Form No. 3367-860 Rev C

TORO®

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

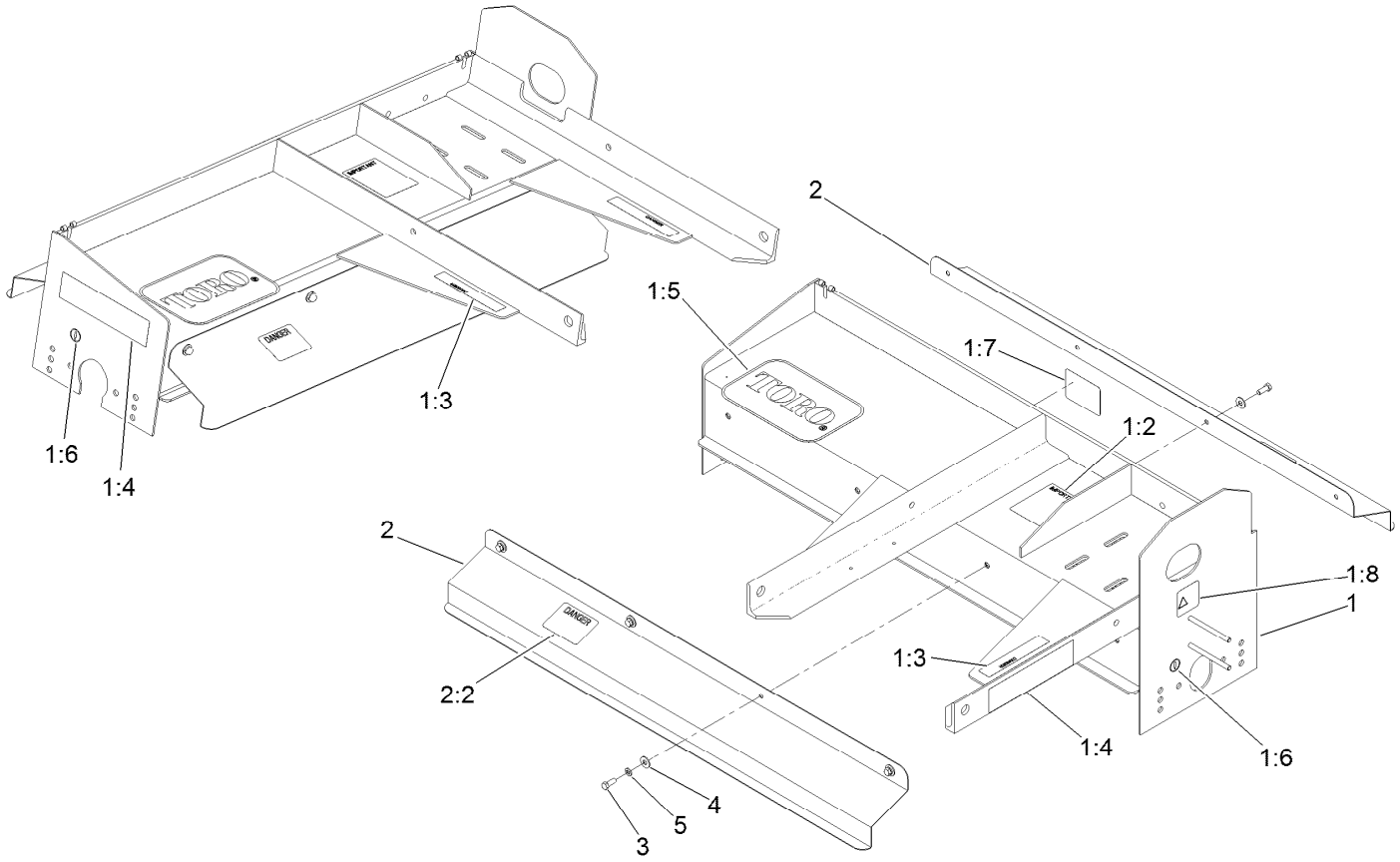
TTH: torx truss head

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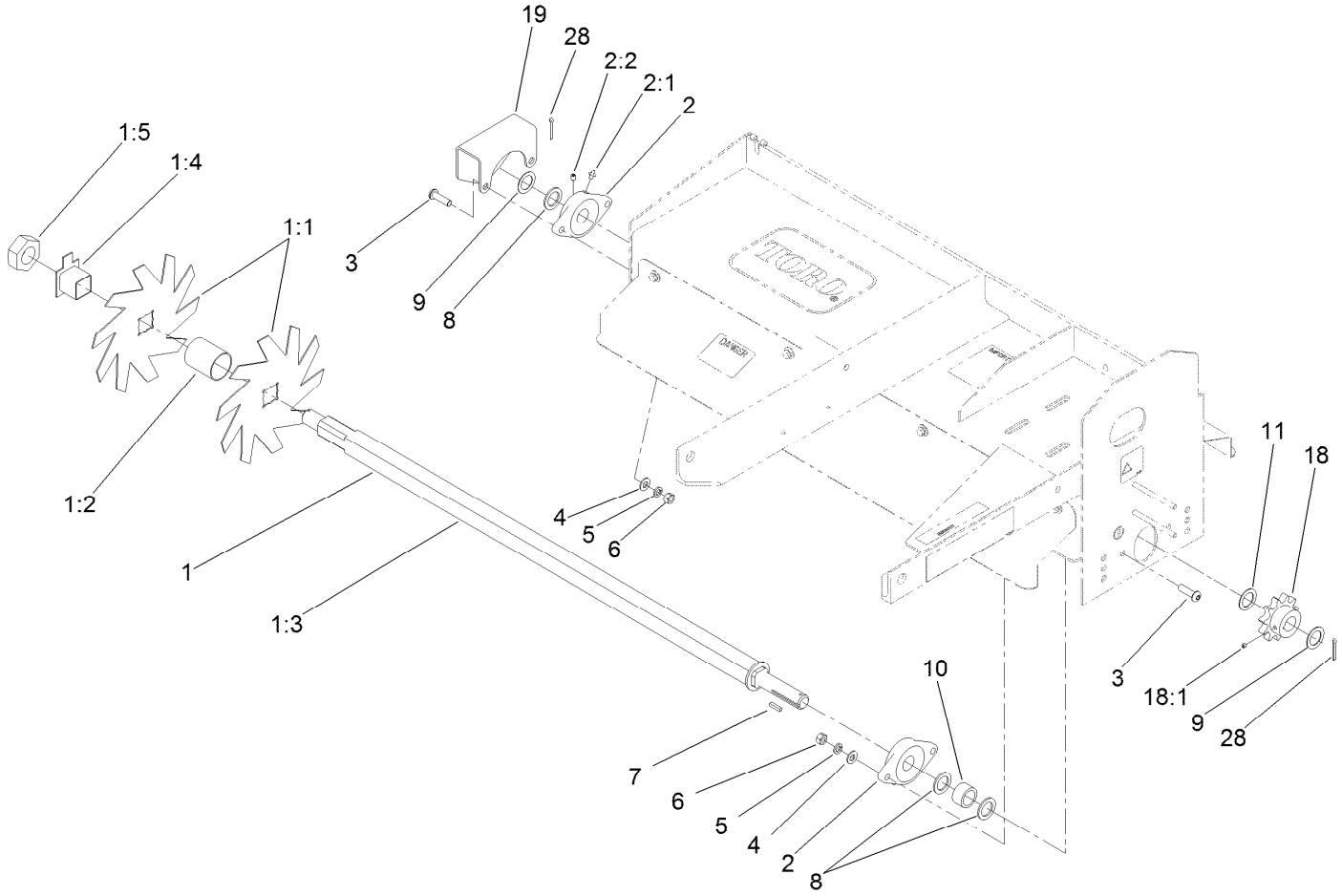
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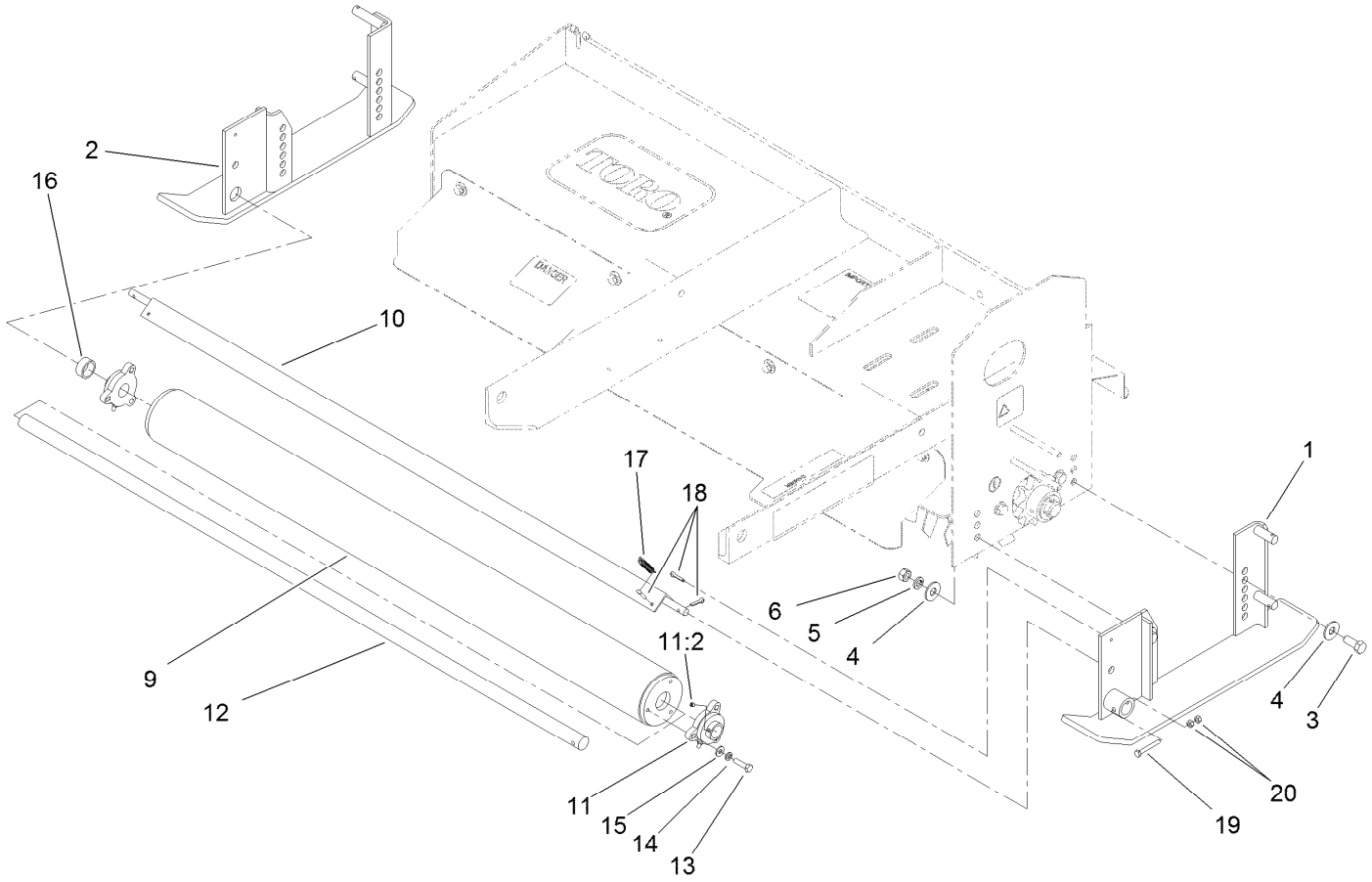
Main Frame Assembly

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

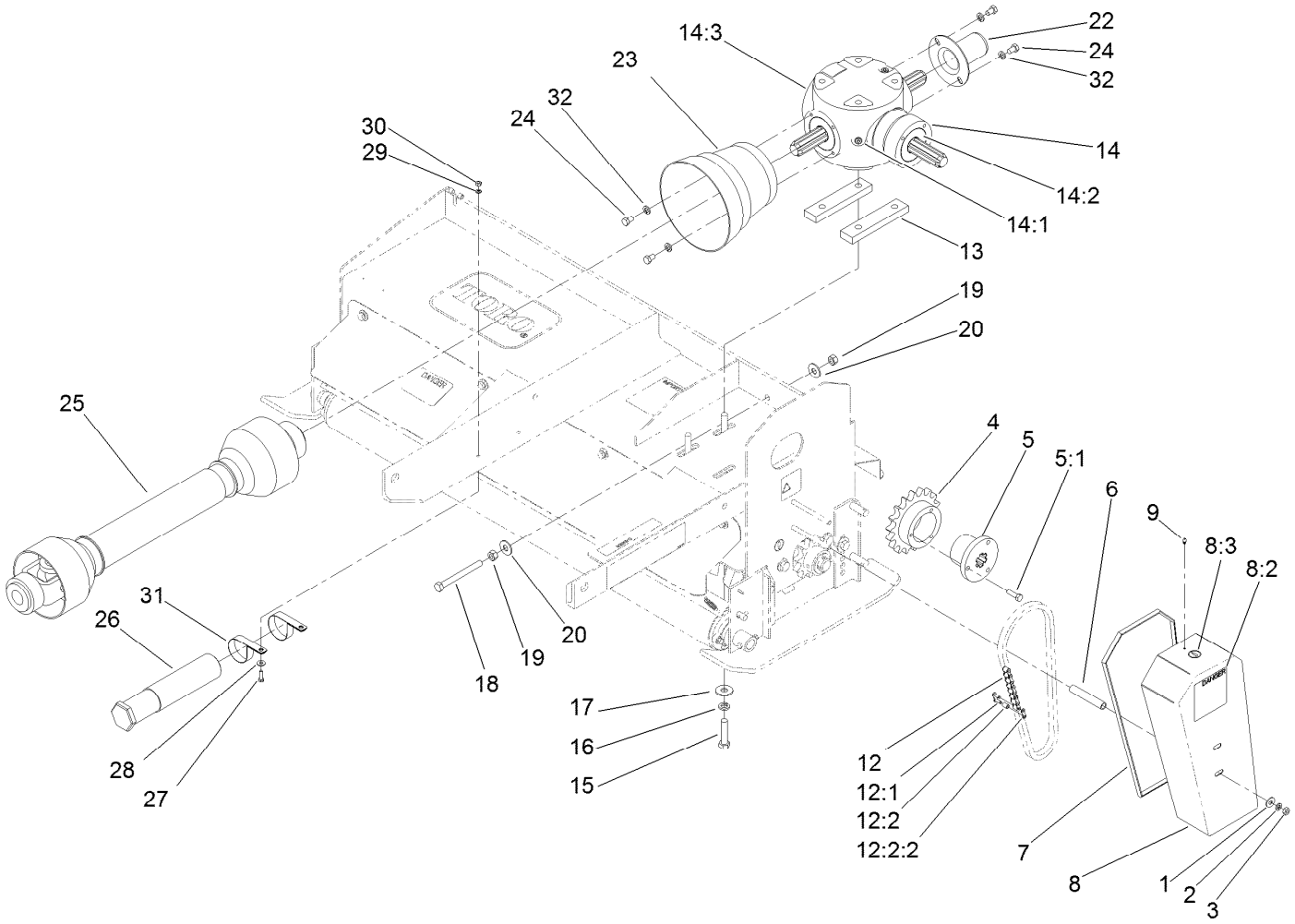
Ref.	Part Number	Qty.	Description
1	104-1288	1	Blade Shaft ASM
1:1	01-283-0090	16	Thatcher-Blade
1:2	83-004-0311	15	Spacer-Blade
1:3	104-0580-01	1	Shaft-Blade, Square
1:4	83-005-1011	1	Locking Spacer ASM
1:5	01-191-2805	1	Nut-Jam
2	01-100-0170	2	Bearing-Flange
2:1	302-2	1	Fitting-Grease
2:2	3246-17	1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



Roller and Scraper Assembly

Ref.	Part Number	Qty.	Description
1	104-2536	1	LH Skid ASM
2	104-2534	1	RH Skid ASM
3	325-6	4	Screw-HH
4	3256-6	8	Washer-Flat
5	3253-7	4	Washer-Lock
6	3217-9	4	Nut-HH
9	83-005-0042	1	Roller ASM
10	83-005-0072	1	Roller Wiper ASM
11	01-100-0260	2	Bearing-Flange
11:2	3245-35	1	Screw-Set, HSH

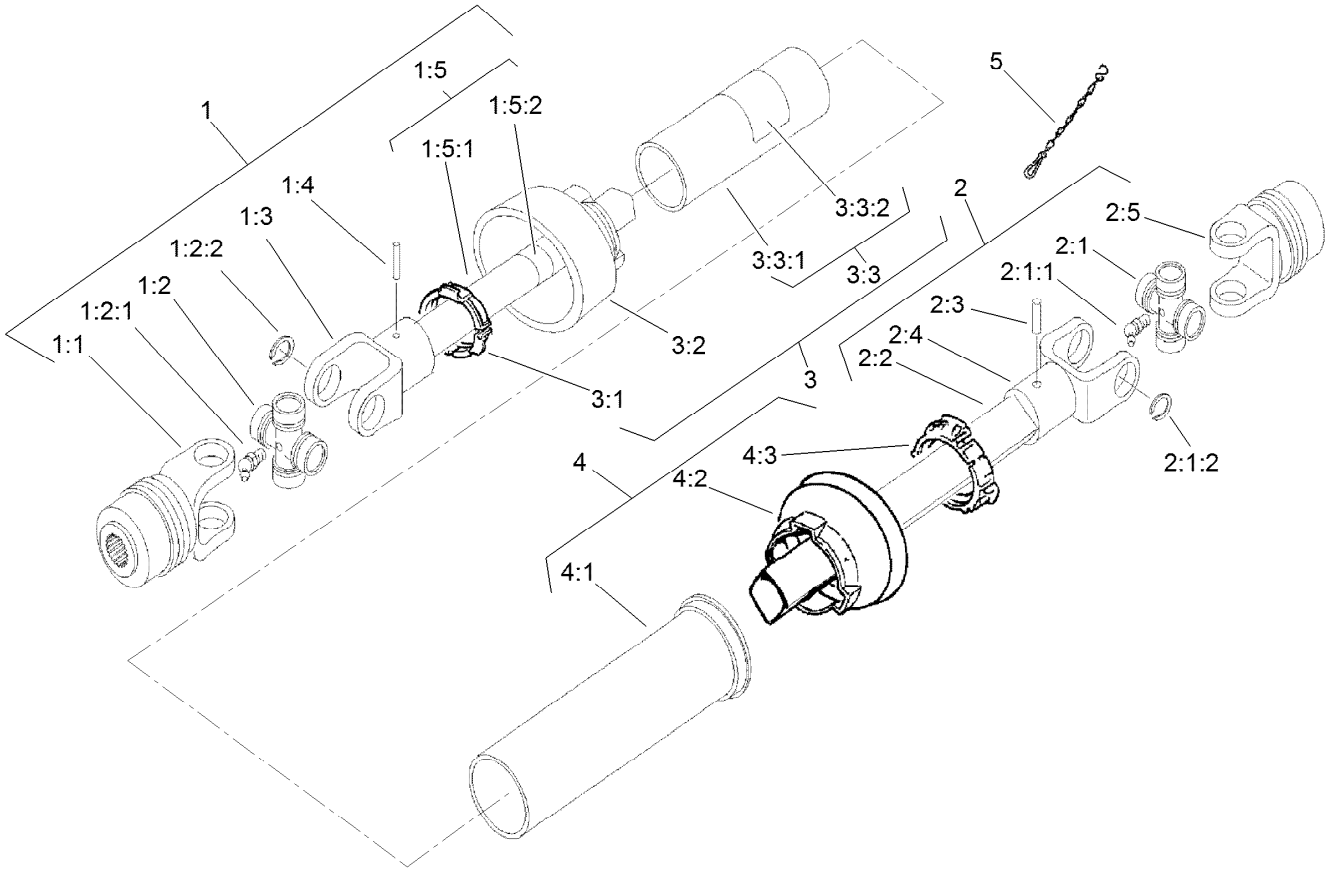
Ref.	Part Number	Qty.	Description
12	83-004-0841-01	1	Shaft-Roller
13	322-6	6	Screw-HH
14	3253-4	6	Washer-Lock
15	3256-2	6	Washer-Flat
16	83-004-0371	2	Spacer-Roller
17	01-261-0130	2	Spring-Extension
18	3272-48	6	Pin-Cotter
19	321-11	1	Screw-HH
20	3217-5	2	Nut-Hex



Gearbox Mounting Assembly

Ref.	Part Number	Qty.	Description
1	3256-4	2	Washer-Flat
2	3253-21	2	Washer-Lock
3	3217-7	2	Nut-Hex
4	01-262-0060	1	Sprocket-18 Tooth
5	104-0595	1	Bushing-Taper
5:1	323-44	3	Screw-HH
6	83-004-0871	2	Spacer-Guard
7	83-004-0601	1	Seal-Guard, Edge
8	104-2516	1	Chain Guard Cover ASM
8:2	01-506-0050	1	Decal-Guard, Chain
8:3	58-6520	1	Decal-Grease
9	302-22	1	Fitting-Grease
12	114-4106	1	Roller Chain Kit
12:1	01-251-0170	1	Link-Offset
12:2	83-004-0511	1	Roller-Chain
12:2:2	01-251-0180	1	Link-Connector
13	104-0586	2	Spacer-Gearbox
14	104-0589	1	Gearbox
14:1	285-21	3	Plug-Pipe

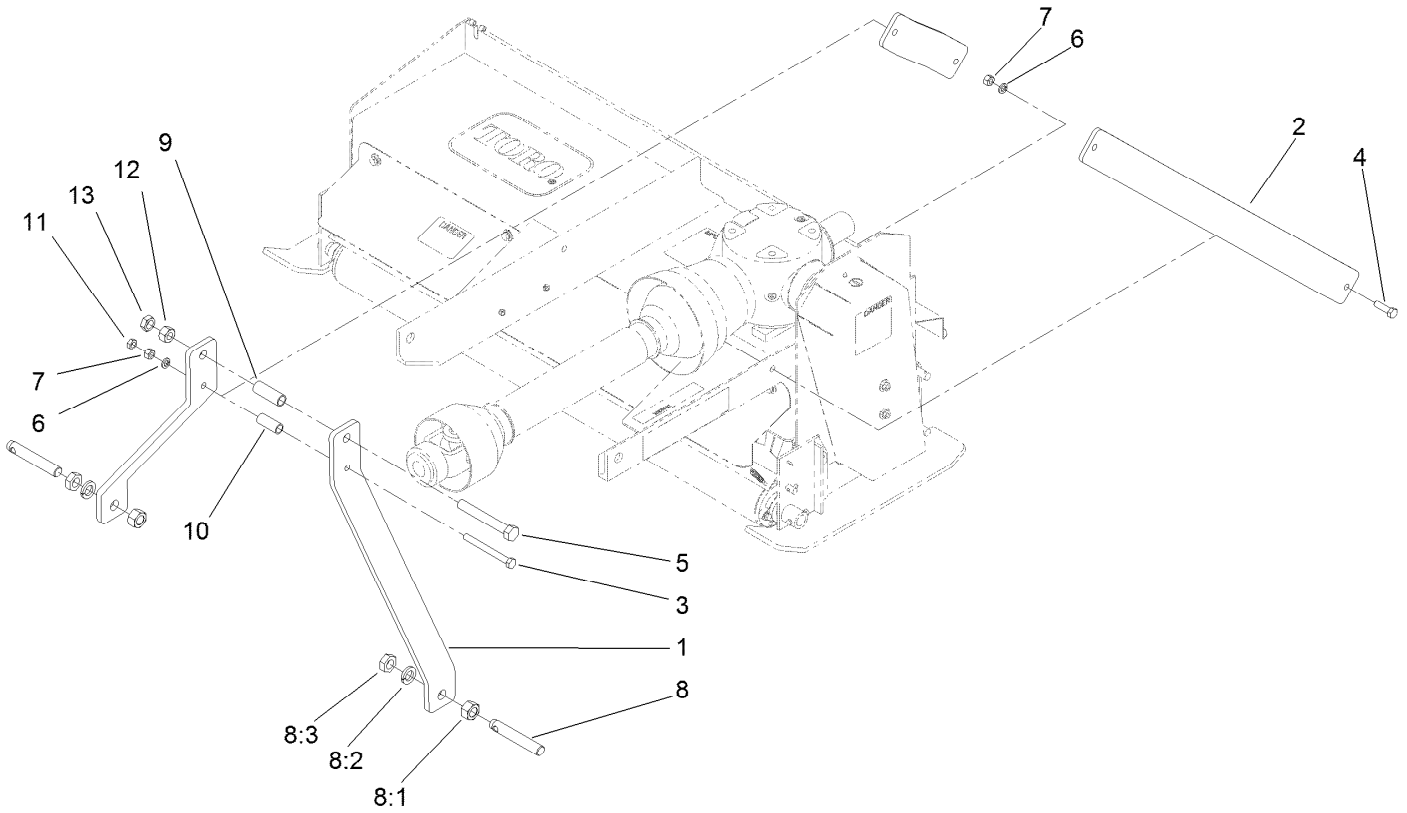
Ref.	Part Number	Qty.	Description
14:2	104-2549	3	Seal-Oil
14:3	104-4201	1	Cover-Access, Gearbox
15	104-1284	4	Screw-Cap HH
16	43-5950	4	Washer-Lock, Spring
17	104-0598	4	Washer-Flat
18	104-0597	2	Screw-HH
19	3217-9	4	Nut-HH
20	3256-6	4	Washer-Flat
22	104-0591	1	Cover-Gearbox Shaft
23	104-0592	1	Cone-Shield, PTO
24	33115-016	4	Screw-HH
25	104-0590	1	Driveshaft-PTO
26	74-0720	1	Tube-Manual
27	321-5	2	Screw-HH
28	3256-2	2	Washer-Flat
29	3253-3	2	Washer-Lock
30	3217-5	2	Nut-Hex
31	2412-133	2	R-Clamp
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
1	83-004-0291	2	Arm-Mount
2	83-004-0302	2	Stabilizer Arm
3	325-19	1	Screw-HH
4	325-6	2	Screw-HH
5	328-12	1	Screw-HH
6	3253-7	3	Washer-Lock
7	3217-9	3	Nut-HH
8	01-252-0010	2	Lift Arm Pin Adjustment ASM

Ref.	Part Number	Qty.	Description
8:1	3220-8	1	Nut-Jam
8:2	3253-28	1	Washer-Lock/Sp
8:3	3219-8	1	Nut-Hex
9	83-004-0381	1	Spacer-3 Pt Hitch, Top
10	83-004-0391	1	Spacer-3 Pt Hitch, Bottom
11	3218-5	1	Nut-Jam
12	3217-12	1	Nut-Hex
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.