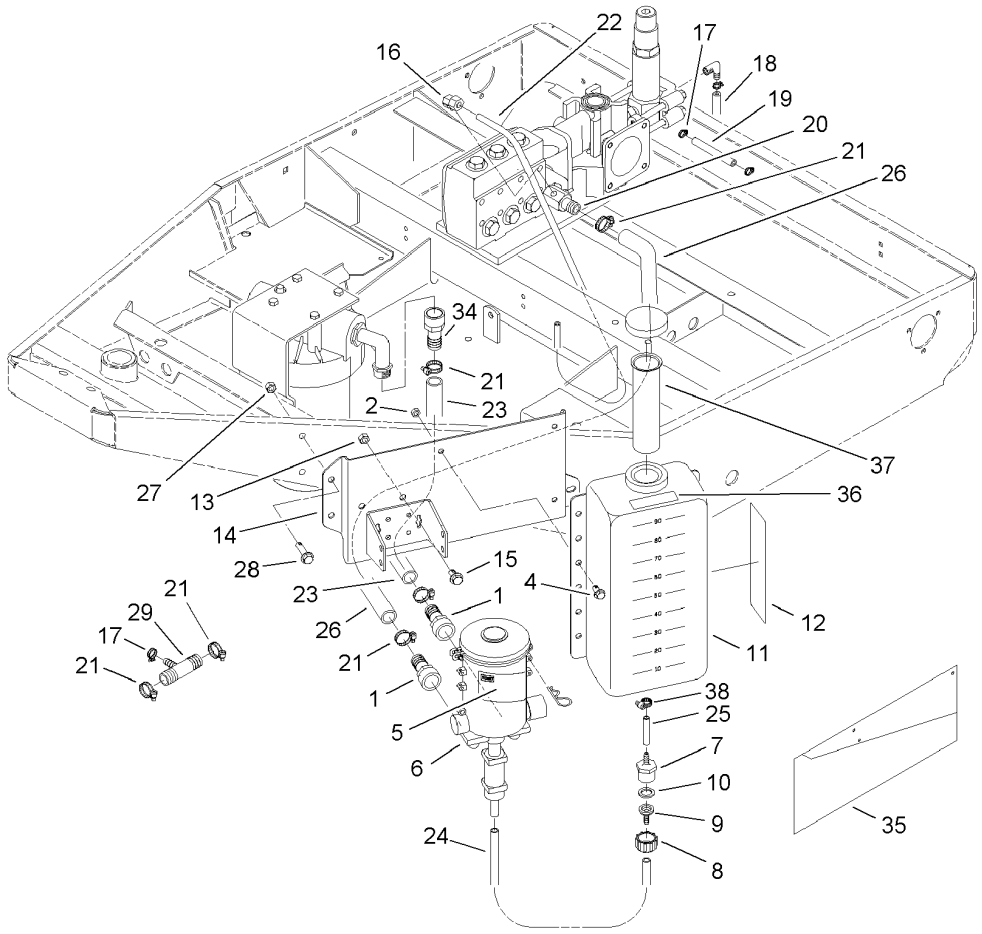
Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
CCW. . . . . counter clock wise
CW. . . . . clockwise
DEG. . . . . degrees
ECM. . . . . electronic control module
EXT. . . . . external
FH. . . . . flat head
GA. . . . . gauge
HD. . . . . heavy-duty
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HSBH. . . . . hex socket button head
HSFH. . . . . hex socket flat head
HSH. . . . . hex socket head
HWH. . . . . hex washer head
HWHTF. . . . . hex washer head thread forming
HYD. . . . . hydraulic
LH. . . . . left hand
NI. . . . . nylon insert
NPTF. . . . . national pipe thread fine
PFH. . . . . phillips flat head
PPH. . . . . phillips pan head
PPHTF. . . . . phillips pan head thread forming
PRH. . . . . phillips round head
PTH. . . . . phillips truss head
PTO. . . . . power-take-off
RH. . . . . right hand
ROPS. . . . . roll-over protection system
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard
TAP. . . . . self tapping
TTH. . . . . torx truss head

Footnotes

❶ Not illustrated

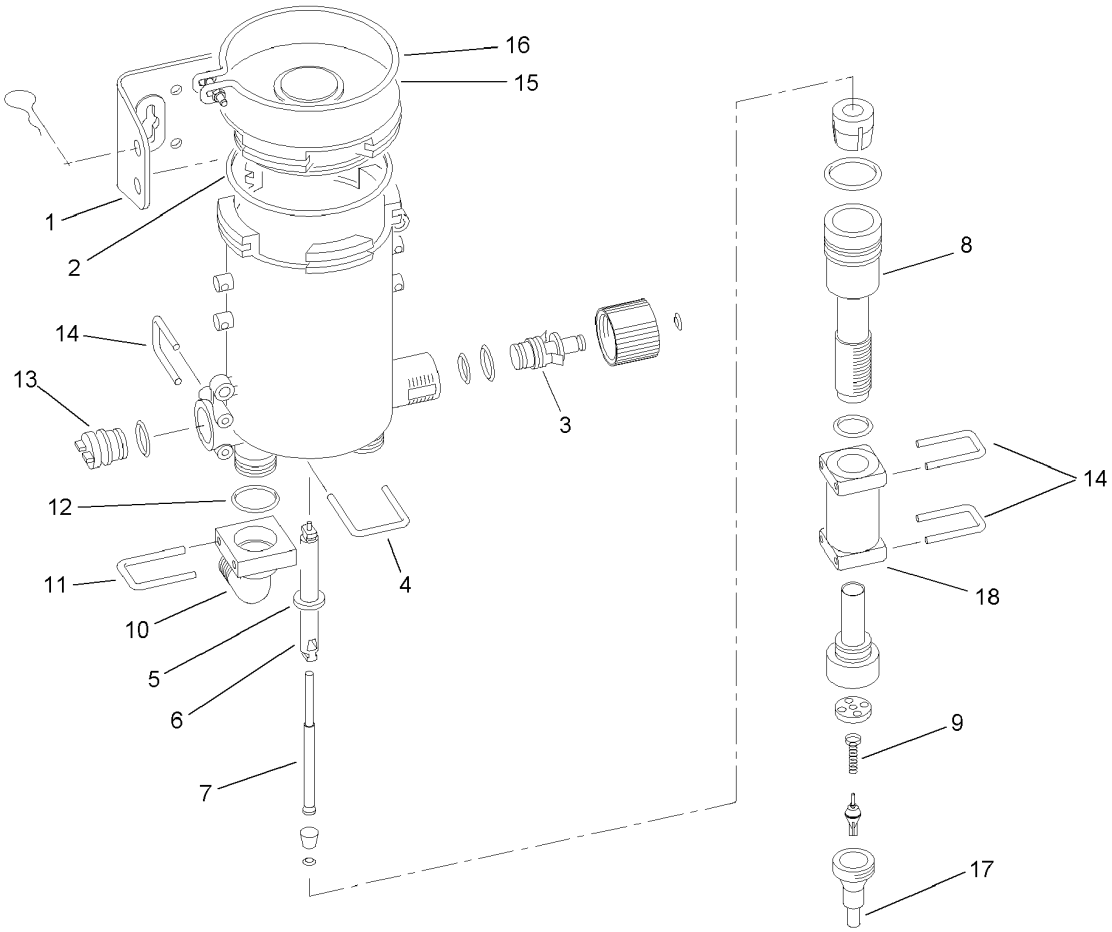
❷ Not serviced separately



Chemical Injection Assembly

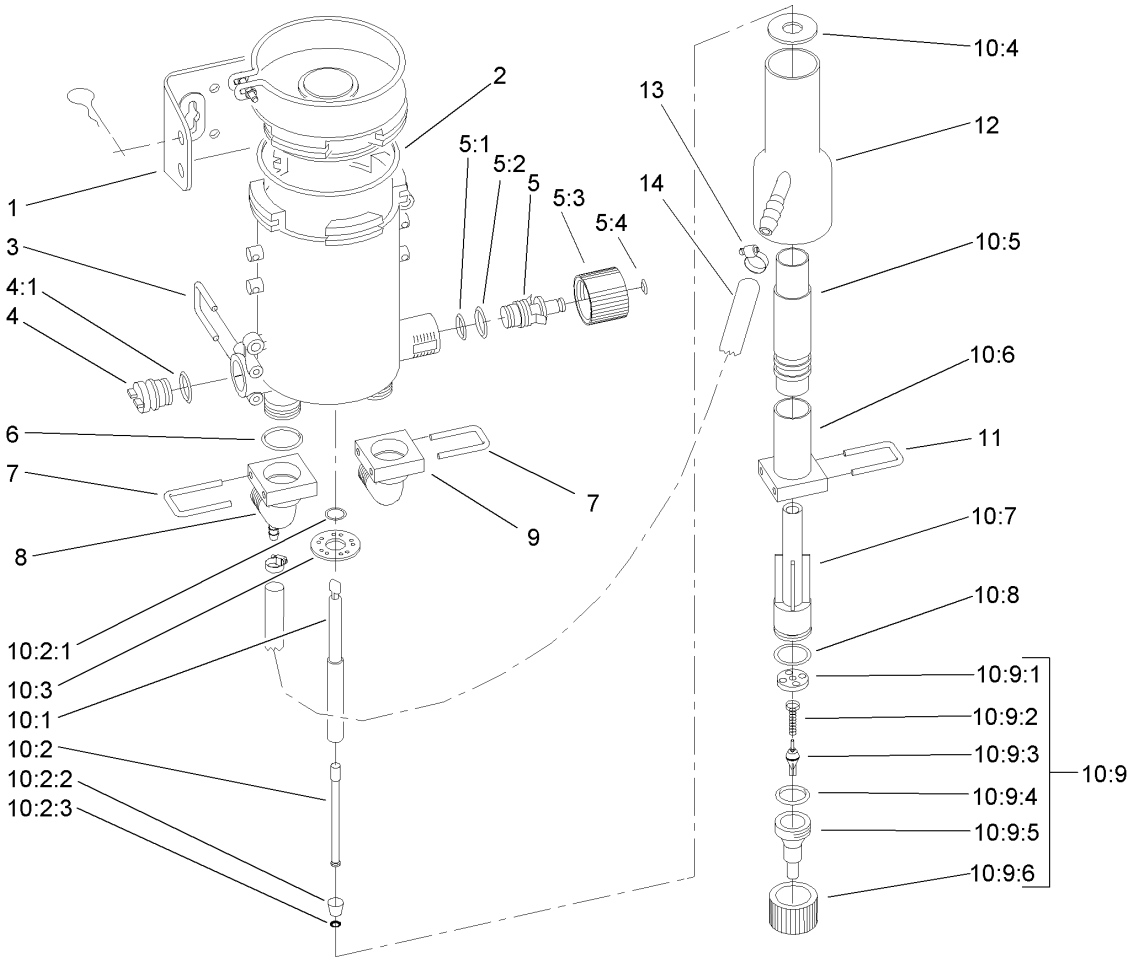
Ref	Part No.	Qty.	Description
1	93-1697	2	Fitting-Hose
2	3296-29	4	Nut-Lock, NI
4	3234-5	4	Screw-HHF
5	93-1687	1	Decal
6	107-2194	1	Chemical Mixer ASM
7	94-7447	1	Fitting-Hose
8	93-1699	1	Nut-Swivel
9	94-7446	1	Fitting-Hose
10	93-1698	1	Washer-Seal
11	93-1682	1	Tank
12	93-1695	1	Decal-Instruction
13	3296-39	2	Nut-Lock, NI
14	93-1685-01	1	Bracket-Tank
15	3234-1	2	Screw-HHF
16	354-101	1	Fitting
17	2412-108	4	Clamp-Worm
18	93-1694	1	Hose
19	80-7340	1	Hose ASM
20	94-6583	1	Adapter-Fitting
21	2412-129	6	Clamp-Hose
22	93-1690	1	Hose
23	80-6518	1	Hose
24	94-7257	1	Hose-Vinyl, Clear
25	93-1688	1	Hose

Ref	Part No.	Qty.	Description
26	93-1693	1	Hose
27	3296-39	3	Nut-Lock, NI
28	3234-18	3	Screw-HHF
29	94-6609	1	Fitting-Tee
34	93-1697	1	Fitting-Hose
35	93-4865	1	Template-Hole Location
36	94-9827	1	Decal-Important
37	94-9834	1	Screen-Filter
38	2412-108	1	Clamp-Worm



Chemical Mixer Assembly No. 93-1684
For use on Mixer's 2004 and before

Ref	Part No.	Qty.	Description
1	94-9813	1	Bracket-Mounting
2	94-9803	1	O-Ring
3	94-9810	1	Valve Bypass ASM
4	94-9806	1	Pin - Interlock Lg
5	94-9807	1	Q-Ring - Shaft
6	94-9811	1	Shaft ASM
7	94-9817	1	Shaft - Lower Dosage
8	94-9804	1	Cylinder - Dp
9	94-9815	1	Spring - Ball Check
10	94-9812	2	Elbow
11	94-9814	2	Pin
12	94-9816	2	O-Ring
13	94-9809	1	Cap-Check
14	94-9805	3	Pin
15	95-5673	1	Cover ASM
16	95-5674	1	Cover Band
17	95-5680	1	Fitting - Suction Tube
18	106-9657	1	Ratio Adjustment Sleeve



Chemical Mixer Assembly No. 107-2194
For use on Mixer's 2005 and after

Ref	Part No.	Qty.	Description
1	94-9813	1	Bracket-Mounting
2	94-9803	1	O-Ring
3	94-9805	1	Pin
4	94-9809	1	Cap-Check
❷4:1		1	Seal-Dust
5	94-9810	1	Valve Bypass ASM
❷5:1		1	Seal-Dust
❷5:2		1	Seal-Dust
❷5:3		1	Knob
❷5:4		1	Seal-Dust
6	94-9816	2	O-Ring
7	94-9814	2	Pin
8	107-2189	1	Elbow W/Barb
9	94-9812	1	Elbow
❶10	107-2190	1	Lower End Kit
❷10:1		1	Shaft-Upper
10:2	107-2191	1	Lower Shaft ASM
❷10:2:1		1	Seal-Dust
❷10:2:2		1	Piston-Dosage
❷10:2:3		1	Seal-Dust
❷10:3		1	Seal ASM
❷10:4		1	Washer
❷10:5		1	Cylinder-Outer
❷10:6		1	Ratio Adjustment

Ref	Part No.	Qty.	Description
❷10:7		1	Cylinder-Inner
❷10:8		1	Seal-Dust
10:9	107-2192	1	Suction Tube Fitting Kit
❷10:9:1		1	Twistlock
❷10:9:2		1	Spring-Check
❷10:9:3		1	Poppet ASM
❷10:9:4		1	Seal-Dust
❷10:9:5		1	Fitting-Tube, Suction
❷10:9:6		1	Nut
11	107-2193	1	Pin-Interlock
12	107-2195	1	Adaptor
13	2412-36	2	Clamp-Hose
14	108-9484	1	Hose And Spring ASM

NOTES

NOTES


TORO®