



Vibratory Plow Compact Utility Loaders

Model No. 22910 - 230000001 and up.

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.

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Part Description Abbreviations

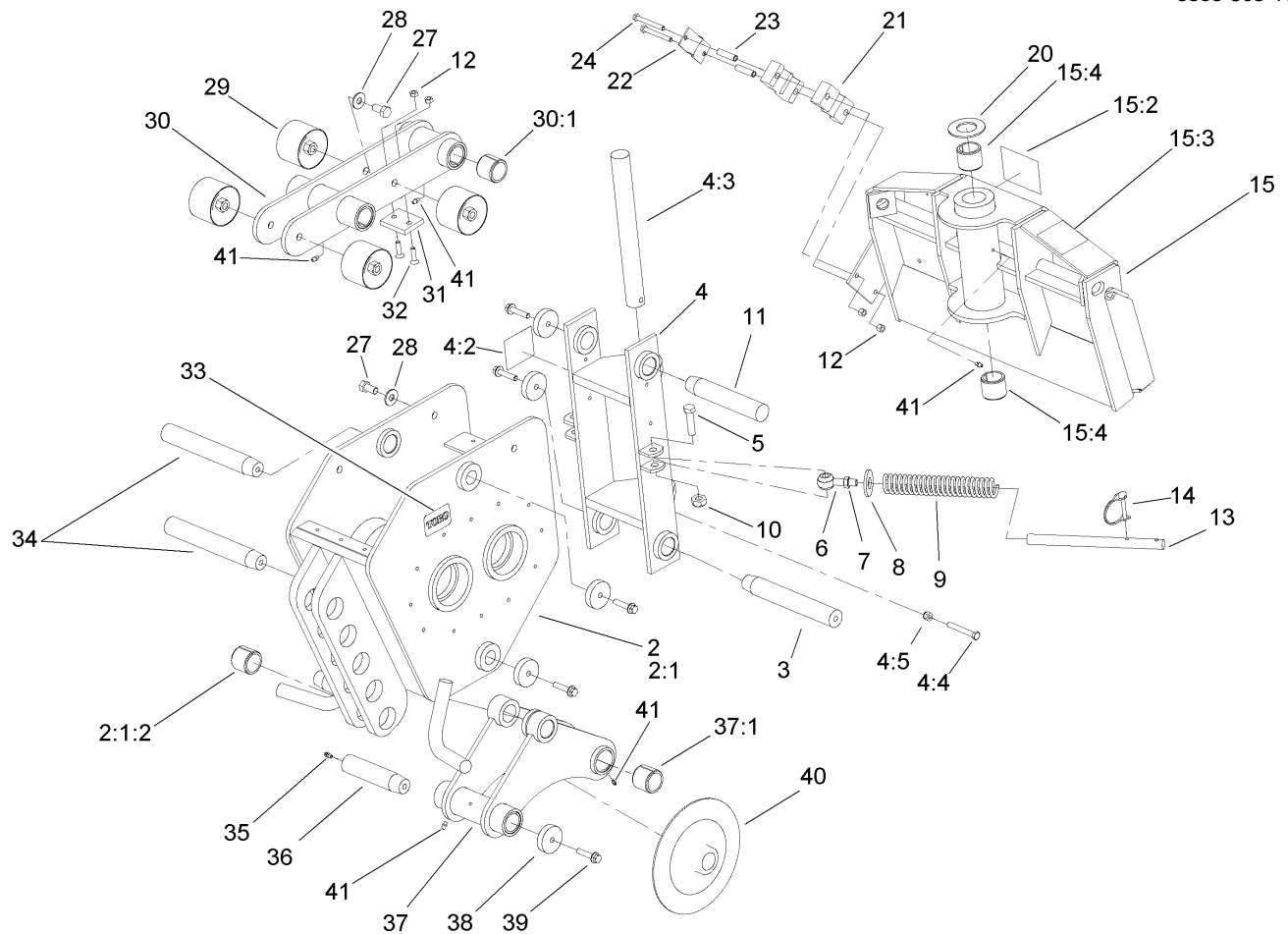
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

❶ Not illustrated

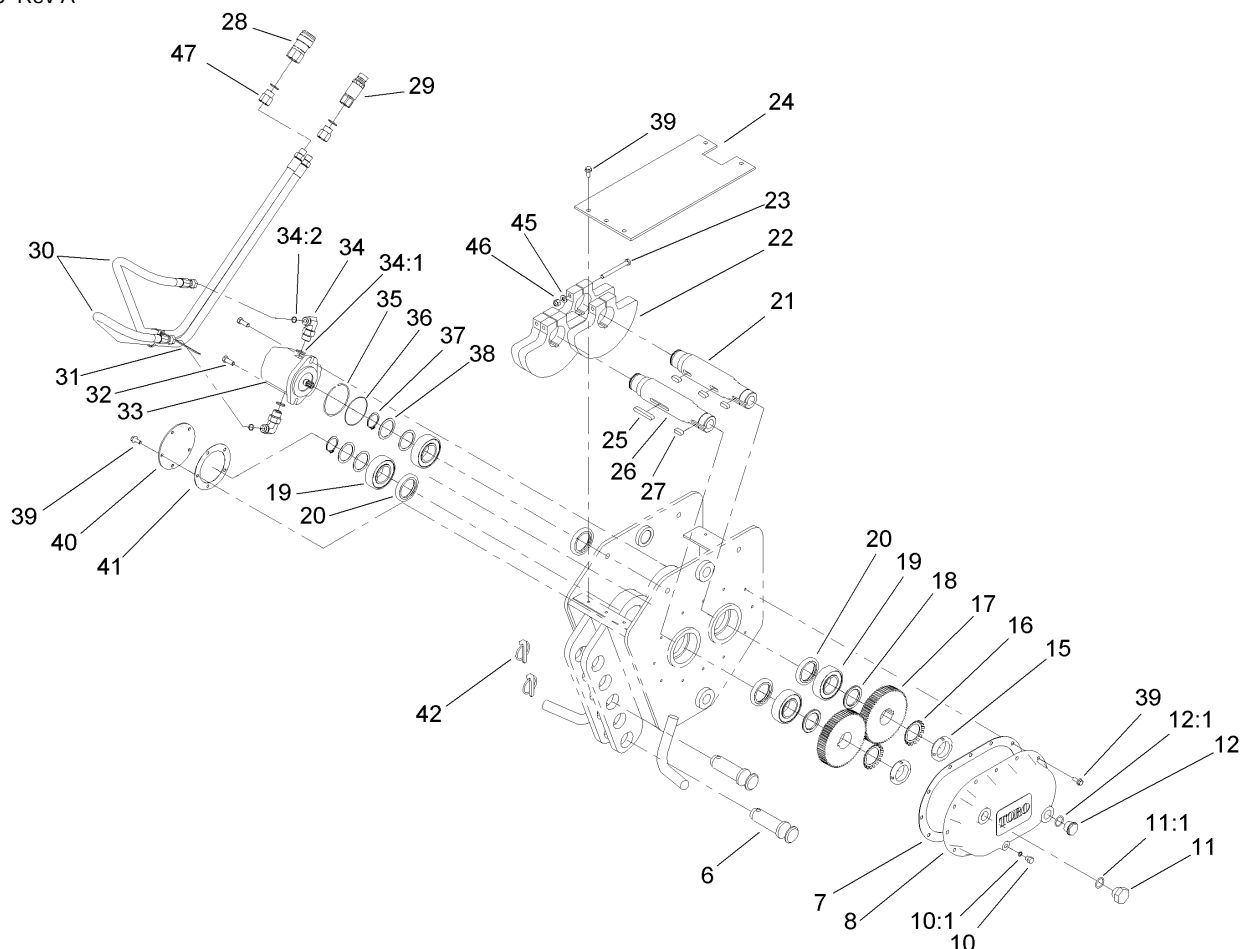
❷ Not serviced separately



Vibratory Plow Assembly

Ref	Part No.	Qty.	Description
2	104-8429-03	1	Frame ASM
2:1		1	Frame ASM
2:1:2	99-2740	10	Bushing-Tension
3	99-8646	1	Pin-Tapered
4	104-1985	1	Clevis ASM
4:2	100-4650	1	Decal-Warning
4:3	104-2684	1	Pin-Pivot
4:4	323-13	1	Screw-HH
4:5	3296-39	1	Nut-Lock, NI
5	325-8	2	Screw-HH
6	99-2695	2	Rod End
7	3220-5	2	Nut-Jam
8	99-2659	2	Washer
9	99-2686-03	2	Spring Comp
10	32146-13	2	Nut-Eslok
11	99-2720	1	Pin-Tapered
12	3296-29	4	Nut-Lock, NI
13	99-2725	2	Rod-Threaded
14	100-1663	2	Pin-Hitch
15	99-8633	1	Q-Tach ASM
15:2	98-3269	1	Decal
15:3	100-4649	1	Decal-Danger
15:4	99-2713	2	Bushing-Tension
20	99-2707	1	Washer

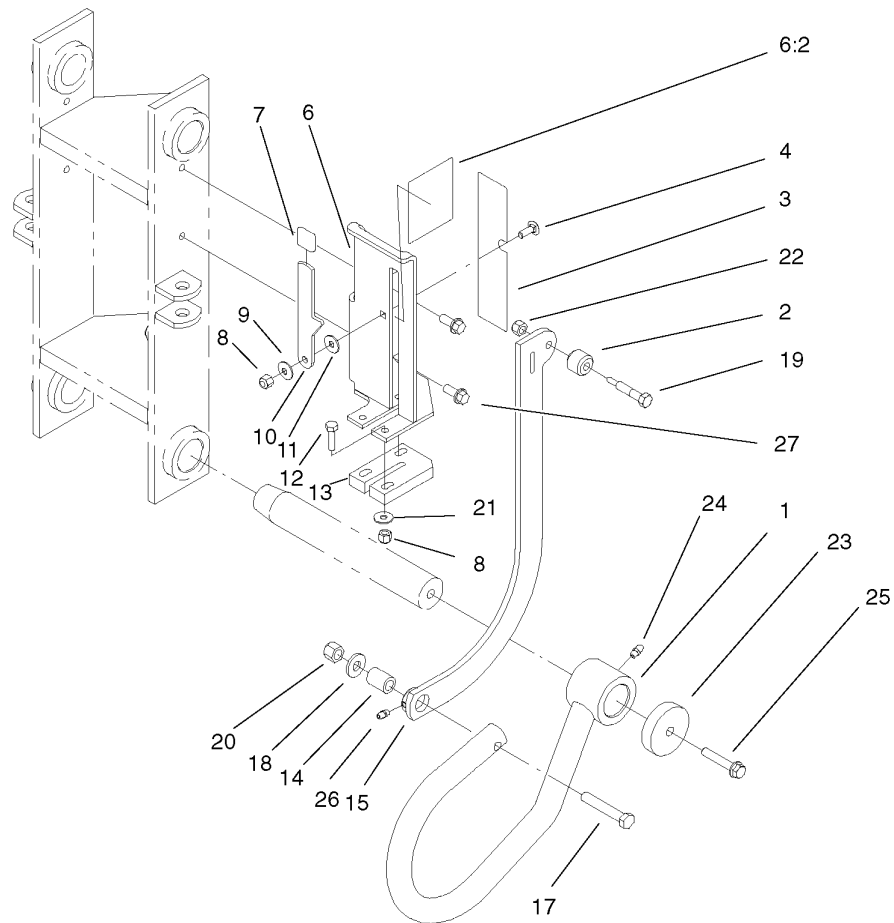
Ref	Part No.	Qty.	Description
21	82-8170	2	Clamp
22	93-7960	2	Spacer
23	93-7961	1	Clamp-Drain, Case
24	322-13	2	Screw-HH
27	3213-1	8	Screw-HH
28	3256-40	8	Washer-Flat
29	99-2693	4	Mount-Sandwich
30	99-2715-03	1	Link ASM
30:1	99-2713	4	Bushing-Tension
31	99-2653	1	Pad-Stop
32	100-6284	2	Screw
33	92-7981	2	Decal
34	99-2719	2	Pin-Tapered
35	302-5	1	Fitting-Grease
36	99-2722	1	Pin-Tapered
37	99-2735-03	1	Link ASM
37:1	99-2713	4	Bushing-Tension
38	84-1580	5	Washer-Clutch
39	3234-19	5	Screw-HHF
40	99-2726-03	1	Coulter
41	302-40	5	Fitting-Grease



Hydraulic Assembly

Ref	Part No.	Qty.	Description
6	104-5992	2	Pin-Blade
7	99-2744	1	Gasket
8	99-2723-03	1	Cover-Aluminum
10	353-512	1	Plug
10:1	237-78	1	O-Ring
11	354-74	1	Fitting
11:1	237-81	1	O-Ring
12	69-1170	1	Glass-Sight
12:1	237-81	1	O-Ring
15	99-2706	2	Nut
16	99-2708	2	Retainer-Nut
17	99-2676	2	Gear
18	99-2677	2	Spacer
19	99-2670	4	Spherical-Roll Bearing
20	99-2714	4	Seal-Oil
21	99-2672	1	Shaft-Splined
22	99-2673-03	4	Weight-Counter
23	323-15	4	Screw-HH
24	99-2699-03	1	Plate-Top
25	99-2675	1	Key-Long
26	99-2671	1	Shaft
27	99-2674	4	Key-Short
28	104-6134	1	Coupler-Face, Flush
①28:1	105-8396	1	Seal Kit

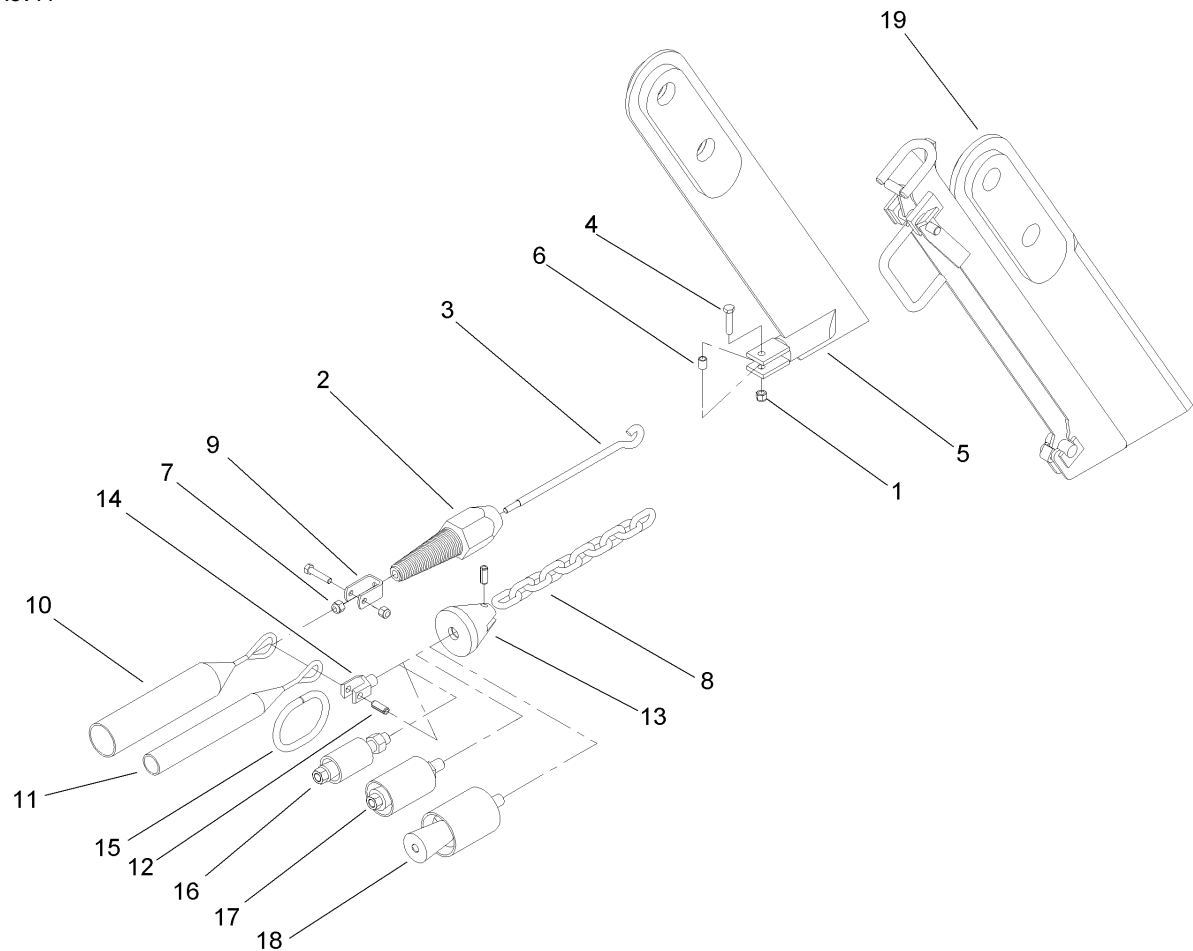
Ref	Part No.	Qty.	Description
29	100-4701	1	Nipple-Connect, Pressure
①29:1	100-6120	1	Seal Kit
30	99-2749	2	Hose-Hydraulic
①30:1	237-79	1	O-Ring
31	3290-379	1	Tie-Cable
32	323-6	2	Screw-HH
33	99-2683	1	Motor-Hydraulic
①33:1	99-8608	1	Seal Kit
34	340-105	2	Fitting-HYD, 90 DEG
34:1	237-80	1	O-Ring
34:2	237-30	1	O-Ring
35	99-2746	1	Ring-Pilot
36	237-167	1	O-Ring
37	32151-95	2	Ring-Retaining
38	99-2654	4	Washer-Thrust
39	100-1668	22	Screw-Flange
40	99-2724-03	1	Plate-Cover
41	99-2745	1	Gasket
42	283-71	2	Pin-Lynch
45	3256-24	4	Washer-Flat
46	3296-39	4	Nut-Lock, NI
47	100-4617	2	Adapter-HYD
①47:1	237-80	1	O-Ring



Indicating Lever Assembly

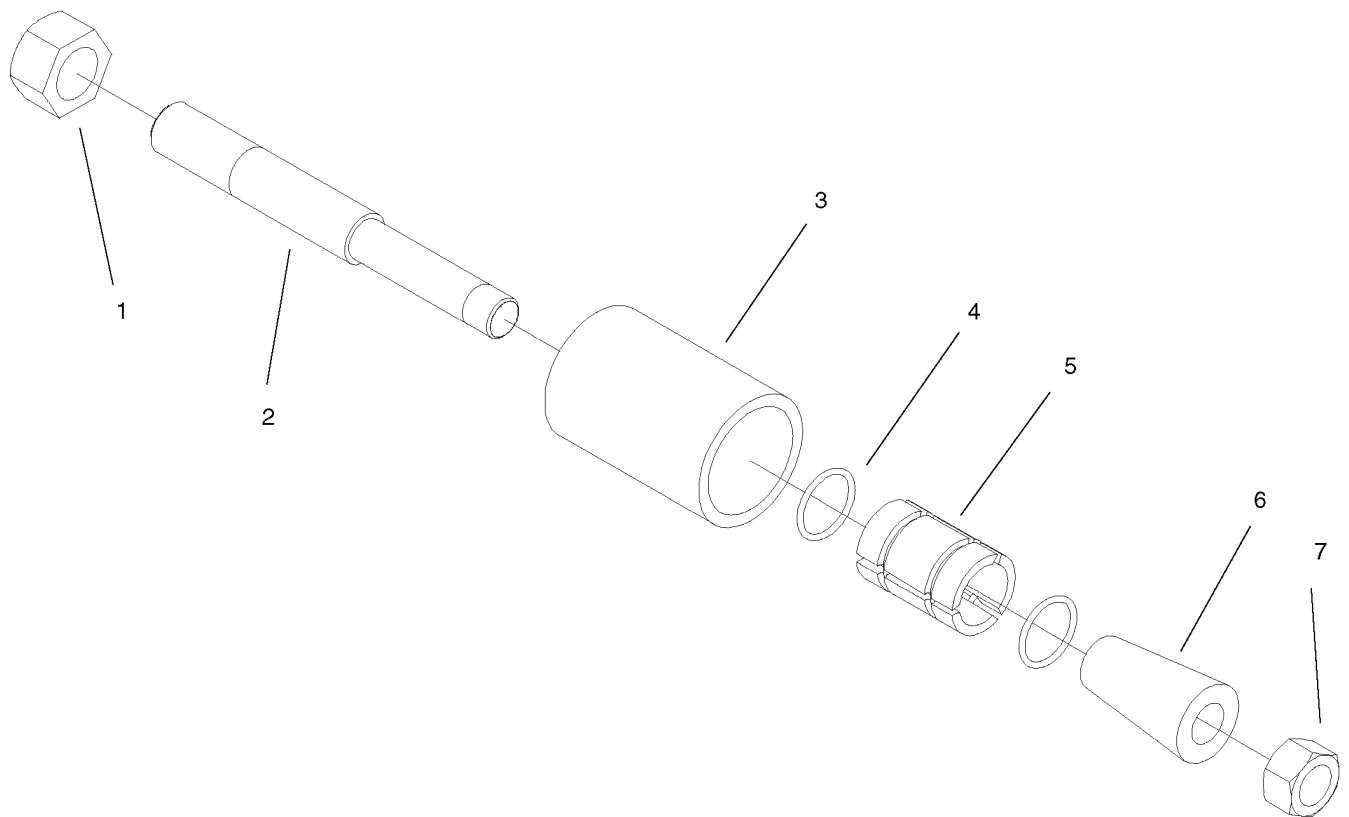
Ref	Part No.	Qty.	Description
1	99-8644-03	1	Rod ASM
2	100-1657	1	Nylon-Stop
3	99-8609	1	Decal-Indicator
4	3229-28	1	Screw-CARR
6	100-1665	1	Plate-Indicator
6:2	100-4650	1	Decal-Warning
7	100-1655	1	Grip-Handle
8	3296-16	4	Nut-Lock, NI
9	3290-436	1	Washer-Belleville
10	100-1653-03	1	Lever-Indicator
11	3290-388	1	Washer
12	321-8	3	Screw-HH
13	100-1652	1	Block-Bearing
14	100-1654	1	Spacer
15	100-1667-03	1	Indicator Bar ASM
17	323-47	1	Screw-HH
18	3256-3	1	Washer-Flat
19	100-1656	1	Screw-Special
20	3296-39	1	Nut-Lock, NI
21	3256-2	3	Washer-Flat
22	3296-47	1	Nut-Lock, NI
23	84-1580	1	Washer-Clutch
24	302-40	1	Fitting-Grease
25	3234-19	1	Screw-HHF

Ref	Part No.	Qty.	Description
26	302-5	1	Fitting-Grease
27	100-1668	2	Screw-Flange



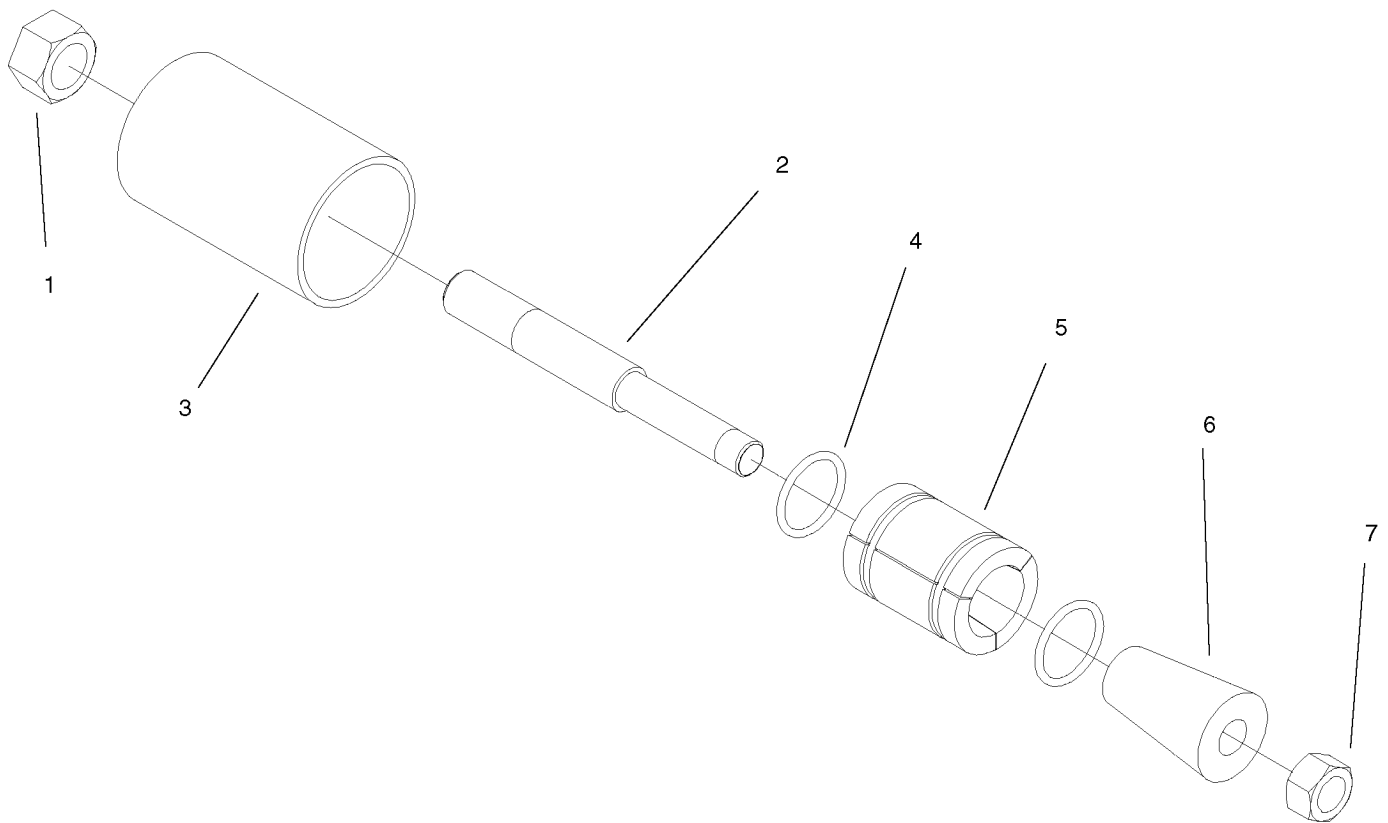
Optional Pullers and Blades

Ref	Part No.	Qty.	Description				
1	3296-69	1	Nut-Lock NI				
2	104-0646	1	Puller-Pipe				
3	100-0608	1	Chain ASM				
4	322-7	1	Screw-HH				
5	106-7646-03	1	Plow Blade ASM (38X12)				
5	99-2682-03	1	Plow Blade ASM (25X12)				
5	99-8600-03	1	Plow Blade ASM (5X18)				
5	99-8647-03	1	Plow Blade ASM (38X12)				
6	99-8611	1	Spacer				
7	3296-39	1	Nut-Lock, NI				
8	99-8631	1	Chain				
9	100-1664	1	Clevis				
10	100-1662	1	Basket-Grip				
11	100-1661	1	Basket-Grip				
12	32121-41	2	Pin-Roll				
13	100-6337	1	Bullet-Puller				
14	100-6338	1	Adapter-Chain				
15	100-0609	1	Link-Wire				
16	100-6285	1	Puller ASM 1 Inch				
17	100-6290	1	Puller ASM 1.5 Inch				
18	100-6294	1	Puller ASM 2 Inch				
19	104-0640	1	Chuted Blade ASM				



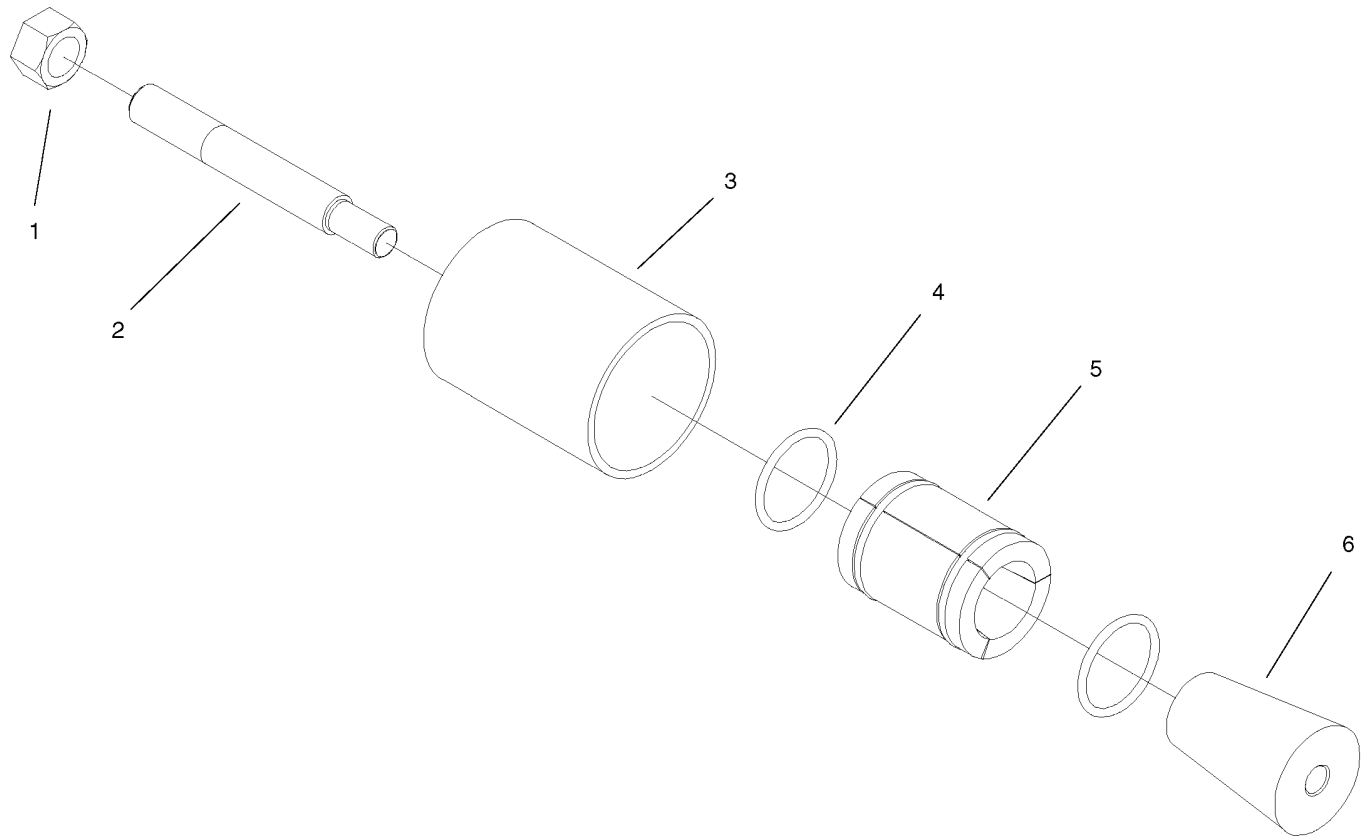
Puller Assembly No. 100-6285

Ref	Part No.	Qty.	Description
1	3219-6	1	Nut-Hex
2	100-6286	1	Rod-Puller
3	100-6289	1	Grip-Outer
4	237-145	2	O-Ring
5	100-6288	3	Grip-Inner
6	100-6287	1	Cone-Puller
7	3219-5	1	Nut-Hex



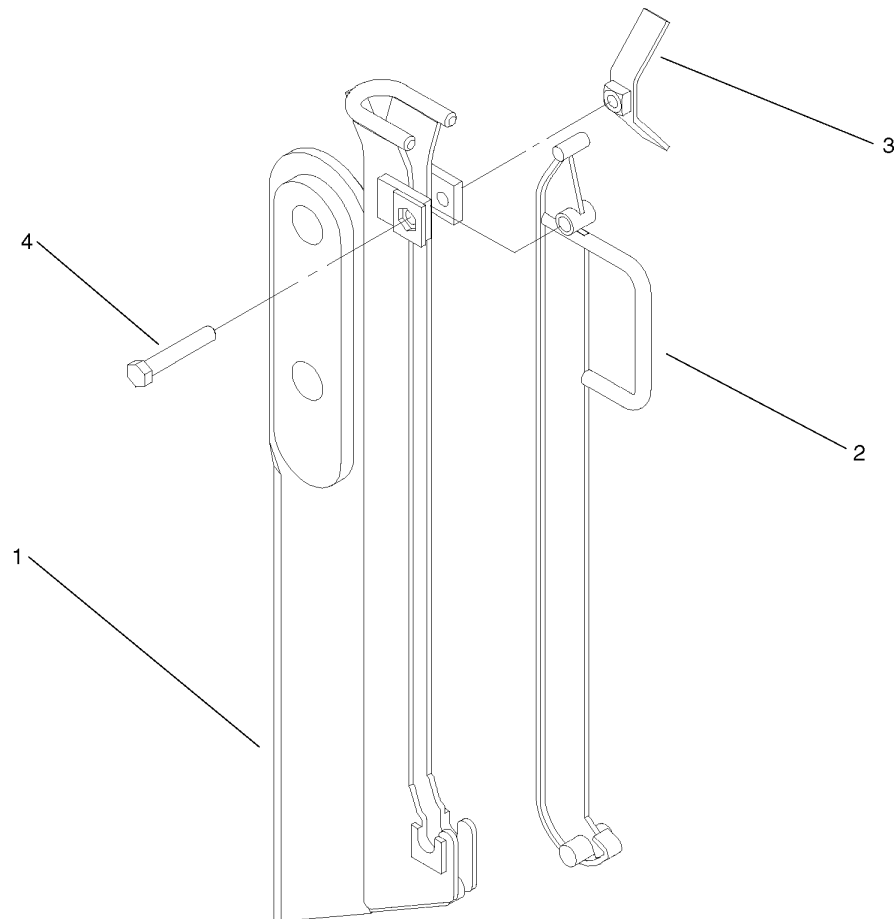
Puller Assembly No. 100-6290

Ref	Part No.	Qty.	Description
1	3219-6	1	Nut-Hex
2	100-6286	1	Rod-Puller
3	100-6293	1	Grip-Outer
4	237-179	2	O Ring
5	100-6292	3	Grip-Inner
6	100-6291	1	Cone-Puller
7	3219-5	1	Nut-Hex



Puller Assembly No. 100-6294

Ref	Part No.	Qty.	Description
1	3219-6	1	Nut-Hex
2	100-6295	1	Rod-Puller
3	100-6298	1	Grip-Outer
4	237-187	2	O-Ring
5	100-6297	3	Grip-Inner
6	100-6296	1	Cone-Puller



Optional Chute Blade Assembly No. 104-0640

Ref	Part No.	Qty.	Description				
1		1	Chuted Blade ASM				
1	104-2664	1	Blade-Chuted				
2	104-2665	1	Guide-Blade				
3	104-2666	1	Nut-Blade				
4	325-12	1	Screw-HH				

Attachments and Accessories

For 22910 - Vibratory Plow, Compact Utility Loaders

Product Name	Model/Part
Blade and Basket Kit	104-5944

