



**Z253**

**Z-Master<sup>®</sup> with 62in SFS Side Discharge Mower**

**Model No. 74225—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.

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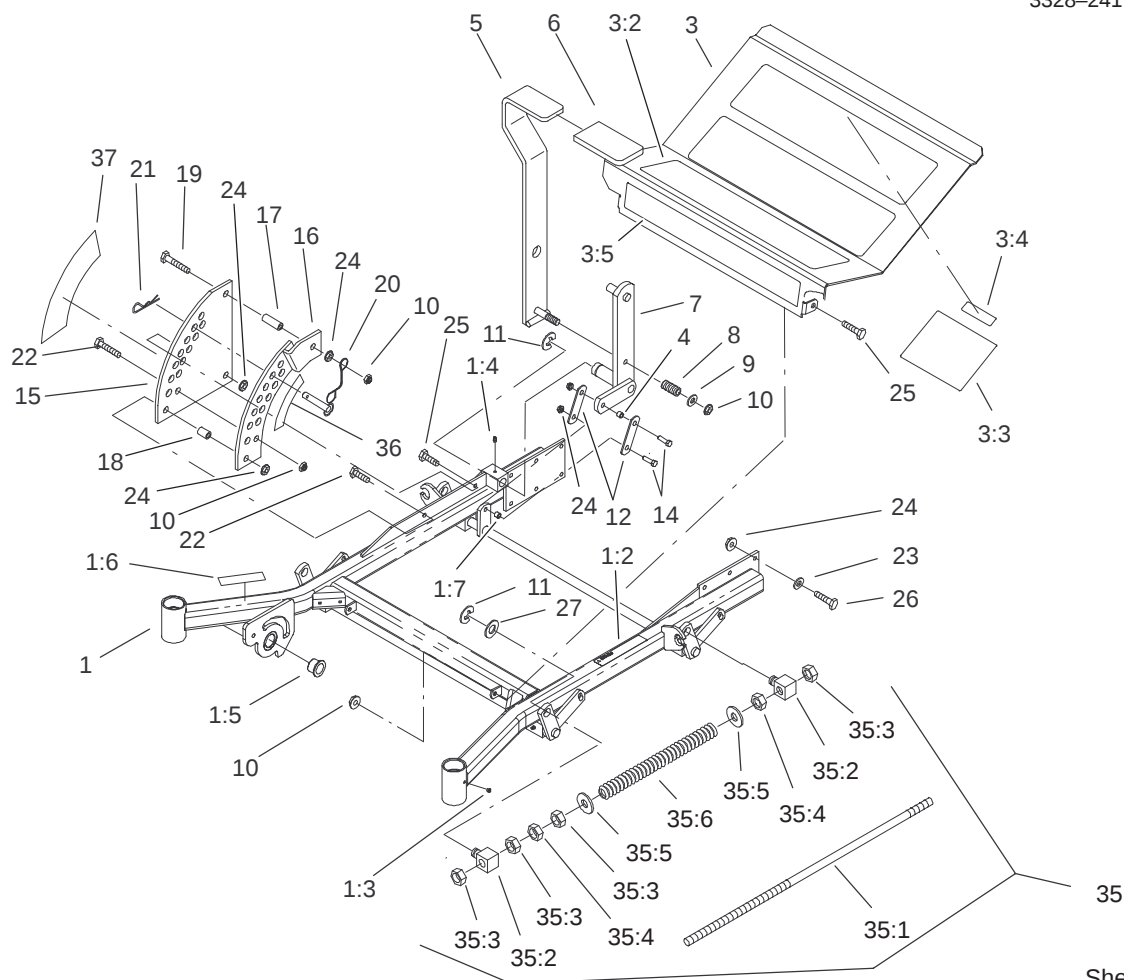
## Accessories

| <b>Description</b>        | <b>Model / Part No.</b> | <b>Description</b>          | <b>Model / Part No.</b> |
|---------------------------|-------------------------|-----------------------------|-------------------------|
| Suspension Seat Kit ..... | 99–8522                 | Atomic Blade Assembly ..... | 104–1303                |
| Deck Lift Assist .....    | 100–4336                | Z Recycler Kit (62in) ..... | 100–9600                |
| Striping Kit .....        | 30163                   | Spark Arrester Kit .....    | 105–1672                |
| Hitch Kit .....           | 99–8925                 | Filter Minder .....         | 99–4664                 |

## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

| <b>Abbreviation</b> | <b>Meaning</b>         | <b>Abbreviation</b> | <b>Meaning</b>                 |
|---------------------|------------------------|---------------------|--------------------------------|
| AR .....            | as required            | HWHTF .....         | hex washer head thread forming |
| 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         |
| HLH .....           | hex lag head           | SHH .....           | slotted hex head               |
| HJ .....            | hex jam                | SQH .....           | square head                    |
| HOC .....           | height-of-cut          | SHWH .....          | slotted hex washer head        |
| HS .....            | hex socket             | SPH .....           | slotted pan head               |
| HSBH .....          | hex socket button head | SRH .....           | slotted round head             |
| HSFH .....          | hex socket flat head   | STD .....           | standard                       |
| HSH .....           | hex socket head        | TAP .....           | self tapping                   |
| HWH .....           | hex washer head        | TTH .....           | Torx truss head                |

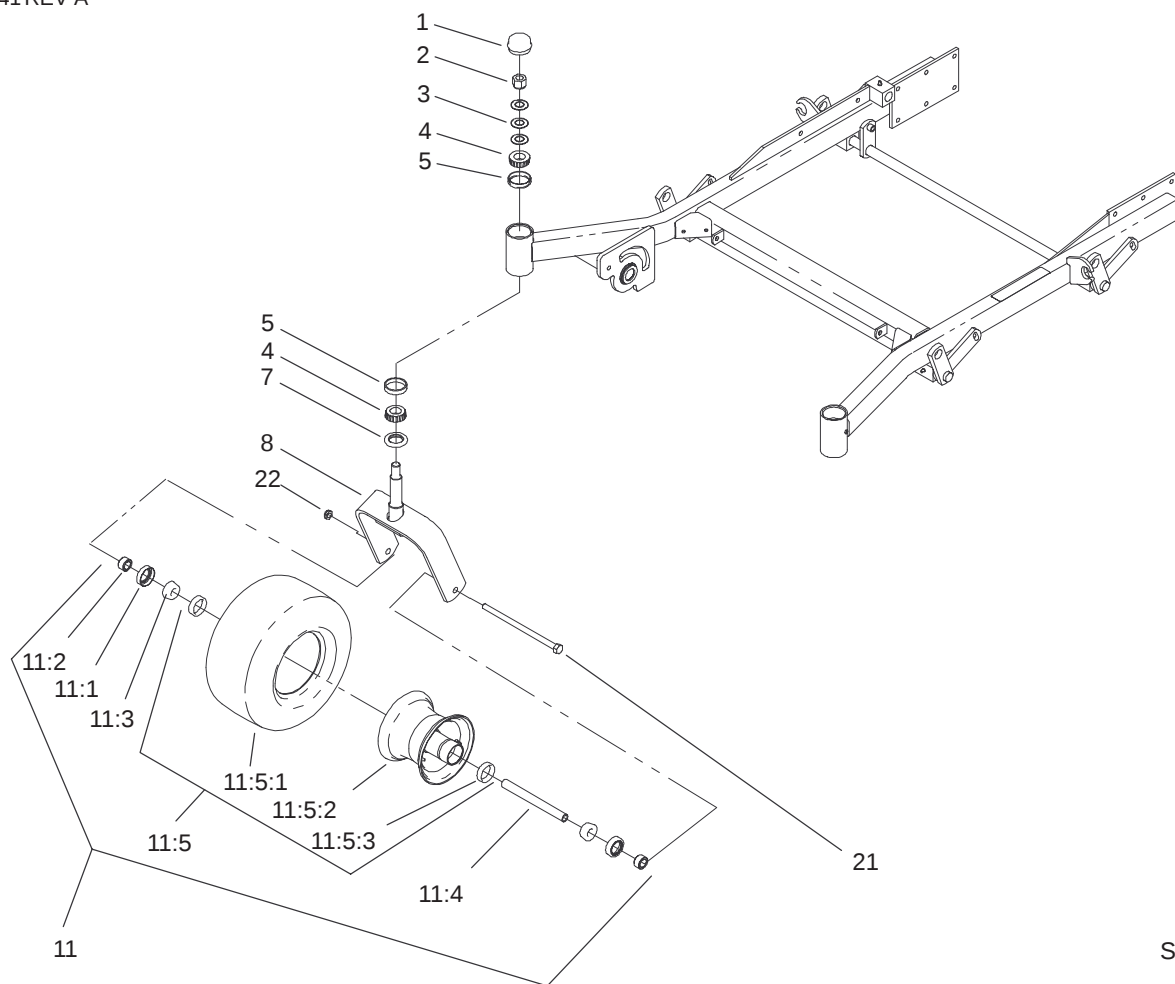


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## Front Frame Assembly

| Ref. No. | Part No.    | Qty. | Description          | Ref. No. | Part No. | Qty. | Description             |
|----------|-------------|------|----------------------|----------|----------|------|-------------------------|
| 1        | 104-5132    | 1    | Frame ASM            | 19       | 323-13   | 1    | Screw-HH                |
| 1:2      | 1-633818    | 1    | Decal-Warning        | 20       | 1-633097 | 1    | Pin-Hitch W/Lanyard     |
| 1:3      | 1-811010    | 2    | Plug                 | 21       | 1-806005 | 1    | Pin-Hair                |
| 1:4      | 302-19      | 5    | Fitting-Grease       | 22       | 323-9    | 2    | Screw-HH                |
| 1:5      | 94-1291     | 2    | Bushing-Special      | 23       | 98-5975  | 12   | Washer-Belleville       |
| 1:6      | 104-7759    | 1    | Decal-Warning        | 24       | 3290-357 | 17   | Nut-HHF                 |
| 1:7      | 103-1918    | 1    | Bushing              | 25       | 323-6    | 3    | Screw-HH                |
| 3        | 100-6509    | 1    | Floorpan ASM         | 26       | 323-7    | 12   | Screw-HH                |
| 3:2      | 1-633553    | 3    | Pad-Antiskid         | 27       | 3256-29  | 4    | Washer-Flat             |
| 3:3      | 1-633766    | 1    | Decal-Check          | ★35      |          | 2    | Front Frame Spring ASM  |
| 3:4      | 98-5954     | 1    | Decal-Missing, Cover | 35:1     | 1-633096 | 1    | Rod-Lift, Deck          |
| 3:5      | 1-633737    | 1    | Decal-Z Master       | 35:2     | 1-633441 | 2    | Swivel-Deck Mount, Rear |
| 4        | 103-1918    | 1    | Bushing              | 35:3     | 3217-11  | 4    | Nut-Hex                 |
| 5        | 103-2083-03 | 1    | Lever-Lift           | 35:4     | 3218-6   | 2    | Nut-Jam                 |
| 6        | 1-633295    | 1    | Grip-Lever, Lift     | 35:5     | 3256-7   | 2    | Washer-Flat             |
| 7        | 103-2064-03 | 1    | Arm-Lift, Deck       | 35:6     | 1-633064 | 1    | Spring-Support, Deck    |
| 8        | 1-633325    | 1    | Spring-Compression   | 36       | 1-633706 | 1    | Decal-Height, Deck      |
| 9        | 3256-24     | 1    | Washer-Flat          | 37       | 1-633345 | 1    | Decal-Height, Deck      |
| 10       | 3296-39     | 5    | Nut-Lock, NI         |          |          |      |                         |
| 11       | 32151-103   | 5    | Ring-Snap            |          |          |      |                         |
| 12       | 1-633068    | 2    | Arm-Lift, Deck       |          |          |      |                         |
| 14       | 323-29      | 2    | Screw-HH             |          |          |      |                         |
| 15       | 1-633889-01 | 1    | Plate-Lift, Deck     |          |          |      |                         |
| 16       | 1-632899-01 | 1    | Plate-Lift, Deck     |          |          |      |                         |
| 17       | 1-633082    | 1    | Bushing-Lever, Lift  |          |          |      |                         |
| 18       | 1-633080    | 1    | Bushing-Lever, Lift  |          |          |      |                         |

★ Not serviced separately



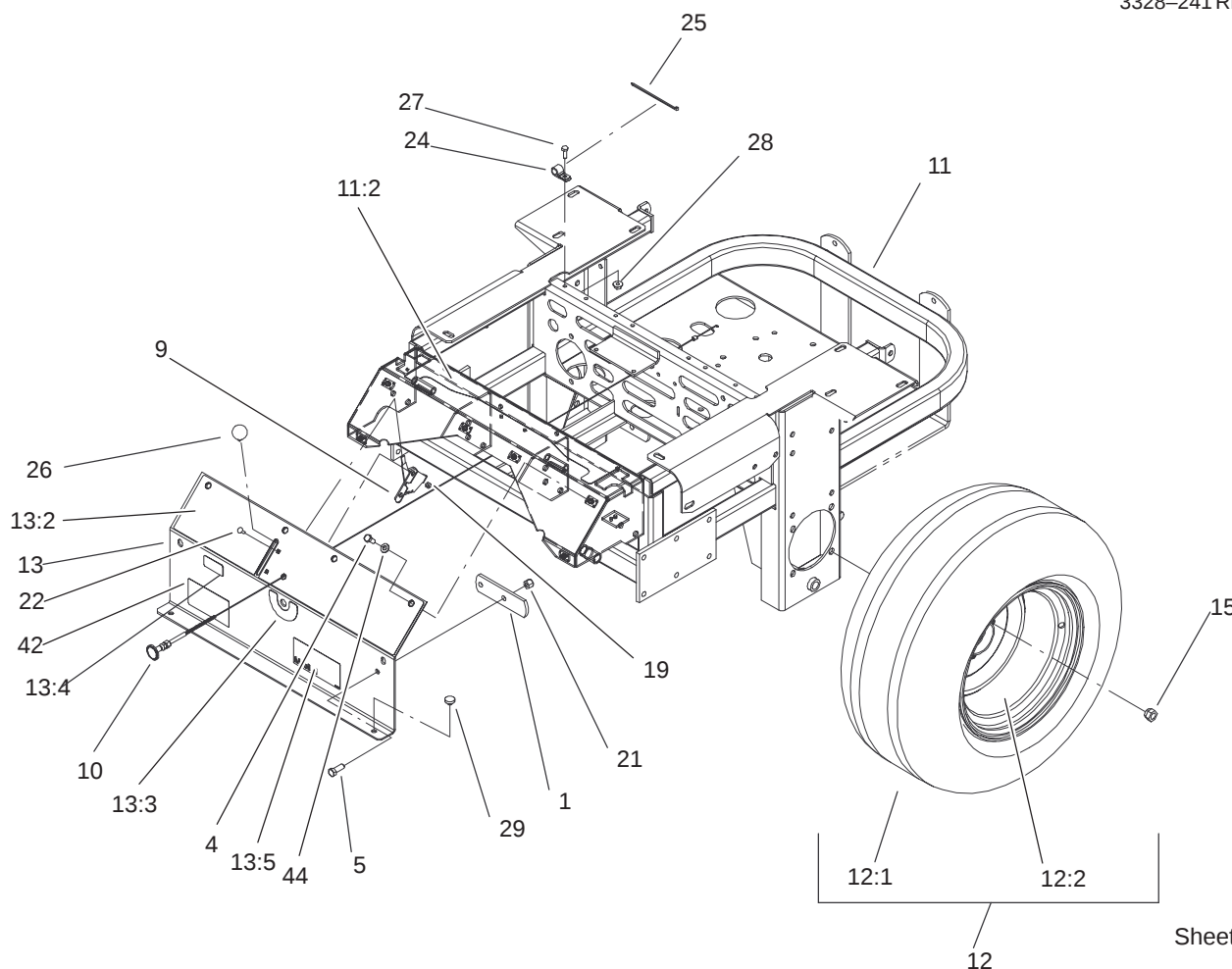
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## Caster and Wheel Assembly

| Ref. No. | Part No.    | Qty. | Description          |
|----------|-------------|------|----------------------|
| 1        | 1-543513    | 2    | Cap-Grease           |
| 2        | 3296-51     | 2    | Nut-Lock, NI         |
| 3        | 1-633508    | 6    | Washer-Bellville     |
| 4        | 254-94      | 4    | Bearing-Cone, Taper  |
| 5        | 254-72      | 4    | Bearing-Cup, Tapered |
| 7        | 1-543511    | 2    | Seal-Grease          |
| 8        | 103-1474-01 | 2    | Fork-Caster          |
| 11       | 1-644251    | 2    | Caster Wheel ASM     |
| 11:1     | 1-633580    | 2    | Seal-Bearing         |
| 11:2     | 1-633581    | 2    | Spacer-Bearing       |
| 11:3     | 1-633585    | 2    | Bearing-Cone, Taper  |
| 11:4     | 1-633959    | 1    | Spacer-Caster, Front |
| ☆11:5    |             | 1    | Wheel And Tire ASM   |
| 11:5:1   | 1-523009    | 1    | Tire                 |
| 11:5:2   | 1-633987    | 1    | Wheel                |
| 11:5:3   | 1-633584    | 2    | Bearing-Cup          |
| 21       | 325-39      | 2    | Screw-HH             |
| 22       | 3296-45     | 2    | Nut-Lock, NI         |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

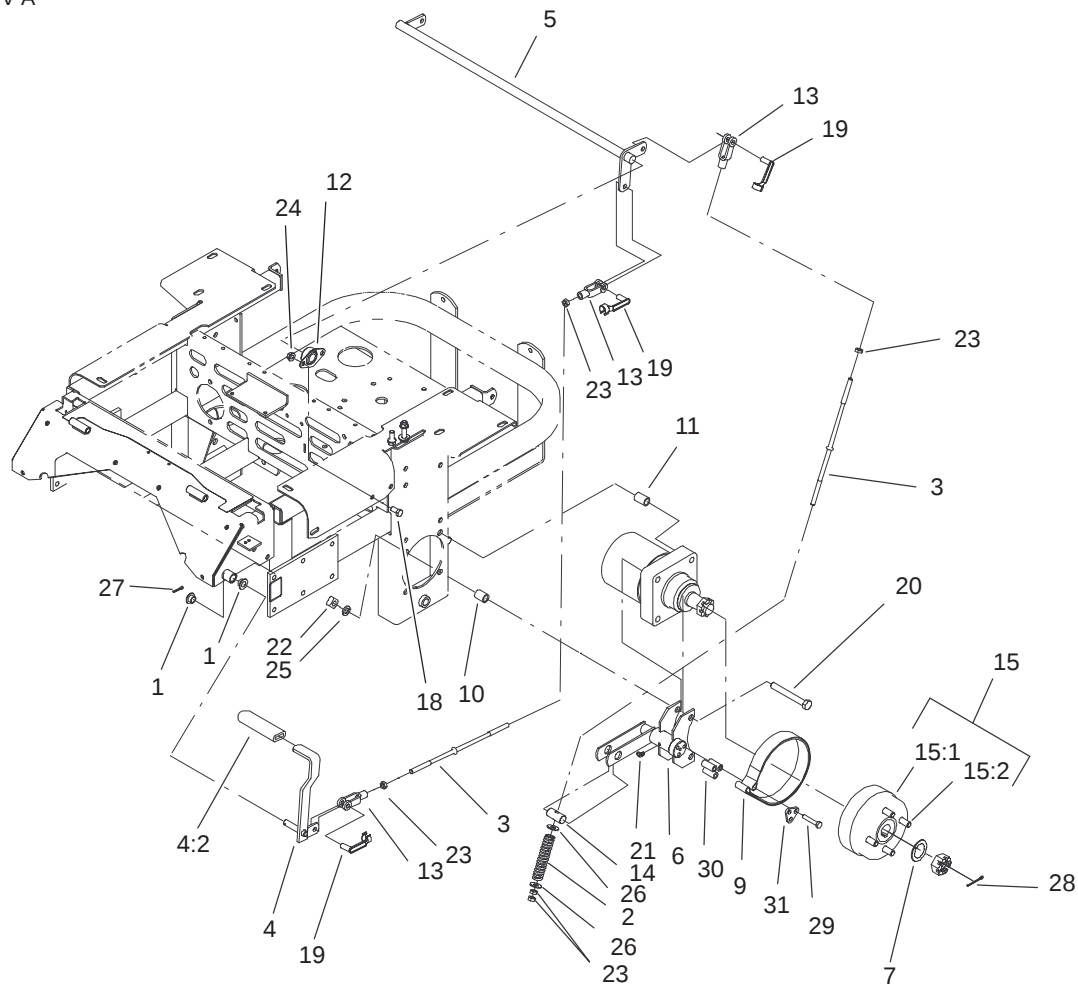
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## Rear Frame and Wheel Assembly

| Ref. No. | Part No.    | Qty. | Description              |
|----------|-------------|------|--------------------------|
| 1        | 1-633964-03 | 1    | Stop-Brake, Park         |
| 4        | 322-3       | 6    | Screw-HH                 |
| 5        | 323-6       | 2    | Screw-HH                 |
| 9        | 1-633696    | 1    | Cable-Throttle           |
| 10       | 1-603336    | 1    | Control-Choke            |
| 11       | 105-3648    | 1    | Main Frame ASM           |
| 11:2     | 103-2433    | 1    | Decal-Console, Top       |
| 12       | 1-633970    | 2    | Wheel And Tire ASM       |
| 12:1     | 1-633993    | 1    | Tire                     |
| 12:2     | 1-633992    | 1    | Wheel                    |
| 13       | 99-4623     | 1    | Console ASM              |
| 13:2     | 100-4311    | 1    | Decal-Panel, Control     |
| 13:3     | 103-0262    | 1    | Decal-Valve, Fuel        |
| 13:4     | 98-4387     | 1    | Decal-Protection, Ear    |
| 13:5     | 104-8172    | 1    | Decal-Mobil 1            |
| 15       | 242-50      | 8    | Nut-Lug                  |
| 19       | 3296-2      | 2    | Nut-Lock                 |
| 21       | 3296-39     | 2    | Nut-Lock, NI             |
| 22       | 1-807513    | 2    | Bolt-CARR                |
| 24       | 1-513762    | 1    | Clip-Loom                |
| 25       | 1-303335    | 1    | Tie-Plastic              |
| 26       | 1-513592    | 1    | Knob-Ball                |
| 27       | 321-4       | 1    | Screw-HH                 |
| 28       | 32128-33    | 1    | Nut-HF                   |
| 29       | 1-513658    | 2    | Bumper-Catcher,<br>Grass |

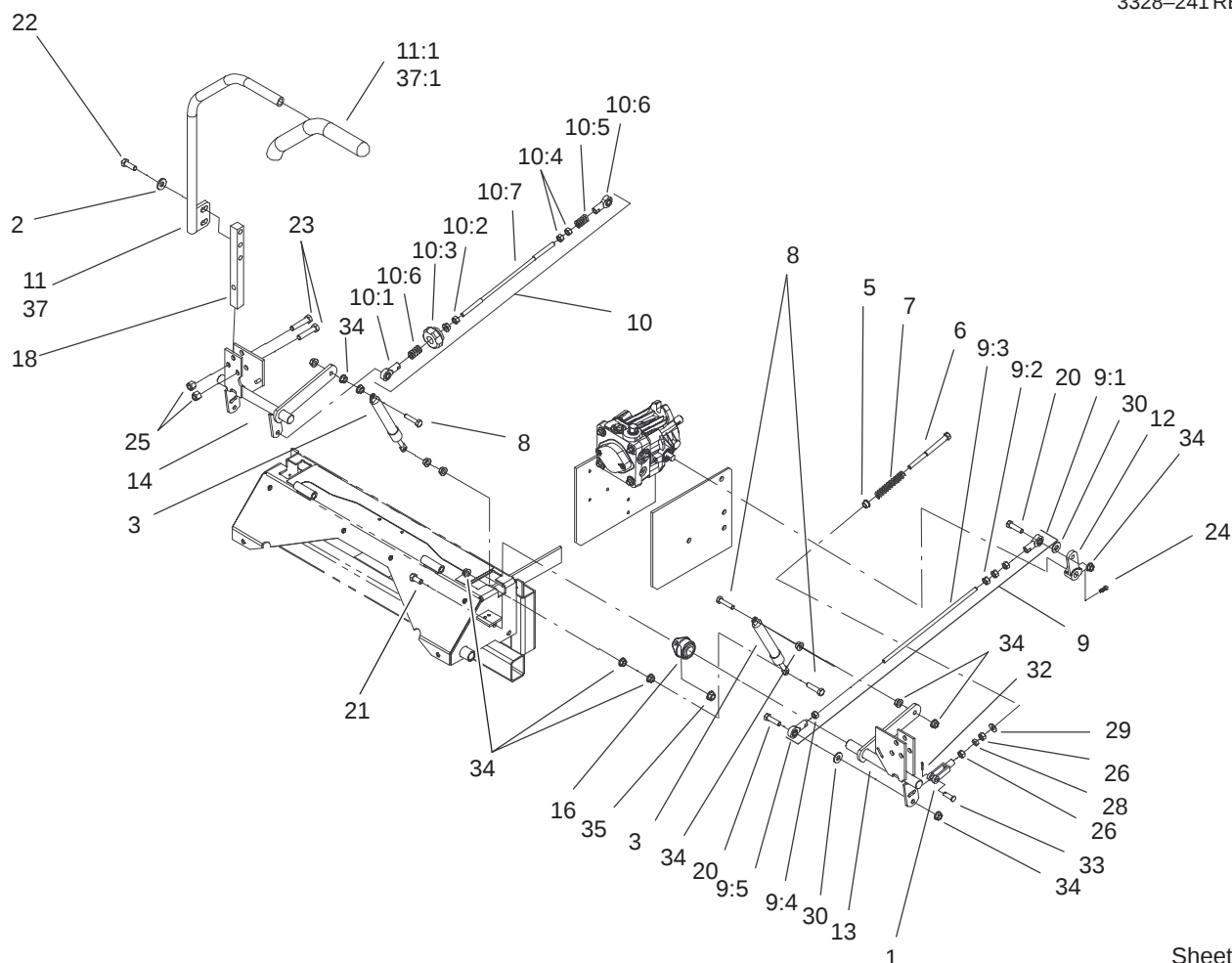


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## Brake and Wheel Hub Assembly

| Ref. No. | Part No.    | Qty. | Description          |
|----------|-------------|------|----------------------|
| 1        | 1-513140    | 2    | Bearing-Control      |
| 2        | 1-633454    | 2    | Spring-Brake         |
| 3        | 1-633477    | 3    | Rod-Brake            |
| 4        | 1-634500    | 1    | Brake Lever ASM      |
| 4:2      | 1-633268    | 1    | Grip-Lever, Brake    |
| 5        | 1-632217-03 | 1    | Shaft-Brake          |
| 6        | 103-0352-03 | 2    | Bracket-Brake        |
| 7        | 1-523157    | 2    | Washer-Spacer        |
| 9        | 103-0355    | 2    | Band-Brake           |
| 10       | 1-633380    | 4    | Spacer-Wheel, Short  |
| 11       | 1-633382    | 4    | Spacer-Wheel, Long   |
| 12       | 1-633102    | 2    | Bearing-Flange, Side |
| 13       | 1-633131    | 4    | Yoke-Linkage, Brake  |
| 14       | 1-633144    | 2    | Pin-Trunion          |
| 15       | 103-0590    | 2    | Hub-Wheel            |
| 15:1     | 103-0589    | 1    | Hub-Wheel            |
| 15:2     | 1-633926    | 4    | Stud-Wheel           |
| 18       | 323-4       | 4    | Screw-HH             |
| 19       | 103-2399    | 4    | Pin-Spring, Clevis   |
| 20       | 325-17      | 8    | Screw-HH             |
| 21       | 1481        | 2    | Fitting-Grease       |
| 22       | 103-0131    | 8    | Nut-Square           |
| 23       | 3219-3      | 8    | Nut-HH               |
| 24       | 3290-357    | 4    | Nut-HHF              |
| 25       | 3253-7      | 8    | Washer-Lock          |
| 26       | 3256-4      | 4    | Washer-Flat          |

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 27       | 3272-10  | 1    | Pin-Cotter           |
| 28       | 1-806800 | 2    | Pin-Cotter           |
| 29       | 322-9    | 6    | Screw-HH             |
| 30       | 103-0384 | 6    | Spacer               |
| 31       | 103-0374 | 2    | Retainer-Band, Brake |

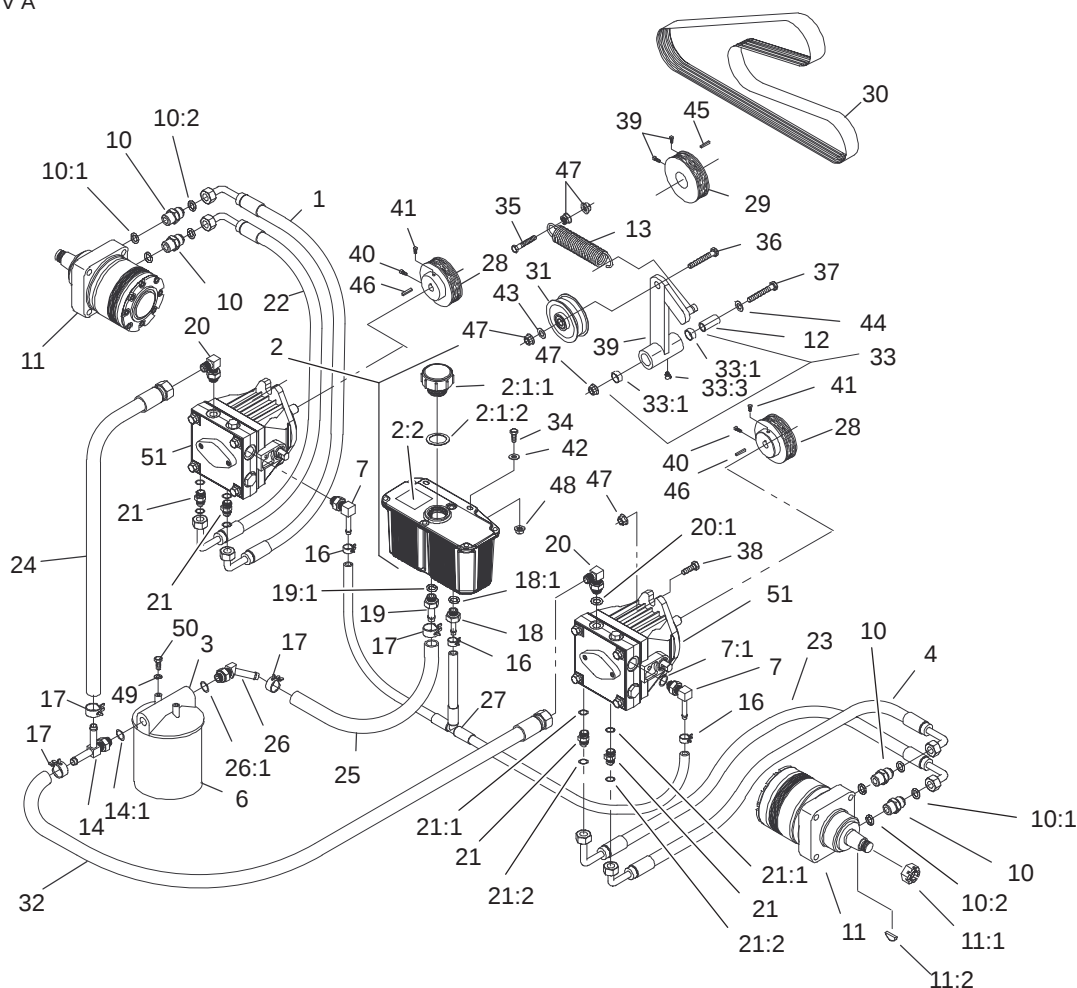


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## Steering Control Assembly

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 1        | 1-303105 | 2    | Yoke-Adjustable        |
| 2        | 98-5975  | 4    | Washer-Belleville      |
| 3        | 103-2913 | 2    | Damper-Control, Motion |
| 5        | 1-603735 | 2    | Bushing-Flanged        |
| 6        | 1-603737 | 2    | Bolt-Return, Neutral   |
| 7        | 1-603807 | 2    | Spring-Return, Neutral |
| 8        | 1-403180 | 4    | Screw-HH               |
| 9        | 1-634275 | 1    | LH Pump Linkage ASM    |
| 9:1      | 1-543017 | 1    | Balljoint-RH           |
| 9:2      | 3219-2   | 3    | Nut-Hex                |
| 9:3      | 1-633153 | 1    | Link-Rod, Tracking     |
| 9:4      | 1-804524 | 1    | Nut                    |
| 9:5      | 1-633152 | 1    | Balljoint-Thread, LH   |
| 10       | 103-3061 | 1    | Tracking Rod ASM       |
| 10:1     | 1-543017 | 1    | Balljoint-RH           |
| 10:2     | 3219-2   | 1    | Nut-Hex                |
| 10:3     | 103-3060 | 1    | Knob-Tracking          |
| 10:4     | 1-804524 | 2    | Nut                    |
| 10:5     | 1-323245 | 2    | Spring-Compression     |
| 10:6     | 1-633152 | 1    | Balljoint-Thread, LH   |
| 10:7     | 103-3064 | 1    | Link-Rod, Tracking     |
| 11       | 103-0632 | 1    | RH Lever ASM           |
| 11:1     | 1-633257 | 1    | Grip-Control, Motion   |

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 12       | 1-632208 | 2    | Arm-Control, Pump    |
| 13       | 1-642319 | 1    | Control-Motion, LH   |
| 14       | 1-642320 | 1    | Control-Motion, RH   |
| 16       | 1-633102 | 4    | Bearing-Flange, Side |
| 18       | 103-0407 | 2    | Arm-Shaft, Control   |
| 20       | 322-6    | 4    | Screw-HH             |
| 21       | 323-4    | 8    | Screw-HH             |
| 22       | 323-6    | 4    | Screw-HH             |
| 23       | 323-9    | 6    | Screw-HH             |
| 24       | 1-803022 | 2    | Screw-Set            |
| 25       | 3296-39  | 6    | Nut-Lock, NI         |
| 26       | 3219-2   | 4    | Nut-Hex              |
| 28       | 3220-2   | 2    | Nut                  |
| 29       | 3256-2   | 2    | Washer-Flat          |
| 30       | 3256-3   | 4    | Washer-Flat          |
| 32       | 3272-5   | 2    | Pin-Cotter           |
| 33       | 1-808280 | 2    | Pin-Clevis           |
| 34       | 32128-20 | 16   | Nut-HF               |
| 35       | 3290-357 | 8    | Nut-HHF              |
| 37       | 103-0631 | 1    | LH Lever ASM         |
| 37:1     | 1-633257 | 1    | Grip-Control, Motion |



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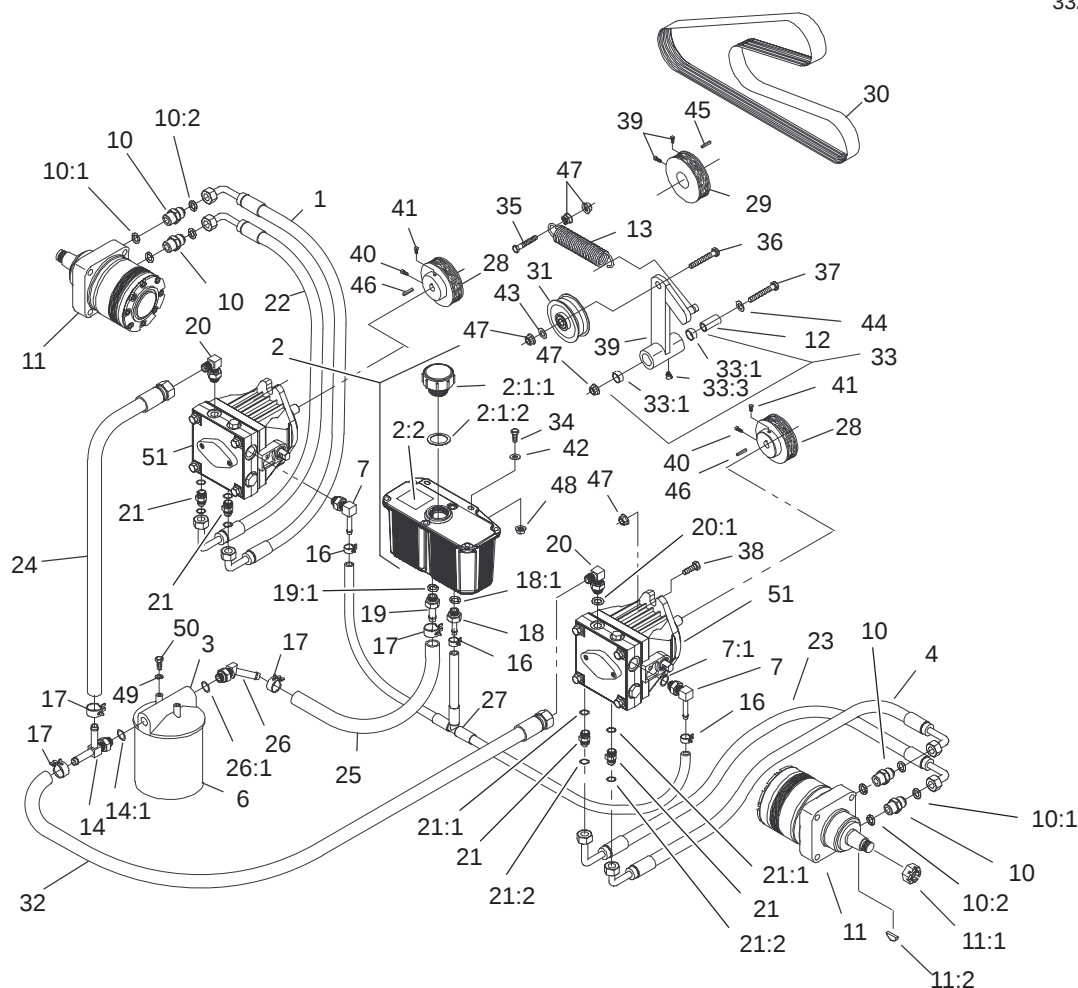
## Hydraulic System Assembly

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 1        | 103-1764 | 1    | Upper RH Hose ASM    |
| 2        | 103-1947 | 1    | HYD Reservoir ASM    |
| ★2:1     |          | 1    | Reservoir-HYD        |
| 2:1:1    | 103-1948 | 1    | Cap-Reservoir, HYD   |
| 2:1:2    | 103-1949 | 1    | Gasket-Cap           |
| 2:2      | 1-523552 | 1    | Decal-Tank, HYD      |
| 3        | 104-7836 | 1    | Head-Filter          |
| 4        | 103-1682 | 1    | Upper LH Hose ASM    |
| 6        | 1-633750 | 1    | Filter-HYD           |
| 6        | 1-633752 | 1    | Filter-HYD, Winter   |
| 7        | 103-1799 | 2    | Elbow-90°            |
| 7:1      | 237-42   | 1    | O-Ring               |
| 10       | 1-603991 | 4    | Fitting-Straight     |
| 10:1     | 237-80   | 1    | O-Ring               |
| 10:2     | 1-603992 | 1    | O-Ring               |
| 11       | 1-523328 | 2    | Motor-Wheel          |
| 11:1     | 1-809036 | 1    | Nut-HH               |
| 11:2     | 3257-42  | 1    | Key-Woodruff         |
| *11:99   | 1-000099 | 1    | Seal Kit             |
| *11:99   | 1-000139 | 1    | Bearing Kit          |
| *11:99   | 103-2748 | 1    | Drive Link Kit       |
| 12       | 1-603384 | 1    | Bushing-Pivot, Idler |
| 13       | 1-633151 | 1    | Spring-Extension     |
| 14       | 103-1828 | 1    | Adapter-Run, Tee     |
| 14:1     | 237-42   | 1    | O-Ring               |
| 16       | 103-1716 | 3    | Clamp-Hose           |

| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| 17       | 103-1988 | 4    | Clamp-Hose        |
| 18       | 103-1801 | 1    | Adapter-Straight  |
| 18:1     | 237-42   | 1    | O-Ring            |
| 19       | 103-1912 | 1    | Adapter-Straight  |
| 19:1     | 237-42   | 1    | O-Ring            |
| 20       | 103-1802 | 2    | Elbow-HYD, 90°    |
| 20:1     | 237-42   | 1    | O-Ring            |
| 21       | 1-603990 | 4    | Fitting-Straight  |
| 21:1     | 237-79   | 1    | O-Ring            |
| 21:2     | 1-603992 | 1    | O-Ring            |
| 22       | 103-1765 | 1    | Lower RH Hose ASM |
| 23       | 103-1683 | 1    | Lower LH Hose ASM |
| 24       | 103-1826 | 1    | HYD Hose ASM      |
| 25       | 103-1808 | 1    | Hose-HYD          |
| 26       | 103-1807 | 1    | Elbow-45°         |
| 26:1     | 237-42   | 1    | O-Ring            |
| 27       | 103-1806 | 1    | HYD Hose ASM      |
| 28       | 1-633568 | 2    | Sheave            |
| 29       | 1-633567 | 1    | Sheave            |
| 30       | 1-633749 | 1    | Belt-Drive, Pump  |
| 31       | 1-633167 | 1    | Sheave-Idler      |
| 32       | 103-1827 | 1    | HYD Hose ASM      |
| 33       | 1-634277 | 1    | Bearing Arm ASM   |
| 33:1     | 1-513034 | 2    | Sleeve-Bearing    |
| 33:3     | 302-40   | 1    | Fitting-Grease    |
| 34       | 321-6    | 2    | Screw-HH          |

★ Not serviced separately

\* Not illustrated

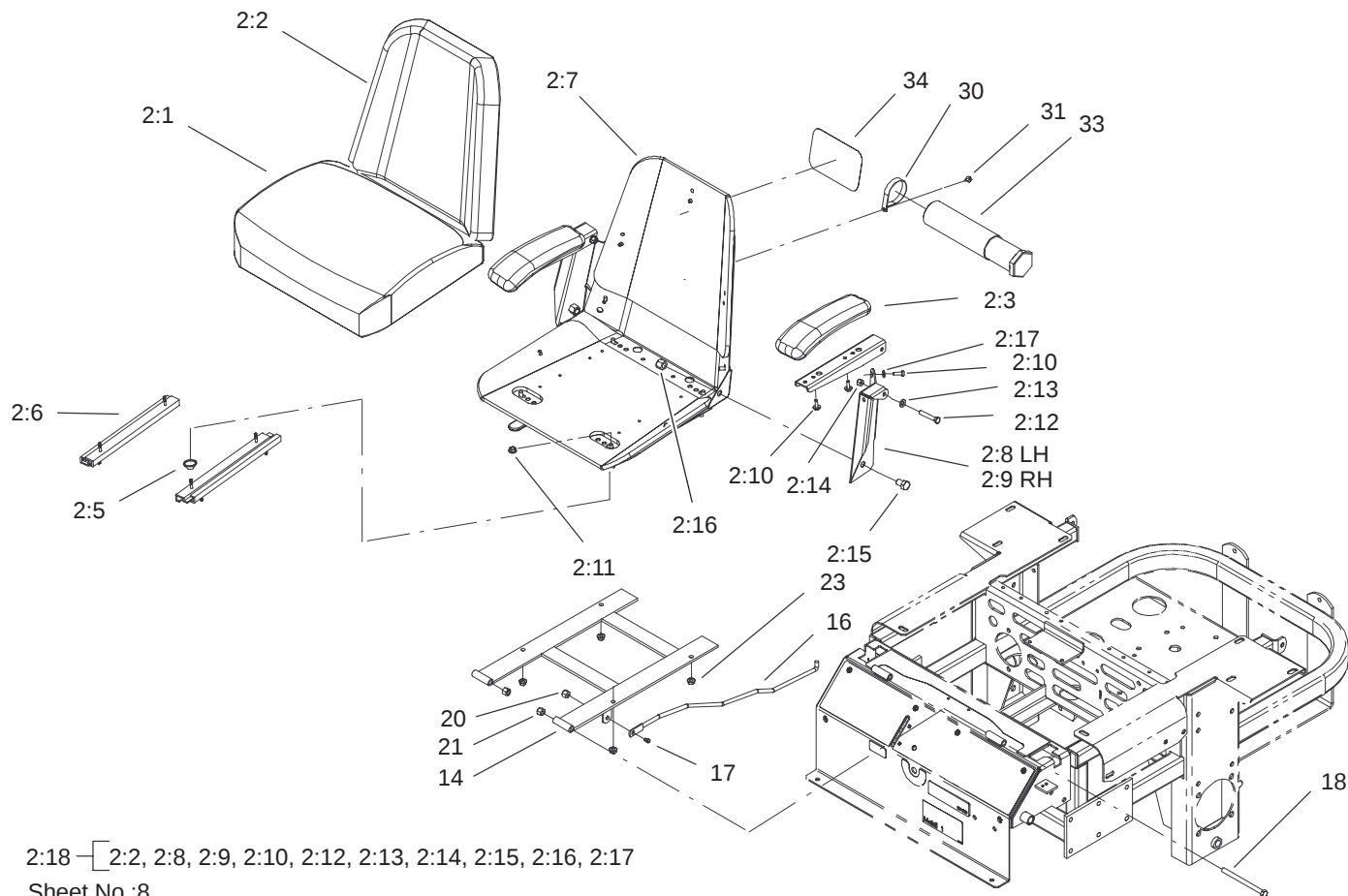


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## Hydraulic System Assembly (Continued)

| Ref. No. | Part No. | Qty. | Description        | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|--------------------|----------|----------|------|-------------|
| 35       | 323-8    | 1    | Screw-HH           |          |          |      |             |
| 36       | 323-9    | 1    | Screw-HH           |          |          |      |             |
| 37       | 1-800805 | 1    | Screw-HH           |          |          |      |             |
| 38       | 323-7    | 4    | Screw-HH           |          |          |      |             |
| 39       | 1-803022 | 2    | Screw-Set          |          |          |      |             |
| 40       | 30-1710  | 2    | Screw              |          |          |      |             |
| 41       | 1-803050 | 2    | Screw-Set          |          |          |      |             |
| 42       | 3256-22  | 2    | Washer-Flat        |          |          |      |             |
| 43       | 3256-3   | 1    | Washer-Flat        |          |          |      |             |
| 44       | 3256-4   | 1    | Washer-Flat        |          |          |      |             |
| 45       | 13-2840  | 1    | Key-Square         |          |          |      |             |
| 46       | 1-807272 | 2    | Key                |          |          |      |             |
| 47       | 3290-357 | 8    | Nut-HHF            |          |          |      |             |
| 48       | 32128-33 | 2    | Nut-HF             |          |          |      |             |
| 49       | 1-805004 | 2    | Washer-Lock        |          |          |      |             |
| 50       | 321-3    | 2    | Screw-HH           |          |          |      |             |
| 51       | 103-2675 | 2    | Pump-HYD           |          |          |      |             |
| *51:1    | 103-2664 | 1    | Input Shaft Kit    |          |          |      |             |
| *51:2    | 103-2665 | 1    | Thrust Bearing Kit |          |          |      |             |
| *51:3    | 103-2666 | 1    | Cylinder Block Kit |          |          |      |             |
| *51:4    | 105-6185 | 1    | Plate-Valve        |          |          |      |             |
| *51:5    | 105-6184 | 1    | Seal Overhaul Kit  |          |          |      |             |
| *51:7    | 106-2053 | 1    | Shock Valve Kit    |          |          |      |             |

\* Not illustrated

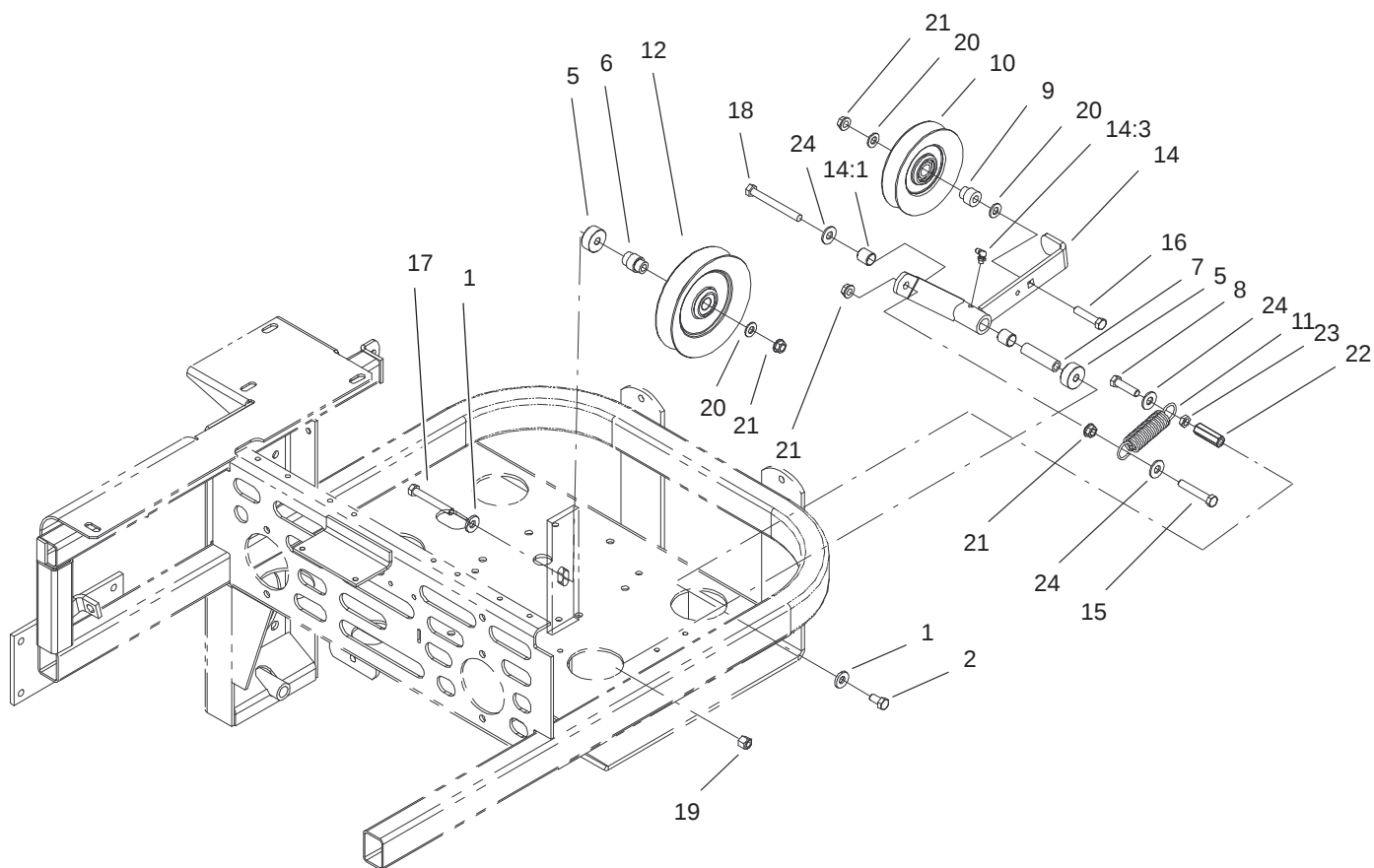


Seat Assembly

| Ref. No. | Part No.    | Qty. | Description          |
|----------|-------------|------|----------------------|
| 2        | 1-633705    | 1    | Seat ASM             |
| 2:1      | 103-0290    | 1    | Cushion-Seat, Bottom |
| 2:2      | 104-7754    | 1    | Cushion-Seat, Back   |
| 2:3      | 1-633710    | 2    | Cushion-Armrest      |
| 2:5      | 1-543401    | 4    | Spacer-Track         |
| 2:6      | 1-643255    | 1    | Track-Seat           |
| 2:7      | 1-633859    | 1    | Frame-Seat           |
| 2:8      | 105-3622    | 1    | Bracket-Armrest, LH  |
| 2:9      | 105-3621    | 1    | Bracket-Armrest, RH  |
| 2:10     | 321-4       | 11   | Screw-HH             |
| 2:11     | 32128-20    | 4    | Nut-HF               |
| 2:12     | 322-10      | 2    | Screw-HH             |
| 2:13     | 3256-23     | 4    | Washer-Flat          |
| 2:14     | 3296-29     | 2    | Nut-Lock, NI         |
| 2:15     | 325-2       | 2    | Screw-HH             |
| 2:16     | 3296-23     | 2    | Nut-Lock, NI         |
| 2:17     | 3256-22     | 11   | Washer-Flat          |
| 2:18     | 105-3620    | 1    | Kit-Armrest          |
| 14       | 1-632187-03 | 1    | Frame-Seat           |
| 16       | 1-633293    | 1    | Rod-Holdup, Seat     |
| 17       | 322-5       | 1    | Screw-HH             |
| 18       | 323-39      | 2    | Screw-HH             |
| 20       | 3296-29     | 1    | Nut-Lock, NI         |
| 21       | 3296-39     | 2    | Nut-Lock, NI         |
| 23       | 32128-20    | 4    | Nut-HF               |
| 30       | 2412-120    | 2    | R-Clamp              |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| 31       | 32104-76 | 2    | Screw       |
| 33       | 74-0720  | 1    | Tube-Manual |
| 34       | 99-4693  | 1    | Decal-Toro  |



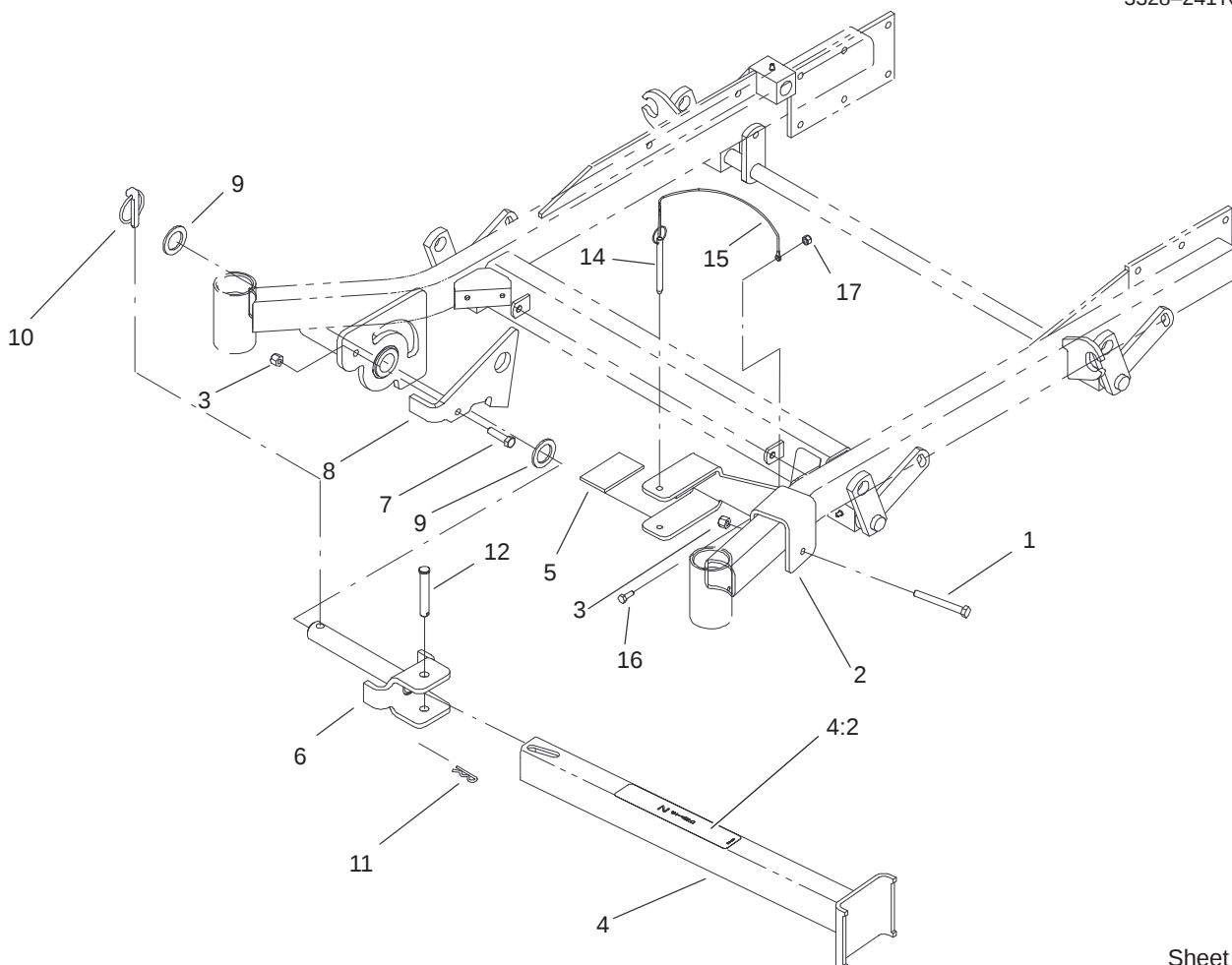


Sheet No.:10

## Idler Assembly

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 1        | 98-5975  | 2    | Washer-Belleville    |
| 2        | 323-4    | 1    | Screw-HH             |
| 5        | 103-2956 | 2    | Spacer-Idler         |
| 6        | 103-2627 | 1    | Bushing-Idler        |
| 7        | 1-603384 | 1    | Bushing-Pivot, Idler |
| 8        | 323-8    | 1    | Screw-HH             |
| 9        | 1-603496 | 1    | Bushing-Idler        |
| 10       | 99-4638  | 1    | Idler                |
| 11       | 1-603402 | 1    | Spring-Extension     |
| 12       | 1-633166 | 1    | Pulley-Idler         |
| 14       | 99-4677  | 1    | Idler Arm ASM        |
| 14:1     | 1-513034 | 2    | Sleeve-Bearing       |
| 14:3     | 302-40   | 1    | Fitting-Grease       |
| 15       | 323-11   | 2    | Screw-HH             |
| 16       | 323-9    | 1    | Screw-HH             |
| 17       | 323-20   | 1    | Screw-HH             |
| 18       | 323-16   | 1    | Screw-HH             |
| 19       | 3296-39  | 1    | Nut-Lock, NI         |
| 20       | 3256-24  | 3    | Washer-Flat          |
| 21       | 3290-357 | 4    | Nut-HHF              |
| 22       | 103-3286 | 1    | Nut-Coupling         |
| 23       | 3218-3   | 1    | Nut-Jam              |
| 24       | 3256-4   | 3    | Washer-Flat          |

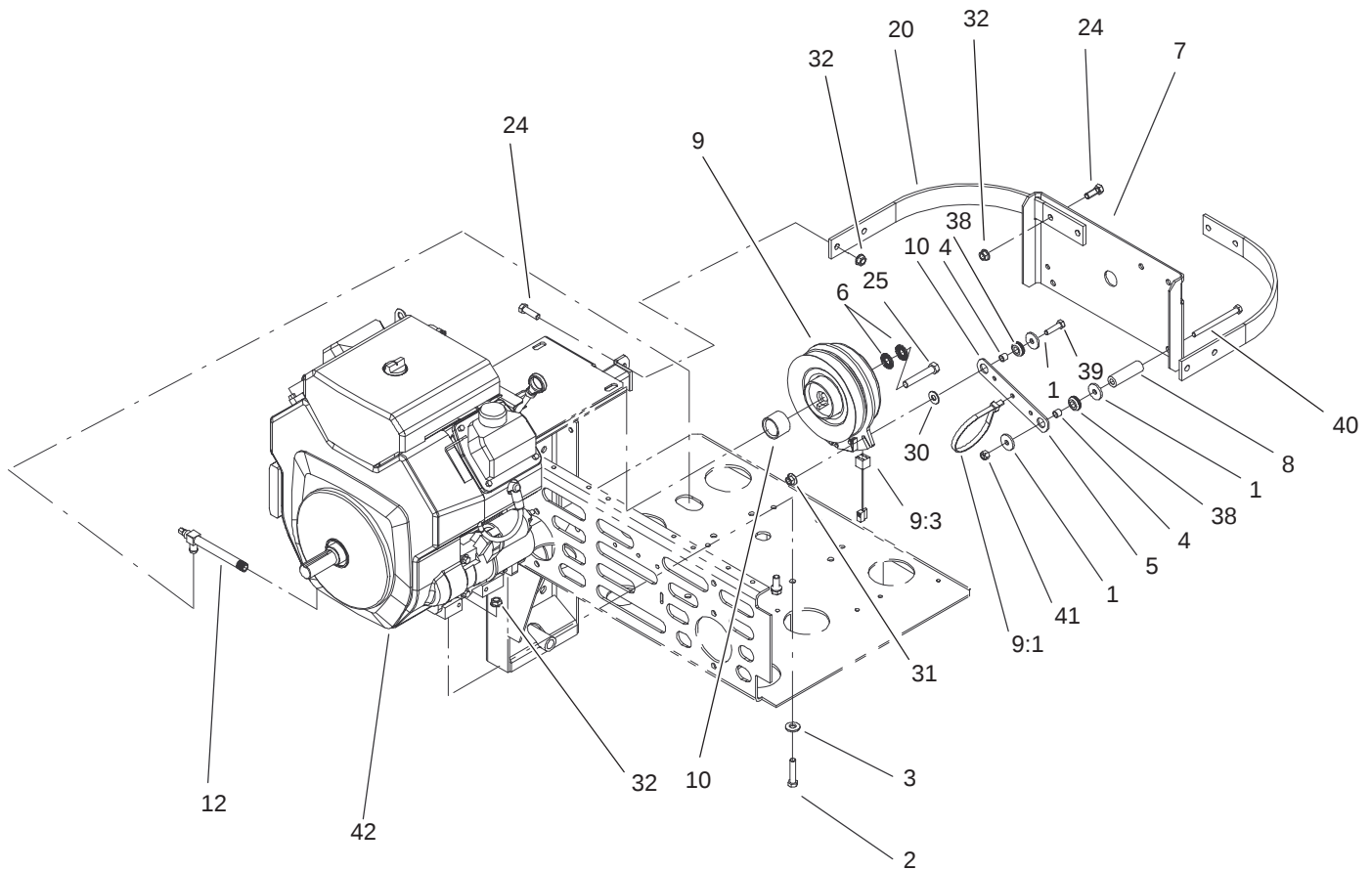
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:11

## Stand Assembly

| Ref. No. | Part No.    | Qty. | Description           |
|----------|-------------|------|-----------------------|
| 1        | 323-20      | 1    | Screw-HH              |
| 2        | 100-6542-01 | 1    | Bracket-Cradle        |
| 3        | 3296-39     | 2    | Nut-Lock, NI          |
| 4        | 100-6545    | 1    | Leg ASM               |
| 4:2      | 104-7758    | 1    | Decal-Z Stand         |
| 5        | 283-55      | 1    | Pin-Clevis            |
| 6        | 100-9692-01 | 1    | Pivot Pin ASM         |
| 7        | 323-8       | 1    | Screw-HH              |
| 8        | 100-9686-01 | 1    | Bracket-Latch         |
| 9        | 3-6781      | 2    | Washer-Thrust         |
| 10       | 283-71      | 1    | Pin-Lynch             |
| 11       | 3290-355    | 1    | Pin-Hair              |
| 12       | 100-6547    | 2    | Cushion-Rubber        |
| 14       | 105-1647    | 1    | Pin-Hitch, Cotterless |
| 15       | 100-9385    | 1    | Lanyard-Nylon         |
| 16       | 321-4       | 1    | Screw-HH              |
| 17       | 3296-42     | 1    | Nut-Lock, NI          |



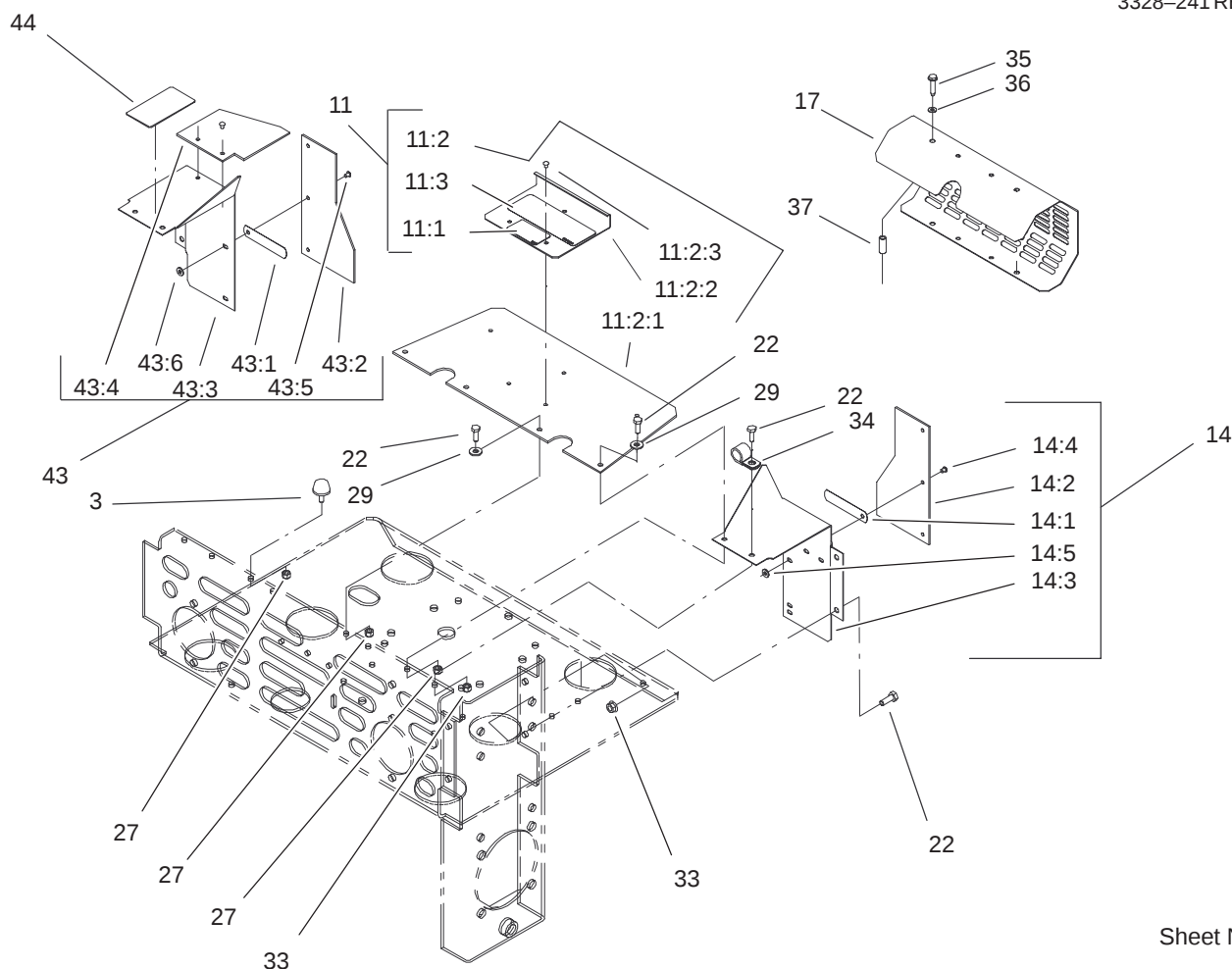
Sheet No.:12

## Clutch Assembly

| Ref. No. | Part No.    | Qty. | Description            |
|----------|-------------|------|------------------------|
| 1        | 1-613235    | 4    | Washer                 |
| 2        | 323-9       | 4    | Screw-HH               |
| 3        | 98-5975     | 4    | Washer-Belleville      |
| 4        | 1-633545    | 2    | Spacer-Grommet         |
| 5        | 1-633543-03 | 1    | Strap-Clutch, Brake    |
| 6        | 1-603610    | 2    | Washer-Spring          |
| 7        | 1-633615-03 | 1    | Guard-Clutch           |
| 8        | 1-633988    | 1    | Spacer-Anchor, Clutch  |
| 9        | 103-0662    | 1    | Clutch ASM             |
| 9:1      | 1-303335    | 1    | Tie-Plastic            |
| 9:3      | 105-1670    | 1    | Harness-Jumper, Clutch |
| 10       | 1-633453    | 1    | Spacer-Clutch          |
| 12       | 103-1996    | 1    | Valve-Oil Drain, Long  |
| 20       | 1-643264-03 | 2    | Bracket-Guard, Top     |
| 24       | 323-6       | 6    | Screw-HH               |
| 25       | 3212-10     | 1    | Screw-HH               |
| 30       | 3256-3      | 1    | Washer-Flat            |
| 31       | 32128-20    | 1    | Nut-HF                 |
| 32       | 3290-357    | 8    | Nut-HHF                |
| 38       | 1-633630    | 2    | Grommet-Brake          |
| 39       | 322-6       | 1    | Screw-HH               |
| 40       | 322-19      | 1    | Screw-HH               |
| 41       | 3296-29     | 1    | Nut-Lock, NI           |

| Ref. No. | Part No. | Qty. | Description                |
|----------|----------|------|----------------------------|
| ☆42      |          | 1    | Engine-Kohler, Ch23s-76569 |

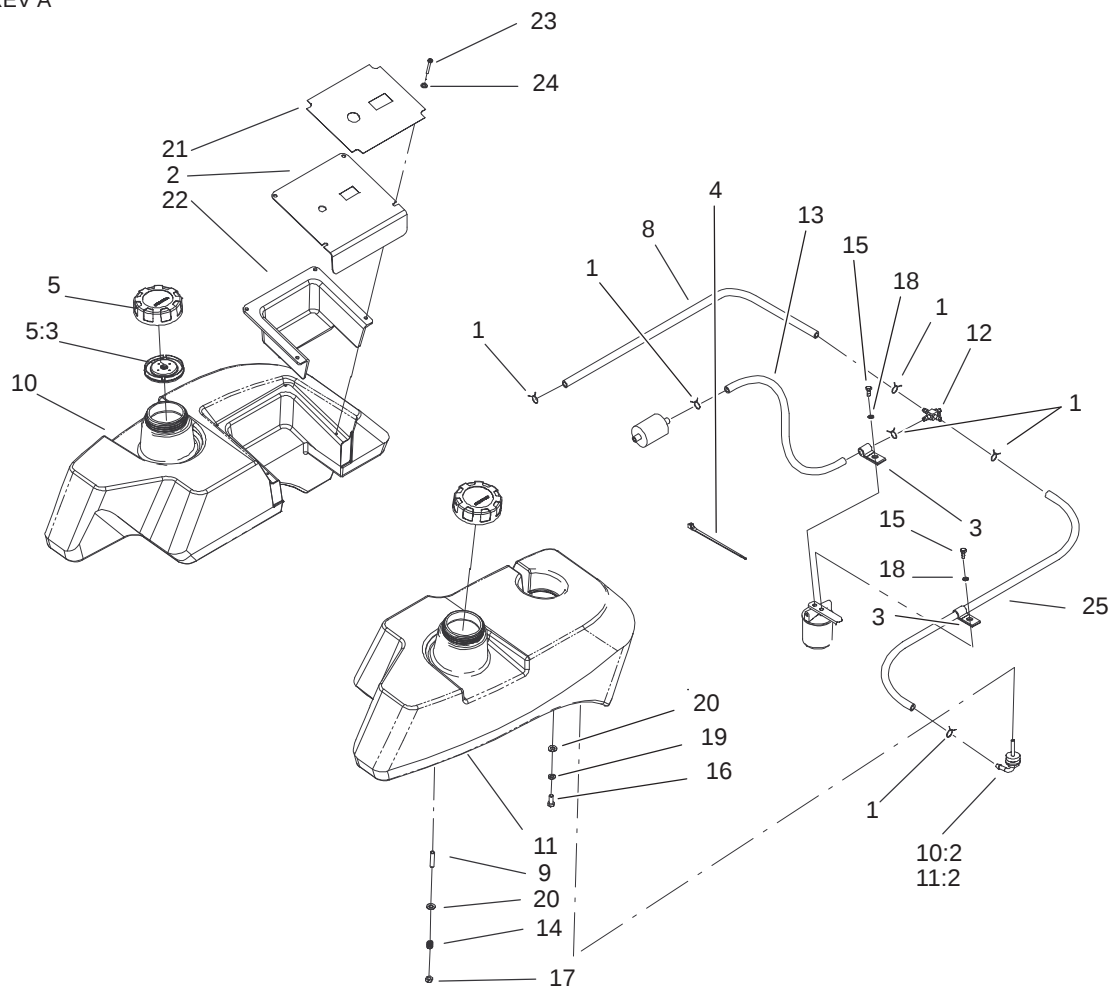
☆ Not serviced separately



Sheet No.:13

## Shield Assembly

| Ref. No. | Part No.    | Qty. | Description              | Ref. No. | Part No.    | Qty. | Description              |
|----------|-------------|------|--------------------------|----------|-------------|------|--------------------------|
| 3        | 1-523420    | 2    | Bumper                   | 43:1     | 1-523285    | 1    | Clip-Baffle, Rear        |
| 11       | 1-644276    | 1    | Shield ASM               | 43:2     | 1-633301    | 1    | Shield-Engine            |
| 11:1     | 1-633462    | 1    | Decal-Important          | 43:3     | 1-633794-03 | 1    | Baffle-Engine Shield, RH |
| 11:2     | 1-634308    | 1    | Shield/Lift ASM          | 43:4     | 1-643315    | 1    | Baffle-Cooler, Engine    |
| 11:2:1   | 103-1308    | 1    | Shield-Engine            | 43:5     | 1-803035    | 5    | Rivet-Pop                |
| 11:2:2   | 1-633300-03 | 1    | Lift-Shield              | 43:6     | 3256-63     | 5    | Washer-Flat              |
| 11:2:3   | 1-803035    | 3    | Rivet-Pop                | 44       | 1-643339    | 1    | Decal-Routing, Belt      |
| 11:3     | 103-0368    | 1    | Decal-Devices, Rotating  |          |             |      |                          |
| 14       | 1-634796    | 1    | LH Shield ASM            |          |             |      |                          |
| 14:1     | 1-523285    | 1    | Clip-Baffle, Rear        |          |             |      |                          |
| 14:2     | 1-633301    | 1    | Shield-Engine            |          |             |      |                          |
| 14:3     | 1-633795-03 | 1    | Baffle-Engine Shield, LH |          |             |      |                          |
| 14:4     | 1-803035    | 3    | Rivet-Pop                |          |             |      |                          |
| 14:5     | 3256-63     | 3    | Washer-Flat              |          |             |      |                          |
| 17       | 1-643313-03 | 1    | Guard-Muffler            |          |             |      |                          |
| 22       | 321-4       | 10   | Screw-HH                 |          |             |      |                          |
| 27       | 3296-42     | 6    | Nut-Lock, NI             |          |             |      |                          |
| 29       | 3256-2      | 4    | Washer-Flat              |          |             |      |                          |
| 33       | 32128-33    | 5    | Nut-HF                   |          |             |      |                          |
| 34       | 1-633396    | 1    | Clip-Loom                |          |             |      |                          |
| 35       | 1-809076    | 2    | Screw                    |          |             |      |                          |
| 36       | 1-323235    | 2    | Washer-Spring            |          |             |      |                          |
| 37       | 1-323236    | 2    | Spacer                   |          |             |      |                          |
| 43       | 1-644316    | 1    | RH Shield ASM            |          |             |      |                          |

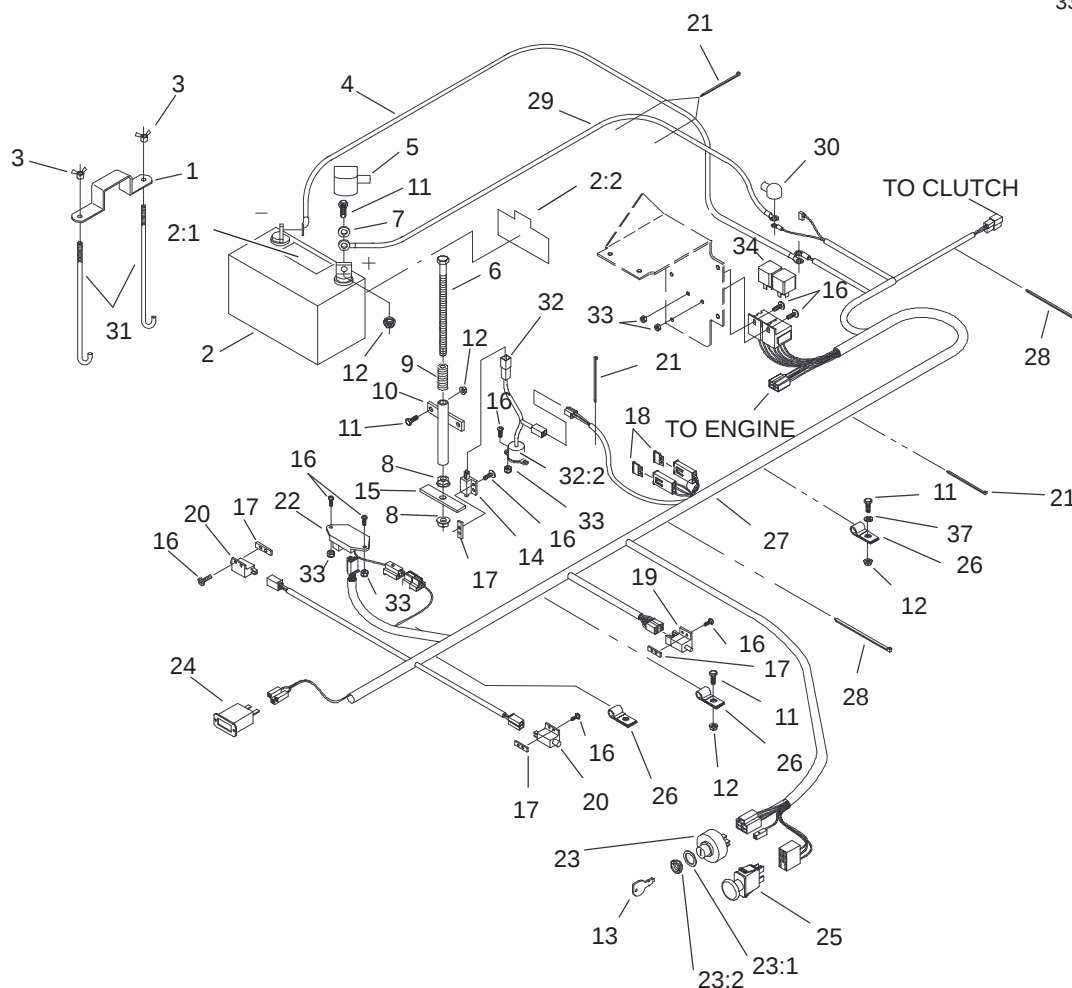


Sheet No.:22

# Fuel System Assembly

| Ref. No. | Part No.   | Qty. | Description            |
|----------|------------|------|------------------------|
| 1        | 1-303077   | 6    | Clamp-Line, Fuel       |
| 2        | 99-4656-03 | 1    | Panel-Control          |
| 3        | 1-513762   | 2    | Clip-Loom              |
| 4        | 1-303335   | 1    | Tie-Plastic            |
| 5        | 88-3980    | 2    | Gas Cap ASM            |
| 5:3      | 88-4010    | 1    | Gasket-Cap, Gas        |
| 8        | 1-543456   | 1    | Hose-Fuel              |
| 9        | 1-633023   | 6    | Stud                   |
| 10       | 105-3629   | 1    | LH Fuel Tank ASM       |
| 10:2     | 103-2605   | 1    | Fitting-Fuel, Bulkhead |
| 11       | 105-3628   | 1    | RH Fuel Tank ASM       |
| 11:2     | 103-2605   | 1    | Fitting-Fuel, Bulkhead |
| 12       | 1-633347   | 1    | Valve-Fuel             |
| 13       | 103-0216   | 1    | Hose-Fuel              |
| 14       | 1-633349   | 6    | Spring-Tank, Fuel      |
| 15       | 321-3      | 2    | Screw-HH               |
| 16       | 322-3      | 2    | Screw-HH               |
| 17       | 3296-47    | 6    | Nut-Lock, NI           |
| 18       | 1-805004   | 2    | Washer-Lock            |
| 19       | 1-805005   | 2    | Washer-Lock            |
| 20       | 3256-23    | 8    | Washer-Flat            |
| 21       | 99-4632    | 1    | Decal-Panel, Control   |
| 22       | 99-4940    | 1    | Shield-Panel, Control  |
| 23       | 1-803071   | 4    | Screw                  |
| 24       | 1-303435   | 4    | Washer-Spring          |
| 25       | 103-2885   | 1    | Hose-Fuel              |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

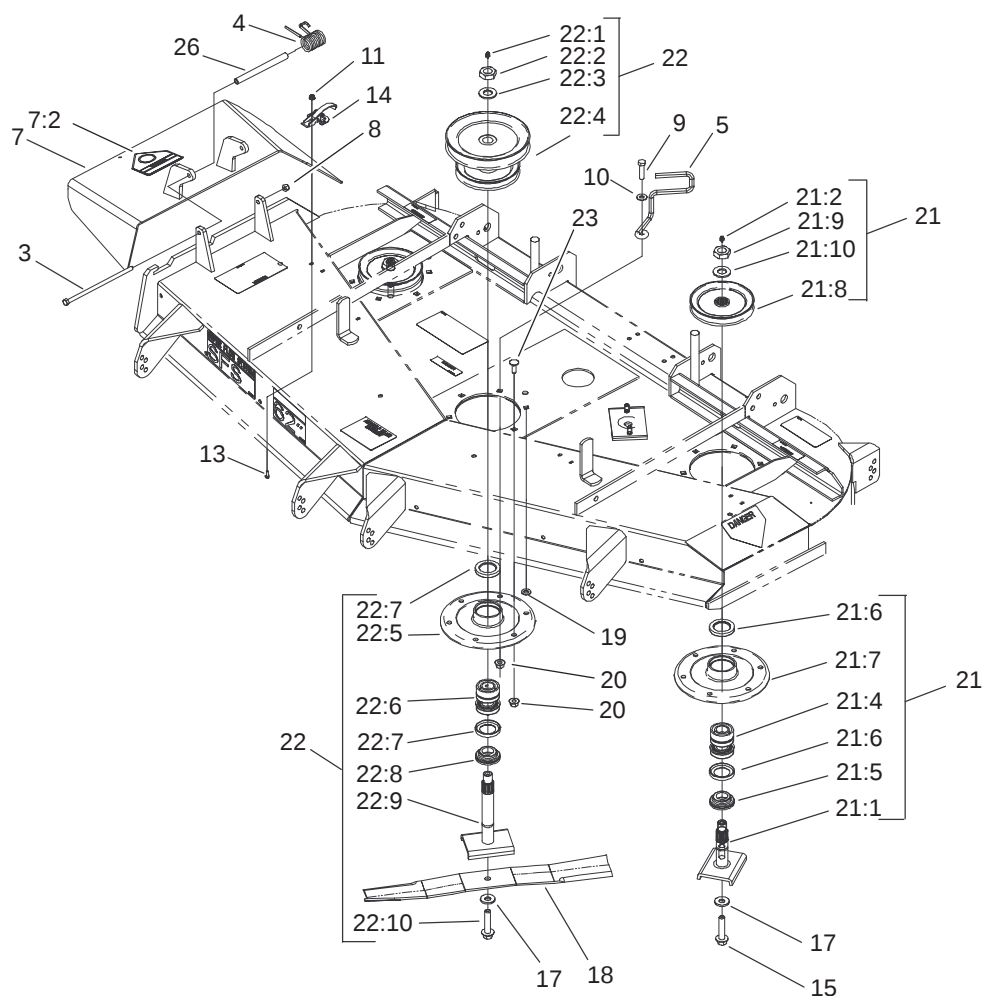


Sheet No.:27

## Electrical System Assembly

| Ref. No. | Part No.    | Qty. | Description             | Ref. No. | Part No. | Qty. | Description           |
|----------|-------------|------|-------------------------|----------|----------|------|-----------------------|
| 1        | 1-633652-03 | 1    | Strap-Holddown          | 23       | 88-9830  | 1    | Key Switch ASM        |
| 2        | 105-1692    | 1    | Battery                 | 23:1     | 3254-5   | 1    | Washer-Lock, Internal |
| 2:1      | 104-4163    | 1    | Decal-Battery           | 23:2     | 218-461  | 1    | Nut-HH                |
| 2:2      | 104-4164    | 1    | Decal-Battery           | 24       | 1-513374 | 1    | Meter-Hour            |
| 3        | 1-543792    | 2    | Wingnut                 | 25       | 1-633673 | 1    | Switch-Delta          |
| 4        | 1-633307    | 1    | Wire-Ground             | 26       | 1-633396 | 3    | Clip-Loom             |
| 5        | 1-543391    | 1    | Insulator-Battery       | 27       | 100-4340 | 1    | Harness-Wire          |
| 6        | 1-800282    | 1    | Screw-HH                | 28       | 1-303335 | 2    | Tie-Plastic           |
| 7        | 3256-2      | 2    | Washer-Flat             | 29       | 1-523281 | 1    | Wire-Starter          |
| 8        | 32128-20    | 2    | Nut-HF                  | 30       | 1-543393 | 1    | Insulator-Solenoid    |
| 9        | 1-523415    | 1    | Spring-Switch, Seat     | 31       | 1-633651 | 2    | Bolt-Holddown         |
| 10       | 1-522424-03 | 1    | Mount-Spring, Seat      | 32       | 1-644427 | 1    | Tilt Switch ASM       |
| 11       | 321-4       | 6    | Screw-HH                | 32:2     | 1-643401 | 1    | Decal-Switch, Mercury |
| 12       | 32128-33    | 6    | Nut-HF                  | 33       | 3296-2   | 6    | Nut-Lock              |
| 13       | 63-8360     | 2    | Key-Ignition            | 34       | 1-643275 | 2    | Relay                 |
| 14       | 1-513152    | 1    | Switch-Closed, Normally | 37       | 3256-22  | 1    | Washer-Flat           |
| 15       | 1-513180    | 1    | Plate-Switch, Seat      |          |          |      |                       |
| 16       | 3290-500    | 14   | Screw-PPH               |          |          |      |                       |
| 17       | 1-633181    | 4    | Plate-Tapped            |          |          |      |                       |
| 18       | 1-816001    | 2    | Fuse-Type, Blade        |          |          |      |                       |
| 19       | 1-633111    | 1    | Switch                  |          |          |      |                       |
| 20       | 1-513051    | 2    | Switch-Open, Normally   |          |          |      |                       |
| 21       | 1-303287    | 5    | Tie-Plastic             |          |          |      |                       |
| 22       | 100-6186    | 1    | Module-Delay, Seat      |          |          |      |                       |

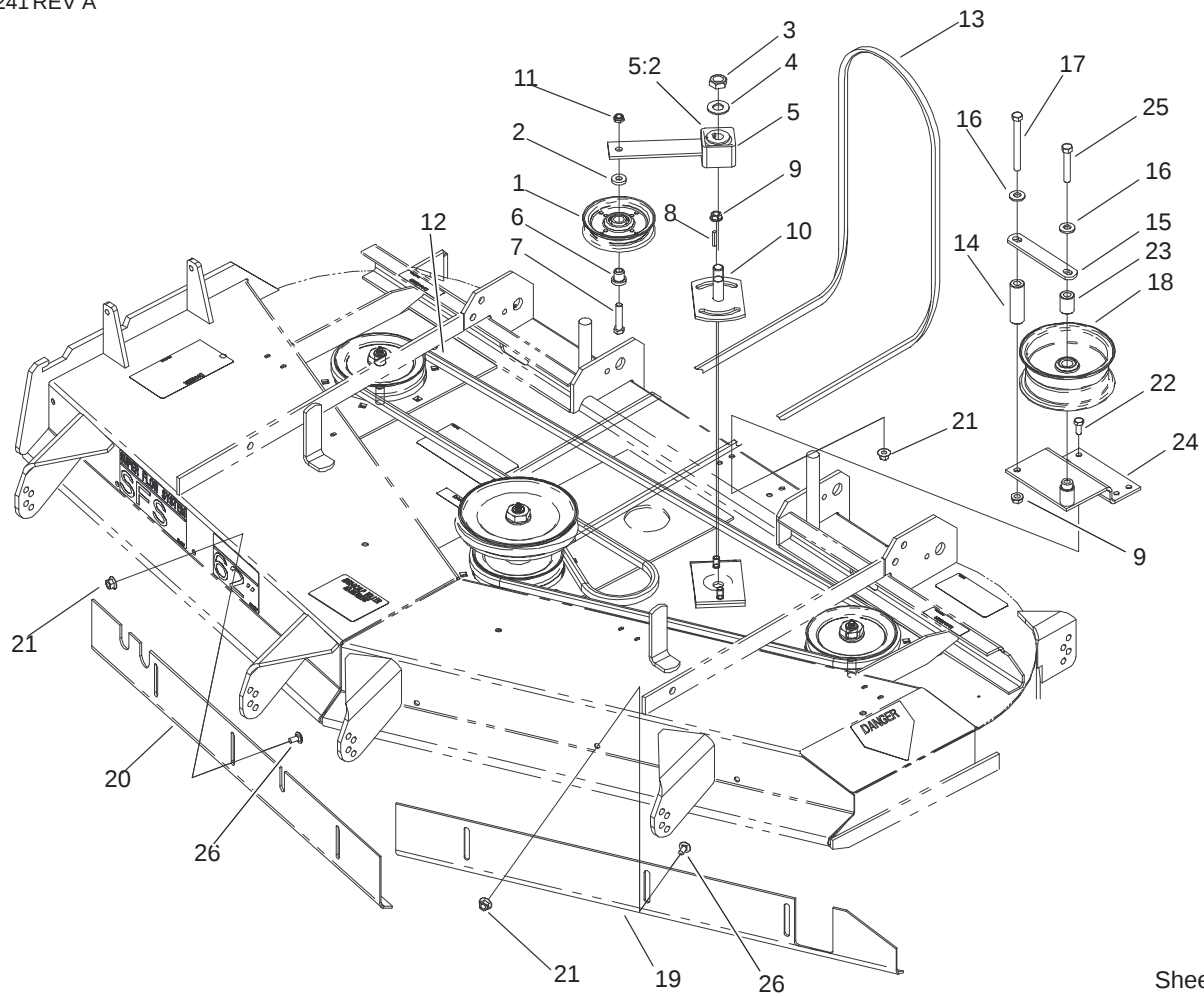




Sheet No.:62

## Spindle and Pulley Assembly

| Ref. No. | Part No. | Qty. | Description        | Ref. No. | Part No. | Qty. | Description         |
|----------|----------|------|--------------------|----------|----------|------|---------------------|
| 3        | 322-50   | 1    | Screw-HH           | 22       | 105-1689 | 1    | Spindle Housing ASM |
| 4        | 104-8554 | 1    | Spring-Torsion     | 22:1     | 302-2    | 1    | Fitting-Grease      |
| 5        | 99-8933  | 1    | Guide-Belt         | 22:2     | 32146-20 | 1    | Nut-Jam             |
| 7        | 105-3605 | 1    | Deflector ASM      | 22:3     | 92-5836  | 1    | Washer              |
| 7:2      | 93-1122  | 1    | Decal-Danger       | 22:4     | 100-4307 | 1    | Pulley And Hub ASM  |
| 8        | 3296-29  | 1    | Nut-Lock, NI       | 22:5     | 61-4160  | 1    | Housing             |
| 9        | 323-8    | 1    | Screw-HH           | 22:6     | 46-8530  | 1    | Bearing ASM         |
| 10       | 3256-3   | 1    | Washer-Flat        | 22:7     | 253-139  | 2    | Seal-Oil            |
| 11       | 32128-17 | 8    | Nut-Lock, Flange   | 22:8     | 27-0950  | 1    | Spacer              |
| 13       | 3290-321 | 8    | Screw-HWH          | 22:9     | 105-1686 | 1    | Spindle Shaft ASM   |
| 14       | 249-21   | 4    | Clamp-Slotted      | 22:10    | 92-5816  | 1    | Bolt-Blade          |
| 15       | 92-5816  | 2    | Bolt-Blade         | 23       | 3231-22  | 17   | Screw-CARR          |
| 17       | 1-513435 | 3    | Washer-Spring      | 26       | 105-4622 | 1    | Spacer              |
| 18       | 44-6250  | 3    | Blade              |          |          |      |                     |
| 19       | 3256-24  | 1    | Washer-Flat        |          |          |      |                     |
| 20       | 32128-21 | 18   | Nut-HF             |          |          |      |                     |
| 21       | 99-4640  | 2    | Outer Spindle ASM  |          |          |      |                     |
| 21:1     | 27-0920  | 1    | Shaft              |          |          |      |                     |
| 21:2     | 302-2    | 1    | Fitting-Grease     |          |          |      |                     |
| 21:4     | 46-8530  | 1    | Bearing ASM        |          |          |      |                     |
| 21:5     | 27-0950  | 1    | Spacer             |          |          |      |                     |
| 21:6     | 253-139  | 2    | Seal-Oil           |          |          |      |                     |
| 21:7     | 61-4160  | 1    | Housing            |          |          |      |                     |
| 21:8     | 99-4614  | 1    | Pulley And Hub ASM |          |          |      |                     |
| 21:9     | 32146-20 | 1    | Nut-Jam            |          |          |      |                     |
| 21:10    | 7-4150   | 1    | Washer             |          |          |      |                     |



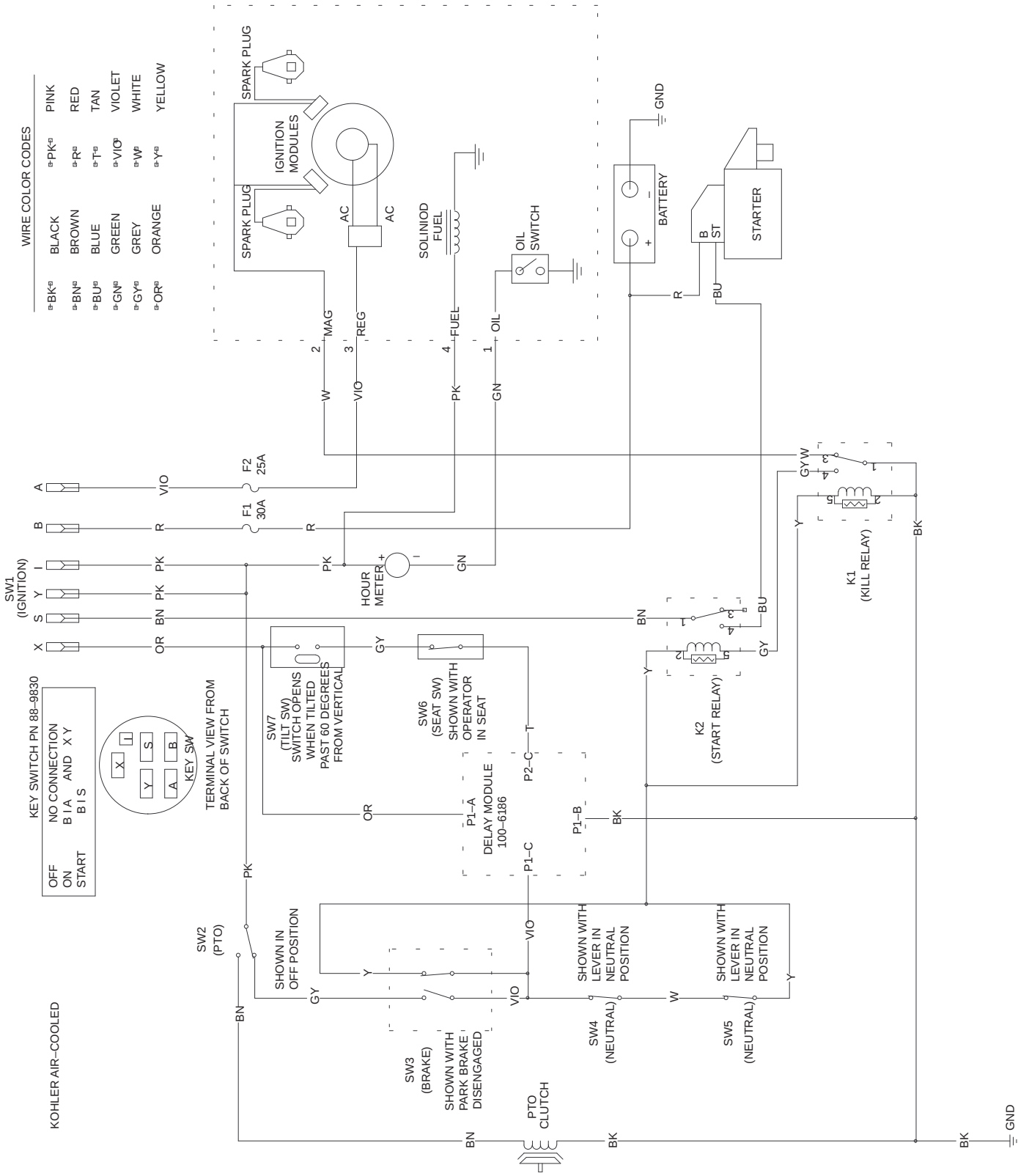
Sheet No.:63

## Belt and Idler Arm Assembly

| Ref. No. | Part No.   | Qty. | Description        |
|----------|------------|------|--------------------|
| 1        | 65-5940    | 1    | Pulley-Idler       |
| 2        | 7-0081     | 1    | Washer-Flat        |
| 3        | 3296-71    | 1    | Nut-Lock NI        |
| 4        | 3256-27    | 1    | Washer-Flat        |
| 5        | 27-8580    | 1    | Idler Arm ASM      |
| 5:2      | 27-8490    | 1    | Bushing-Rubber     |
| 6        | 65-5950    | 1    | Bushing-Pulley     |
| 7        | 3211-8     | 1    | Screw-HH           |
| 8        | 5-1077     | 1    | Key-Square         |
| 9        | 3290-357   | 3    | Nut-HHF            |
| 10       | 44-6301    | 1    | Plate-Idler, LH    |
| 11       | 3296-5     | 1    | Nut-Lock, NI       |
| 12       | 44-6260    | 1    | V-Belt             |
| 13       | 99-4647    | 1    | V-Belt-Drive, Deck |
| 14       | 99-4659    | 1    | Spacer-Bracket     |
| 15       | 1-653189   | 1    | Plate              |
| 16       | 98-5975    | 2    | Washer-Belleville  |
| 17       | 323-42     | 1    | Screw-HH           |
| 18       | 1-413099   | 1    | Pulley-Idler       |
| 19       | 99-2833-03 | 1    | Baffle-Front, LH   |
| 20       | 99-2834-03 | 1    | Baffle-Front, RH   |
| 21       | 32128-20   | 10   | Nut-HF             |
| 22       | 322-3      | 4    | Screw-HH           |
| 23       | 1-653190   | 1    | Spacer             |
| 24       | 99-4684-01 | 1    | Bracket-Pulley     |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| 25       | 323-11   | 1    | Screw-HH    |
| 26       | 3230-18  | 6    | Screw-CARR  |

# Electrical Schematic



## Maintenance Record

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## Maintenance Record

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