Form Number 3359-404 Rev A

# 60in DFS E-Z Vac™ Collection System
## Z500 Series Z Master® Mowers

**Model No. 78544 - 280000001 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.

© The Toro Company - 2007
All Rights Reserved

Register your product at www.Toro.com

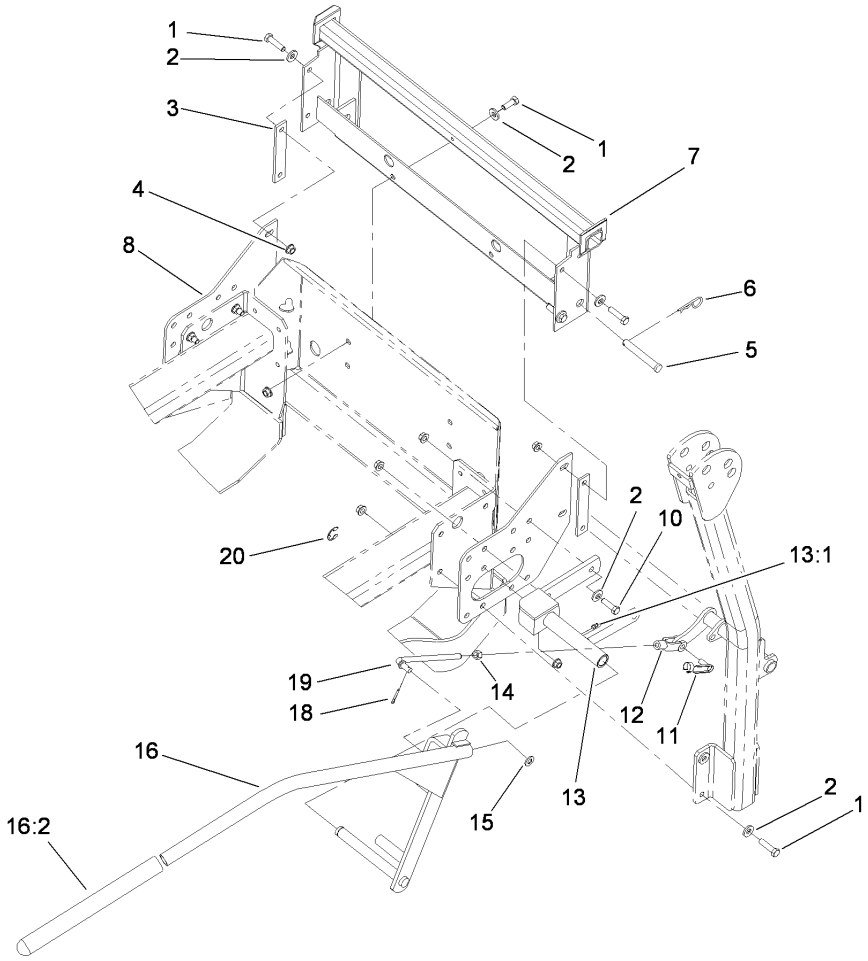
# Contents


| Description | Page |
|---|---|
| Z590-D Series Bagger Mounting Assembly | 3 |
| Z580-D Series Bagger Mounting Assembly | 4 |
| Z500 Gas Series Units Bagger Mounting Assembly | 5 |
| Hood Assembly | 6 |
| Tube Assembly | 7 |
| Weight Assembly | 8 |
| Bagger Assembly | 9 |


# Part Description Abbreviations

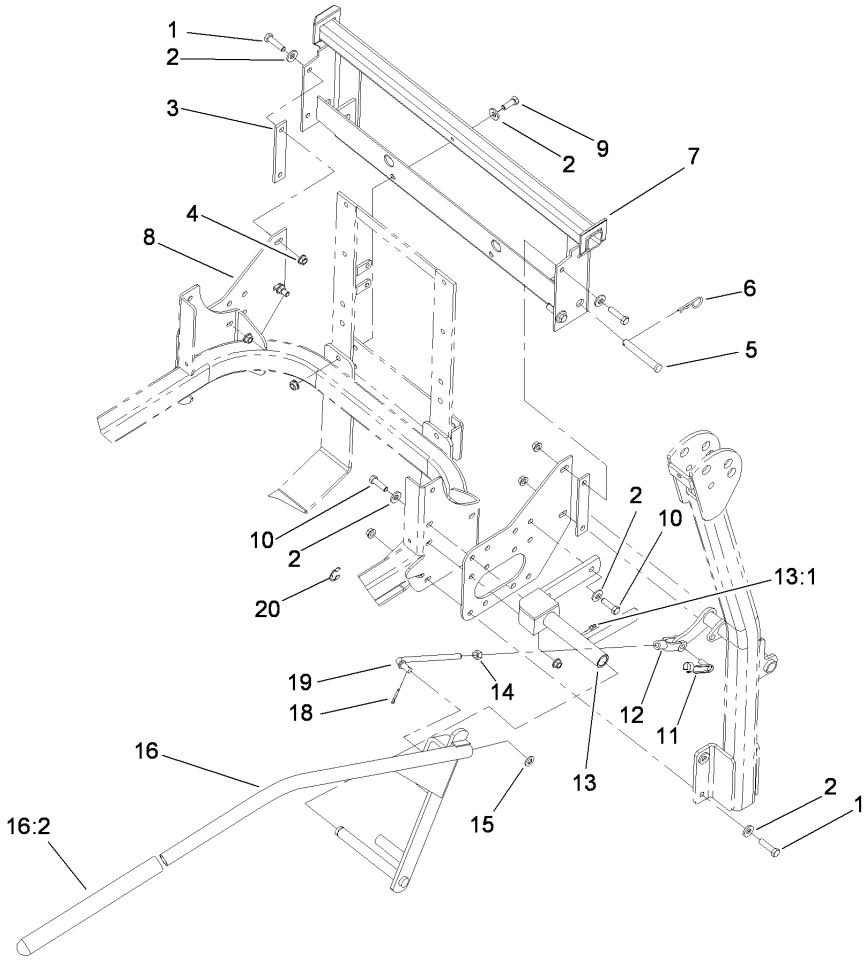
Part descriptions in this catalog may include the following abbreviations.

| | |
|---|---|
| AR | as required |
| ASM | assembly |
| BBC | blade brake clutch |
| CARR | carriage |
| DEG | degrees |
| 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 |
| 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 |
| 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 |



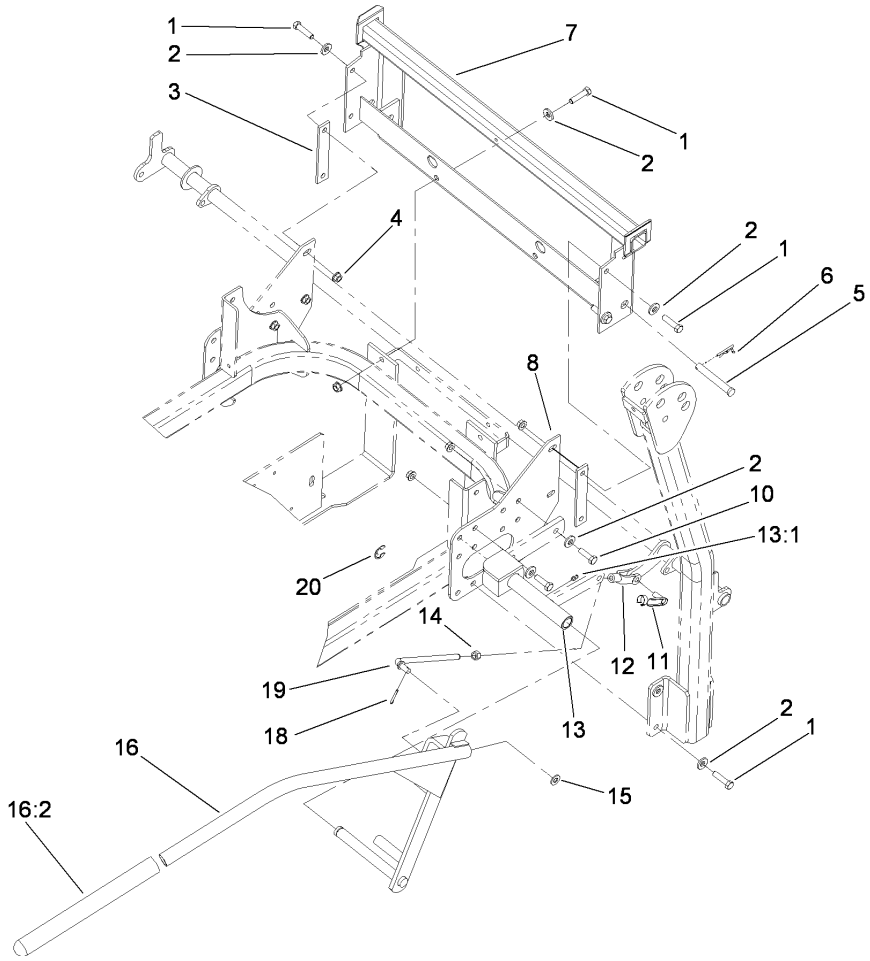

# Z590-D Series
# Bagger Mounting Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 323-8 | 14 | Screw-HH |
| 2 | 98-5975 | 17 | Washer-Belleville |
| 3 | 103-1155-03 | 2 | Spacer |
| 4 | 3290-357 | 17 | Nut-HHF, Whiz |
| 5 | 283-69 | 2 | Pin-Clevis |
| 6 | 1-806005 | 2 | Pin-Hair |
| 7 | 103-0429-03 | 1 | Mount-Bagger |
| 8 | 110-0830-03 | 2 | Plate-Mount, Bagger |
| 10 | 323-7 | 3 | Screw-HH |
| 11 | 103-2399 | 1 | Pin-Spring, Clevis |
| 12 | 1-633131 | 1 | Yoke-Linkage, Brake |
| 13 | 114-8243-03 | 1 | Handle-Mount |
| 13:1 | 302-19 | 1 | Fitting-Grease |
| 14 | 3219-3 | 1 | Nut-Hex |
| 15 | 3256-24 | 1 | Washer-Flat |
| 16 | 115-3568 | 1 | Handle ASM |
| 16:2 | 103-3005 | 1 | Grip-Handle |
| 18 | 3272-10 | 1 | Pin-Cotter |
| 19 | 103-2413 | 1 | Link-Handle |
| 20 | 32151-48 | 1 | E-Ring |



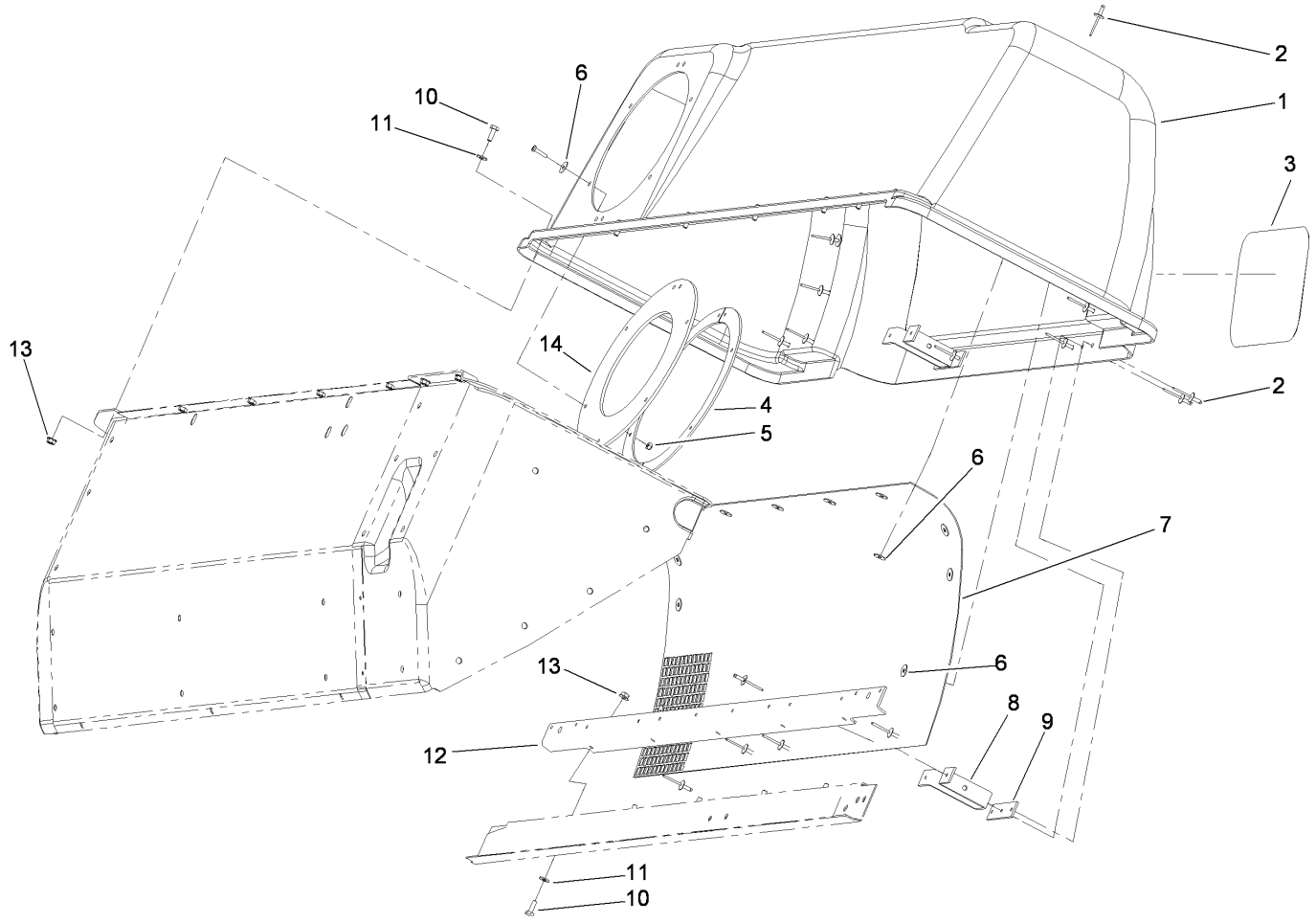

# Z580-D Series
# Bagger Mounting Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 323-8 | 14 | Screw-HH |
| 2 | 98-5975 | 16 | Washer-Belleville |
| 3 | 103-1155-03 | 2 | Spacer |
| 4 | 3290-357 | 16 | Nut-HHF, Whiz |
| 5 | 283-69 | 2 | Pin-Clevis |
| 6 | 1-806005 | 2 | Pin-Hair |
| 7 | 103-0429-03 | 1 | Mount-Bagger |
| 8 | 110-0830-03 | 2 | Plate-Mount, Bagger |
| 9 | 323-6 | 2 | Screw-HH |
| 10 | 323-7 | 2 | Screw-HH |
| 11 | 103-2399 | 1 | Pin-Spring, Clevis |
| 12 | 1-633131 | 1 | Yoke-Linkage, Brake |
| 13 | 114-8243-03 | 1 | Handle-Mount |
| 13:1 | 302-19 | 1 | Fitting-Grease |
| 14 | 3219-3 | 1 | Nut-Hex |
| 15 | 3256-24 | 1 | Washer-Flat |
| 16 | 115-3568 | 1 | Handle ASM |
| 16:2 | 103-3005 | 1 | Grip-Handle |
| 18 | 3272-10 | 1 | Pin-Cotter |
| 19 | 103-2413 | 1 | Link-Handle |
| 20 | 32151-48 | 1 | E-Ring |



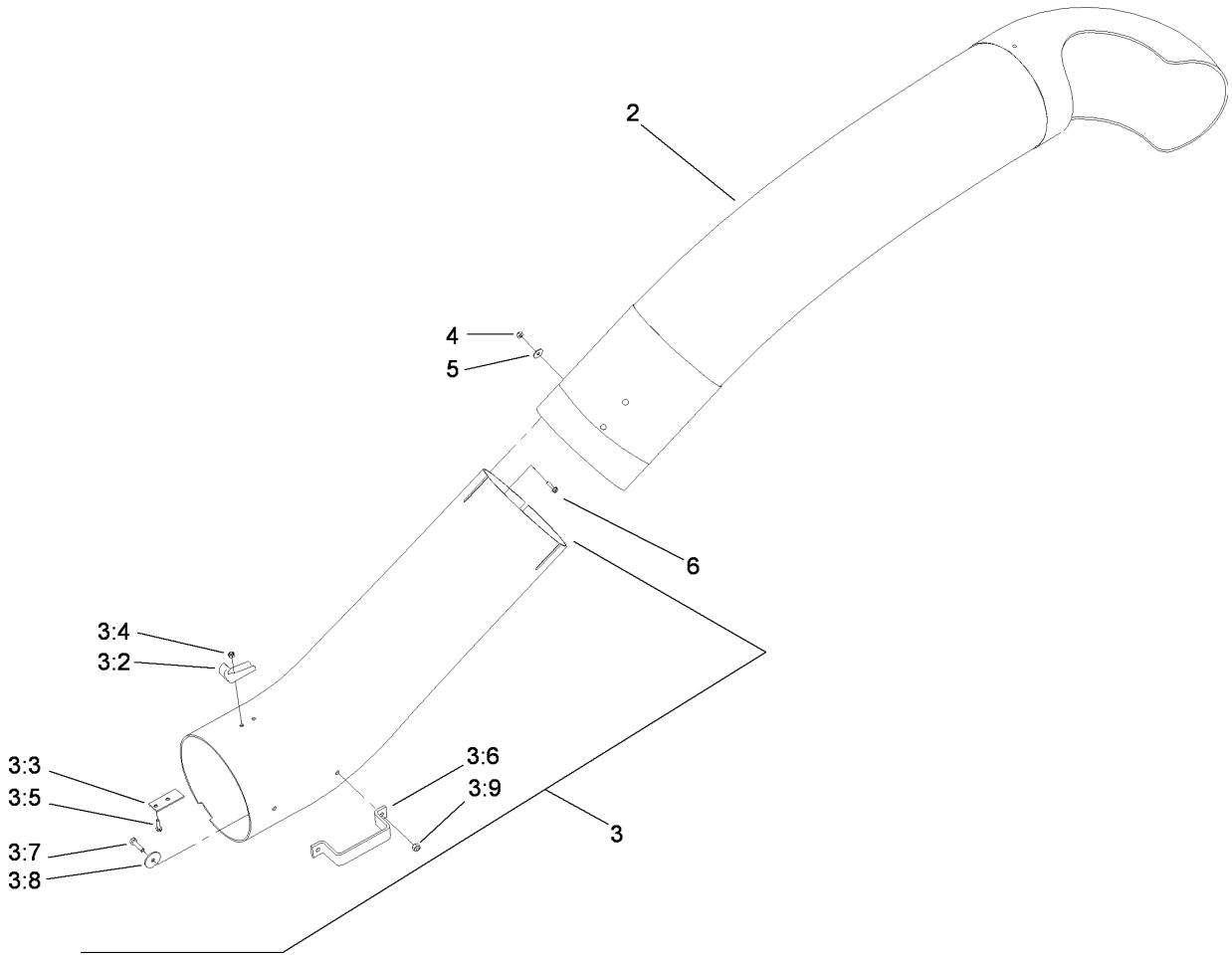

# Z500 Gas Series Units
# Bagger Mounting Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 323-8 | 14 | Screw-HH |
| 2 | 98-5975 | 17 | Washer-Belleville |
| 3 | 103-1155-03 | 2 | Spacer |
| 4 | 3290-357 | 17 | Nut-HHF, Whiz |
| 5 | 283-69 | 2 | Pin-Clevis |
| 6 | 1-806005 | 2 | Pin-Hair |
| 7 | 103-0429-03 | 1 | Mount-Bagger |
| 8 | 110-0830-03 | 2 | Plate-Mount, Bagger |
| 10 | 323-7 | 3 | Screw-HH |
| 11 | 103-2399 | 1 | Pin-Spring, Clevis |
| 12 | 1-633131 | 1 | Yoke-Linkage, Brake |
| 13 | 114-8243-03 | 1 | Handle-Mount |
| 13:1 | 302-19 | 1 | Fitting-Grease |
| 14 | 3219-3 | 1 | Nut-Hex |
| 15 | 3256-24 | 1 | Washer-Flat |
| 16 | 115-3568 | 1 | Handle ASM |
| 16:2 | 103-3005 | 1 | Grip-Handle |
| 18 | 3272-10 | 1 | Pin-Cotter |
| 19 | 103-2413 | 1 | Link-Handle |
| 20 | 32151-48 | 1 | E-Ring |



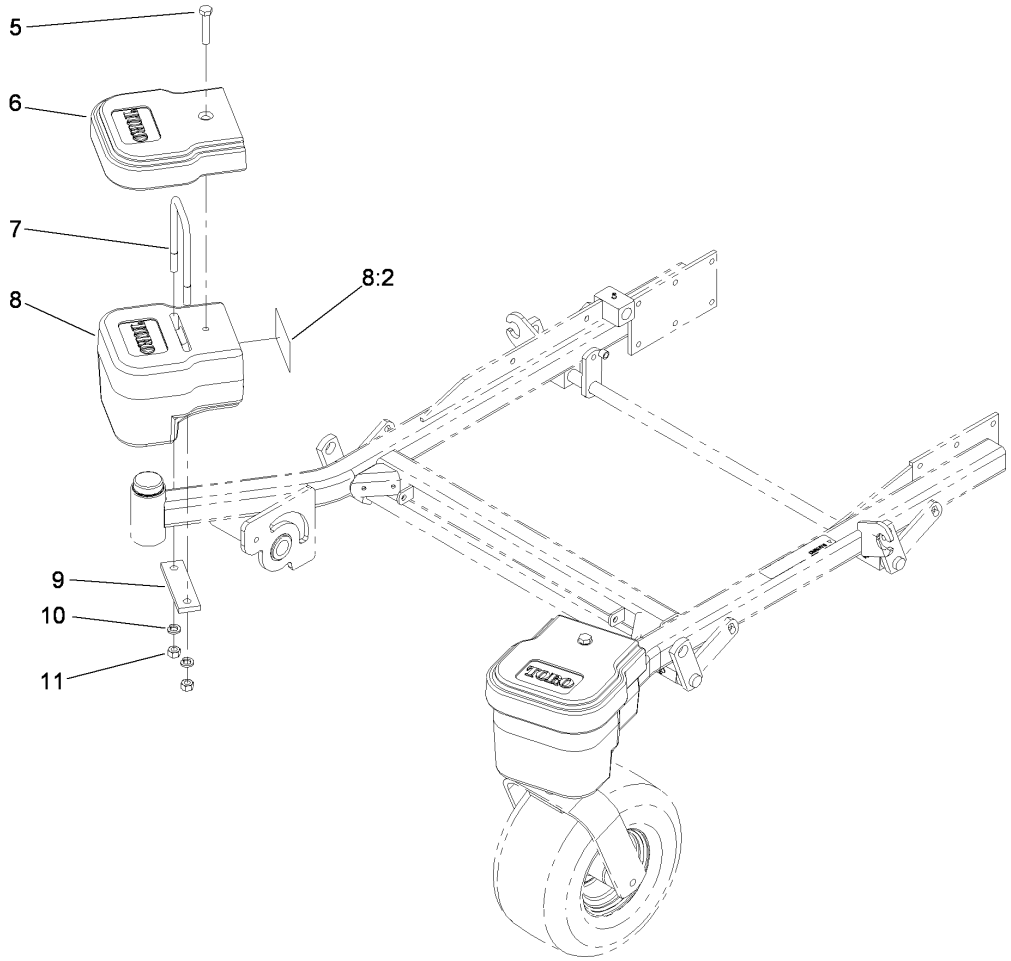

# Hood Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 114-8246 | 1 | Dfs Hood ASM |
| 2 | 114439 | 33 | Rivet-Pop |
| 3 | 67-7310 | 1 | Decal |
| 4 | 103-0378 | 2 | Clamp-Seal |
| 5 | 3296-2 | 6 | Nut-Lock |
| 6 | 3256-61 | 23 | Washer-Flat |
| 7 | 103-0440 | 1 | Screen-Bagger |
| 8 | 103-0379 | 2 | Bracket-Mount |
| 9 | 103-0376 | 2 | Plate-Latch, Reinforcement |
| 10 | 321-4 | 12 | Screw-HH |
| 11 | 3256-22 | 12 | Washer-Flat |
| 12 | 103-2662-03 | 1 | Support-Screen |
| 13 | 32128-33 | 12 | Nut-HF |
| 14 | 103-0439 | 1 | Seal-Tube |



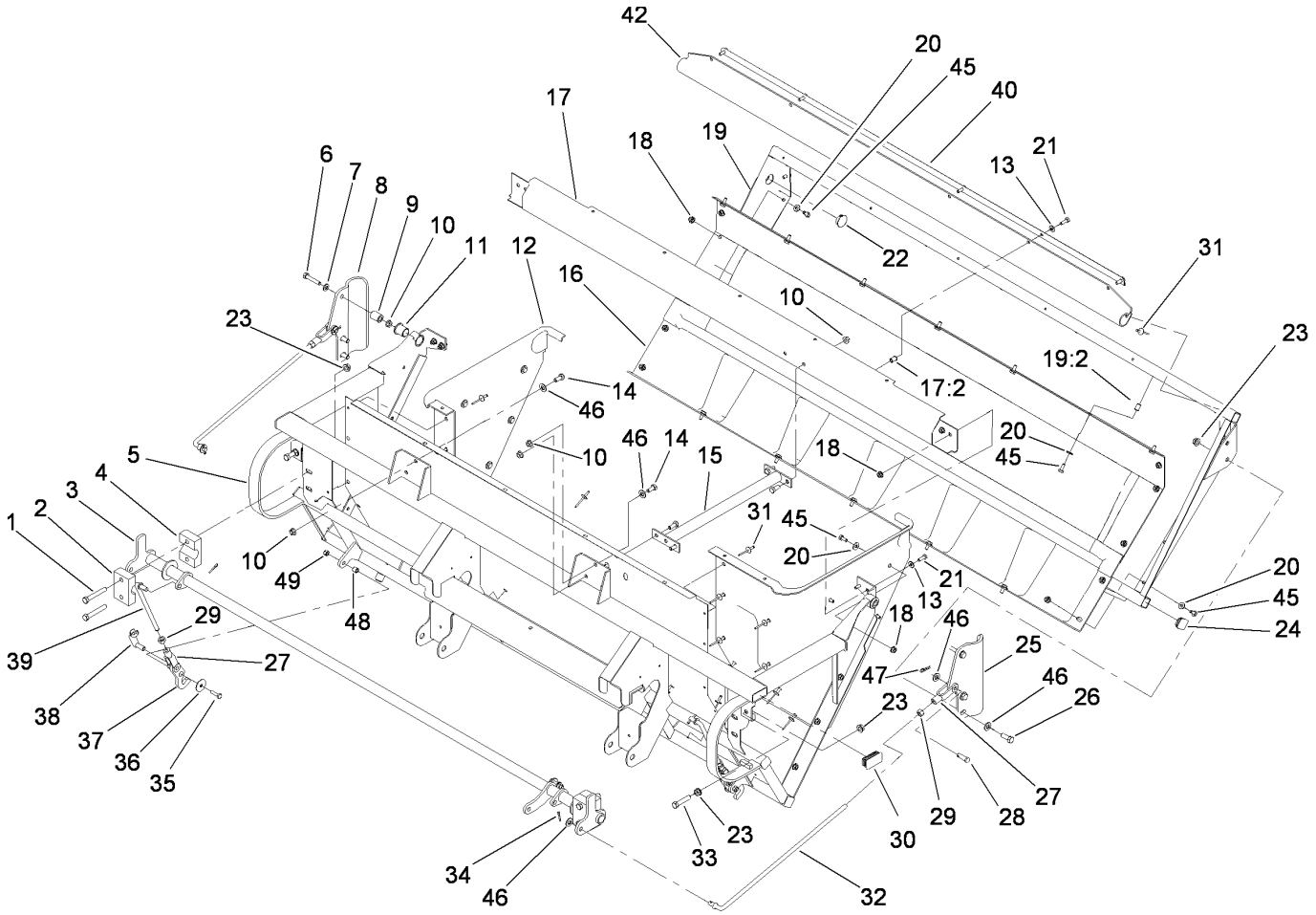

# Tube Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 2 | 109-3525 | 1 | Tube-Upper |
| 3 | 109-1973 | 1 | Lower Tube ASM |
| 3:2 | 103-2897 | 2 | Latch-Catch |
| 3:3 | 103-3079 | 2 | Plate-Backing |
| 3:4 | 3296-2 | 4 | Nut-Lock |
| 3:5 | 32105-13 | 4 | Screw-HWH |
| 3:6 | 1-353005-03 | 1 | Handle |
| 3:7 | 321-6 | 2 | Screw-HH |
| 3:8 | 3256-55 | 2 | Washer-Flat |
| 3:9 | 3296-42 | 2 | Nut-Lock, NI |
| 4 | 3296-2 | 3 | Nut-Lock |
| 5 | 3256-61 | 3 | Washer-Flat |
| 6 | 32105-13 | 3 | Screw-HWH |




# Weight Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 5 | 325-10 | 2 | Screw-HH |
| 6 | 106-0870 | 2 | Weight |
| 7 | 106-5543 | 2 | U-Bolt |
| 8 | 106-0872 | 2 | Weight ASM |
| 8:2 | 106-0871 | 1 | Decal-Warning, Counterweight |
| 9 | 105-9672-01 | 2 | Plate |
| 10 | 3253-27 | 4 | Washer-Lock |
| 11 | 3217-9 | 4 | Nut-HH |




# Bagger Assembly

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 323-12 | 4 | Screw-HH |
| 2 | 103-8057 | 1 | Block-Bearing |
| 3 | 103-2412-03 | 1 | Link-Intermediate |
| 4 | 103-2409 | 3 | Bearing, Block Half |
| 5 | 103-4742-03 | 1 | Bagger Upright |
| 6 | 322-9 | 2 | Screw-HH |
| 7 | 3256-23 | 2 | Washer-Flat |
| 8 | 103-3331-03 | 1 | Arm-Hinge, RH |
| 9 | 103-2361 | 2 | Pin-Pivot, Hinge |
| 10 | 32128-20 | 8 | Nut-HF |
| 11 | 103-2377 | 2 | Bushing |
| 12 | 103-7827 | 1 | Panel-Bagger, RH |
| 13 | 3256-22 | 10 | Washer-Flat |
| 14 | 322-3 | 6 | Screw-HH |
| 15 | 103-2414-03 | 1 | Support |
| 16 | 103-2383 | 1 | Bag And Bottom Panel ASM |
| 17 | 103-2710 | 1 | Rear Crossmember ASM |
| 17:2 | 32148-6 | 6 | Insert-Nut |
| 18 | 32128-33 | 24 | Nut-HF |
| 19 | 103-2737 | 1 | Door ASM |
| 19:2 | 32148-6 | 12 | Insert-Nut |
| 20 | 3256-2 | 32 | Washer-Flat |
| 21 | 321-4 | 10 | Screw-HH |
| 22 | 103-8018 | 2 | Plug-Dome |

| Ref | Part No. | Qty. | Description |
|---|---|---|---|
| 23 | 3290-357 | 12 | Nut-HHF, Whiz |
| 24 | 103-3202 | 6 | Cap |
| 25 | 103-3332 | 1 | Arm-Hinge, LH |
| 26 | 323-6 | 4 | Screw-HH |
| 27 | 1-633131 | 4 | Yoke-Linkage, Brake |
| 28 | 1-808285 | 2 | Pin-Clevis |
| 29 | 3219-3 | 4 | Nut-Hex |
| 30 | 103-3201 | 2 | Cap |
| 31 | 114439 | 23 | Rivet-Pop |
| 32 | 103-2365 | 2 | Link-Hinge |
| 33 | 323-53 | 2 | Bolt-TAP |
| 34 | 3272-10 | 2 | Pin-Cotter |
| 35 | 321-6 | 2 | Screw-HH |
| 36 | 3256-55 | 2 | Washer-Flat |
| 37 | 103-3191-03 | 2 | Latch |
| 38 | 103-2399 | 2 | Pin-Spring, Clevis |
| 39 | 103-2413 | 2 | Link-Handle |
| 40 | 103-3010-03 | 1 | Strap-Hold Down |
| 42 | 103-2360 | 1 | Seal-Door Hinge |
| 45 | 321-3 | 32 | Screw-HH |
| 46 | 3256-24 | 10 | Washer-Flat |
| 47 | 1-806003 | 2 | Pin-Hair |
| 48 | 1-633545 | 2 | Spacer |
| 49 | 3296-42 | 2 | Nut-Lock, NI |

# NOTES

# NOTES


TORO®