



## DFS Vac Collection System 2005 and After 500 Series Z Master®

Model No. 78513 - 250001001 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.

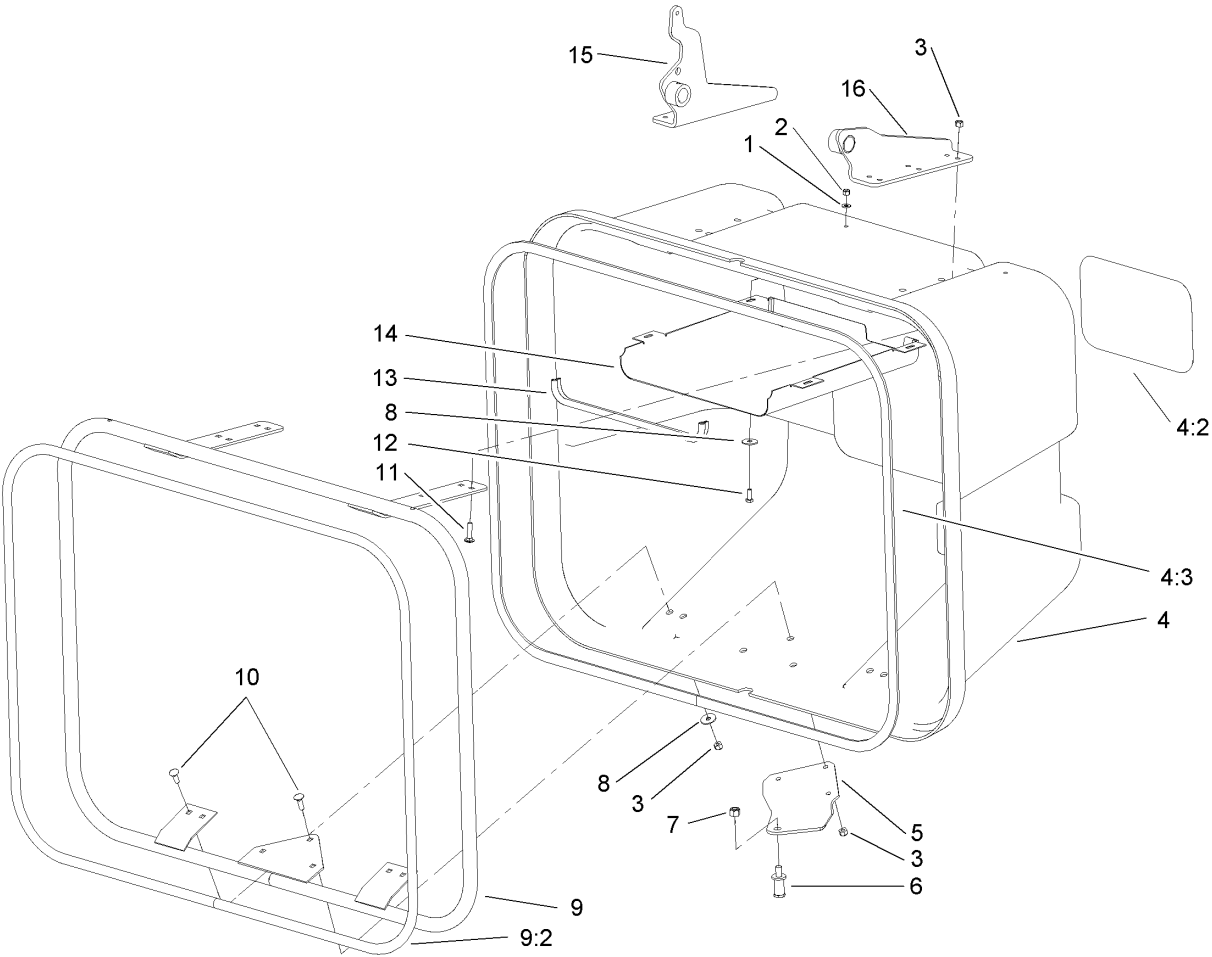
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| Top Scroll, Fan and Shaft Assembly | ..... 6 | Tube Assembly            | ..... 10 |

## Part Description Abbreviations

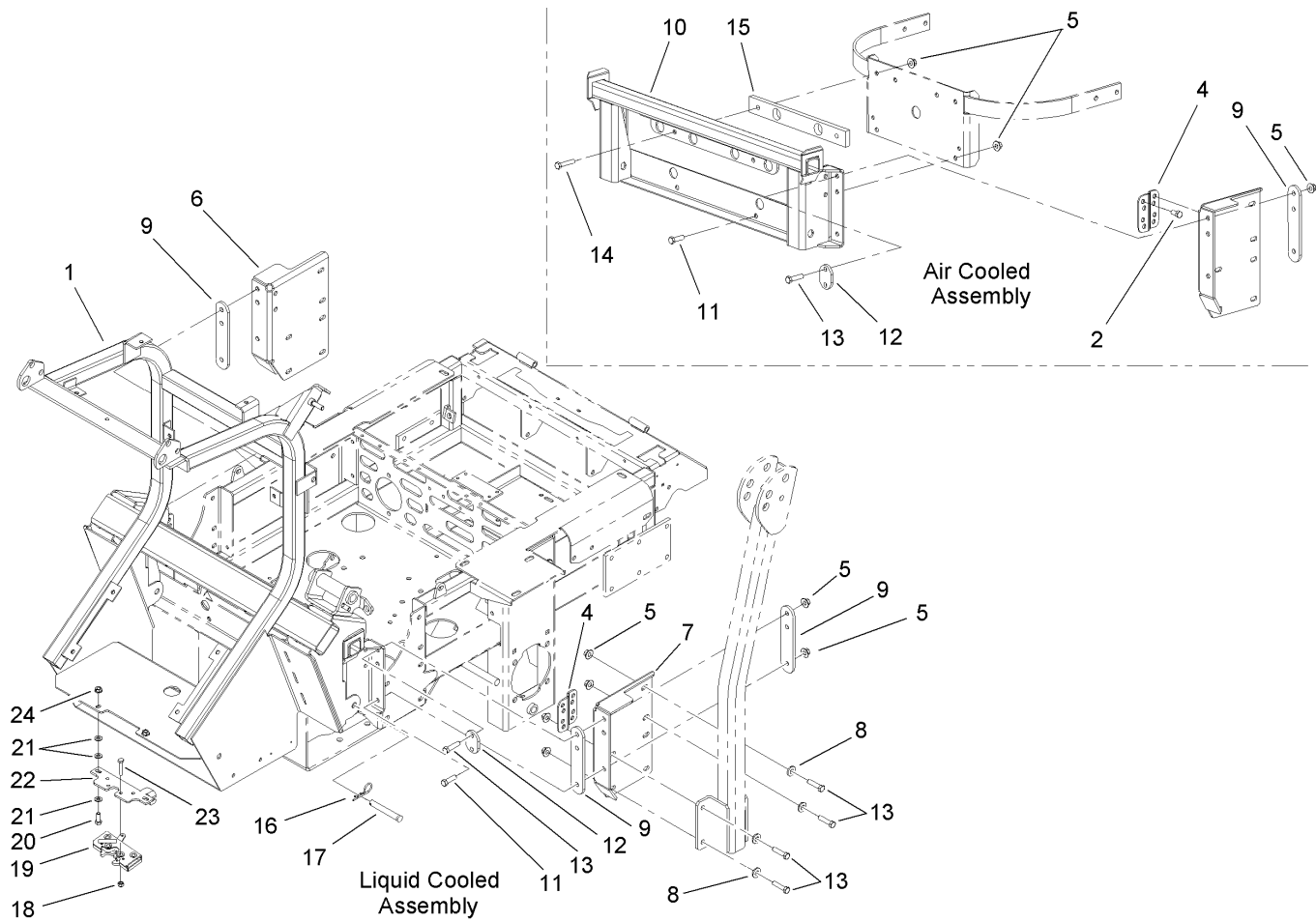
Part descriptions in this catalog may include the following abbreviations.

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| AR. .... as required                       | HWHTF. .... hex washer head thread forming   |
| ASM. .... assembly                         | HYD. .... hydraulic                          |
| BBC. .... blade brake clutch               | INC. .... incorporated                       |
| CARR. .... carriage                        | LH. .... left hand                           |
| DEG. .... degrees                          | NI. .... nylon insert                        |
| EXT. .... external                         | NPTF. .... national pipe thread fine         |
| FH. .... flat head                         | PFH. .... phillips flat head                 |
| GA. .... gauge                             | PPH. .... phillips pan head                  |
| HF. .... hex flange                        | PPHTF. .... phillips pan head thread forming |
| HH. .... hex head                          | PRH. .... phillips round head                |
| HHF. .... hex head flange                  | PTH. .... phillips truss head                |
| HHFTF. .... hex head flange thread forming | PTO. .... power take off                     |
| HJ. .... hex jam                           | RH. .... right hand                          |
| HLH. .... hex lag head                     | ROPS. .... roll over protection system       |
| HOC. .... height-of-cut                    | SFH. .... slotted fillister head             |
| HSBH. .... hex socket button head          | SHH. .... slotted hex head                   |
| HSFH. .... hex socket flat head            | SHWH. .... slotted hex washer head           |
| HSH. .... hex socket head                  | SPH. .... slotted pan head                   |
| HWH. .... hex washer head                  |                                              |



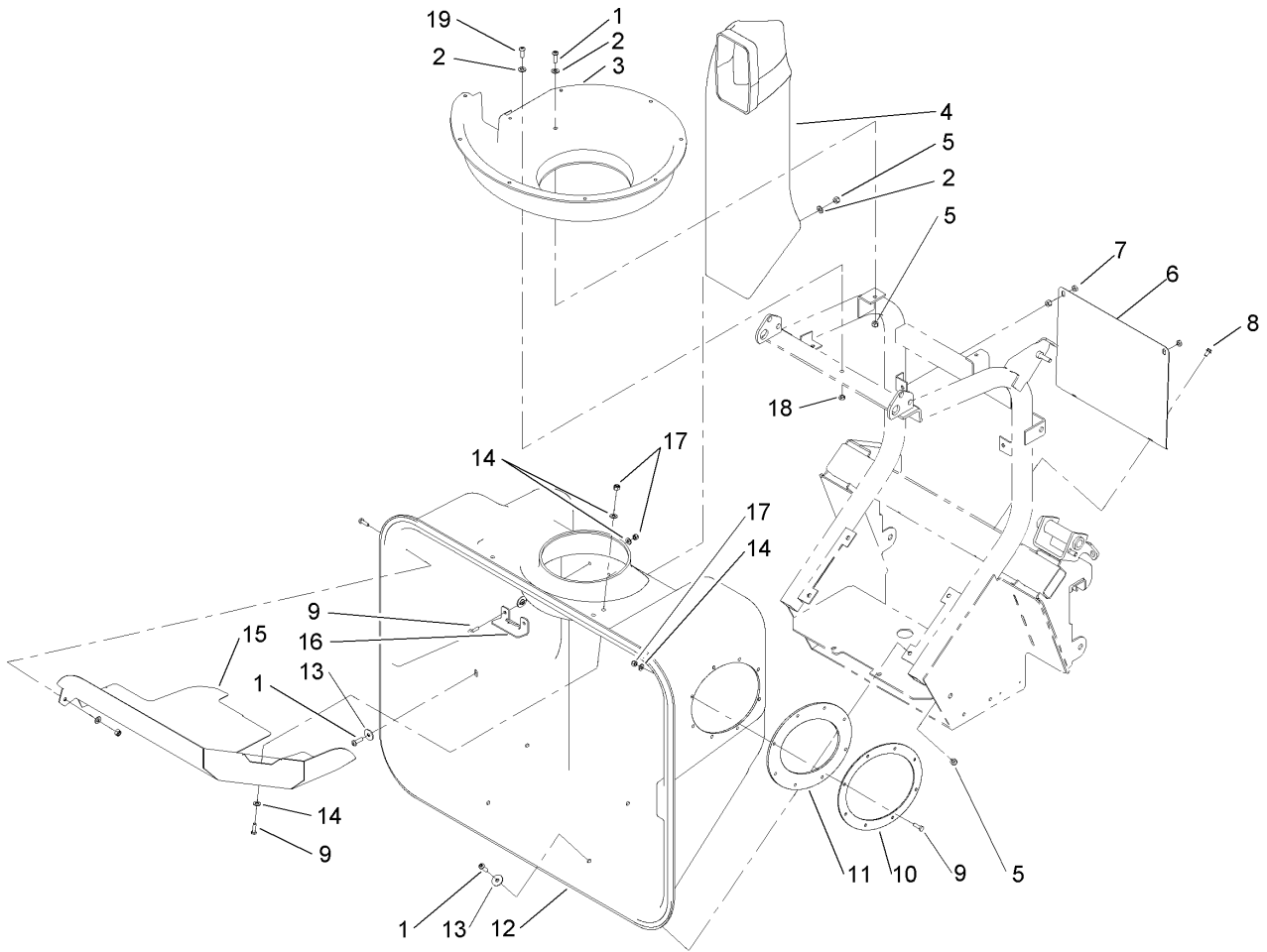
Door Assembly

| Ref | Part No.    | Qty. | Description         |  |  |  |  |
|-----|-------------|------|---------------------|--|--|--|--|
| 1   | 3256-22     | 4    | Washer-Flat         |  |  |  |  |
| 2   | 3296-42     | 4    | Nut-Lock, NI        |  |  |  |  |
| 3   | 3296-29     | 19   | Nut-Lock, NI        |  |  |  |  |
| 4   | 106-5871    | 1    | Door ASM            |  |  |  |  |
| 4:2 | 67-7310     | 1    | Decal               |  |  |  |  |
| 4:3 | 105-8198    | 1    | Seal-Hopper         |  |  |  |  |
| 5   | 105-8238-03 | 1    | Bracket-Latch, Door |  |  |  |  |
| 6   | 105-9664    | 1    | Bolt-Striker        |  |  |  |  |
| 7   | 3296-48     | 1    | Nut-Lock, NI        |  |  |  |  |
| 8   | 3256-82     | 8    | Washer-Flat         |  |  |  |  |
| 9   | 106-5870    | 1    | Door Frame ASM      |  |  |  |  |
| 9:2 | 105-8199    | 1    | Seal-Hopper, Round  |  |  |  |  |
| 10  | 3230-2      | 7    | Bolt-CARR           |  |  |  |  |
| 11  | 3230-3      | 12   | Screw-CARR          |  |  |  |  |
| 12  | 321-4       | 4    | Screw-HH            |  |  |  |  |
| 13  | 106-3319    | 1    | Seal-Trim           |  |  |  |  |
| 14  | 106-3309-03 | 1    | Rear Screen ASM     |  |  |  |  |
| 15  | 106-8967-03 | 1    | RH Hinge ASM        |  |  |  |  |
| 16  | 106-8969-03 | 1    | LH Hinge ASM        |  |  |  |  |



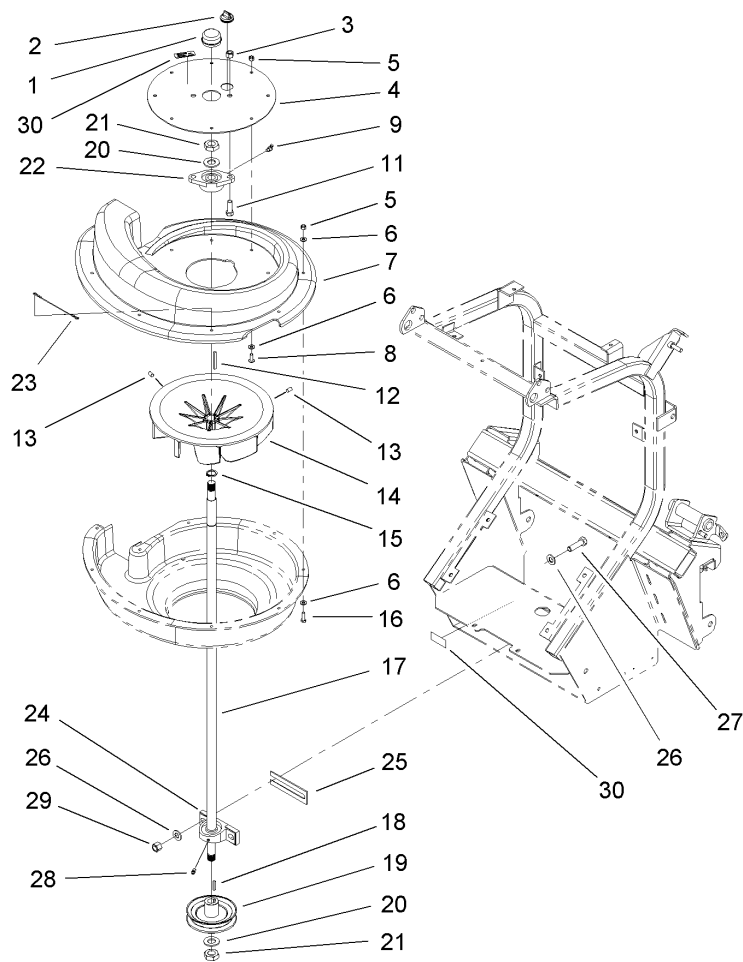
Frame Assembly

| Ref | Part No.    | Qty. | Description          |  |  |  |  |
|-----|-------------|------|----------------------|--|--|--|--|
| 1   | 106-8972-03 | 1    | Hopper Frame ASM     |  |  |  |  |
| 2   | 323-4       | 8    | Screw-HH             |  |  |  |  |
| 4   | 107-4156-03 | 2    | Bracket-Stiffener    |  |  |  |  |
| 5   | 32128-19    | 30   | Nut-HF               |  |  |  |  |
| 6   | 107-4157-03 | 1    | Support-Bagger, LH   |  |  |  |  |
| 7   | 107-4158-03 | 1    | Support-Bagger, RH   |  |  |  |  |
| 8   | 98-5975     | 12   | Washer-Belleville    |  |  |  |  |
| 9   | 105-9744-03 | 4    | Spacer-Frame         |  |  |  |  |
| 10  | 105-9719-03 | 1    | Bagger Mount ASM     |  |  |  |  |
| 11  | 323-7       | 4    | Screw-HH             |  |  |  |  |
| 12  | 106-3320-03 | 2    | Spacer-Frame, Short  |  |  |  |  |
| 13  | 323-8       | 16   | Screw-HH             |  |  |  |  |
| 14  | 323-9       | 2    | Screw-HH             |  |  |  |  |
| 15  | 105-9730-03 | 1    | Spacer-Frame, Bagger |  |  |  |  |
| 16  | 1-806005    | 2    | Pin-Hair             |  |  |  |  |
| 17  | 283-69      | 2    | Pin-Clevis           |  |  |  |  |
| 18  | 3296-42     | 4    | Nut-Lock, NI         |  |  |  |  |
| 19  | 105-9663    | 1    | Latch-Rotor          |  |  |  |  |
| 20  | 322-5       | 2    | Screw-HH             |  |  |  |  |
| 21  | 3256-23     | 6    | Washer-Flat          |  |  |  |  |
| 22  | 105-8237    | 1    | Bracket-Latch        |  |  |  |  |
| 23  | 321-9       | 4    | Screw-HH             |  |  |  |  |
| 24  | 32128-20    | 2    | Nut-HF               |  |  |  |  |



**Hopper Assembly**

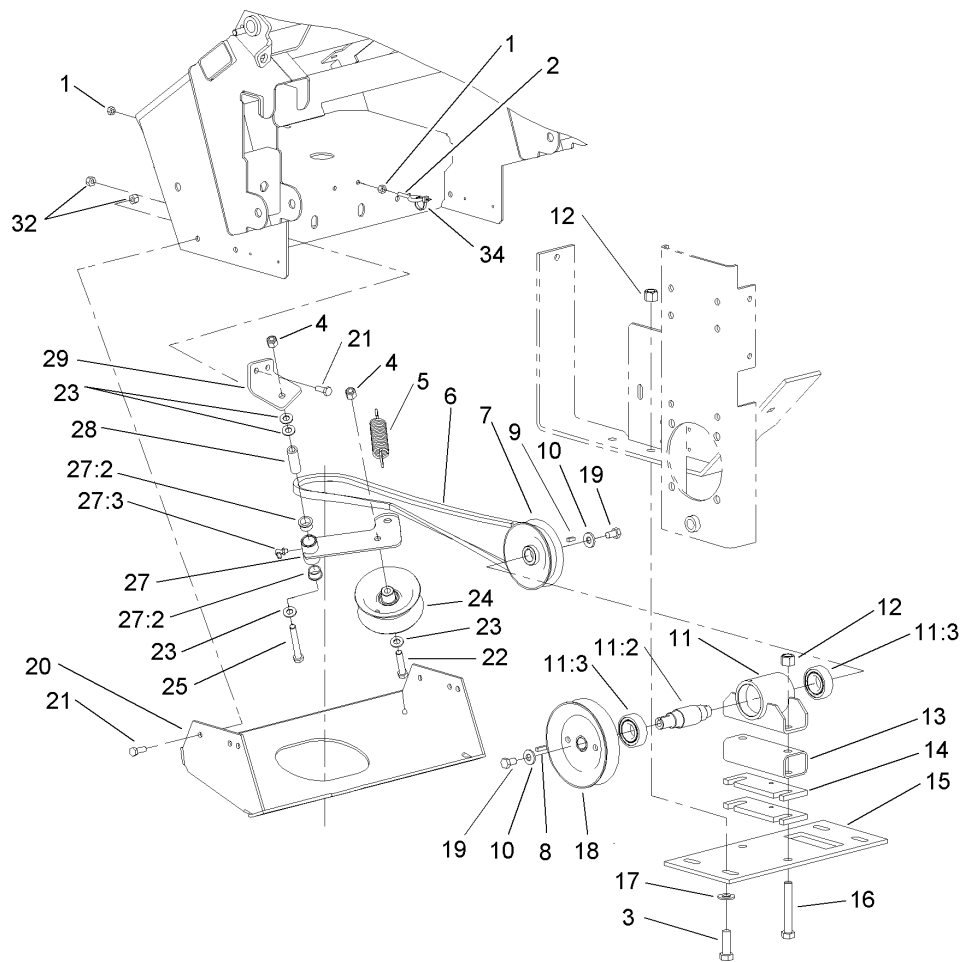
| Ref | Part No.    | Qty. | Description           |  |  |  |  |
|-----|-------------|------|-----------------------|--|--|--|--|
| 1   | 3274-104    | 12   | Screw-HSBH            |  |  |  |  |
| 2   | 3256-23     | 5    | Washer-Flat           |  |  |  |  |
| 3   | 105-8164    | 1    | Scroll-Bottom         |  |  |  |  |
| 4   | 105-5530    | 1    | Tube-Exhaust          |  |  |  |  |
| 5   | 3296-29     | 12   | Nut-Lock, NI          |  |  |  |  |
| 6   | 106-7133    | 1    | Shield-Heat           |  |  |  |  |
| 7   | 3218-2      | 2    | Nut-Jam               |  |  |  |  |
| 8   | 32144-4     | 2    | Screw-HWH             |  |  |  |  |
| 9   | 321-5       | 15   | Screw-HH              |  |  |  |  |
| 10  | 105-9681-03 | 1    | Plate-Seal            |  |  |  |  |
| 11  | 105-9733    | 1    | Seal-Rubber           |  |  |  |  |
| 12  | 105-5507    | 1    | Hopper-Front          |  |  |  |  |
| 13  | 3256-82     | 10   | Washer-Flat           |  |  |  |  |
| 14  | 3256-22     | 18   | Washer-Flat           |  |  |  |  |
| 15  | 106-3307-03 | 1    | Screen ASM            |  |  |  |  |
| 16  | 105-9738-03 | 2    | Bracket-Screen, Lower |  |  |  |  |
| 17  | 3296-42     | 15   | Nut-Lock, NI          |  |  |  |  |
| 18  | 3296-47     | 1    | Nut-Lock, NI          |  |  |  |  |
| 19  | 3274-32     | 1    | Screw-HSBH            |  |  |  |  |



Top Scroll, Fan and Shaft Assembly

| Ref | Part No.    | Qty. | Description          | Ref | Part No. | Qty. | Description    |
|-----|-------------|------|----------------------|-----|----------|------|----------------|
| 1   | 106-7147    | 1    | Cap-Grease           | 26  | 3256-26  | 4    | Washer-Flat    |
| 2   | 105-2438    | 1    | Plug                 | 27  | 325-7    | 2    | Screw-HH       |
| 3   | 3296-48     | 2    | Nut-Lock, NI         | 28  | 302-55   | 1    | Fitting-Grease |
| 4   | 106-7128-03 | 1    | Cover-Scroll         | 29  | 3296-23  | 2    | Nut-Lock, NI   |
| 5   | 3296-42     | 17   | Nut-Lock, NI         | 30  | 107-1613 | 2    | Decal-Grease   |
| 6   | 3256-22     | 26   | Washer-Flat          |     |          |      |                |
| 7   | 106-8950    | 1    | Scroll-Top           |     |          |      |                |
| 8   | 9114604     | 8    | Screw-Head, Truss    |     |          |      |                |
| 9   | 302-11      | 1    | Fitting-Lube, 45 DEG |     |          |      |                |
| 11  | 324-5       | 2    | Screw-HH             |     |          |      |                |
| 12  | 105-9716    | 1    | Key-Square           |     |          |      |                |
| 13  | 3246-4      | 2    | Screw-Set            |     |          |      |                |
| 14  | 106-8951    | 1    | Fan-Balancing        |     |          |      |                |
| 15  | 32151-33    | 1    | Ring-Retaining, EXT  |     |          |      |                |
| 16  | 321-5       | 9    | Screw-HH             |     |          |      |                |
| 17  | 106-7149    | 1    | Shaft-Fan            |     |          |      |                |
| 18  | 5-1077      | 1    | Key-Square           |     |          |      |                |
| 19  | 106-8976    | 1    | Pulley-V             |     |          |      |                |
| 20  | 7-4150      | 2    | Washer               |     |          |      |                |
| 21  | 32146-20    | 2    | Nut-Jam              |     |          |      |                |
| 22  | 106-7126    | 1    | Bearing-Flange       |     |          |      |                |
| 23  | 28-8070     | 1    | Lanyard              |     |          |      |                |
| 24  | 106-7119    | 1    | Bearing              |     |          |      |                |
| 25  | 106-8964-03 | 3    | Spacer-Bearing       |     |          |      |                |

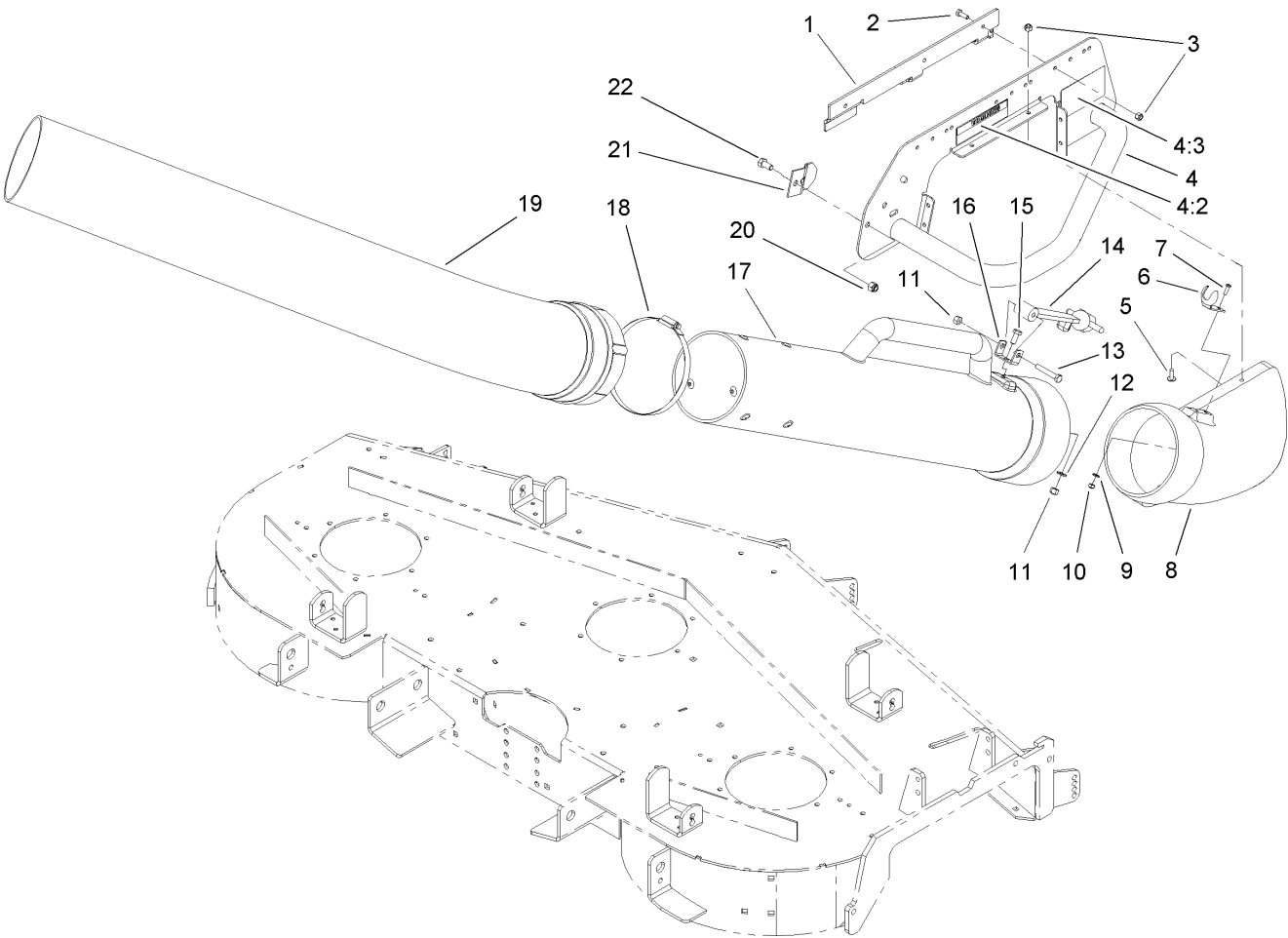
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Fan Drive Idler Assembly

| Ref  | Part No.    | Qty. | Description                  | Ref  | Part No.    | Qty. | Description            |
|------|-------------|------|------------------------------|------|-------------|------|------------------------|
| 1    | 3217-5      | 2    | Nut-Hex                      | 23   | 3256-24     | 4    | Washer-Flat            |
| 2    | 71-2870     | 1    | Bolt-Eye                     | 24   | 88-5630     | 1    | Pulley-Idler, Flat     |
| 3    | 325-6       | 4    | Screw-HH                     | 25   | 323-14      | 1    | Screw-HH               |
| 4    | 3296-39     | 2    | Nut-Lock, NI                 | 27   | 105-8225    | 1    | Idler Arm ASM          |
| 5    | 1-603402    | 1    | Spring-Extension             | 27:2 | 109859      | 2    | Bushing                |
| 6    | 107-1753    | 1    | V-Belt                       | 27:3 | 302-60      | 1    | Fitting-Grease, 90 DEG |
| 7    | 105-7782    | 1    | Pulley-Driven                | 28   | 79-2760     | 1    | Spacer                 |
| 8    | 10-8040     | 1    | Key-Square                   | 29   | 107-3053-03 | 1    | Bracket-Mount, Idler   |
| 9    | 107-1778    | 1    | Key-Square                   | 32   | 3296-29     | 6    | Nut-Lock, NI           |
| 10   | 98-5975     | 2    | Washer-Belleville            | 34   | 3290-379    | 1    | Tie-Cable              |
| 11   | 107-1752    | 1    | Housing ASM                  |      |             |      |                        |
| 11:2 | 107-1751    | 1    | Shaft-Pulley, Driven         |      |             |      |                        |
| 11:3 | 104-6325    | 2    | Bearing                      |      |             |      |                        |
| 12   | 3296-23     | 6    | Nut-Lock, NI                 |      |             |      |                        |
| 13   | 105-9689-03 | 1    | Spacer-Pillow Block, Tubular |      |             |      |                        |
| 14   | 105-9691-03 | 2    | Spacer-Pillow Block          |      |             |      |                        |
| 15   | 107-1774-03 | 1    | Plate-Support                |      |             |      |                        |
| 16   | 325-13      | 2    | Screw-HH                     |      |             |      |                        |
| 17   | 3256-26     | 4    | Washer-Flat                  |      |             |      |                        |
| 18   | 107-1772    | 1    | Pulley-Driven                |      |             |      |                        |
| 19   | 323-34      | 2    | Screw-HH                     |      |             |      |                        |
| 20   | 105-8236-03 | 1    | Plate-Skid                   |      |             |      |                        |
| 21   | 322-4       | 6    | Screw-HH                     |      |             |      |                        |
| 22   | 323-10      | 1    | Screw-HH                     |      |             |      |                        |





Tube Assembly

| Ref | Part No.    | Qty. | Description       |  |  |  |  |
|-----|-------------|------|-------------------|--|--|--|--|
| 1   | 104-8573-03 | 1    | Bracket-Mounting  |  |  |  |  |
| 2   | 321-4       | 3    | Screw-HH          |  |  |  |  |
| 3   | 3296-42     | 9    | Nut-Lock, NI      |  |  |  |  |
| 4   | 107-1770    | 1    | Mouting Plate ASM |  |  |  |  |
| 4:2 | 104-8569    | 1    | Decal-Warning     |  |  |  |  |
| 4:3 | 106-3339    | 1    | Decal-Warning     |  |  |  |  |
| 5   | 9114604     | 6    | Screw-Head, Truss |  |  |  |  |
| 6   | 105-9709    | 1    | Bracket-Hood      |  |  |  |  |
| 7   | 3290-500    | 2    | Screw-PPH         |  |  |  |  |
| 8   | 105-5531    | 1    | Boot              |  |  |  |  |
| 9   | 3256-14     | 2    | Washer-Flat       |  |  |  |  |
| 10  | 3296-2      | 2    | Nut-Lock          |  |  |  |  |
| 11  | 3296-29     | 2    | Nut-Lock, NI      |  |  |  |  |
| 12  | 3256-23     | 1    | Washer-Flat       |  |  |  |  |
| 13  | 322-10      | 1    | Screw-HH          |  |  |  |  |
| 14  | 105-8155    | 1    | Holddown-Hood     |  |  |  |  |
| 15  | 322-3       | 1    | Screw-HH          |  |  |  |  |
| 16  | 105-9707    | 1    | Bracket-Anchor    |  |  |  |  |
| 17  | 105-5538    | 1    | Tube-Straight     |  |  |  |  |
| 18  | 106-3318    | 1    | Clamp-Hose        |  |  |  |  |
| 19  | 105-8159    | 1    | Tube-Elbow        |  |  |  |  |
| 20  | 3296-39     | 1    | Nut-Lock, NI      |  |  |  |  |
| 21  | 104-8575    | 1    | Bracket-Clamp     |  |  |  |  |
| 22  | 323-4       | 1    | Screw-HH          |  |  |  |  |

## NOTES

