



Count on it.

Parts Catalog

Aerothatch 83

Model No. 44830—Serial No. 311000001 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

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: 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

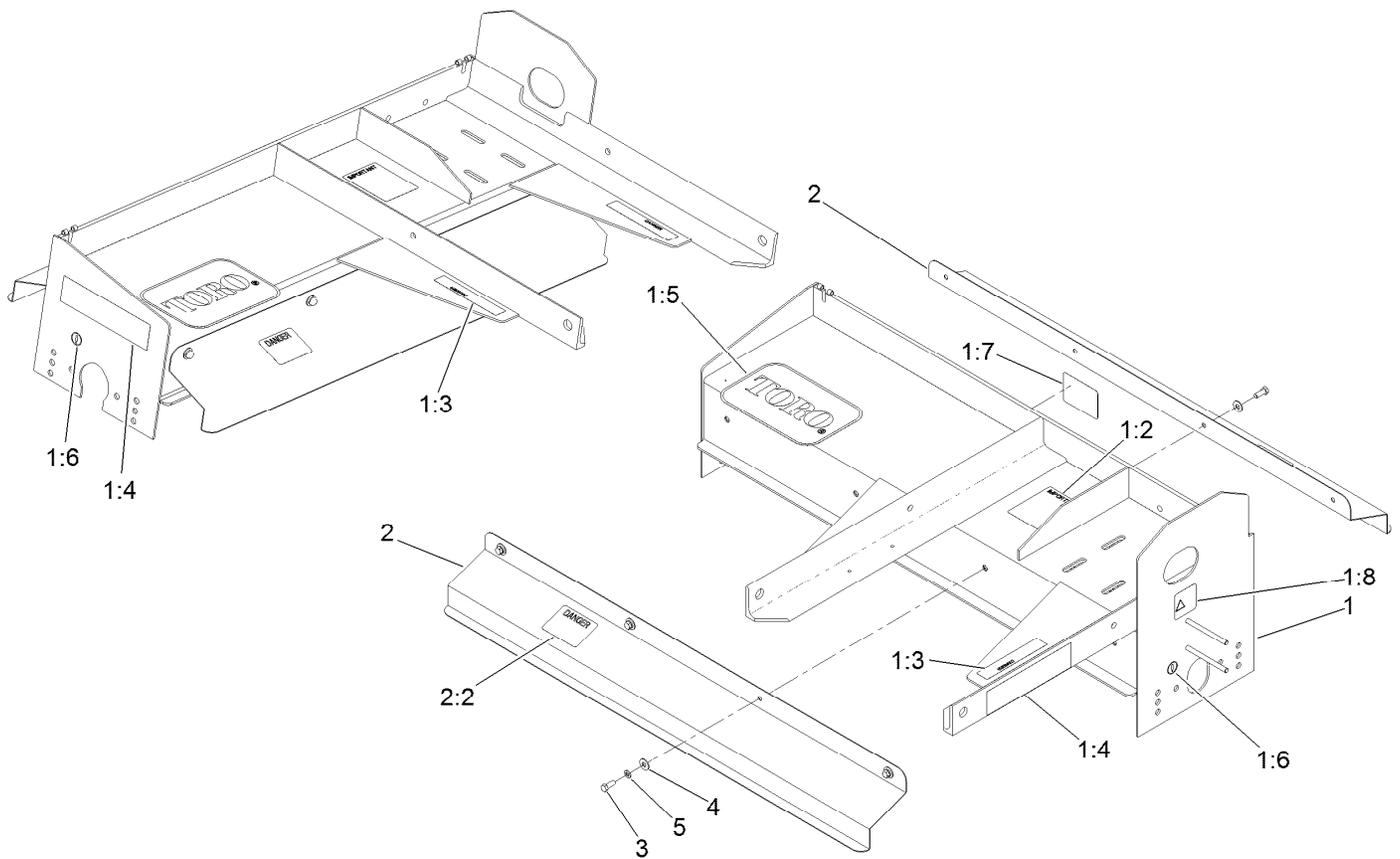
STD: standard

TAP: self tapping

TTH: torx truss head

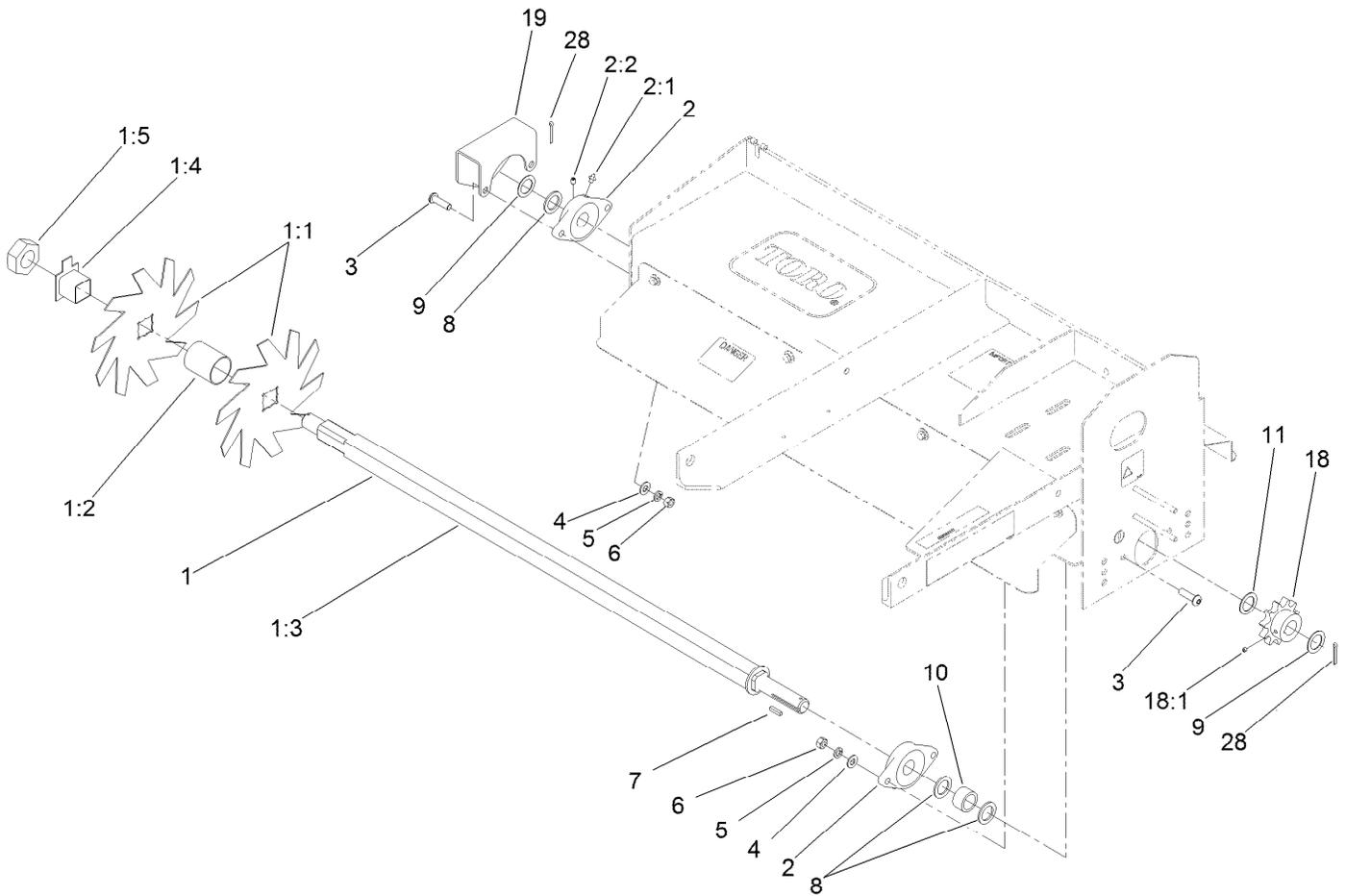
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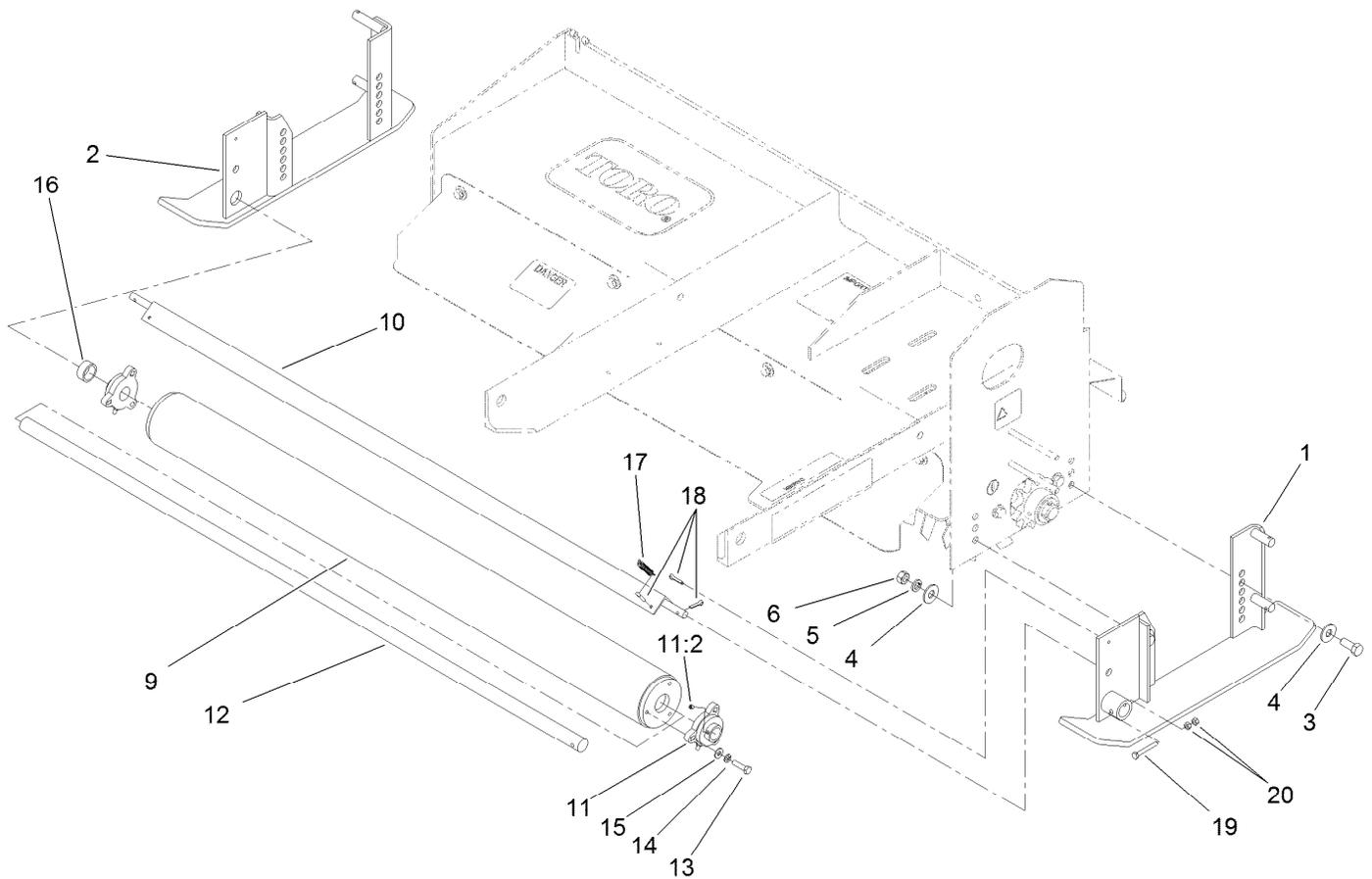
Main Frame Assembly

Ref.	Part Number	Qty.	Description
1	104-2514	1	Main Frame ASM
1:2	01-506-0160	1	Decal-PTO Information
1:3	01-506-0130	2	Decal-Danger PTO
1:4	01-506-1010	2	Decal
1:5	66-1210	1	Decal
1:6	58-6520	2	Decal-Grease
1:7	104-0332	1	Decals-Rotating Blades
1:8	99-4486	1	Decal-Warning
2	104-2515	2	Roller/Blade Shield ASM
2:2	104-0332	1	Decals-Rotating Blades
3	323-6	8	Screw-HH
4	3256-4	16	Washer-Flat
5	3253-21	8	Washer-Lock



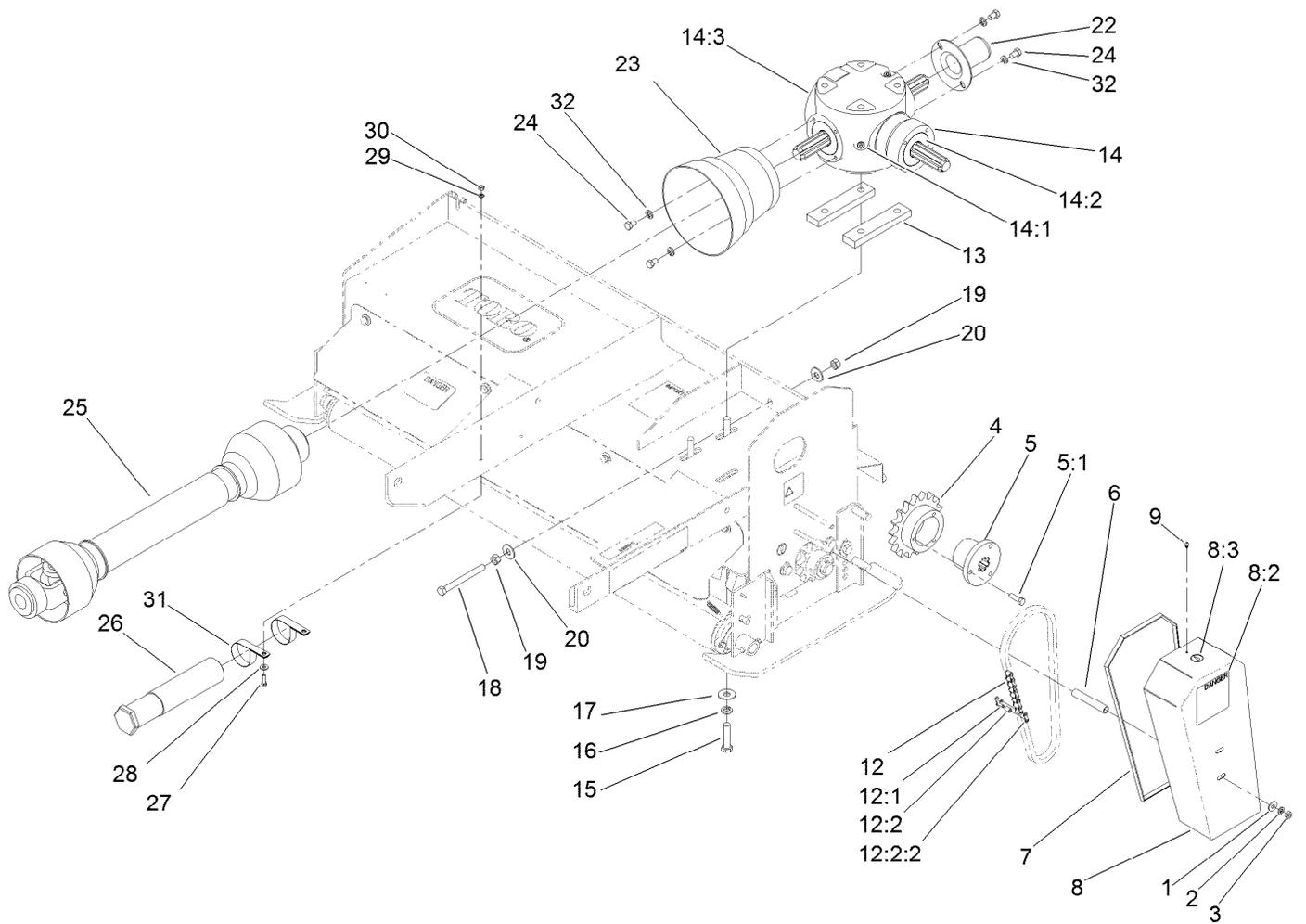
Blade Shaft Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	104-1288	1	Blade Shaft ASM	5	3253-7	4	Washer-Lock
1:1	01-283-0090	16	Thatcher-Blade	6	3217-9	4	Nut-HH
1:2	83-004-0311	15	Spacer-Blade	7	5-0698	1	Key
1:3	104-0580-01	1	Shaft-Blade, Square	8	01-168-2010	3	Bushing
1:4	83-005-1011	1	Locking Spacer ASM	9	01-168-2018	2	Bushing
1:5	01-191-2805	1	Nut-Jam	10	104-0596	1	Spacer-Shaft
2	01-100-0170	2	Bearing-Flange	11	01-168-2014	1	Bushing
2:1	302-2	1	Fitting-Grease	18	01-262-0190	1	Sprocket-11 Tooth
2:2	3246-17	1	Setscrew-HSH	18:1	3246-2	1	Screw-Set, HSH
3	108-1993	4	Screw-HSBH	19	100-7732	1	Guard-Shaft
4	3256-26	4	Washer-Flat	28	3272-23	2	Pin-Cotter



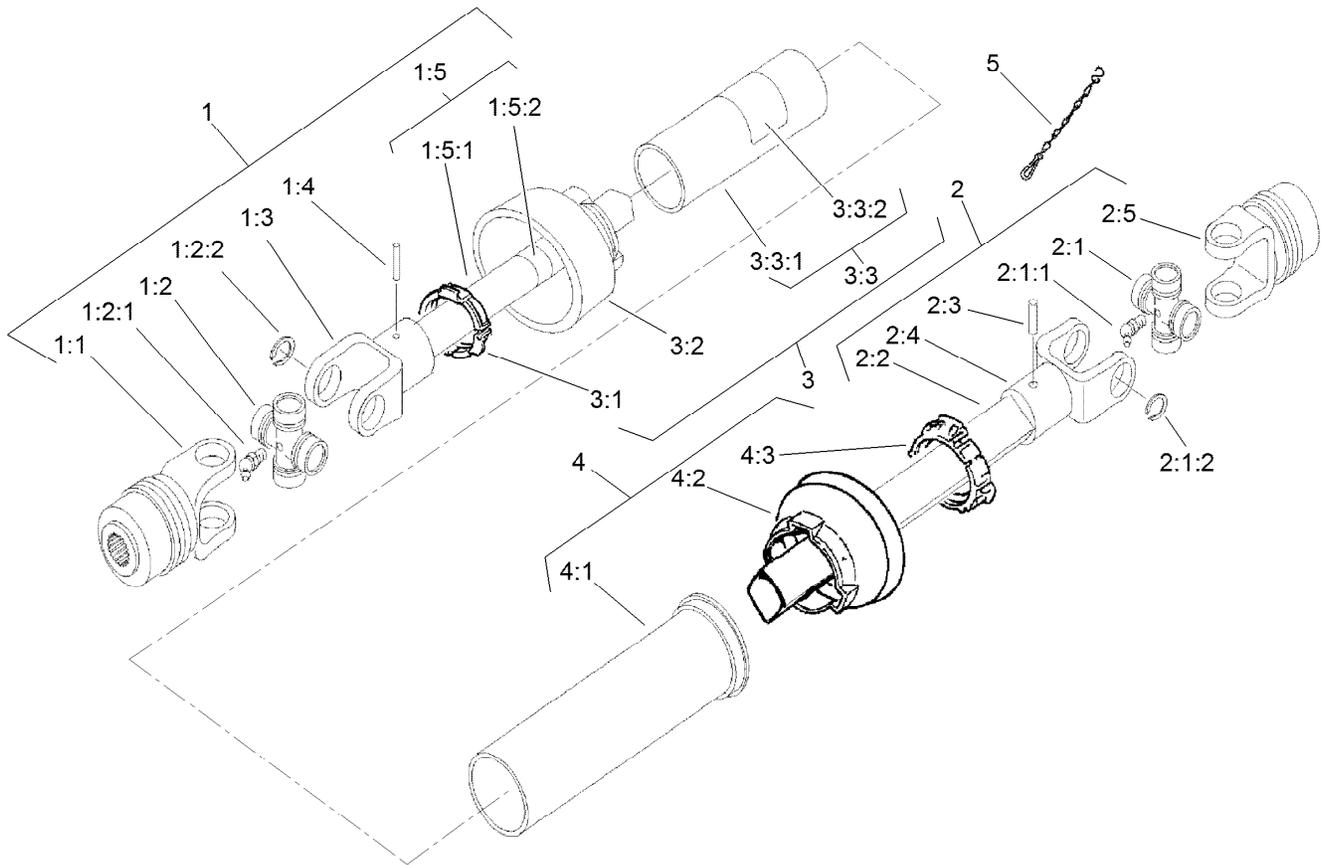
Roller and Scraper Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-2536	1	LH Skid ASM	12	83-004-0841-01	1	Shaft-Roller
2	104-2534	1	RH Skid ASM	13	322-6	6	Screw-HH
3	325-6	4	Screw-HH	14	3253-4	6	Washer-Lock
4	3256-6	8	Washer-Flat	15	3256-2	6	Washer-Flat
5	3253-7	4	Washer-Lock	16	83-004-0371	2	Spacer-Roller
6	3217-9	4	Nut-HH	17	01-261-0130	2	Spring-Extension
9	83-005-0042	1	Roller ASM	18	3272-48	6	Pin-Cotter
10	83-005-0072	1	Roller Wiper ASM	19	321-11	1	Screw-HH
11	01-100-0260	2	Bearing-Flange	20	3217-5	2	Nut-Hex
11:2	3245-35	1	Screw-Set, HSH				



Gearbox Mounting Assembly

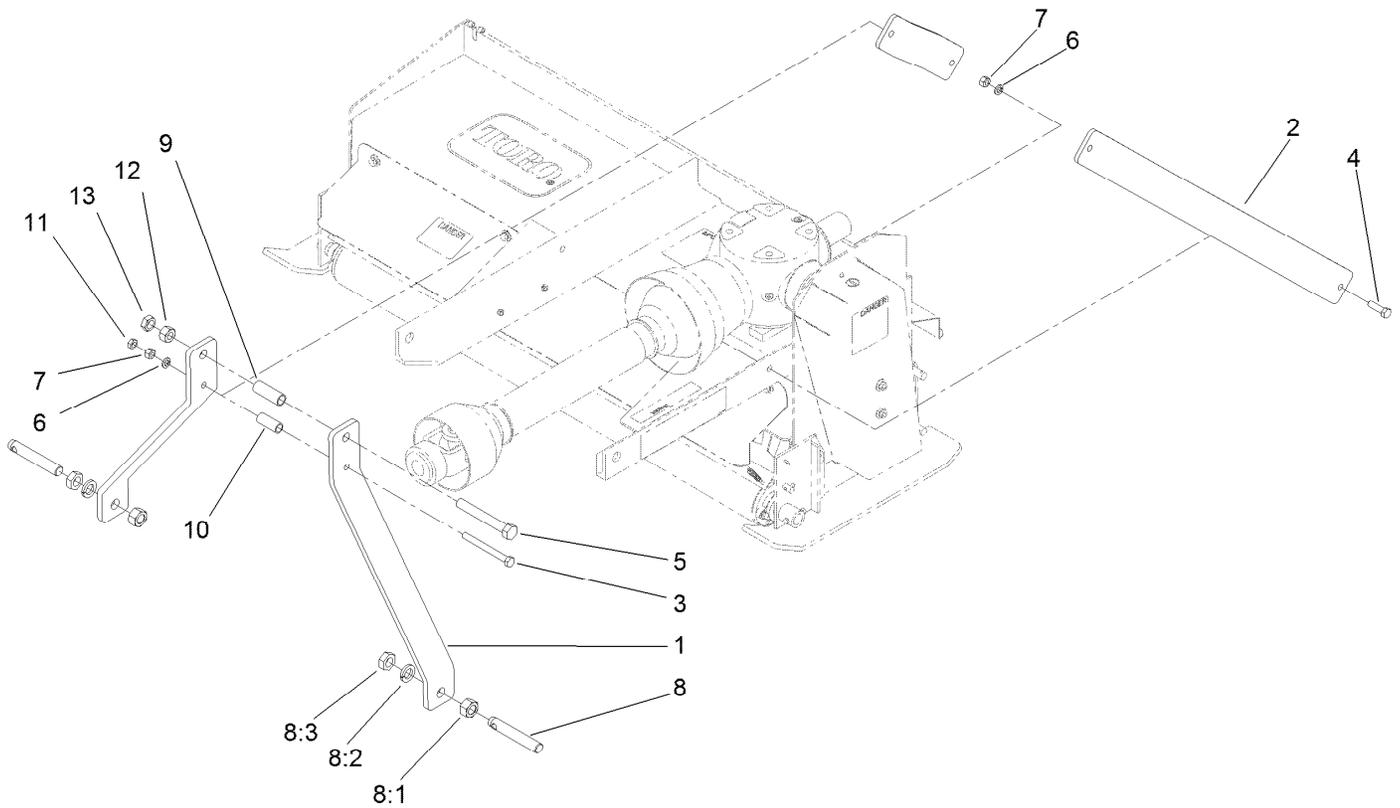
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3256-4	2	Washer-Flat	14:2	104-2549	3	Seal-Oil
2	3253-21	2	Washer-Lock	14:3	104-4201	1	Cover-Access, Gearbox
3	3217-7	2	Nut-Hex	15	104-1284	4	Screw-Cap HH
4	01-262-0060	1	Sprocket-18 Tooth	16	43-5950	4	Washer-Lock, Spring
5	104-0595	1	Bushing-Taper	17	104-0598	4	Washer-Flat
5:1	323-44	3	Screw-HH	18	104-0597	2	Screw-HH
6	83-004-0871	2	Spacer-Guard	19	3217-9	4	Nut-HH
7	83-004-0601	1	Seal-Guard, Edge	20	3256-6	4	Washer-Flat
8	104-2516	1	Chain Guard Cover ASM	22	104-0591	1	Cover-Gearbox Shaft
8:2	01-506-0050	1	Decal-Guard, Chain	23	104-0592	1	Cone-Shield, PTO
8:3	58-6520	1	Decal-Grease	24	33115-016	4	Screw-HH
9	302-22	1	Fitting-Grease	25	104-0590	1	Driveshaft-PTO
12	114-4106	1	Roller Chain Kit	26	74-0720	1	Tube-Manual
12:1	01-251-0170	1	Link-Offset	27	321-5	2	Screw-HH
12:2	83-004-0511	1	Roller-Chain	28	3256-2	2	Washer-Flat
12:2:2	01-251-0180	1	Link-Connector	29	3253-3	2	Washer-Lock
13	104-0586	2	Spacer-Gearbox	30	3217-5	2	Nut-Hex
14	104-0589	1	Gearbox	31	2412-133	2	R-Clamp
14:1	285-21	3	Plug-Pipe	32	3253-6	4	Washer-Lock



Driveshaft Assembly No. 104-0590

Ref.	Part Number	Qty.	Description
1	104-0339	1	Shaft-Half
1:1	01-282-2240	1	Yoke-Rs
1:2	01-282-0300	1	Joint-Cross, PTO
1:2:1	01-282-0320	1	Fitting-Grease
1:2:2	01-282-2250	4	Circlip
1:3	01-282-2050	1	Yoke-Tube, Outer
1:4	01-282-2060	1	Pin-Flexible
1:5	104-0345	1	Cardan Tube ASM
1:5:1	104-0333	1	Tube-Cardan
1:5:2	104-0335	1	Decal
2	104-0340	1	Shaft-Half
2:1	01-282-0300	1	Joint-Cross, PTO
2:1:1	01-282-0320	1	Fitting-Grease
2:1:2	01-282-1550	4	Circlip
2:2	104-0334	1	Tube-Cardan

Ref.	Part Number	Qty.	Description
2:3	01-282-2090	1	Pin-Flexible
2:4	01-282-2100	1	Yoke-Tube, Inner
2:5	104-2509	1	Yoke-Twist Lock
3	104-0341	1	Shield-Half, Safety
3:1	01-282-0370	1	Bearing-Sheild
3:2	01-282-0390	1	Cone-Tube, Outer
3:3	104-0344	1	Safety Tube ASM
3:3:1	104-0337	1	Tube-Safety
3:3:2	104-0336	1	Decal
4	104-0342	1	Shield-Half, Safety
4:1	104-0338	1	Tube-Safety
4:2	01-282-0400	1	Cone-Tube, Inner
4:3	01-282-0380	1	Bearing-Shield
5	77-4760	1	Chain-Safety



Mounting Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	83-004-0291	2	Arm-Mount	8:1	3220-8	1	Nut-Jam
2	83-004-0302	2	Stabilizer Arm	8:2	3253-28	1	Washer-Lock/Sp
3	325-19	1	Screw-HH	8:3	3219-8	1	Nut-Hex
4	325-6	2	Screw-HH	9	83-004-0381	1	Spacer-3 Pt Hitch, Top
5	328-12	1	Screw-HH	10	83-004-0391	1	Spacer-3 Pt Hitch, Bottom
6	3253-7	3	Washer-Lock	11	3218-5	1	Nut-Jam
7	3217-9	3	Nut-HH	12	3217-12	1	Nut-Hex
8	01-252-0010	2	Lift Arm Pin Adjustment ASM	13	3218-7	1	Nut-Jam

Attachments and Accessories

For 44830 Aerothatch 83

Product Name	Model/Part
12 Ga Thatcher Blade Shaft Asm.....	100-7734
10 Ga Thatcher Blade Shaft Asm.....	104-1285
7 Ga Thatcher Blade Shaft Asm	104-1286
1 Inch Spa Thatcher Blade Shaft Asm	104-1287
Blade Shaft Asm	104-1288

Notes:



Count on it.