



## Front Replacement Mower Groundsmaster® 4000-D

Model No. 30417 - 230000001 and up.

### Parts Catalog

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#### 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.

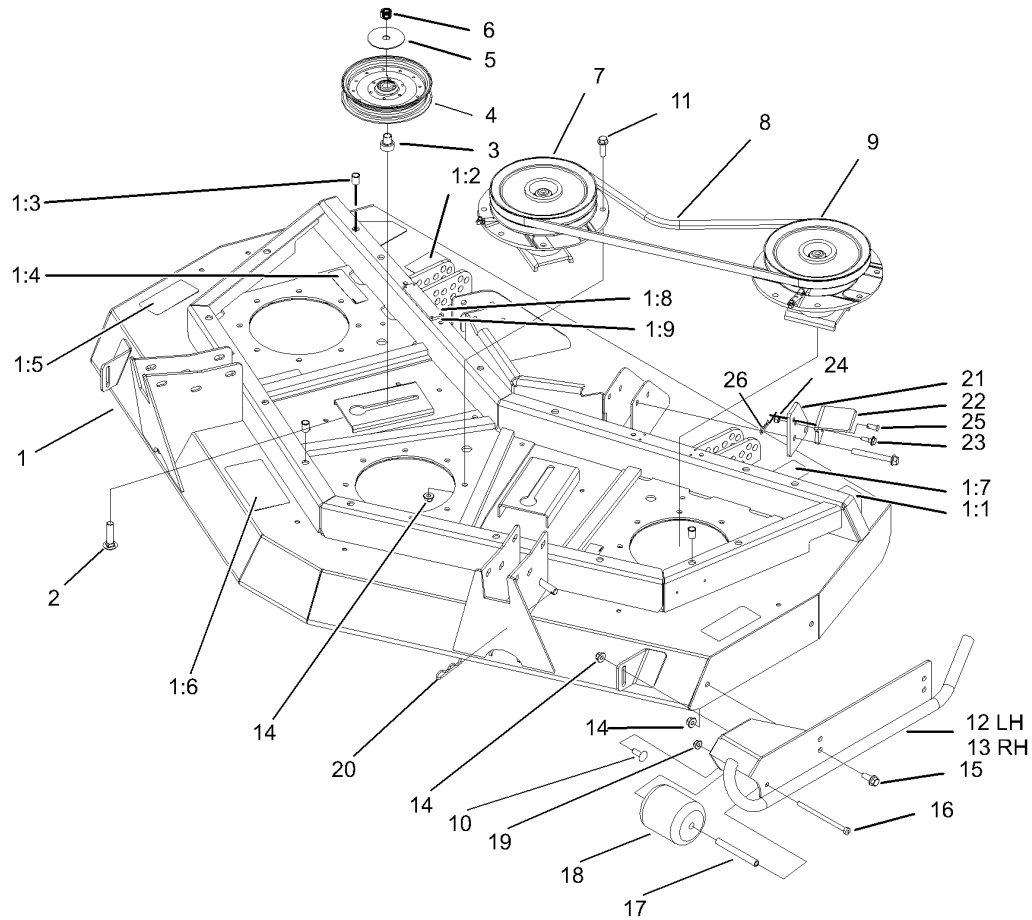
# Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

|             |                                |            |                         |
|-------------|--------------------------------|------------|-------------------------|
| AR. ....    | as required                    | HYD. ....  | hydraulic               |
| ASM. ....   | assembly                       | INC. ....  | incorporated            |
| CARR. ....  | carriage                       | LH. ....   | left hand               |
| DEG. ....   | degrees                        | NI. ....   | nylon insert            |
| FH. ....    | flat head                      | PPH. ....  | phillips pan head       |
| GA. ....    | gauge                          | PTH. ....  | phillips truss head     |
| HF. ....    | hex flange                     | PTO. ....  | power take off          |
| HH. ....    | hex head                       | RH. ....   | right hand              |
| HHF. ....   | hex head flange                | SFH. ....  | slotted fillister head  |
| HHFTF. .... | hex head flange thread forming | SHH. ....  | slotted hex head        |
| HJ. ....    | hex jam                        | SHWH. .... | slotted hex washer head |
| HLH. ....   | hex lag head                   | SPH. ....  | slotted pan head        |
| HOC. ....   | height-of-cut                  | SQH. ....  | square head             |
| HS. ....    | hex                            | SRH. ....  | slotted round head      |
| HSBH. ....  | hex socket button head         | STD. ....  | standard                |
| HSFH. ....  | hex socket flat head           | TAP. ....  | self tapping            |
| HS. ....    | hex socket head                | TTH. ....  | torx truss head         |
| HWH. ....   | hex washer head                | WH. ....   | wing head               |
| HWHTF. .... | hex washer head thread forming |            |                         |

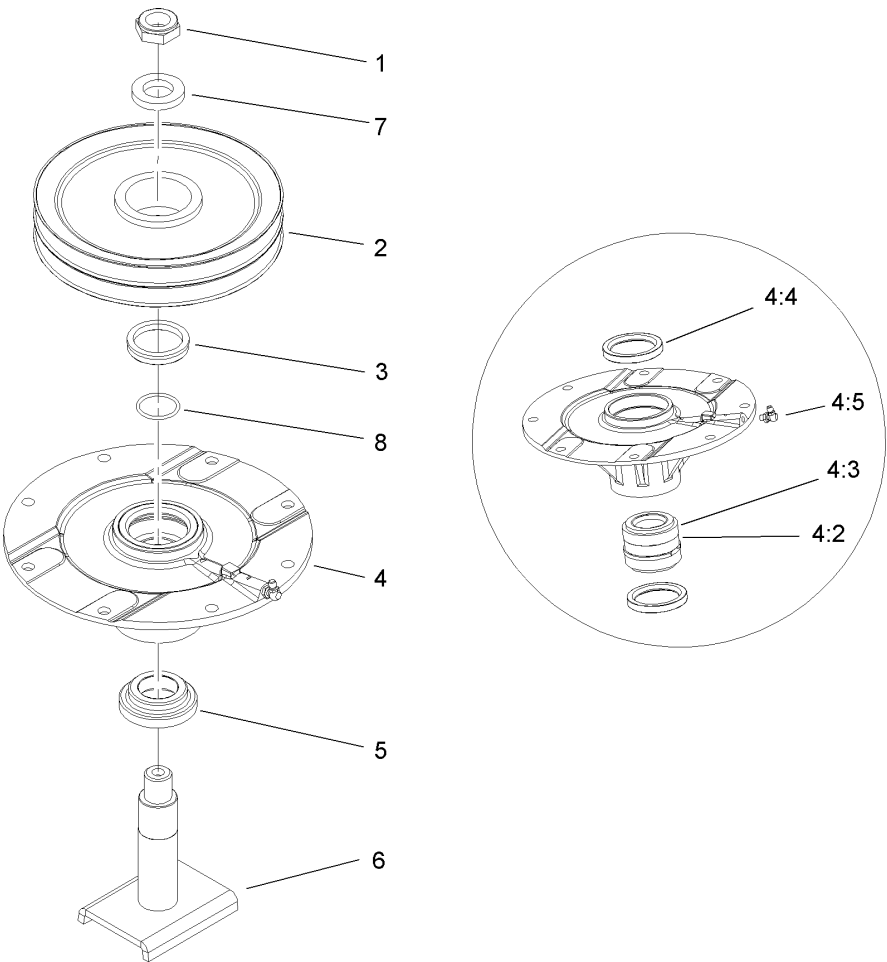
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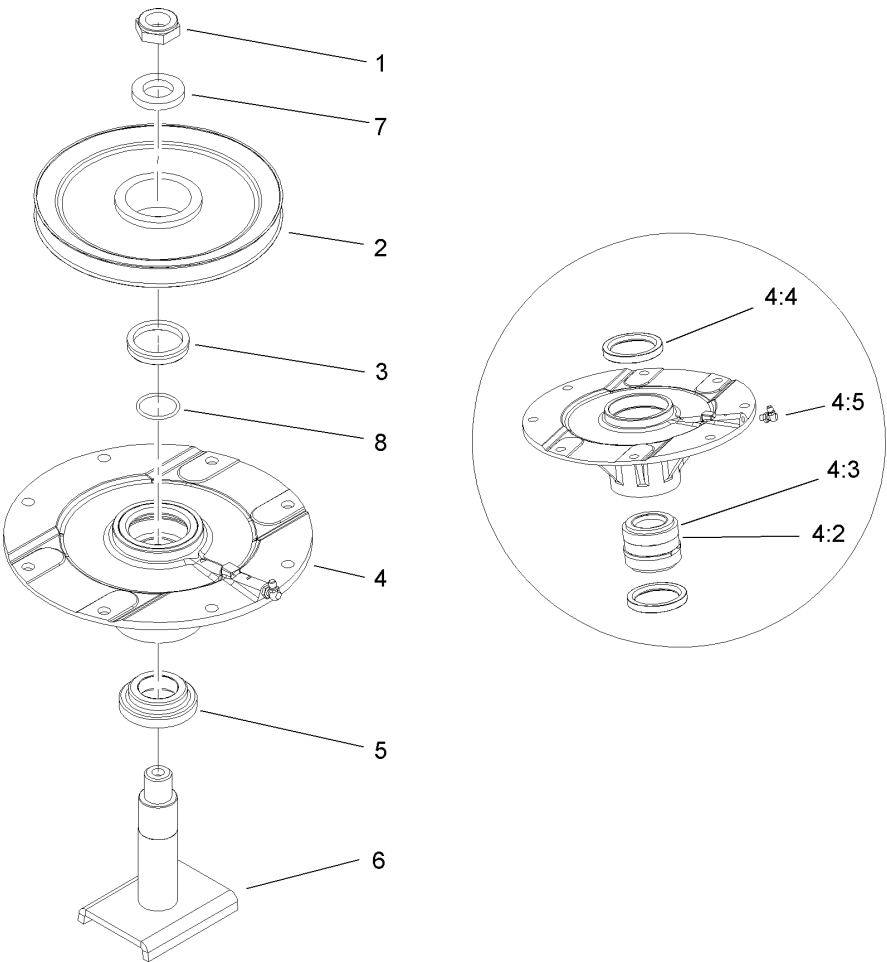
## Front Deck, Idler and Skid Assembly

| Ref | Part No.    | Qty. | Description               | Ref | Part No.    | Qty. | Description    |
|-----|-------------|------|---------------------------|-----|-------------|------|----------------|
| 1   | 100-3035    | 1    | Front Deck ASM            | 15  | 3234-42     | 4    | Screw-HHF      |
| 1:1 | 43-8480     | 2    | Decal-Danger              | 16  | 322-29      | 2    | Screw-HH       |
| 1:1 | 106-6753    | 2    | Decal-Danger, Ce          | 17  | 105-4549    | 2    | Spacer-Roller  |
| 1:2 | 100-5624    | 1    | Decal-Hoc, RH             | 18  | 93-4803     | 2    | Roller-Deck    |
| 1:3 | 32148-9     | 3    | Insert-Nut                | 19  | 104-8300    | 2    | Nut-Flange, NI |
| 1:4 | 100-6578    | 4    | Decal-Danger              | 20  | 3290-355    | 1    | Pin-Hair       |
| 1:5 | 93-7818     | 2    | Decal-Torque, Blade Bolt  | 21  | 106-2033-01 | 1    | Plate-Latch    |
| 1:6 | 100-5622    | 1    | Decal-HOC                 | 22  | 106-2032-01 | 1    | Latch-Deck     |
| 1:7 | 104-3578    | 1    | Decal-Hoc, LH             | 23  | 11-9030     | 1    | Screw-Shoulder |
| 1:8 | 105-0786    | 2    | Pad-Plastic               | 24  | 3296-42     | 1    | Nut-Lock, NI   |
| 1:9 | 3269-24     | 8    | Rivet                     | 25  | 283-62      | 1    | Pin-Clevis     |
| 2   | 3233-4      | 2    | Screw-CARR                | 26  | 3290-467    | 1    | Pin-Hair       |
| 3   | 100-2984    | 2    | Spacer-Idler              |     |             |      |                |
| 4   | 99-5493     | 2    | Pulley-Idler              |     |             |      |                |
| 5   | 100-3102    | 2    | Washer-Flat               |     |             |      |                |
| 6   | 3296-25     | 2    | Nut-Lock, NI              |     |             |      |                |
| 7   | 104-3530    | 1    | Double Driven Spindle ASM |     |             |      |                |
| 8   | 55-7660     | 2    | V-Belt                    |     |             |      |                |
| 9   | 104-3531    | 1    | High Driven Spindle ASM   |     |             |      |                |
| 10  | 3231-2      | 2    | Screw-CARR                |     |             |      |                |
| 11  | 3234-24     | 20   | Screw-HHF                 |     |             |      |                |
| 12  | 100-5612-01 | 1    | LH Skid ASM               |     |             |      |                |
| 13  | 100-5605-01 | 1    | RH Skid ASM               |     |             |      |                |
| 14  | 104-8301    | 30   | Nut-Flange, NI            |     |             |      |                |



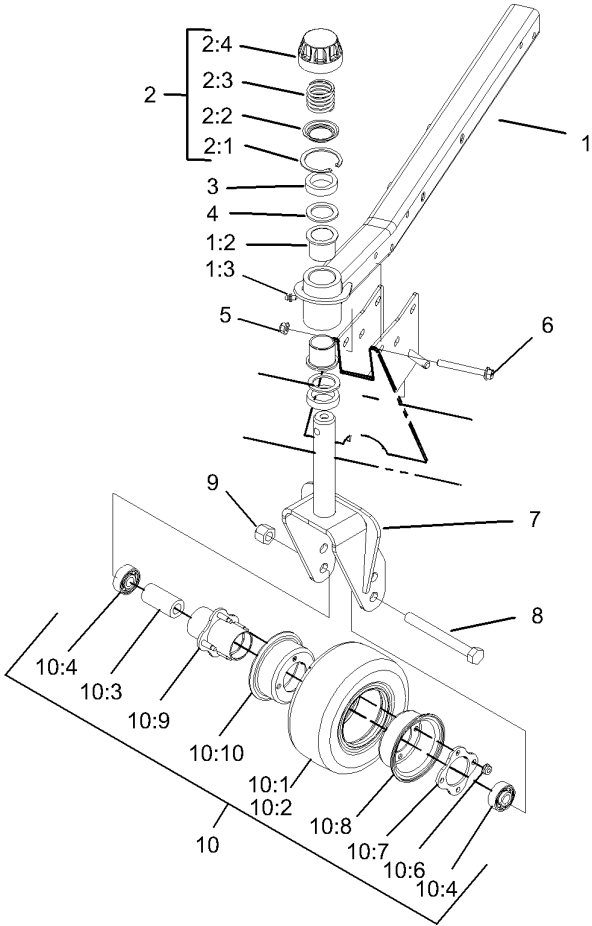
**Front Deck Spindle Assembly No. 104-3530**

| Ref | Part No. | Qty. | Description           |  |  |  |  |
|-----|----------|------|-----------------------|--|--|--|--|
| 1   | 3296-60  | 1    | Nut-Lock, NI          |  |  |  |  |
| 2   | 104-3547 | 1    | Pulley-Driven, Double |  |  |  |  |
| 3   | 104-3564 | 1    | Seal-V Ring           |  |  |  |  |
| 4   | 104-3552 | 1    | Spindle Housing ASM   |  |  |  |  |
| 4:2 | 104-3549 | 1    | Spacer Set-Bearing    |  |  |  |  |
| 4:3 | 26-1830  | 1    | Bearing ASM           |  |  |  |  |
| 4:4 | 253-154  | 2    | Seal-Oil              |  |  |  |  |
| 4:5 | 302-60   | 1    | Fitting-Grease        |  |  |  |  |
| 5   | 92-9800  | 1    | Spacer-Shaft, Spindle |  |  |  |  |
| 6   | 104-3554 | 1    | Spindle Shaft ASM     |  |  |  |  |
| 7   | 104-8322 | 1    | Washer-Hardened       |  |  |  |  |
| 8   | 106-7159 | 1    | O-Ring                |  |  |  |  |



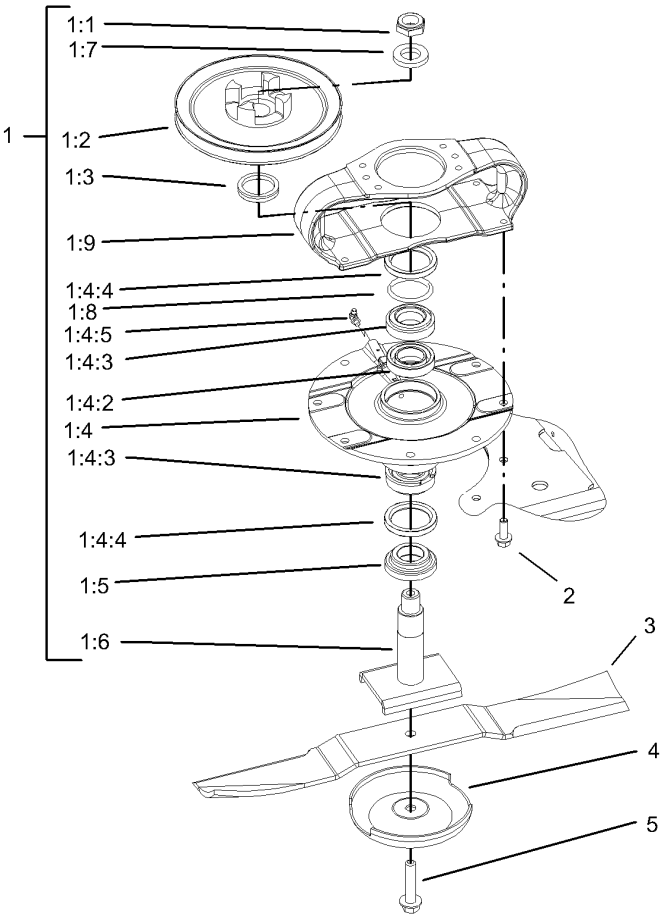
**Front Deck Spindle Assembly No. 104-3531**

| Ref | Part No. | Qty. | Description           |  |  |  |  |
|-----|----------|------|-----------------------|--|--|--|--|
| 1   | 3296-60  | 1    | Nut-Lock, NI          |  |  |  |  |
| 2   | 104-3548 | 1    | Pulley-Driven, High   |  |  |  |  |
| 3   | 104-3564 | 1    | Seal-V Ring           |  |  |  |  |
| 4   | 104-3552 | 1    | Spindle Housing ASM   |  |  |  |  |
| 4:2 | 104-3549 | 1    | Spacer Set-Bearing    |  |  |  |  |
| 4:3 | 26-1830  | 1    | Bearing ASM           |  |  |  |  |
| 4:4 | 253-154  | 2    | Seal-Oil              |  |  |  |  |
| 4:5 | 302-60   | 1    | Fitting-Grease        |  |  |  |  |
| 5   | 92-9800  | 1    | Spacer-Shaft, Spindle |  |  |  |  |
| 6   | 104-3554 | 1    | Spindle Shaft ASM     |  |  |  |  |
| 7   | 104-8322 | 1    | Washer-Hardened       |  |  |  |  |
| 8   | 106-7159 | 1    | O-Ring                |  |  |  |  |



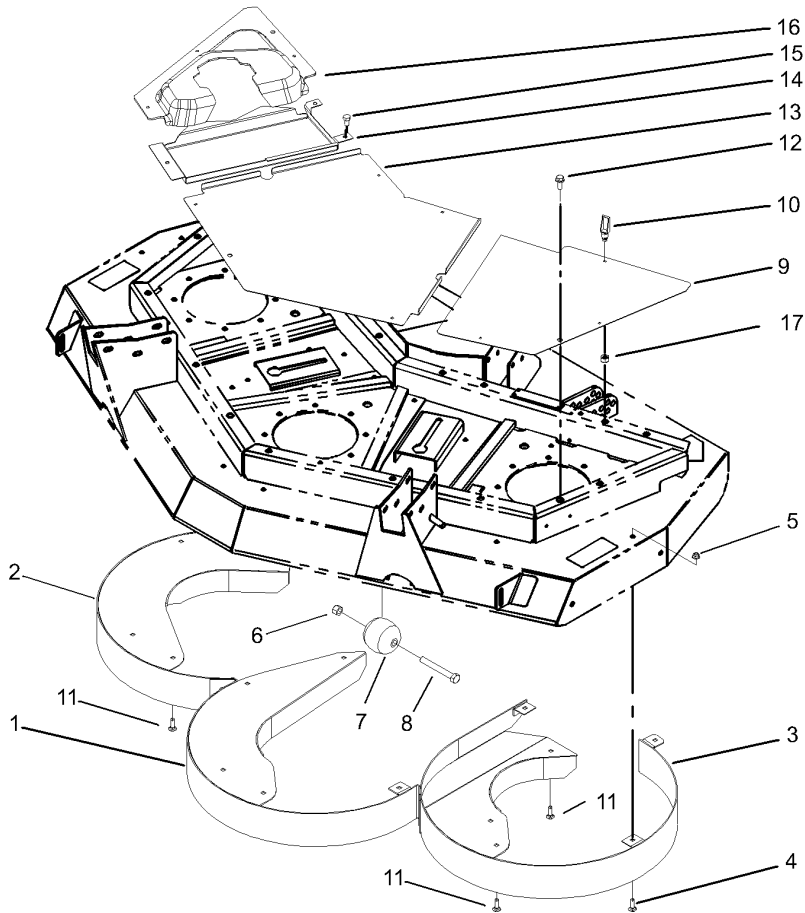
Front Deck Castor Arm and Tire Assembly

| Ref  | Part No.    | Qty. | Description               | Ref   | Part No. | Qty. | Description     |
|------|-------------|------|---------------------------|-------|----------|------|-----------------|
| 1    | 100-8091    | 1    | Front RH Castor Arm ASM   | 10:8  | 93-4239  | 1    | Rim-Wheel, Half |
| 1    | 100-8092    | 1    | Front LH Castor Arm ASM   | 10:9  | 93-5980  | 1    | Hub             |
| 1:2  | 104-8340    | 2    | Bushing                   | 10:10 | 95-2741  | 1    | Rim-Wheel, Half |
| 1:3  | 302-5       | 1    | Fitting-Grease            |       |          |      |                 |
| 2    | 92-9727     | 2    | HOC Cap ASM               |       |          |      |                 |
| 2:1  | 92-5581     | 1    | Ring-Retaining            |       |          |      |                 |
| 2:2  | 92-5583     | 1    | Washer-Cap                |       |          |      |                 |
| 2:3  | 92-9726     | 1    | Spring-Compression        |       |          |      |                 |
| 2:4  | 92-8861     | 1    | Cap-HOC                   |       |          |      |                 |
| 3    | 69-1510     | 10   | Spacer-Castor             |       |          |      |                 |
| 4    | 69-6860     | 4    | Washer-Thrust             |       |          |      |                 |
| 5    | 104-8301    | 10   | Nut-Flange, NI            |       |          |      |                 |
| 6    | 3234-41     | 10   | Screw-HHF                 |       |          |      |                 |
| 7    | 104-0762-01 | 2    | Castor Fork ASM           |       |          |      |                 |
| 8    | 327-24      | 2    | Screw-HH                  |       |          |      |                 |
| 9    | 3296-53     | 2    | Nut-Lock, NI              |       |          |      |                 |
| 10   | 93-5974     | 2    | Wheel-8 Inch, Foam Filled |       |          |      |                 |
| 10   | 93-9938     | 2    | 8 Inch Wheel ASM          |       |          |      |                 |
| 10:1 | 93-9939     | 1    | Tire                      |       |          |      |                 |
| 10:2 | 68-8950     | 1    | Tube-Inner (W/valve)      |       |          |      |                 |
| 10:3 | 93-4241     | 1    | Spacer-Bearing, Inner     |       |          |      |                 |
| 10:4 | 93-4237     | 2    | Bearing                   |       |          |      |                 |
| 10:6 | 32128-16    | 4    | Nut-HHF                   |       |          |      |                 |
| 10:7 | 93-4242     | 1    | Plate                     |       |          |      |                 |



Front Deck Spindle Installation Assembly

| Ref   | Part No.   | Qty. | Description           |  |  |  |  |
|-------|------------|------|-----------------------|--|--|--|--|
| 1     | 104-3529   | 1    | Driving Spindle ASM   |  |  |  |  |
| 1:1   | 3296-60    | 1    | Nut-Lock, NI          |  |  |  |  |
| 1:2   | 104-3545   | 1    | Pulley-Driving        |  |  |  |  |
| 1:3   | 104-3564   | 1    | Seal-V Ring           |  |  |  |  |
| 1:4   | 104-3552   | 1    | Spindle Housing ASM   |  |  |  |  |
| 1:4:2 | 104-3549   | 1    | Spacer Set-Bearing    |  |  |  |  |
| 1:4:3 | 26-1830    | 1    | Bearing ASM           |  |  |  |  |
| 1:4:4 | 253-154    | 2    | Seal-Oil              |  |  |  |  |
| 1:4:5 | 302-60     | 1    | Fitting-Grease        |  |  |  |  |
| 1:5   | 92-9800    | 1    | Spacer-Shaft, Spindle |  |  |  |  |
| 1:6   | 104-3554   | 1    | Spindle Shaft ASM     |  |  |  |  |
| 1:7   | 104-8322   | 1    | Washer-Hardened       |  |  |  |  |
| 1:8   | 106-7159   | 1    | O-Ring                |  |  |  |  |
| 1:9   | 104-3544   | 1    | Mount-Drive Motor     |  |  |  |  |
| 2     | 3234-42    | 4    | Screw-HHF             |  |  |  |  |
| 3     | 92-5608-03 | 3    | Blade                 |  |  |  |  |
| 4     | 72-9361    | 3    | Cup-Scalp, Anti       |  |  |  |  |
| 5     | 92-5816    | 3    | Bolt-Blade            |  |  |  |  |



Front Deck Rear Discharge Chamber and Cover Assembly

| Ref | Part No.    | Qty. | Description         |  |  |  |  |
|-----|-------------|------|---------------------|--|--|--|--|
| 1   | 104-2200-01 | 1    | Center Chamber ASM  |  |  |  |  |
| 2   | 104-2201-01 | 1    | RH Chamber ASM      |  |  |  |  |
| 3   | 104-2202-01 | 1    | LH Chamber ASM      |  |  |  |  |
| 4   | 3230-18     | 15   | Screw-CARR          |  |  |  |  |
| 5   | 104-8300    | 18   | Nut-Flange, NI      |  |  |  |  |
| 6   | 3296-25     | 2    | Nut-Lock, NI        |  |  |  |  |
| 7   | 29-4820     | 2    | Roller              |  |  |  |  |
| 8   | 325-17      | 2    | Screw-HH            |  |  |  |  |
| 9   | 100-5663-03 | 1    | Cover-Front, LH     |  |  |  |  |
| 10  | 74-5950     | 10   | Latch-Swell         |  |  |  |  |
| 11  | 3230-22     | 3    | Screw-CARR          |  |  |  |  |
| 12  | 3234-42     | 3    | Screw-HHF           |  |  |  |  |
| 13  | 100-5660-03 | 1    | Cover-Front, Center |  |  |  |  |
| 14  | 100-5662-03 | 1    | Cover-Front, RH     |  |  |  |  |
| 15  | 32144-69    | 3    | Screw-HH            |  |  |  |  |
| 16  | 100-5661    | 1    | Cover-Front, RH     |  |  |  |  |
| 17  | 1-804254    | 10   | Nut                 |  |  |  |  |



## NOTES

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