Form No. 3353-849 Rev B

TORO®

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Parts Catalog

Stump Grinder

Compact Utility Loaders

Model No. 22429—Serial No. 230000001 and Up

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 illustration and in parts 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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

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

LP: Liquid Propane

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

RRB: rear roller brush

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

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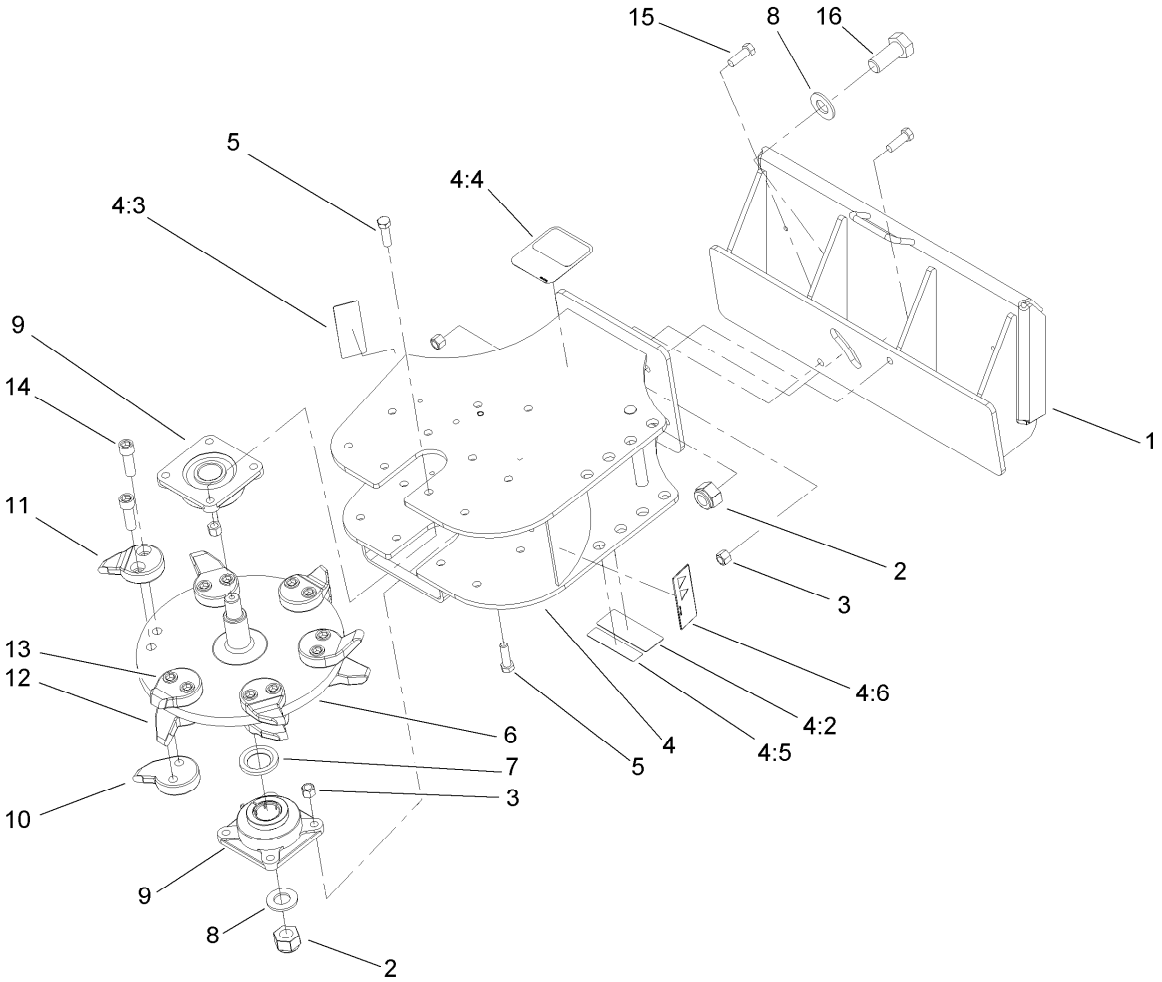
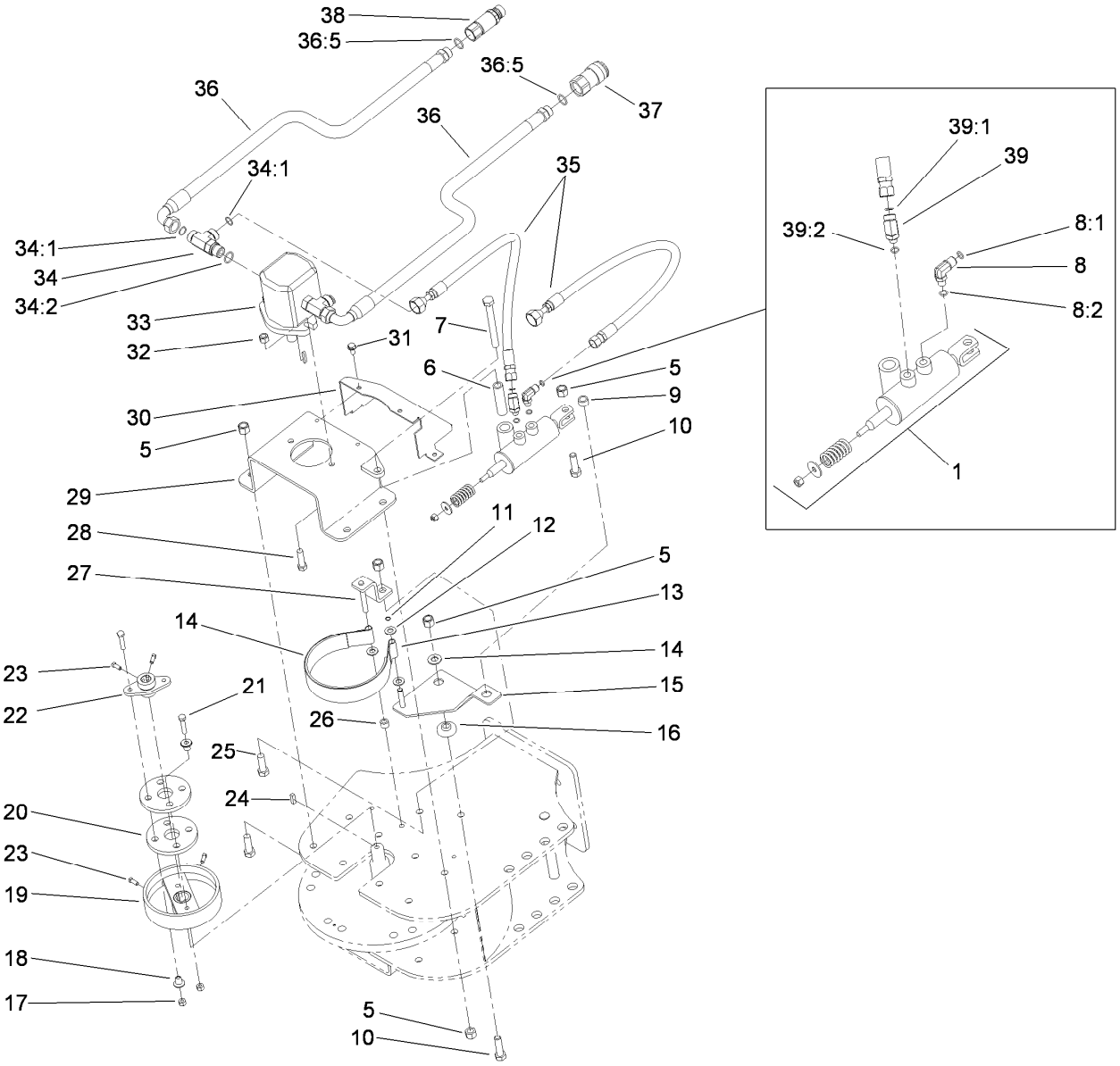


Grinder Frame and Head Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	104-2001-03	1	Quick Attach ASM
2	104-2024	2	Nut-Hex, NI
3	3296-23	10	Nut-Lock, NI
4	104-5807	1	Grinder Frame ASM
4:2	107-9366	1	Decal-Warning
4:3	93-7321	1	Decal-Danger
4:4	93-7340	1	Decal
4:5	93-9854	1	Decal-Warning
4:6	104-5850	1	Decal-Warning
5	325-7	8	Screw-HH
6	104-2025-03	1	Wheel-Cast
7	104-2036	1	Washer-Bearing
8	3256-62	2	Washer-Flat
9	104-2026	2	Bearing
10	104-2028	3	Tooth-Str, Threaded
11	104-2029	3	Tooth-Str,Cbored
12	104-2030	3	Tooth-Curved,Threaded
13	104-2031	3	Tooth-Curved,Cbored
14	3273-38	12	Screw-HSH
15	325-6	2	Screw-HH
16	104-2035	1	Screw-Cap

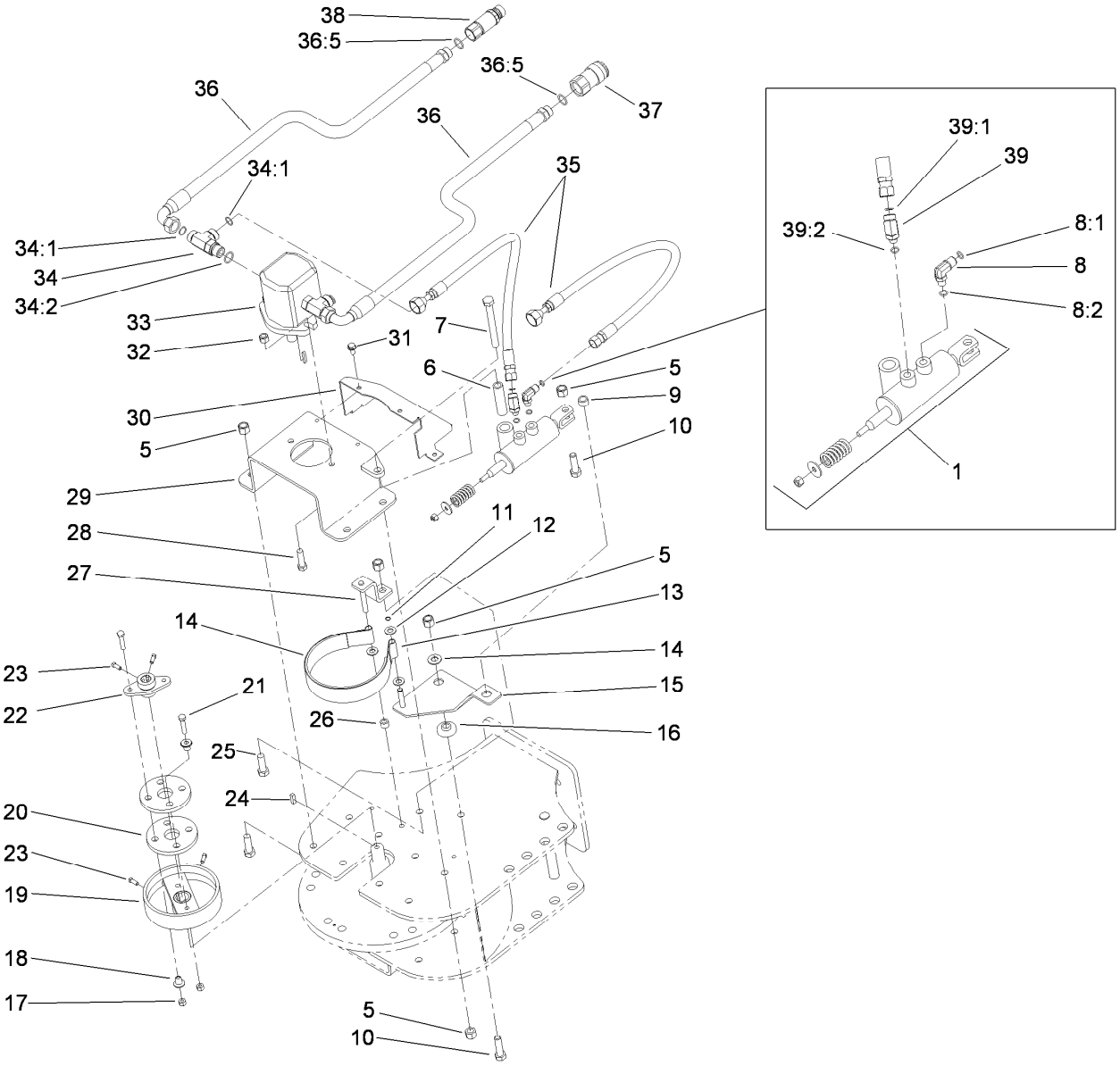


Hydraulic Motor and Brake Assembly

Ref.	Part Number	Qty.	Description
1	104-6094	1	Cylinder ASM
5	3296-23	7	Nut-Lock, NI
6	104-5801	1	Spacer-Cylinder
7	325-19	1	Screw-HH
8	340-97	1	Fitting-HYD, 90 DEG
8:1	237-22	1	O-Ring
8:2	237-78	1	O-Ring
9	104-5825	1	Spacer-Clevis
10	325-7	2	Screw-HH
11	32120-46	1	Ring-Retaining
12	3256-3	3	Washer-Flat
13	104-2038	1	Brake Band ASM
14	3256-26	1	Washer-Flat
15	104-2042-03	1	Brake Bracket ASM
16	104-1991	1	Spacer-Brake
17	3296-29	4	Nut-Lock, NI
18	71-4411	4	Spacer
19	104-2037	1	Drum-Brake
20	44-2230	2	Coupling-Rubber

Ref.	Part Number	Qty.	Description
21	322-7	4	Screw-HH
22	104-5830	1	Hub/Spacer ASM
23	3241-5	4	Screw-Set
24	10-7070	1	Key-Square
25	325-6	4	Screw-HH
26	52-2480	1	Spacer-Wheel
27	104-5800-03	1	Brake Rod ASM
28	324-6	2	Screw-HH
29	104-5806-03	1	Motor Mount ASM
30	104-5836-03	1	Cover-Brake
31	32144-14	4	Screw-HWHTF
32	3296-48	2	Nut-Lock, NI
33	104-2010	1	Motor-HYD
34	340-22	2	Fitting-HYD, Tee
34:1	237-65	2	O-Ring
34:2	237-80	1	O-Ring
35	104-5835	2	Hydraulic Hose ASM
36	104-2034	2	Hose-Hydraulic
36:5	237-80	1	O-Ring

● Not illustrated

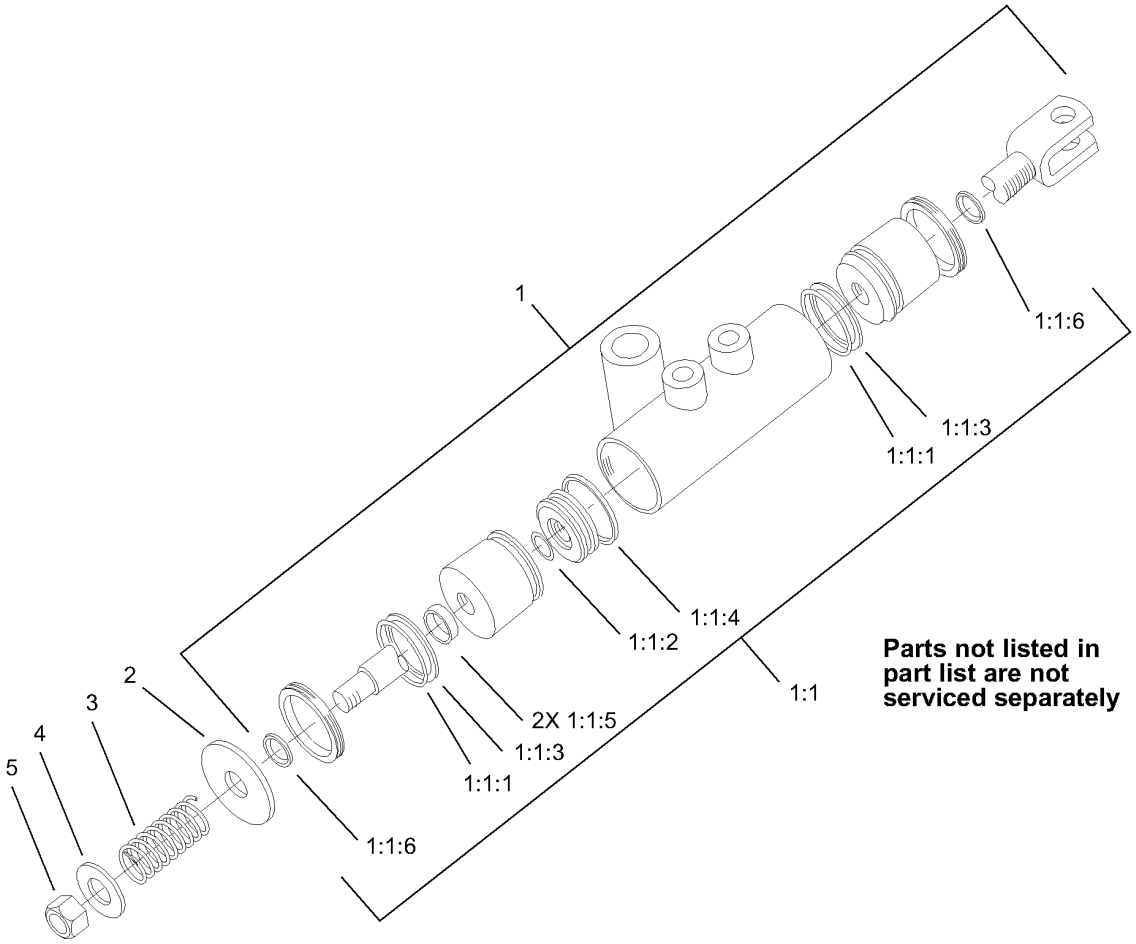


Hydraulic Motor and Brake Assembly (continued)

Ref.	Part Number	Qty.	Description
37	104-6134	1	Coupler-Face, Flush
38	100-4701	1	Nipple-Connect, Pressure
38:1	100-6120	1	Seal Kit ●

Ref.	Part Number	Qty.	Description
39	340-54	1	Elbow-45 DEG
39:1	237-22	1	O-Ring
39:2	237-78	1	O-Ring

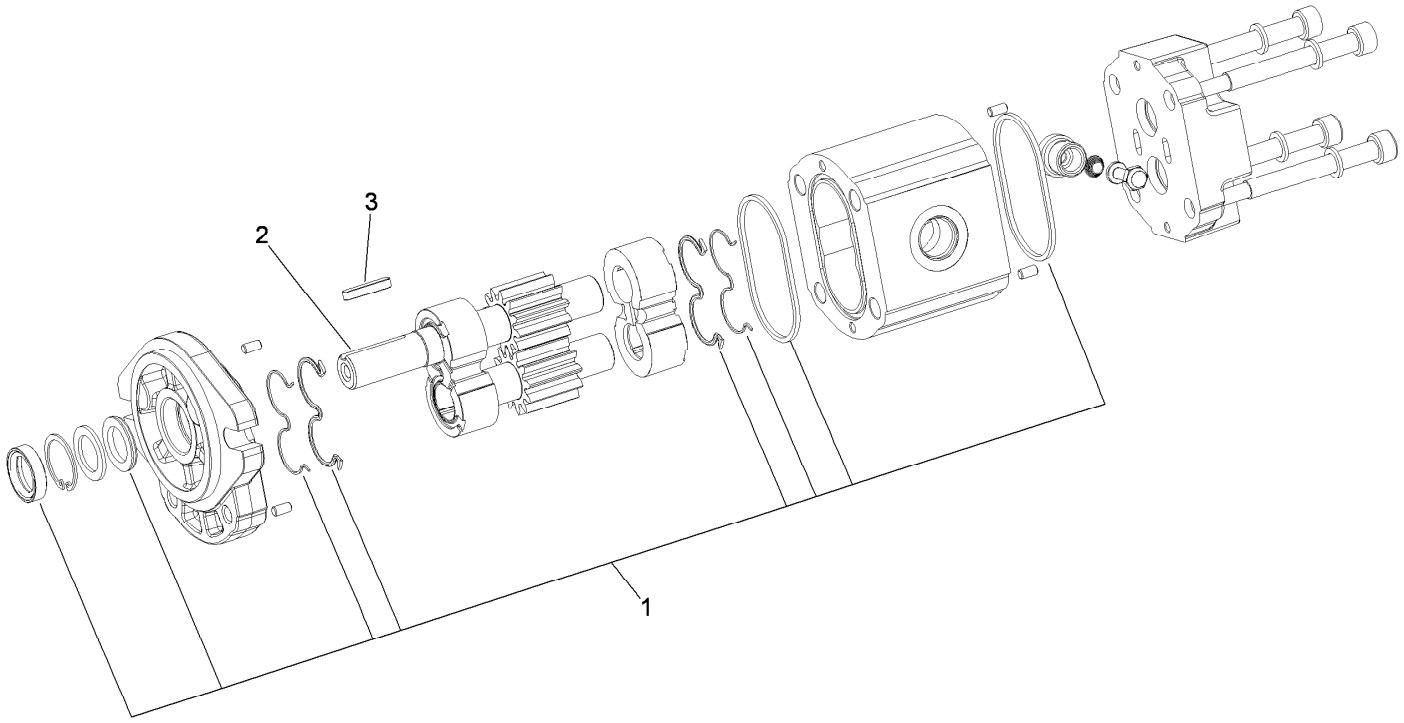
● Not illustrated



Hydraulic Cylinder Assembly No. 104-6094

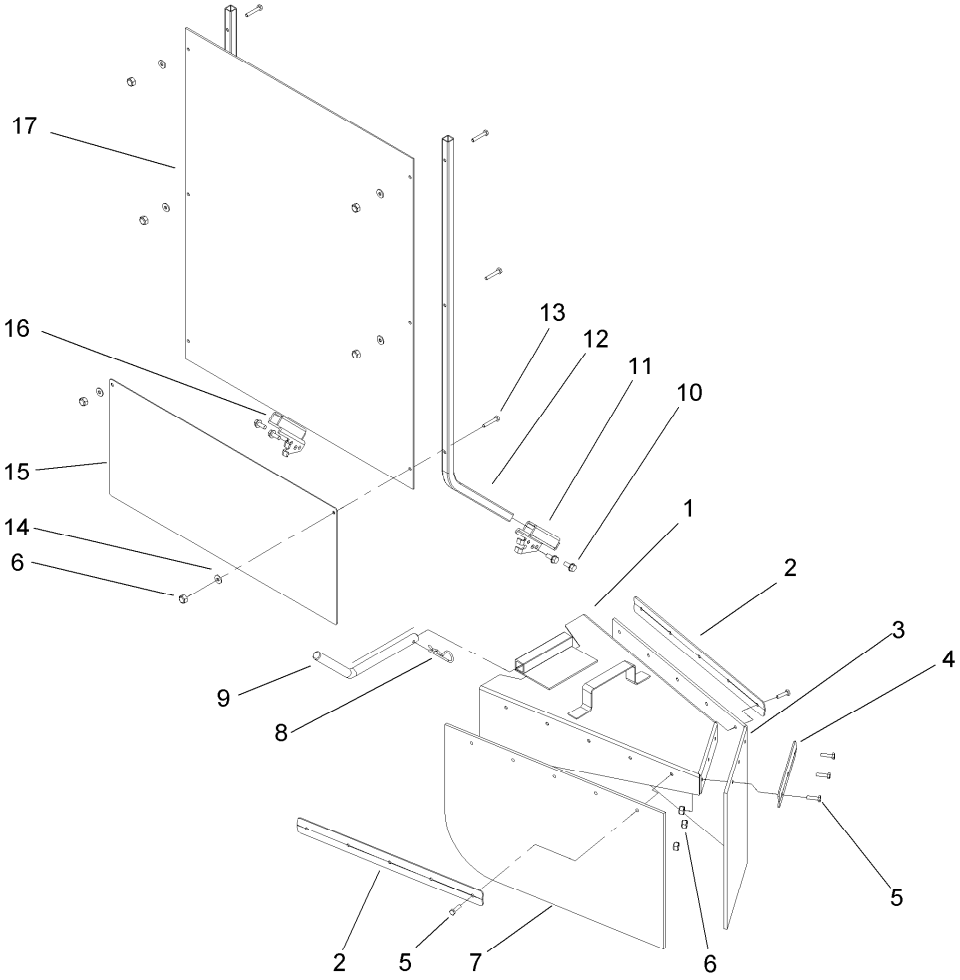
Ref.	*Part Number*	*Qty.*	*Description*
1	104-6093	1	Hydraulic Cylinder ASM
1:1	104-5847	1	Seal Kit
1:1:1		2	Seal-Dust ●
1:1:2		1	Seal-Dust ●
1:1:3		2	O-Ring, Backup ●
1:1:4		1	T-Seal ●
1:1:5		2	Seal-Rod ●
1:1:6		2	Seal-Dust ●
2	104-5837	1	Washer-Cylinder
3	66-9010	1	Spring-Compression
4	3256-82	1	Washer-Flat
5	3296-29	1	Nut-Lock, NI

● Not serviced separately



Hydraulic Gear Motor No. 104-2010

Ref.	*Part Number*	*Qty.*	*Description*
1	100-4629	1	Seal Kit
2	104-5838	1	Shaft-Motor
3	104-5839	1	Key-Square



Shield and Guard Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	104-2012-03	1	Chipper Guard ASM
2	104-2019-03	2	Clamp-Skirt
3	104-2022	1	Guard-Skirt, Rear
4	104-2021-03	1	Clamp-Skirt
5	321-6	13	Screw-HH
6	3296-8	21	Nut-Lock
7	104-2023	1	Guard-Skirt, Front
8	3290-343	1	Pin-Hair
9	104-2018	1	Pin-Hinge
10	32144-70	4	Screw-HWHTF
11	104-5817-03	1	Bracket-Support, LH
12	104-5815-03	2	Support-Shield
13	321-9	6	Screw-HH
14	3256-78	6	Washer-Flat
15	104-5820	1	Skirt-Protector
16	104-5818-03	1	Bracket-Support, RH
17	104-5827	1	Shield-Lexan

Notes:

Notes:

Count on it.