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Parts Catalog

VR-3100 Rammer Compactor

Model No. 68035—Serial No. 314000001 and Up



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We sell worldwide for the brands: Genie, Terex, JLG, MultiQuip, Mikasa, Essick, Whiteman, Mayco, Toro Stone, Diamond Products, Generac Magnum, Airman, Haulotte, Barreto, Power Blanket, Nifty Lift, Atlas Copco, Chicago Pneumatic, Allmand, Miller Curber, Skyjack, Lull, Skytrak, Tsurumi, Husquvarna Target, Stow, Wacker, Sakai, Mi-T-M, Sullair, Basic, Dynapac, MBW, Weber, Bartell, Bennar Newman, Haulotte, Ditch Runner, Menegotti, Morrison, Contec, Buddy, Crown, Edco, Wyco, Bomag, Laymor, EZ Trench, Bil-Jax, F.S. Curtis, Gehl Pavers, Heli, Honda, ICS/PowerGrit, IHI, Partner, Imer, Clipper, MMD, Koshin, Rice, CH&E, General Equipment, Amida, Coleman, NAC, Gradall, Square Shooter, Kent, Stanley, Tamco, Toku, Hatz, Kohler, Robin, Wisconsin, Northrock, Oztec, Toker TK, Rol-Air, APT, Wylie, Ingersoll Rand / Doosan, Innovatech, Con X, Ammann, Mecalac, Makinex, Smith Surface Prep,Small Line, Wanco, Yanmar

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: clockwiseDEG: degrees

DPA: Dual Point Adjustment **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: Liquefied Petroleum Gas **LPG:** Liquefied Petroleum Gas

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

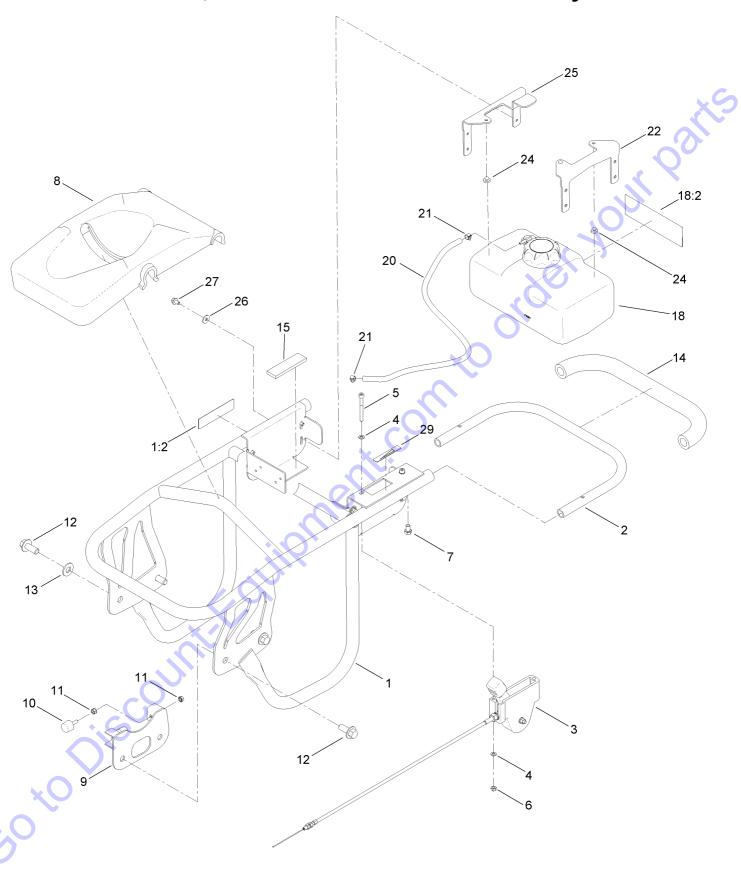
SRH: slotted round head

STD: standard
TAP: self tapping
TTH: torx truss head

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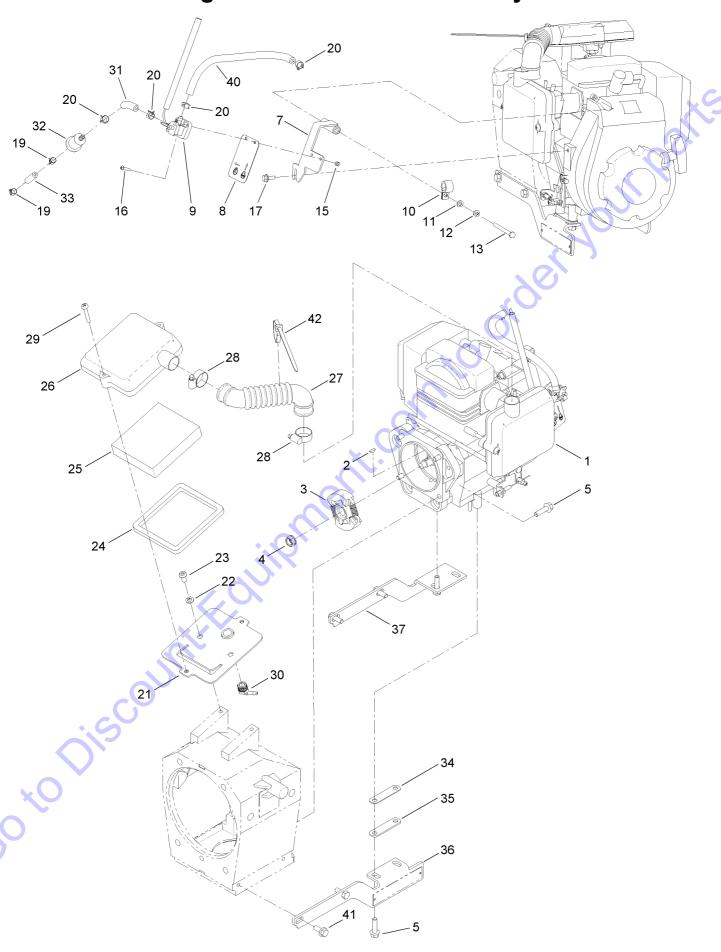
Frame, Handle and Fuel Tank Assembly



Frame, Handle and Fuel Tank Assembly (continued)

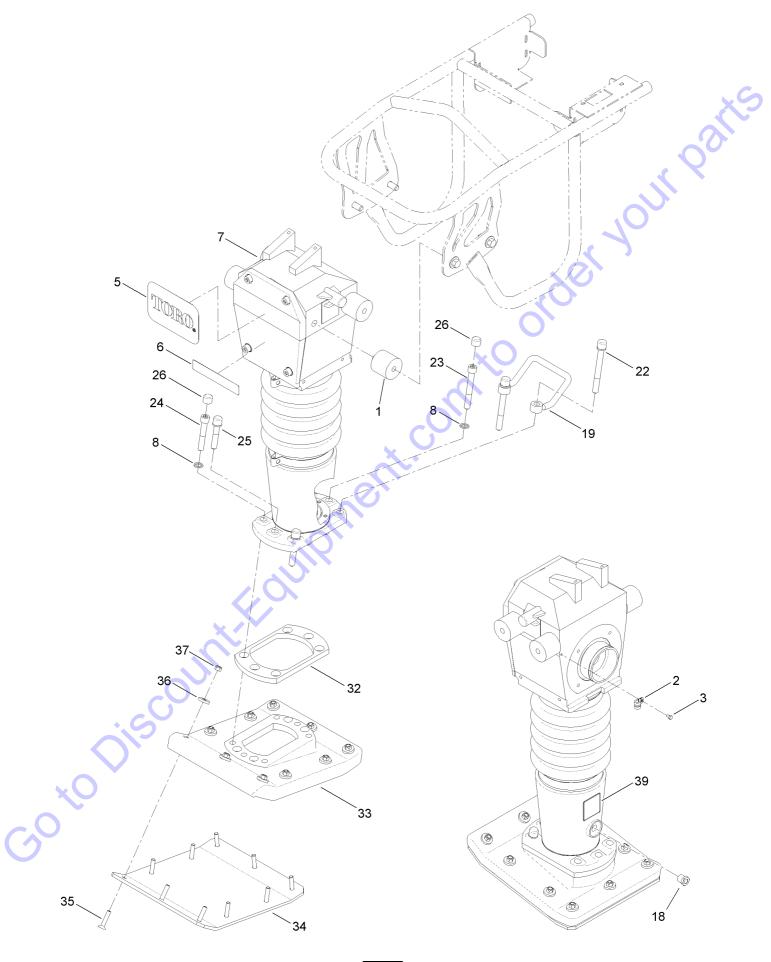
Ref. 1 1:2 2 3 4 5 6 7 8 9 10 11 12	Part Number 127-2830 117-2718 127-5596-03 125-8669 33093-00 ST80940 115-7373 ST80586 125-4803 ST39424-03 ST39427 98-5845 33106-020	Qty. 1 1 1 4 2 2 1 1 2 4 4	Description Handle ASM Decal-Arrester, Spark Handle-Rammer Throttle Lever ASM Washer-Flat Screw-HSH Nut-Lock Screw-HWH Cover-Engine Stopper Mount-Shock Nut-Hex Screw-HHF	Ref. 13 14 15 18 18:2 20 21 22 24 25 26 27 29	Part Number 29-8910 ST39483 125-6239 127-7574 125-8191 120-5022 2412-80 ST66668-03 ST47292 127-7556-03 ST81181 81-1280 125-8182	2 1 2 1 1 2 1 4 1 8 8	Description Washer Grip-Cushion, Handle Pad-Tank, Fuel 1 Gallon Fuel Tank ASM Decal-Warning Hose-Fuel Clamp-Hose Bracket-Top, Fuel Tank Bumper-Rubber Guard-Fuel Tank, Top Washer-Flat Screw-HHF Decal-Throttle
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Engine and Air Filter Assembly



Engine and Air Filter Assembly (continued)

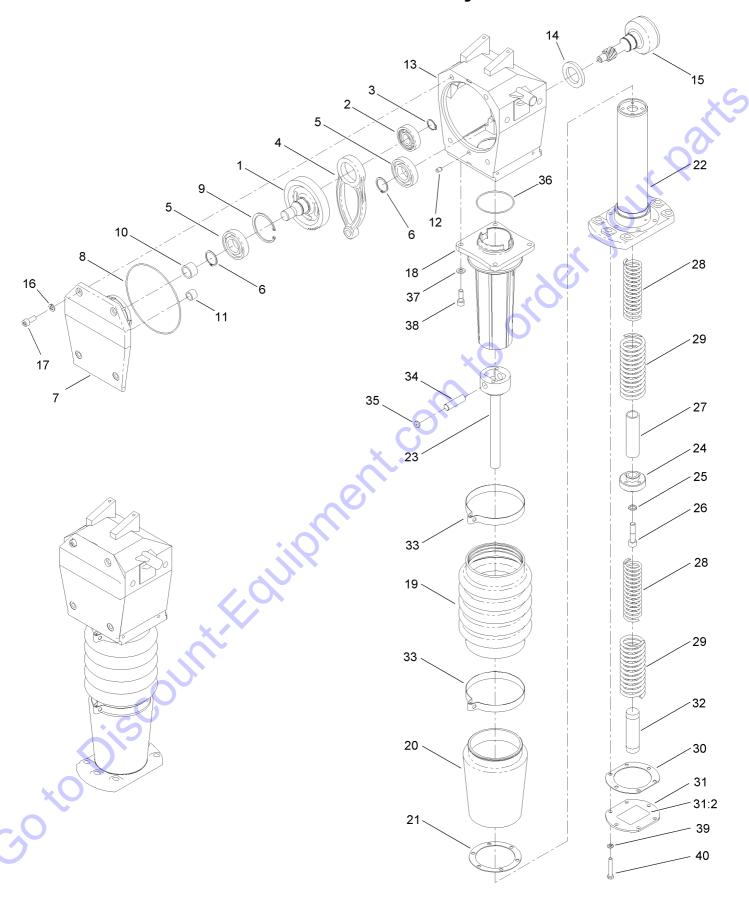
Lower Unit Assembly



Lower Unit Assembly (continued)

Ref. Part Number Qty. Description 1 \$139425					•	•		,
1 ST39425 4 Mount-Shock 24 ST309045 2 Screw-HSH 2 ST39509 1 Clamp 25 ST30967 1 Screw-HSH 26 ST80765 6 Cap-Plastic 2 Screw-HSH 26 ST80765 6 Cap-Plastic 2 Screw-HSH 26 ST80765 6 Cap-Plastic 2 Screw-HSH 26 ST80765 1 Plate-Spacer, Shoe 2 Screw-HSH 28 ST8196 6 Washer-Lock 34 ST65024-03 1 Screw-HSH 2 Screw-HSH 2 Screw-HSH 3 ST34096 1 Plug-Sight, Oil 35 ST80948 10 Screw-HSH 3 ST34096 1 Screw-HSH 3 Screw-HSH 3 ST34096 1 Screw-HSH 3 S	Ref	Part Number	Qtv. I	Description	Ref	Part Number	Qtv	Description
2 ST39909 1 Clamp 25 ST80627 1 Screw-HSH 26 ST80765 6 Cap-Plastic 5 127-7590 1 Decal 32 ST50370 1 Plate-Spacer, Shoe 6 127-7590 1 Decal 32 ST50370 1 Plate-Spacer, Shoe 7 1 Rammer ASM ● 1 Plug-Sight, Coli 35 ST80948 10 Screw-HSFH 1 ST39480-0 3 Grip-Lift 36 ST80324 00 Washer-Flat 22 ST81193 2 Screw-HSFH 37 33024-00 10 Nut-Lock, Ni 23 ST80946 1 Screw-HSFH 39 ST39480-0 3 ST80946 1 Screw-HSFH 39 ST39480-0 10 Nut-Lock, Ni 23 ST80946 1 Screw-HSFH 39 ST39480-0 10 Nut-Lock, Ni 24 ST80946 1 Screw-HSFH 37 30024-00 10 Nut-Lock, Ni 25 ST80946 1 Screw-HSFH 39 ST								
3 ST81043 1 Screw-HH 26 ST80765 6 Cap-Plastic 5 127-7690 1 Decal 32 ST50370 1 Plate-Spacer, Shoe 6 127-7692 1 Decal 33 ST47302 1 Shoe-Plastic, Medium/Heavy 8 ST81196 6 Washer-Lock 34 ST65024-03 1 Plate-Shoe 18 ST34096 1 Plug-Sight, Oil 35 ST80948 10 Screw-HSFH 19 ST39480.03 1 Grp-Lift 36 ST26325 10 Washer-Flat 22 ST81193 2 Screw-HSH 37 33024-00 10 Nut-Lock, Nil 23 ST80946 1 Screw-HSH 39 127-7595 1 Decal-Oil Level ◆ Not serviced separately ◆ Not serviced separately								
6 127-7599 1 Decal 32 ST60370 1 Plate-Spacer, Shoe 6 127-7592 1 Decal 33 ST60370 1 Plate-Spacer, Shoe 1 Plate Spacer, Shoe 1 Plate Shoe Plastic, Medium/Heavy 1 Plate Shoe 1 ST8096 1 Plug-Sight, Oil 35 ST80948 10 Screw-HSFH 1 ST39480-0 3 Grip-Lift 36 ST26325 10 Washer-Plat 22 ST8193 2 Screw-HSH 37 33024-00 10 Nurt-Lock, N 23 ST80946 1 Screw-HSH 38 127-7595 1 Decal-Oil Level	2							
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8 ST81196 6 Washer-Lock 34 ST65024-03 1 Plate-Sloc 1 Plug-Sight Oil 35 ST80948 10 Screw-HSFH 36 ST269480-03 1 Gnp-Lift 36 ST26935 10 Washer-Flat 1 ST819496 1 Screw-HSH 37 33024-00 10 Nutr-Lock N 1 23 ST80946 1 Screw-HSH 39 127-7595 1 Decal-Oil Level	6	127-7592			33	S147302	1	
18 ST344906 1 Plug-Sight, Oil 35 ST80948 10 Screw-HSFH 19 ST39480-03 1 Gnp-Llft 36 ST26325 10 Washer-Flat 22 ST81193 2 Screw-HSH 37 33024-00 10 Nut-Lock, NI 23 ST80946 1 Screw-HSH 39 127-7595 1 Decal-Oil Level	7							
19 ST34940-0.3 I Grip-Lift 36 ST26325 10 Washer-Flat 22 ST81193 2 Screw-HSH 37 33024-00 10 Nut-Lock, NI 23 ST80946 1 Screw-HSH 39 127-7595 1 Decal-Oil Level								
22 ST81193 2 Screw-HSH 37 33024-00 10 Nut-Lock, NI 23 ST80946 1 Screw-HSH 39 127-7595 1 Decal-Oil Level								
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Rammer Assembly



Rammer Assembly (continued)

Ref.		Otv	Description	Ref.	Part Number	Otv	Description
1	Part Number ST39379	1	Gear-Helical	22	125-8675	1	Housing-Spring
2	ST39429	1	Bearing-Ball	23	ST50305	1	Rod-Piston
2							
3	ST39432	1	Ring-External	24	ST50465	1	Puck-Piston
4	ST50302	1	Rod-Connecting	25	ST81196	1	Washer-Lock
5	ST39428	2	Bearing-Ball	26	ST80822	1	Screw-HSH
6	32120-84	2	Ring-Snap, External	27	ST50410	1	Snubber-Spring, Upper
7	ST50294	1	Cover-Front	28	ST50282	2	Spring-Compression, Inn
8	ST39437	1	O-Ring	29	ST50283	2	Spring-Compression, Ou
9	ST50539	1	Ring-Internal	30	ST39390	1	Gasket-Cover, Spring
10	ST39430	1	Bearing-Needle	31	127-2831	1	Bottom Spring Cover AS
11	ST39431	1	Bearing-Needle	31:2	125-8181	1	Decal-Warning, Spring
12	ST80543	1	Pin	32	ST50411	1	Snubber-Spring, Lower
13	ST50193	1	Gearcase	33	ST39439	2	Clamp-Boot, Stomper
14	ST39435	1	Seal-Shaft	34	ST39436	1	Pin
15	ST50192	1	Pinion	35		2	
					ST39401		Button-Pin, Captivator
16	42-9600	4	Washer-Lock, Spring	36	ST39438	1	O-Ring
17	ST80803	4	Screw-HSH	37	33095-00	4	Washer-Flat
18	ST50281	1	Guide-Tube	38	ST80872	4	Screw-HSH
19	ST50408	1	Boot-Stomper	39	ST80812	6	Washer-Lock
20	ST50409	1	Cover-Housing, Spring	40	33114-050	6	Screw-HH
21	ST39399	1	Gasket-Housing, Spring				
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			Gasket-Housing, Spring Cover				
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