# Hustler Z CE Parts Manual



Hustler Turf Equipment

••••

P.O. Box 7000

•••

Hesston, Kansas

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67062-2097



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#### Section 1

### **General Information**

This Manual covers Hustler Z models **927723CE**, **927731CE**, **and 928432CE**, with serial numbers higher than 07020000.

### Frequently Ordered Parts

PART NO.

| 768341 | Hydraulic Oil Filter                            |
|--------|---|
| 781443 | Pump Drive Belt                                 |
| 797696 | Blade, F18.50"-H-F-CW (54" Side Discharge Deck) |
| 794685 | Blade, F20.50"-H-F-CW (60" Side Discharge Deck) |
| 601012 | Blade, F18.50"-L-F-CW (54" Rear Discharge Deck) |
| 601013 | Blade, F18.50-L-F-CCW (54" Rear Discharge Deck) |

**DESCRIPTION** 

797928 Belt, B-Section (54" Side Discharge Deck)
797720 Belt, B-Section (60" Side Discharge Deck)
601015 Belt, B-Section (54" Rear Discharge Deck)

068478 Fuel Filter

785261 Main Air Filter Element (Including Kaw. 29 HP w/ S/N after 10062339)

785279 Safety Air Filter Element (Kaw. 25 HP w HD & 29 HP w/ S/N after 10062339)

601652 Main Filter Element (Kaw. 29 HP w/ S/N prior to 10062339) 601653 Safety Filter Element (Kaw. 29 HP w/ S/N prior to 10062339)

772079 Kawasaki Engine Oil Filter

### Service Literature

| PART NO. | DESCRIPTION |
|----------|-------------|
|          |             |

799411CE Owner's Manual

778423 Kawasaki 19–25 hp Engine Owner's Manual

Note: When ordering parts, you must use the part number as shown for each part, not the index number. Always give the model and serial number to your parts and service representative.

Note: Items sold in bulk such as seals and hoses are sold by the foot.

#### Using this manual

Illustrations used were current at the time of printing, but subsequent production changes may cause your machine to vary slightly in detail. Excel Industries, Inc. reserves the right to redesign and change the machine as deemed necessary, without notification. If a change has been made to your machine which is not reflected in this parts manual, see your Hustler dealer for current information and parts.

### **Hardware Description Codes & Abbreviations**

The following codes are used throughout this parts manual. Refer to this list when ordering parts.

| ABBREVIATION | DESCRIPTION   | ABBREVIATION | DESCRIPTION            |
|--------------|---------------|--------------|------------------------|
| 0.5          | O ' D "       | 145          |                        |
| СВ           | Carriage Bolt | MB           | Machine Bushing        |
| CE           | Clevis Pin    | MS           | Machine Screw          |
| CP           | Cotter Pin    | NT           | Nut                    |
| CS           | Cap Screw     | SC           | Self Tapping Cap Screw |
| CW           | Cup Washer    | SH           | Socket Head            |
| FDRW         | Fender Washer | SB           | Shoulder Bolt          |
| FW           | Flat Washer   | SS           | Set Screw              |
| HX           | Hex Head      | OD           | Outside Diameter       |
| LW           | Lock Washer   | ID           | Inside Diameter        |

#### **Standard Torques**

The following chart lists the standard torque values for the threaded fasteners found in this manual. Torque all cap screws, nuts and set screws to these values unless a different torque is shown in the Notes section next to the fastener.

| SIZE | FT-LBS | NM   | SIZE | FT-LBS | NM    |
|------|--------|------|------|--------|-------|
| .250 | 8.2    | 11.1 | M3   | 1      | 1.3   |
| .312 | 17     | 23   | M4   | 2.2    | 3     |
| .375 | 30     | 40   | M5   | 4.5    | 6.1   |
| .438 | 48     | 65   | M6   | 7.7    | 10.4  |
| .500 | 73     | 99   | M8   | 18.5   | 25    |
| .562 | 105    | 143  | M10  | 37     | 50    |
| .625 | 145    | 200  | M12  | 64     | 87    |
| .750 | 260    | 350  | M14  | 80     | 108.5 |
| .875 | 420    | 565  | M16  | 160    | 215   |
| 1.00 | 625    | 850  | M20  | 320    | 435   |
|      |        |      | M24  | 555    | 750   |

#### NOTE:

Loctite® 592 to be used on all pipe threads. Lubricate all grease zerks.

## Section 2

| Rivet Nut Installation | <br> |  |  |  |  | <br> |  |  | ٠ |      | • |  |  | 2-2 |
|------------------------|------|--|--|--|--|------|--|--|---|------|---|--|--|-----|
| Footrest Assembly      | <br> |  |  |  |  | <br> |  |  |   | <br> |   |  |  | 2-3 |

# **Rivet Nut Installation** FOR KAWASAKI 4 3) 26 HP LIQUID **COOLED ONLY** 면 **2** (1) 3 (2 (3) (2) FOR ALL MOWERS EXCEPT 26 HP LIQUID COOLED (5)**√1**

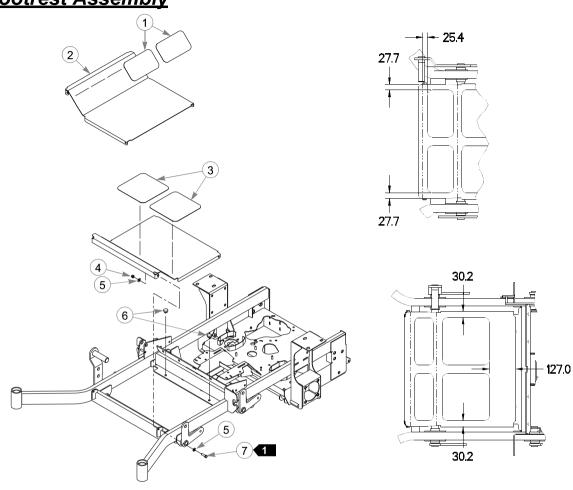
| ITEM NO. | SERVICE<br>PART NO. | MFG. PART<br>NO. | QTY. | DESCRIPTION                                      |
|----------|---------------------|------------------|------|--|
| 1        | 548032              | 107701           | 1    | MOWER FRAME (54" SIDE DISCHARGE)                 |
|          | 547760              | 106211           | 1    | MOWER FRAME (60" SIDE DISCHARGE)                 |
|          | 547752              | 106039           | 1    | MOWER FRAME (66" SIDE DISCHARGE)                 |
|          | 548545              | 108093           | 1    | MOWER FRAME (54" REAR DISCHARGE)                 |
| 2        | 808493              | 808493           | 13   | 3/8-16 THREAD RIVET NUT                          |
| 3        | 600961              | 600961           | 8    | 1/2-13 THREAD RIVET NUT                          |
| 4        | 808477              | 808477           | 2    | 1/4-20 THREAD RIVET NUT (KAW AIR COOLED ONLY)    |
| 4        | 808477              | 808477           | 3    | 1/4-20 THREAD RIVET NUT (KAW LIQUID COOLED ONLY) |
| 5        | 547950              | 106732           | 1    | XR7 MMZ SEAT SUPPORT                             |
|          | 549303              | 109678           | 1    | SEAT SUPPORT                                     |

#### NOTES:

- 1. Seat support 547950 includes rivet nuts.
- 2. Mowers with serial numbers prior to 08010000 require (2) of 808493 (Rivet Nut 3/8-16 thread).

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## Footrest Assembly



| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                     |
|-------------|---------------------|------------------|-----|---------------------------------|
| 1           | 359547              | 359547           | 2   | STEP TREAD                      |
| 2           | 395533              | 395533           | 1   | FLOOR                           |
| 3           | 305615              | 305615           | 2   | PLATFORM STEP TREAD             |
| 4           | 086660              | 086660           | 2   | NT .375-16 HX LK NY             |
| 5           | 767954              | 767954           | 4   | FW .406 X .812 X .060 SAE HD ZN |
| 6           | 781880              | 781880           | 2   | RUBBER BUMPER                   |
| 7           | 052860              | 052860           | 2   | CS .375-16 X 1.250 HX G5 ZN     |
|             |                     |                  |     |                                 |

#### NOTES:

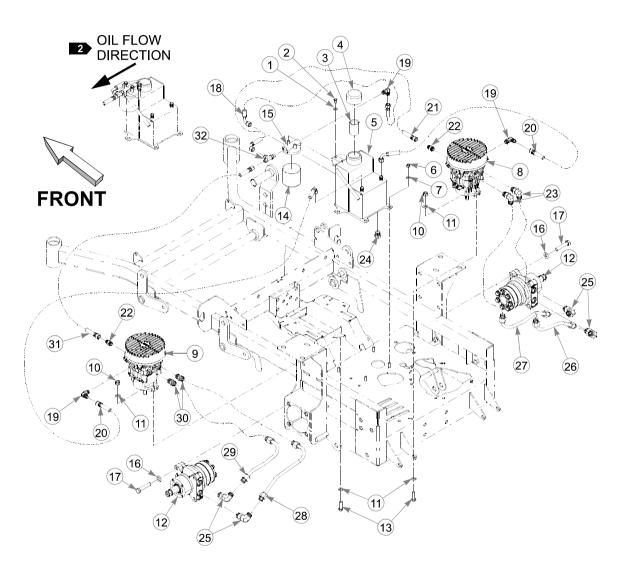
1. Do not tighten, Item 2 (348276 Floor) must be able to pivot on these bolts.

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### **Section 3**

| Hydraulic System Installation—S/N 07120009 & Higher | 3-2 |
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## Hydraulic System Installation—S/N 07120009 & Higher



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## Hydraulic System Installation—S/N 07120009 & Higher

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                         |
|-------------|---------------------|------------------|-----|-------------------------------------|
| 1           | 768515              | 768515           | 2   | FW .281 X .625 X .051/.080 HD ZN/YL |
| 2           | 055947              | 055947           | 2   | CS .250-20 X .500 HX G5 ZN          |
| 3           | 032771              | 032771           | 1   | STRAINER                            |
| 4           | 032763              | 032763           | 1   | BREATHER CAP                        |
| 5           | 548636CE            | 349860           | 1   | RESERVOIR                           |
| 6           | 034272              | 034272           | 4   | NT .312-18 HX G5 ZN                 |
| 7           | 768523              | 768523           | 4   | FW .343 X .687 X .051/.080 HD ZN/YL |
| 8           | 601133              | 601133           | 1   | PUMP, HYD 12CC W/ FAN RH            |
| 9           | 601134              | 601134           | 1   | PUMP, HYD 12CC W/ FAN LH            |
| 10          | 041707              | 041707           | 4   | NT .437-14 HX G5 ZN                 |
| 11          | 704742              | 704742           | 8   | FW .453 X .812 X .060 ZN            |
| 12          | 602382              | 602382           | 2   | MOTOR, TF0240 PARKER                |
| 4           | 600922              | 600922           | 2   | MOTOR, HGM-15E-3138                 |
| 13          | 705186              | 705186           | 4   | CS .437-14 X 1.375 HX G5 ZN         |
| 14          | 768341              | 768341           | 1   | FILTER ELEMENT                      |
| 15          | 768333              | 768333           | 1   | FILTER HEAD                         |
| 16          | 767962              | 767962           | 8   | FW .531 X 1.063 X .090 SAE          |
| 17          | 008573              | 008573           | 8   | CS .500-13 X 2.500 HX G5            |
| 18          | 781575              | N/A              | 1   | -6STR -6 90°, PUSHLOC HOSE 4.75"    |
| 19          | 763946              | N/A              | 3   | 90°, -6 O-RING/-6 JIC FITTING       |
| 20          | 601252              | N/A              | 2   | CASE DRAIN ASSY                     |
| 21          | 781591              | N/A              | 1   | -6STR -6 90°, PUSHLOC HOSE, 15.00"  |
| 22          | 779132              | N/A              | 2   | STR-6MORB/-6JIC FITTING             |
| 23          | 781542              | N/A              | 2   | 90°,-8MORB/-8MSL FITTING            |
| 24          | 781658              | N/A              | 1   | STR-8-MORB/HEX PLUG                 |
| 25          | 781526              | N/A              | 4   | 90°, -10MORB/-8MSL FITTING          |
| 26          | 781500              | N/A              | 1   | RIGHT LOOP/RP-BM HYDRO TUBE         |
| 27          | 600915              | N/A              | 1   | TUBE, LP-TM RT LOOP                 |
| 28          | 781484              | N/A              | 1   | LEFT LOOP/RP-BM HYDRO TUBE          |
| 29          | 781476              | N/A              | 1   | LEFT LOOP/LP-TM HYDRO TUBE          |
| 30          | 781534              | N/A              | 2   | STR-8MORB/-8MSL FITTING             |
| 31          | 781518              | N/A              | 1   | -6STR -6STR PUSHLOC HOSE, 9.00"     |
| 32          | 763953              | N/A              | 1   | -6 O-RING/-6JIC/6JIC T FITTING      |
|             | N/A                 | 600913           | 1   | HYDRAULIC KIT (INCLUDES 16-31)      |

#### NOTES:

- 1. Hydraulic system capacity is 4.732 L of 20W50 motor oil. Fill reservoir to within 25.4 mm of top of Item 3 (032771 Strainer).
- 2. Orient Item 15 (Filter Head) to achieve proper oil flow direction.
- 3. Hydraulic pump serviceable parts include:

| SERVICE<br>PART NO. | DESCRIPTION            |
|---------------------|------------------------|
| 772756              | OVERHAUL BDP1 SEAL KIT |
| 601877              | PUMP FAN SHROUD        |
| 601878              | PUMP FAN KIT           |
| 601879              | PUMP SHROUD BRACKET    |

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4. Used between S/N 07120009 & 09102031.

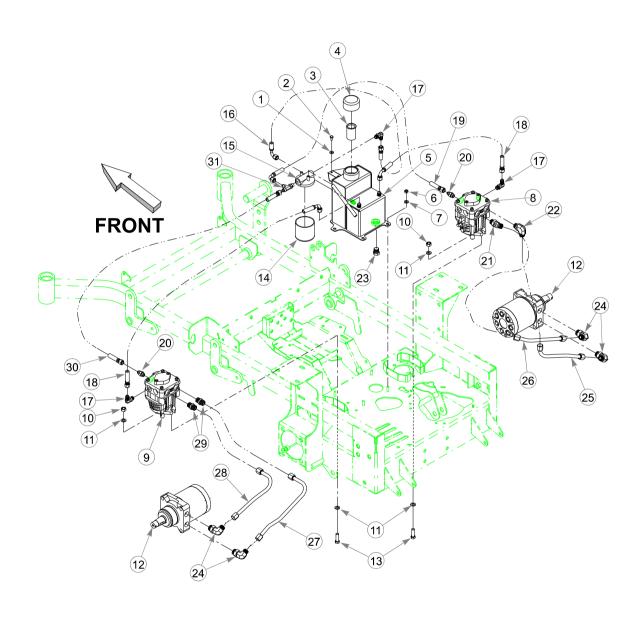
#### HYDRAULIC SYSTEM CHARGING PROCEDURE

- 1. Set handles in the neutral position.
- 2. Start engine at idle.
- 3. Let run for a minimum of 30 seconds.
- 4. Stroke handles to forward position.
- 5. If motors do not turn in 15 seconds return handles to neutral and repeat step 3 and 4 (one time).
- 6. If motors do not turn after second attempt, shut off the engine and check for oil at the pump.
- 7. Increase throttle to half speed and work handles through forward and reverse position until the motor operates smoothly throughout the entire speed range.

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|                                     |  |

## Hydraulic System Installation—S/N Prior to 07120009



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## Hydraulic System Installation—S/N Prior to 07120009

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                         |
|-------------|---------------------|------------------|-----|-------------------------------------|
| 1           | 768515              | 768515           | 2   | FW .281 X .625 X .051/.080 HD ZN/YL |
| 2           | 055947              | 055947           | 2   | CS .250-20 X .500 HX G5 ZN          |
| 3           | 032771              | 032771           | 1   | STRAINER                            |
| 4           | 032763              | 032763           | 1   | BREATHER CAP                        |
| 5           | 548636CE            | 349860           | 1   | RESERVOIR                           |
| 6           | 034272              | 034272           | 4   | NT .312-18 HX G5 ZN                 |
| 7           | 768523              | 768523           | 4   | FW .343 X .687 X .051/.080 HD ZN/YL |
| 8           | 781062              | 781062           | 1   | HYDRO-GEAR PUMP, BDP-10A-300        |
| 9           | 781047              | 781047           | 1   | HYDRO-GEAR PUMP BDP-10A-400         |
| 10          | 041707              | 041707           | 4   | NT .437-14 HX G5 ZN                 |
| 11          | 704742              | 704742           | 8   | FW .453 X .812 X .060 ZN            |
| 12          | 781054              | 781054           | 2   | ROSS/PARKER WHEEL MOTOR, MB-15      |
| 13          | 705186              | 705186           | 4   | CS .437-14 X 1.375 HX G5 ZN         |
| 14          | 768341              | 768341           | 1   | FILTER ELEMENT                      |
| 15          | 768333              | 768333           | 1   | FILTER HEAD                         |
| 16          | 781575              | N/A              | 1   | -6STR -6 90°, PUSHLOC HOSE 4.75"    |
| 17          | 763946              | N/A              | 3   | 90°, -6 O-RING/-6 JIC FITTING       |
| 18          | 778985              | N/A              | 2   | -6STR -6 90°, PUSHLOC HOSE, 13.00"  |
| 19          | 781591              | N/A              | 1   | -6STR -6 90°, PUSHLOC HOSE, 15.00"  |
| 20          | 779132              | N/A              | 2   | STR-6MORB/-6JIC FITTING             |
| 21          | 781559              | N/A              | 1   | 45°, -8MORB/-8MSL FITTING           |
| 22          | 781542              | N/A              | 1   | 90°,-8MORB/-8MSL FITTING            |
| 23          | 781658              | N/A              | 1   | STR-8-MORB/HEX PLUG                 |
| 24          | 781526              | N/A              | 4   | 90°, -10MORB/-8MSL FITTING          |
| 25          | 781500              | N/A              | 1   | RIGHT LOOP/RP-BM HYDRO TUBE         |
| 26          | 781492              | N/A              | 1   | RIGHT LOOP/LP-TM HYDRO TUBE         |
| 27          | 781484              | N/A              | 1   | LEFT LOOP/RP-BM HYDRO TUBE          |
| 28          | 781476              | N/A              | 1   | LEFT LOOP/LP-TM HYDRO TUBE          |
| 29          | 781534              | N/A              | 2   | STR-8MORB/-8MSL FITTING             |
| 30          | 781518              | N/A              | 1   | -6STR -6STR PUSHLOC HOSE, 9.00"     |
| 31          | 763953              | N/A              | 1   | -6 O-RING/-6JIC/6JIC T FITTING      |
|             | N/A                 | 781469           | 1   | MMZ HYDRAULIC KIT (INCLUDES 16-31)  |

#### NOTES:

- 1. Hydraulic system capacity is 4.732 L of 20W50 motor oil. Fill reservoir to within 25.4 mm of top of Item 3 (032771 Strainer).
- 2. Reference note 2 on "Hydraulic System Installation—S/N 07120009 & Higher" on page 3-2 for the proper oil flow direction and orentation of Item 15.

#### HYDRAULIC SYSTEM CHARGING PROCEDURE

- 1. Set handles in the neutral position.
- 2. Start engine at idle.
- 3. Let run for a minimum of 30 seconds.
- 4. Stroke handles to forward position.

- 5. If motors do not turn in 15 seconds return handles to neutral and repeat step 3 and 4 (one time).
- 6. If motors do not turn after second attempt, shut off the engine and check for oil at the pump.
- 7. Increase throttle to half speed and work handles through forward and reverse position until the motor operates smoothly throughout the entire speed range.

#### Note:

Seal Kit for hydraulic pump; 727756 (BDP10 Overhaul Seal Kit)

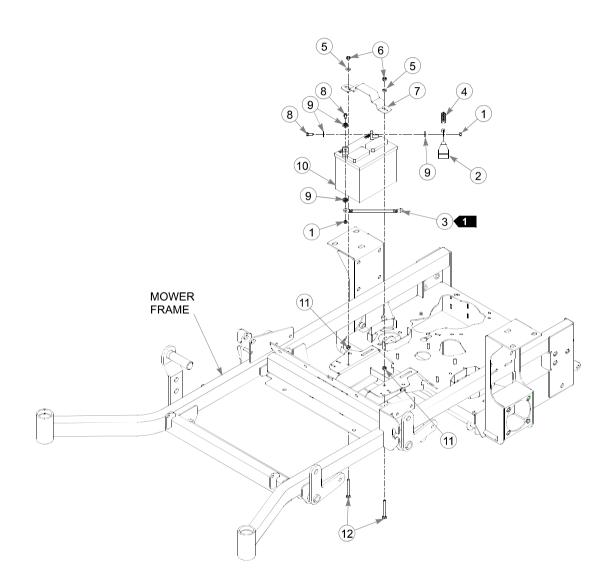
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### Section 4

| Battery Installation               | . 4-2 |
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| Deck Lift Assembly                 | . 4-4 |
| Steering and Park Brake Assembly   | . 4-6 |
| Steering Sub-Assembly              | . 4-9 |
| Pump Belt and Pullevs Installation | 4-10  |

# Battery Installation



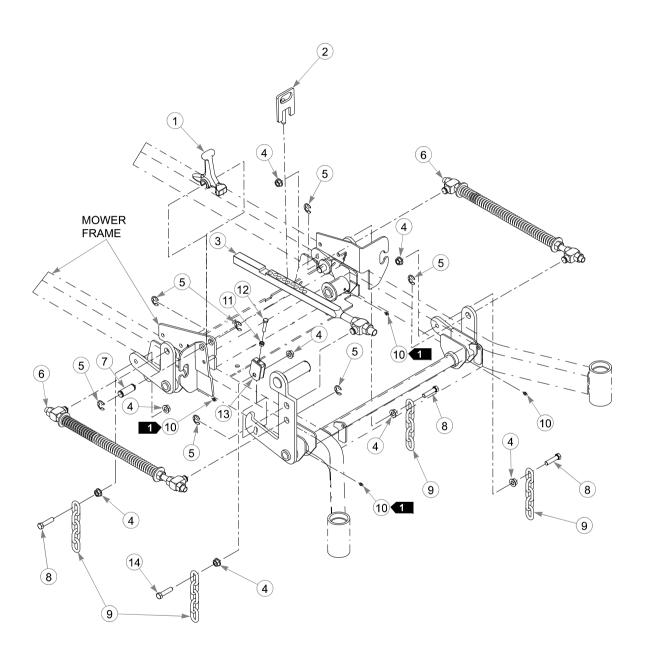
### **Battery Installation**

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                         |
|-------------|---------------------|------------------|-----|-------------------------------------|
| 1           | 024927              | 024927           | 2   | NT .250-20 HX GR.5 ZN               |
| 2           | 771428              | 771428           | 1   | RED BATTERY CABLE BOOT              |
| 3           | 796219              | 796219           | 1   | 36" NEGATIVE BATTERY CABLE          |
| 4           | 744276              | 744276           | 1   | POSITIVE BATTERY CABLE              |
| 5           | 768523              | 768523           | 3   | FW .343 X .687 X .051/.080 HD ZN/YL |
| 6           | 058776              | 058776           | 2   | NT .312-18 HX NL ZN                 |
| 7           | 348417              | 348417           | 1   | BATTERY CLAMP STRAP                 |
| 8           | 055939              | 055939           | 2   | CS .250-20 X .750 HX G5 ZN          |
| 9           | 029868              | 029868           | 4   | LW .250 INT-EXT TOOTH ZN            |
| 10          | 740696              | 740696           | 1   | BATTERY                             |
| 11          | 034272              | 034272           | 2   | NT .312-18 HX G5 ZN                 |
| 12          | 779850              | 779850           | 2   | CB .312-18 X 3.00 FUL ZN            |

#### NOTES:

- 1. When performing service on mower, disconnect battery ground cable and do not reconnect to battery until engine is ready to be started. See Owners Manual.
- 2. Battery is not installed in export models.

# Deck Lift Assembly



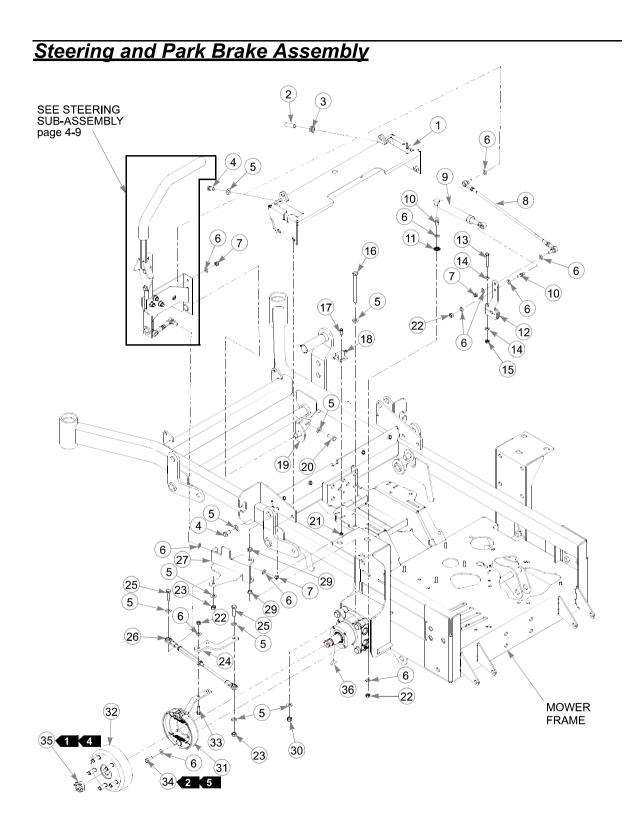
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# Deck Lift Assembly

| SERVICE<br>PART NO. | MFG.<br>PART NO.   | QTY   | DESCRIPTION   |
|---------------------|--|---|---|
| 348318              | 348318   | 1   | STOP HANDLE   |
| 600437              | 600437   | 1   | DECK HEIGHT 1/2" PIN W/A  |
| 783001              | 783001   | 1   | DECK LIFT INDICATOR SUBASSEMBLY   |
| 704643              | 704643   | 8   | NT .437-14 HX FLG ZN  |
| 781294              | 781294   | 7   | CLIP E, 1.00 X .625 X .050  |
| 782995              | 782995   | 2   | DECK LIFT SPRING SUBASSEMBLY  |
| 781229              | 781229   | 1   | CE .750 X 2.25 X 1.75 HEADLESS  |
| 055749              | 055749   | 3   | CS .437-14 X 1.750 HX G5 ZN   |
| 348391              | 018846   | 4   | DECK LIFT CHAIN   |
| 015495              | 015495   | 4   | STRAIGHT GREASE FITTING   |
| 034272              | 034272   | 1   | NT .312-18 HX G5 ZN   |
| 756270              | 756270   | 1   | CS .312-18 X 1.50 FUL THR GR5 ZN  |
| 348458              | 348458   | 1   | DECK LEVELER YOKE   |
| 781831              | 781831   | 1   | CS .437-14 X 1.750 FUL THD G5 ZN  |
|                     | PART NO.  348318 600437 783001 704643 781294 782995 781229 055749 348391 015495 034272 756270 348458 | PART NO.         PART NO.           348318         348318           600437         600437           783001         783001           704643         704643           781294         781294           782995         782995           781229         055749           348391         018846           015495         034272           756270         756270           348458         348458 | PART NO.         PART NO.           348318         348318         1           600437         600437         1           783001         783001         1           704643         704643         8           781294         781294         7           782995         782995         2           781229         781229         1           055749         055749         3           348391         018846         4           015495         015495         4           034272         034272         1           756270         756270         1           348458         348458         1 |

#### NOTES:

1. Apply grease to zerks (see owner's manual).



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## Steering and Park Brake Assembly

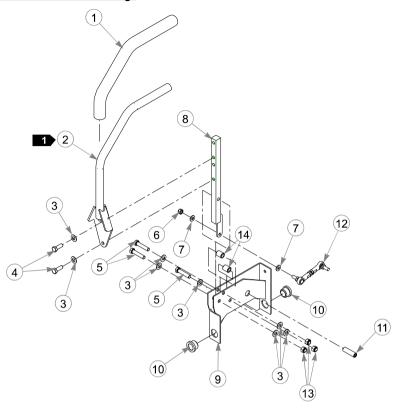
| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                                    |
|-------------|---------------------|------------------|-----|--|
| 1           | 348987              | 348987           | 1   | STEERING CONTROL PANEL                         |
| 2           | 781716              | 781716           | 2   | SS .500-13 X 1.75 SH ZN                        |
| 3           | 053199              | 053199           | 2   | NT .500-13 HX JAM ZN                           |
| 4           | 055822              | 055822           | 8   | CS .375-16 X .750 HX G5 ZN                     |
| 5           | 767954              | 767954           | 26  | FW .406 X .812 X .060 SAE HD ZN                |
| 6           | 768523              | 768523           | 30  | FW .343X .687 X .051/.080 HD ZN/YL             |
| 7           | 023655              | 023655           | 6   | NT .312-24 HXZY NL                             |
| 8           | 781286              | 781286           | 2   | PUMP ROD ADJUSTER ASSEMBLY                     |
| 9           | 600221              | 600221           | 2   | CENTERING DAMPER                               |
| 10          | 781922              | 781922           | 4   | DAMPER BALL STUD                               |
| 11          | 029876              | 029876           | 2   | LW .312 INT-EXT TOOTH Z                        |
| 12          | 367557              | 367557           | 2   | PUMP ARM                                       |
| 13          | 704163              | 704163           | 2   | CS .250-20 X 2.00 HX G5 ZN                     |
| 14          | 768515              | 768515           | 4   | FW .281 X .625 X .051/.080 HD ZN/YL            |
| 15          | 068551              | 068551           | 2   | NT .250-20 HX NL ZN                            |
| 16          | 782979              | 782979           | 2   | CS .375-16 X 4.75 HX G5 ZN                     |
| 17          | 063198              | 063198           | 4   | CS 10-24 X .750 HXFLK ZN                       |
| 18          | 781211              | 781211           | 2   | PUSH BUTTON SWITCH                             |
| 19          | 348797              | 348797           | 2   | ADJUSTABLE PIVOT                               |
| 20          | 036244              | 036244           | 6   | CS .375-16 X 1.000 HX G5 ZN                    |
| 21          | 059832              | 059832           | 4   | NT #10-24 HX NL ZN                             |
| 22          | 034272              | 034272           | 8   | NT .312-18 HX G5 ZN                            |
| 23          | 054502              | 054502           | 4   | NT .375-16 HX GRD 5 ZN                         |
| 7 24        | 101766              | 101766           | 2   | BRAKE ARM EXTENSION                            |
| 6           | 350272              | 350272           | 2   | BRAKE ARM EXTENSION                            |
| 25          | 005116              | 005116           | 4   | CS .375-16 X 1.375 HX G5 ZN                    |
| 26          | 350397              | 350397           | 2   | BRAKE LINK TURNBUCKLE                          |
| 27          | 350330              | 350330           | 1   | L.S. BRAKE PIVOT ARM                           |
| 28          | 350264              | 350264           | 1   | R.S. BRAKE PIVOT ARM (NOT SHOWN)               |
| 29          | 765339              | 765339           | 4   | BUSHING  |
| 30          | 086660              | 086660           | 2   | NT .375-16 HX LK NY                            |
| 7 31        | 600925              | 600925           | 1   | BRAKE ASSY LEFT WHEEL                          |
| 7           | 600924              | 600924           | 1   | BRAKE ASSY RIGHT WHEEL (NOT SHOWN)             |
| 6           | 781112              | 781112           | 1   | BRAKE ASSY LEFT WHEEL (S/N PRIOR TO 07120009)  |
| 6           | 781351              | 781351           | 1   | BRAKE ASSY RIGHT WHEEL (S/N PRIOR TO 07120009) |
| 7 32        | 600923              | 600923           | 2   | WHEEL HUB                                      |
| 6           | 781765              | 781765           | 2   | BRAKE DRUM-HUB ASSEMBLY                        |
| 33          | 036236              | 036236           | 4   | CS .312-18 X 1.000 HX G5 ZN                    |
| 34          | 064014              | 064014           | 8   | CS .312-18X .875 HX G5                         |
| 7 35        | 601289              | N/A              | 2   | HG MOTOR NUT                                   |
| 6           | 065516              | N/A              | 2   | ROSS CASTLE NUT                                |
| 7 36        | 601290              | N/A              | 2   | HG MOTOR KEY                                   |
| 6           | 064337              | N/A              | 2   | ROSS KEY                                       |

#### NOTES:

For units with serial number 07120009 and higher: Torque to 244-285 N-m. Included with wheel motor.

- 2. For units with serial number 07120009 and higher: Torque to 23.0 N-m.
- 3. For units with serial number 07120009 and higher: 600925 used on left wheel. 600924 used on right wheel.
- 4. For units with serial numbers prior to 07120009: Torque to 475-508 N-m. Included with wheel motor.
- 5. For units with serial numbers prior to 07120009: Torque brake assembly mounting bolts to 135.6 N-m.
- 6. Used on mowers with serial numbers prior to 07120009.
- 7. Used on mowers with serial numbers 07120009 and higher.

## Steering Sub-Assembly

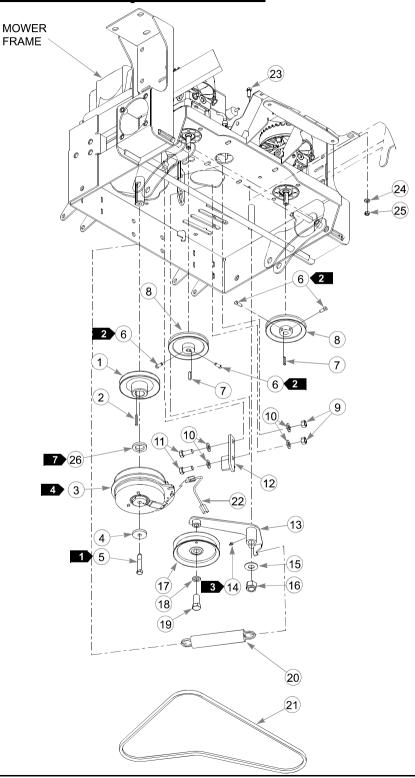


| ITEM NO. | SERVICE<br>PART NO. | MFG PART<br>NO | QTY. | DESCRIPTION                        |
|----------|---------------------|----------------|------|------------------------------------|
| 1        | 781260              | N/A            | 2    | STEERING BAR GRIP                  |
| 2        | 348755              | 348755         | 2    | STEERING BAR                       |
| 3        | 767954              | 767954         | 16   | FW .406 X .812 X .060 SAE HD ZN    |
| 4        | 036244              | 036244         | 4    | CS .375-16 X 1.000 HX G5 ZN        |
| 5        | 705178              | 705178         | 6    | CS .375-16 X 1.750 HX G5 ZN        |
| 6        | 023655              | 023655         | 2    | NT .312-24 HXZY NL                 |
| 7        | 768523              | 768523         | 4    | FW .343X .687 X .051/.080 HD ZN/YL |
| 8        | 348946              | 348946         | 2    | STEERING ARM MOUNT                 |
| 9        | 348888              | 348888         | 1    | STEERLEVER SUPPORT LH (SHOWN)      |
|          | 348714              | 348714         | 1    | STEERLEVER SUPPORT RH              |
| 10       | 781153              | 781153         | 4    | BUSHING                            |
| 11       | 781716              | 781716         | 2    | SS .500-13 X 1.75 SH ZN            |
| 12       | 781583              | 781583         | 2    | BRAKE ROD ASSEMBLY                 |
| 13       | 086660              | 086660         | 6    | NT .375-16 HX LK NY                |
| 14       | 348862              | 348862         | 4    | STEERLEVER BUSHING                 |

#### NOTES:

1. Includes Item 1 (781260 Steering Bar Grip).

# Pump Belt and Pulleys Installation



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### Pump Belt and Pulleys Installation

| ITEM<br>NO.ITE<br>M NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                        |
|-------------------------|---------------------|------------------|-----|------------------------------------|
| 1                       | 779876              | 779876           | 1   | ENGINE SC SINGLE PULLEY            |
| 2                       | 212076              | 212076           | 1   | KEY 1/4 SQ X 1.50 LONG             |
| 3                       | 601311              | 601311           | 1   | WARNER CLUTCH                      |
| 4                       | 783829              | 783829           | 1   | FW .460 X 1.750 X .250 ZNYC        |
| 5                       | 785659              | 785659           | 1   | CS .437-20 X 2.50 HX G5 ZNYC       |
| 6                       | 083196              | 083196           | 4   | SS .312-18 X .750 SQ-HD ZN         |
| 7                       | 768127              | 768127           | 2   | KEY 5MM X 30MM RADIUS ENDS         |
| 8                       | 768705              | 768705           | 2   | PULLEY                             |
|                         | 325308              | 325308           | 2   | PULLEY & FAN                       |
| 9                       | 008193              | 008193           | 2   | NT .500-13 HX G5 ZNYC              |
| 10                      | 767962              | 767962           | 4   | FW .531 X 1.063 X .090 SAE HD ZN   |
| 11                      | 705954              | 705954           | 2   | CS .500-13 X 1.25 HX G5 ZNYC       |
| 12                      | 366765              | 366765           | 1   | CLUTCH ANCHOR ANGLE                |
| 13                      | 349761              | 349761           | 1   | PUMP IDLER ARM                     |
| 14                      | 015495              | 015495           | 1   | STRAIGHT GREASE FITTING            |
| 15                      | 025296              | 025296           | 1   | FW .760 X 1.625 X .08 ZN           |
| 16                      | 061101              | 061101           | 1   | NT .750-10 HX NL ZN                |
| 17                      | 781856              | 781856           | 1   | IDLER PULLEY                       |
| 18                      | 028118              | 028118           | 1   | FW .62 X 1.00 X 134 ZN             |
| 19                      | 781872              | 781872           | 1   | CS .625-11X1.25 HX G5 ZN           |
| 20                      | 601016              | 601016           | 1   | IDLER SPRING                       |
| 21                      | 781443              | 781443           | 1   | A-SEC PUMP IDLER BELT              |
| 22                      | 791251              | 791251           | 1   | HARNESS, CLUTCH PIGTAIL (DIODE)    |
| 23                      | 036236              | 036236           | 1   | CS .312-18X1.000 HX G5 ZNYC        |
| 24                      | 768523              | 768523           | 1   | FW .343 X .687 X .051/.080 HD ZNYC |
| 25                      | 034272              | 034272           | 1   | NT .312-18 HX G5 ZNYC              |
| 26                      | 797654              | 797654           | 1   | CLUTCH SPACER MNZ                  |

#### NOTES:

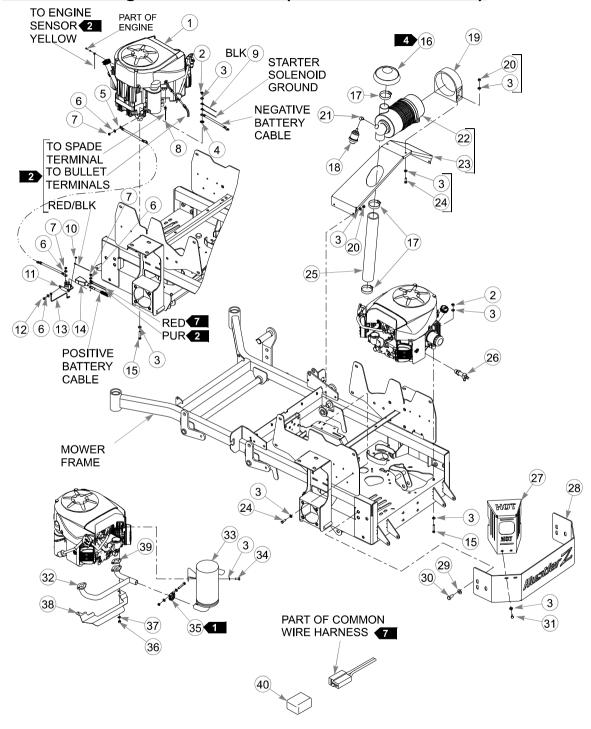
- Torque to 61.0-65.1 N-m. If fastener is loosened or removed, do not reuse. Replace with new fastener. Use only hand tools to install this fastener.
- 2. Torque to 16.3-20.3 N-m.
- 3. Apply grease at zerk (see owner's manual).
- 4. For mowers with serial numbers prior to 07060569 order clutch 787366.
- 5. For mowers with serial numbers prior to 07120009 use 325308 (pulley with fan).
- 6. Used on mowers with Kawasaki 29 HP engines only.



### Section 5

| Kawasaki Engine Installation (Remote Air Cleaner) | 5-2   |
|---|-------|
| Fuel System Installation                          | . 5-6 |
| Instrument Panel Assembly                         | . 5-8 |
| Electrical Schematic (799320)                     | 5-10  |

### Kawasaki Engine Installation (Remote Air Cleaner)



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## Kawasaki Engine Installation (Remote Air Cleaner)

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                         |
|-------------|---------------------|------------------|-----|-------------------------------------|
| 1           | 777656              | 777656           | 1   | KAWASAKI 23 HP ENGINE               |
| 2           | 058776              | 058776           | 4   | NT .312-18 HXZY NL                  |
| 3           | 768523              | 768523           | 24  | FW .343 X .687 X .051/.080 HD ZN/YL |
| 4           | 029876              | 029876           | 1   | LW .312 INT-EXT TOOTH ZN            |
| 5           | 792762              | 792762           | 1   | BATTERY CABLE                       |
| 6           | 768515              | 768515           | 5   | FW .281 X .625 X .051/.080 HD ZN/YL |
| 7           | 024927              | 024927           | 3   | NT .250-20 HX GR.5 ZN               |
| 8           | 799312              | 799312           | 1   | WIRE HARNESS ADAPTER                |
| 9           | 799320              | 799320           | 1   | COMMON WIRE HARNESS                 |
| 10          | 044255              | 044255           | 1   | NT #10-32 HX ZN                     |
| 11          | 030817              | 030817           | 1   | STARTER SOLENOID                    |
| 12          | 055947              | 055947           | 2   | CS .250-20 X .500 HX G5 ZN          |
| 13          | 792192              | 792192           | 1   | STARTER RELAY GROUND WIRE           |
| 14          | 771428              | 771428           | 1   | RED BATTERY CABLE BOOT              |
| 15          | 050161              | 050161           | 4   | CS .312-18 X 1.75 HX G5             |
| 16          | 786673              | 786673           | 1   | DONALDSON AIR CLEANER CAP           |
| 17          | 057661              | 057661           | 3   | HOSE CLAMP                          |
| 18          | 788943              | 788943           | 1   | AIR FILTER INDICATOR                |
| 19          | 785741              | 785741           | 1   | MOUNTING BAND                       |
| 20          | 034272              | 034272           | 6   | NT .312-18 HX G5 ZN                 |
| 21          | 601216              | 601216           | 1   | FITTING 90° STREET ELBOW            |
| 22          | 782763              | 782763           | 1   | AIR CLEANER                         |
| 23          | 366443              | 366443           | 1   | REMOTE AIR CLEAN MOUNT BRACKET      |
| 24          | 036236              | 036236           | 6   | CS .312-18 X 1.00 HX G5 ZNYC        |
| 25          | 786038              | 786038           | 1   | REMOTE AIR FILTER HOSE              |
| 26          | 796524              | 796524           | 1   | OIL DRAIN M20 X 2.5 VALVE           |
| 27          | 350371              | 350371           | 1   | MUFFLER GUARD                       |
| 28          | 349704              | 349704           | 1   | ENGINE CAGE MOUNT PLATE             |
| 29          | 767962              | 767962           | 4   | FW .531 X 1.063 X .090 SAE HD ZN    |
| 30          | 016527              | 016527           | 4   | CS .500-13 X 1.00 HX G5 ZN          |
| 31          | 064006              | 064006           | 2   | CS .312-18 X .625 HX G5 ZN          |
| 32          | 781732              | 781732           | 1   | MUFFLER MANIFOLD                    |
| 33          | 781724              | 781724           | 1   | MUFFLER                             |
| 34          | 720177              | 720177           | 2   | CS M 8-1.25 X 20 10.9 HXFL ZN       |
| 35          | 782649              | 782649           | 1   | KAW (23) EXHAUST PIPE CLAMP         |
| 36          | 782664              | 782664           | 4   | NT M8-1.25 HX STAINLESS STEEL       |
| 37          | 017004              | 017004           | 4   | LW .312 MED SPRING ZN               |
| 38          | 360693              | 360693           | 1   | HEAT SHIELD                         |
| 39          | 780841              | 780841           | 2   | KAW (23) MUFFLER GASKET             |
| 40          | 789131              | 789131           | 1   | HUSTLER Z FAN CONNECTOR CAP         |

#### NOTES:

- 1. Includes mounting hardware.
- 2. Part of Item 8 (799312 Wire Harness Adapter).

3. Engine oil capacity: Refer to engine owner's manual.

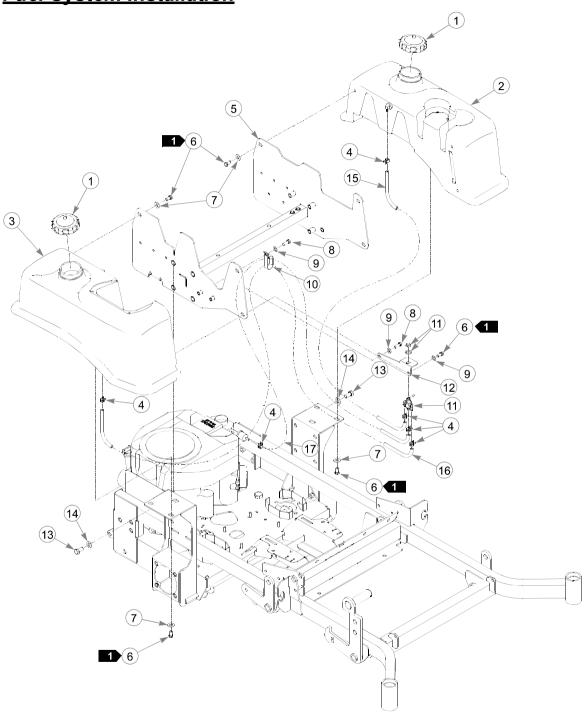
| ENGINE SPEEDS |             |  |  |
|---------------|-------------|--|--|
| MODEL NO.     | HIGH IDLE   |  |  |
| 927731CE      | 2650±50 rpm |  |  |
| 927723CE      | 2750±50 rpm |  |  |
| 928432CE      | 2950±50 rpm |  |  |

- 4. Includes one (1) of Item 17 (057661 Hose Clamp).
- 5. When installing lower hose clamp on air cleaner hose, install as low as possible (against carburetor inlet).
- 6. This connector used for optional electrical equipment.
- 7. Part of Item 9 (799320 Common Wire Harness).

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|--------------|--------------|-------------|

8. If fastener is loosened or removed, do not re-use. Replace with new fastener. Use only hand tools to install this fastener.

# Fuel System Installation



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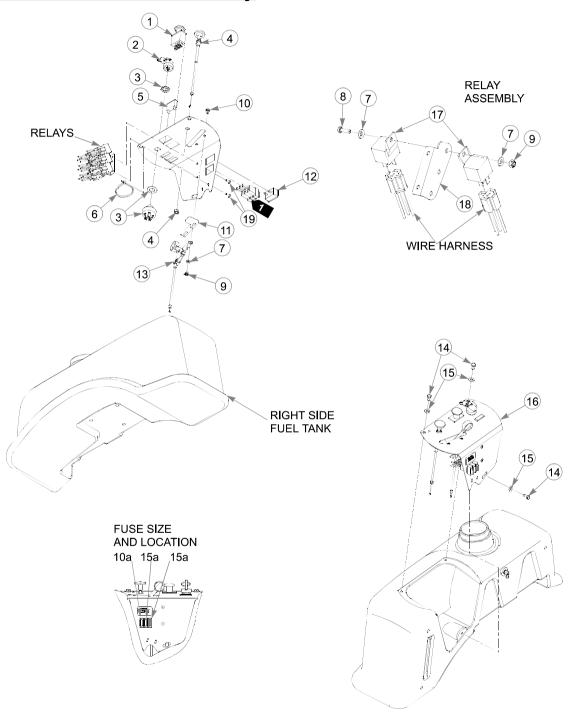
## Fuel System Installation

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                      |
|-------------|---------------------|------------------|-----|----------------------------------|
| 1           | 779306              | 779306           | 2   | 3.5" FUEL CAP                    |
| 2           | 793240              | 793240           | 1   | LEFT SIDE FUEL TANK              |
| 3           | 793232              | 793232           | 1   | RIGHT SIDE FUEL TANK             |
| 4           | 000323              | 000323           | 6   | CLIP                             |
| 5           | 106732              | N/A              | 1   | REAR SEAT SUPPORT                |
| 6           | 055822              | 055822           | 12  | CS .375-16 X .750 HX G5 ZN       |
| 7           | 712919              | 712919           | 11  | FW .406 X 1.00 X .12 HRD ZN      |
| 8           | 036244              | 036244           | 2   | CS .375-16 X 1.000 HX G5 ZN      |
| 9           | 767954              | 767954           | 3   | FW .406 X .812 X .060 SAE HD ZN  |
| 10          | 797035              | 797035           | 1   | HOSE CLAMP 1,75"                 |
| 11          | 797084              | 797084           | 1   | 3-WAY NYLON FUEL VALVE           |
| 12          | 347989              | 347989           | 1   | FUEL SHUT-OFF BRACKET            |
| 13          | 705954              | 705954           | 8   | CS .500-13 X1.25 HX G5 ZN        |
| 14          | 767962              | 767962           | 8   | FW .531 X 1.063 X .090 SAE HD ZN |
| 15          | 015818              | 015818           | 1   | FUEL LINE 1156 MM                |
| 16          | 015818              | 015818           | 1   | FUEL LINE 673.1 MM               |
| 17          | 015818              | 015818           | 1   | FUEL LINE 571.5 MMKAWASAKI       |
|             | 015818              | 015818           | 1   | FUEL LINE 914.4 MMHONDA          |
|             | 015818              | 015818           | 1   | FUEL LINE 965.2 MMKOHLER         |
| 18          | 000331              | 000331           | 3   | BLACK CABLE TIE (NOT SHOWN)      |

### NOTES:

1. Torque to 27.1 N-m.

## **Instrument Panel Assembly**



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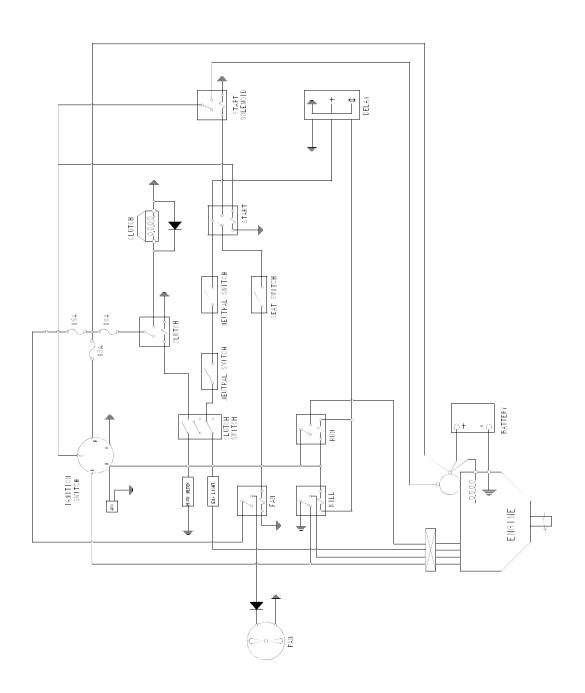
## **Instrument Panel Assembly**

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                           |
|-------------|---------------------|------------------|-----|---------------------------------------|
| 1           | 776476              | 776476           | 1   | PTO SWITCH                            |
| 2           | 785808              | 785808           | 1   | KEY SET                               |
| 3           | 045898              | 045898           | 1   | KEY SWITCH                            |
| 4           | 785030              | 785030           | 1   | Z CHOKE CABLE (KAWASAKI)              |
| 5           | 712257              | 712257           | 1   | RED INDICATOR LIGHT                   |
| 6           | 000430              | 000430           | 3   | TIE STRAP                             |
| 7           | 704932              | 704932           | 8   | FW .219 X .500 X .048 ZN              |
| 8           | 714998              | 714998           | 3   | MS #10-24 X .625 HX ZN                |
| 9           | 059832              | 059832           | 5   | NT #10-24 HX NL ZN                    |
| 10          | 601098              | 601098           | 2   | CB 10-24 X .500 ZYNC                  |
| 11          | 102707              | 102707           | 1   | CE THROTTLE STOP                      |
| 12          | 769166              | 769166           | 1   | HOUR METER                            |
| 13          | 778365              | 778365           | 1   | THROTTLE/CHOKE CABLE                  |
| 14          | 055947              | 055947           | 3   | CS .250-20 X .500 HX G5 ZN            |
| 15          | 768515              | 768515           | 3   | FW .281 X .625 X .051 / .080 HD ZN/YL |
| 16          | 106633              | 106633           | 1   | INSTRUMENT PANEL                      |
| 17          | 601053              | N/A              | 6   | RELAY                                 |
| 18          | 107920              | 107920           | 1   | RELAY BRACKET                         |
| 19          | 601089              | 601089           | 2   | RIVET .188 DIA BLK HD                 |
|             | 762195              | N/A              | 1   | DELAY MODULE                          |

### NOTES:

1. Part of 799320 (Mower Wire Harness)

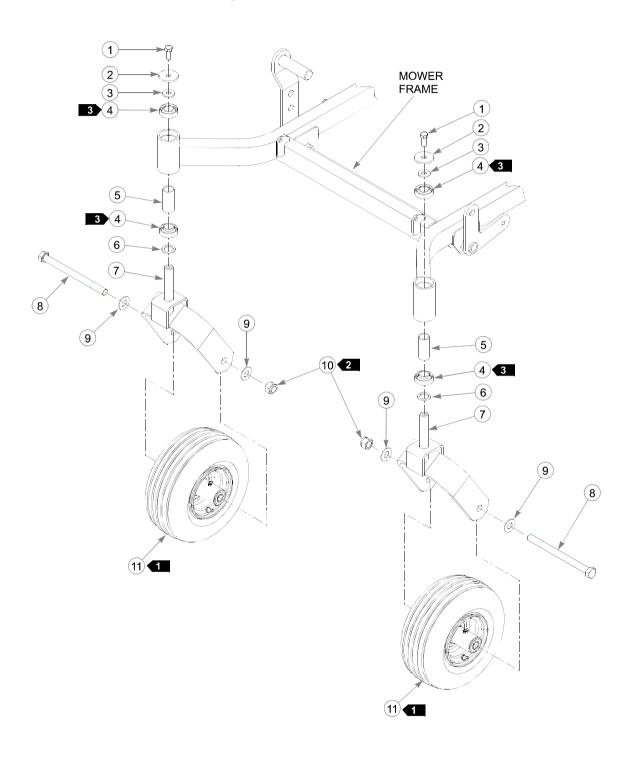
# Electrical Schematic (799320)



### Section 6

| Front Wheel Assembly                      | . 6-2 |
|---|-------|
| Front Wheel Breakdown—747782              | . 6-4 |
| Optional Semi-Pneumatic Tire/Wheel—789537 | . 6-5 |
| Drive Wheel Assembly Installation         | . 6-6 |
| Anti-Rollover Wheel Assembly              | 6-7   |

# Front Wheel Assembly



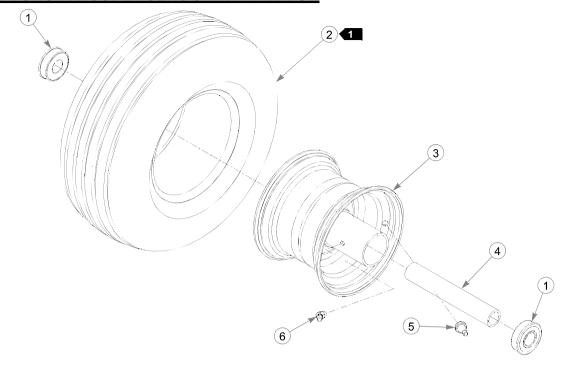
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### Front Wheel Assembly

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                                 |
|-------------|---------------------|------------------|-----|---|
| 1           | 705954              | 705954           | 2   | CS .500-13 X 1.25 HX G5 ZN                  |
| 2           | 344267              | 344267           | 2   | FW .510 X 2.15 X .187 SPL ZN                |
| 3           | 712976              | 712976           | 2   | FW .531X 1.375X.125 ZNY                     |
| 4           | 784223              | 784223           | 4   | BEARING W/O COLLAR                          |
| 5           | 387035              | 387035           | 2   | SPACER, 1.07 X 1.312 X 2.793                |
| 6           | 045765              | 045765           | 2   | FW 1.030 X 1.500 X.134 ZN                   |
| 7           | 349266              | 349266           | 2   | FORK  |
| 8           | 041475              | 041475           | 2   | CS .750-10 X 9.50 HX ZN                     |
| 9           | 025296              | 025296           | 4   | FW .760 X 1.625 X .08 ZN                    |
| 10          | 061101              | 061101           | 2   | NT .750-10 HX NL ZN                         |
| 11          | 747782              | 747782           | 2   | WHEEL & TIRE ASSY                           |
|             | 789537              | N/A              | 2   | OPTIONAL SEMI-PNEUMATIC WHEEL/TIRE ASSEMBLY |
|             |                     |                  |     |   |

- 1. Apply grease to zerks.
- 2. Tighten until all clearances are taken up. Spin the wheel to ensure that it still spins freely. If the wheel does not spin, loosen the nut until the wheel spins freely.
- 3. Assemble with extended inner race toward item 5 (387035 Spacer, 1.07  $\times$  1.312  $\times$  2.793).

# Front Wheel Breakdown—747782

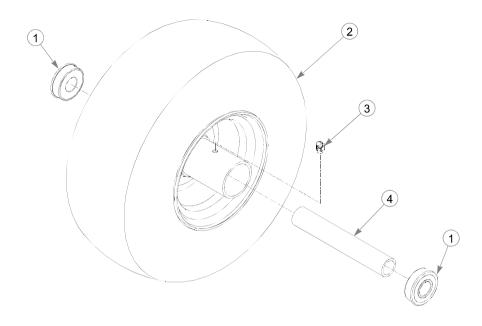


| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION               |
|-------------|---------------------|------------------|-----|---------------------------|
| 1           | 039677              | N/A              | 2   | WHEEL BEARING             |
| 2           | 747741              | N/A              | 1   | 13 X 6.50 TIRE            |
| 3           | 747832              | N/A              | 1   | 6 X 4.5 WHEEL             |
| 4           | 782771              | N/A              | 1   | BEARING SPACER            |
| 5           | 019521              | N/A              | 1   | TIRE VALVE                |
| 6           | 015511              | N/A              | 1   | GREASE FITTING 45 DEG 1/4 |

#### NOTES:

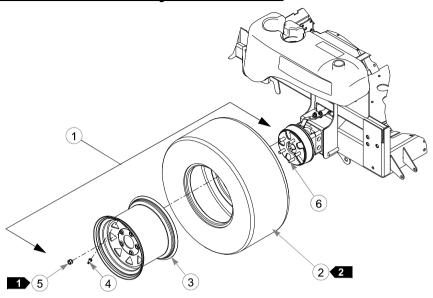
1. Inflate tire to 55.16-68.95 kPa.

# Optional Semi-Pneumatic Tire/Wheel—789537



| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION               |
|-------------|---------------------|------------------|-----|---------------------------|
| 1           | 039677              | N/A              | 2   | WHEEL BEARING             |
| 2           | 789537              | N/A              | 1   | TIRE/WHEEL ASSEMBLY       |
| 3           | 015511              | N/A              | 1   | GREASE FITTING 45 DEG 1/4 |
| 4           | 782771              | N/A              | 1   | BEARING SPACER            |

### **Drive Wheel Assembly Installation**



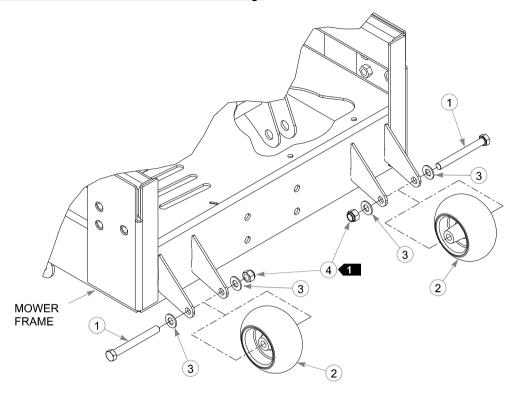
|   | ITEM<br>NO. | SERVICE<br>PART NO. | PART NO. | QTY | DESCRIPTION                                     |
|---|-------------|---------------------|----------|-----|---|
| 3 | 1           | 601238              | 601238   | 2   | WHEEL & TIRE ASSY FOR 60" & 54" (QTY PER MOWER) |
|   | 2           | 781245              | N/A      |     | TIRE, 12 X 12 X 24                              |
| 3 | 3           | 796250              | N/A      |     | WHEEL ASSEMBLY 12 X 8.50 FOR                    |
|   | 4           | 019521              | N/A      |     | TIRE VALVE                                      |
|   | 5           | 061077              | 061077   | 10  | WHEEL NUT (QTY PER MOWER)                       |
|   | 6           | 770859              | N/A      | 10  | 1/2" WHEEL LUG STUD                             |
|   |             |                     |          |     |   |
|   | 1           | 782078              | 782078   | 2   | WHEEL & TIRE ASSY FOR 54" RD (QTY PER MOWER)    |
|   | 2           | 782284              | NA       |     | TIRE 23 X 9.50-12                               |
|   | 3           | 782086              | N/A      |     | WHEEL ASSEMBLY 12 X 7.00                        |
|   | 4           | 019521              | N/A      |     | TIRE VALVE                                      |
|   | 5           | 061077              | 061077   | 10  | WHEEL NUT (QTY PER MOWER                        |
|   | 6           | 770859              | N/A      | 10  | 1/2" WHEEL LUG STUD                             |

#### NOTES:

6-6

- 1. Torque to 88.13-101.7 N-m.
- 2. Inflate tire to 55.16-68.95 kPa.
- 3. For mowers with serial numbers prior to 07120009, use 781237 for the wheel and tire assembly, and 781252 for the wheel assembly.

# Anti-Rollover Wheel Assembly



| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                      |
|-------------|---------------------|------------------|-----|----------------------------------|
| 1           | 068239              | 068239           | 2   | CS .500-13 X 4.500 HX G5 ZN      |
| 2           | 031997              | 031997           | 2   | ANTI-SCALP WHEEL                 |
| 3           | 767962              | 767962           | 4   | FW .531 X 1.063 X .090 SAE HD ZN |
| 4           | 781567              | 781567           | 2   | NT .50-13 HX LK NY               |

#### NOTES:

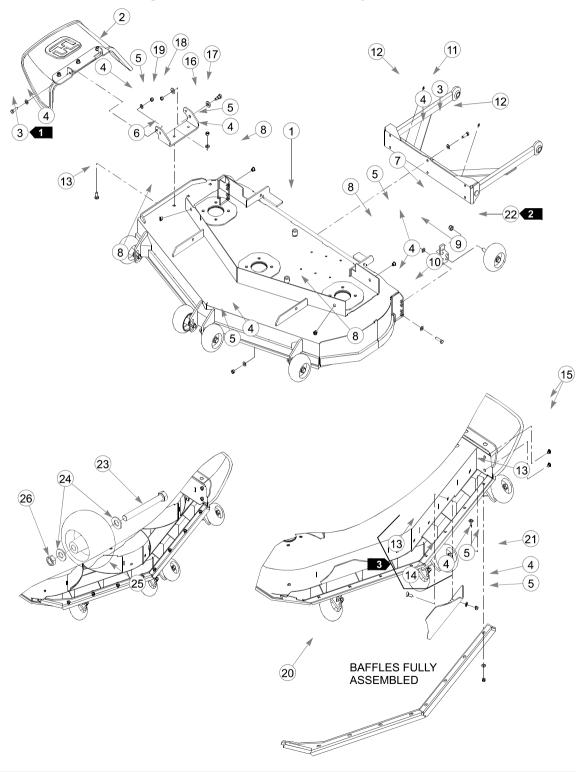
1. Do not torque, wheel must turn freely.

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## **Section 7**

| 54" Side Discharge XR7 Deck Assembly                   | 7-2       |
|--|-----------|
| 54" Side Discharge Deck Mulch Baffles                  | 7-6       |
| 54" Rear Discharge Deck Assy—S/N 08100000 & Higher     | 7-8       |
| 54" Rear Discharge Deck Assy—S/N 08010000—0810000      | 007-10    |
| 54" Rear Discharge Deck Assy–S/N Prior to 08010000     | 7-12      |
| 54" Rear Disch. Deck Pulley Assy—S/N 08100000 & High   | er7-14    |
| 54" Rear Discharge Deck Pulley Assy—S/N Prior to 08100 | 0000 7-16 |
| Spindle Assembly–796235                                | 7-18      |
| Spindle Assembly_796680                                | 7_19      |

## 54" Side Discharge XR7 Deck Assembly



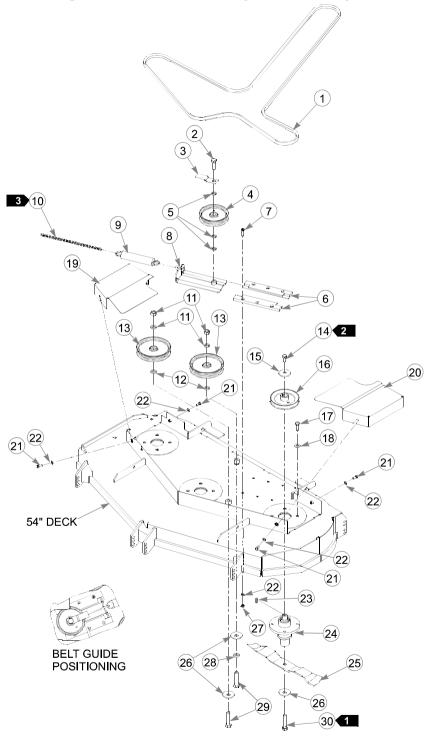
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### 54" Side Discharge XR7 Deck Assembly

| ITEM NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                      |
|----------|---------------------|------------------|------|----------------------------------|
| 1        | N/A                 | 108607           | 1    | 54" DECK W/A                     |
| 2        | 798694              | 798694           | 1    | RUBBER CHUTE ASSEMBLY            |
| 3        | 052860              | 052860           | 8    | CS .375-16 X 1.25 HX G5          |
| 4        | 767954              | 767954           | 38   | FW .406 X .812 X .060 SAE HD ZN  |
| 5        | 086660              | 086660           | 26   | NT .375-16 HX LK NY              |
| 6        | 103010              | 103010           | 1    | DISCHARGE CHUTE MOUNT BRACKET    |
| 7        | 781567              | 781567           | 6    | NT .50-13 HX LK NY               |
| 8        | N/A                 | 808485           | 4    | 5/16-18 THREAD RIVET NUT         |
| 9        | 103184              | 103184           | 2    | REAR ANTI-SCALP BRACKET          |
| 10       | 005116              | 005116           | 4    | CS .375-16 X 1.375 HX G5 ZNYC    |
| 11       | 314104              | 314104           | 1    | PUSHER                           |
| 12       | 015495              | 015495           | 2    | STRAIGHT GREASE FITTING          |
| 13       | 025395              | 025395           | 14   | CB .375-16 X 1.00 STD CD         |
| 14       | 108619              | 108619           | 2    | 54" AIR FLOW FLOOR               |
| 15       | 808493              | 808493           | 2    | 3/8-16 THREAD RIVET NUT          |
| 16       | 070037              | 070037           | 1    | FW .530X 1.06X.19 HRD Z          |
| 17       | 750414              | 750414           | 1    | SB .500X .500 SH .375-1          |
| 18       | 767962              | 767962           | 1    | FW .531X 1.063X.090 SAE          |
| 19       | 086660              | 086660           | 1    | NT .375-16 HXZY NL               |
| 20       | 108627              | 108627           | 1    | ADAPTER W/A 54" LS CE            |
| 21       | 107640              | 107640           | 1    | BLOWOUT 54" RS XR7               |
| 22       | 788166              | 788166           | 6    | ANTI SCALP WHEEL ASSY            |
| 23       | 781708              | N/A              | 6    | CS .500-13 X 4.25 HX G5 ZN       |
| 24       | 767962              | N/A              | 12   | FW .531 X 1.063 X .090 SAE HD ZN |
| 25       | 031997              | N/A              | 6    | ANTI-SCALP WHEEL                 |
| 26       | 053199              | N/A              | 6    | NT .500-13 HX JAM ZN             |

- 1. Do not torque, Item 2 (798694 Discharge Chute) must pivot freely.
- 2. Includes items 23, 24, 25, and 26.
- 3. This items are used when the discharge chute is installed.

## 54" Side Discharge XR7 Deck Pulley Assembly



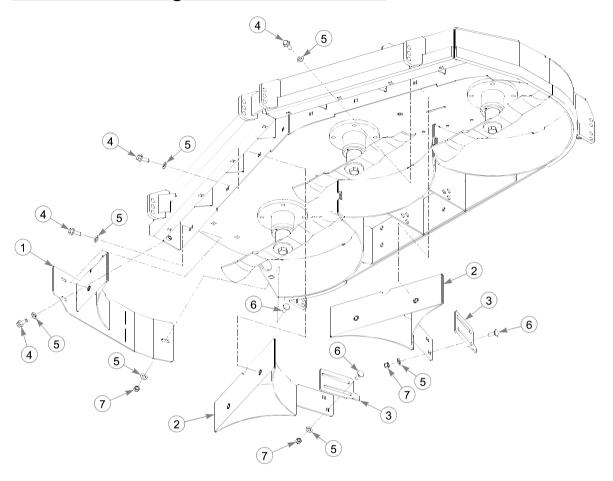
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### 54" Side Discharge XR7 Deck Pulley Assembly

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                     |
|-------------|---------------------|------------------|------|---------------------------------|
| 1           | 797928              | 797928           | 1    | B-SECTION BELT                  |
| 2           | 025007              | 025007           | 1    | CS .625-11 X 1.50 HX G5 ZN      |
| 3           | 347443              | 347443           | 1    | DECK BELT IDLER TOP GUIDE       |
| 4           | 781856              | 781856           | 1    | 5.00" IDLER PULLEY              |
| 5           | 028118              | 028118           | 3    | FW .62 X 1.00 X .134 ZN         |
| 6           | 601434              | 601434           | 2    | UHMW IDLER SLIDE                |
| 7           | 797910              | 797910           | 6    | CS .312-18 X 1.50 FLT SH ZY     |
| 8           | 350884              | 350884           | 1    | DECK IDLER                      |
| 9           | 781302              | 781302           | 1    | IDLER SPRING                    |
| 10          | 373191              | 059931           | 1    | SIDE MOUNT CHAIN 21 LINKS       |
| 11          | 016972              | 016972           | 2    | NT .625-11 HX G5 ZNYC           |
| 12          | 797449              | 797449           | 4    | FW .650 X 1.125 X .18 ZNYC G5   |
| 13          | 781385              | 781385           | 2    | 6.00" IDLER PULLEY              |
| 14          | 016527              | 016527           | 3    | CS .500-13 X 1.00 HX G5 ZN      |
| 15          | 752386              | 752386           | 3    | CW .515 X 2.25 X .204 ZN        |
| 16          | 798967              | 798967           | 3    | DECK DRIVE PULLEY               |
| 17          | 705954              | 705954           | 12   | CS .500-13 X 1.25 HX G5 ZY      |
| 18          | 767962              | 767962           | 12   | FW .531 X 1.063 X .090 SAE      |
| 19          | 103986              | 103986           | 1    | RS 54" PULLEY COVER             |
| 20          | 103994              | 103994           | 1    | LS 54" PULLEY COVER             |
| 21          | 034280              | 034280           | 4    | CS .312-18 X .750 HX G5         |
| 22          | 768523              | 768523           | 10   | FW .343 X .687 X .051/.080 H    |
| 23          | 212472              | 212472           | 3    | KEY 1/4 SQ X 1.00 LONG          |
| <b>5</b> 24 | 601630              | 601630           | 3    | DECK SPINDLE ASSY               |
| 4           | 796235X             | N/A              | 3    | DECK SPINDLE ASSY               |
| 25          | 797704              | 797704           | 3    | BLADE, 18.50"-MUL-F-CW          |
| 26          | 782474              | 782474           | 5    | CW .631 X 2.250 X .187 PNT      |
| 27          | 058776              | 058776           | 6    | NT .312-18 HXZY NL              |
| 28          | 769257              | 769257           | 1    | FW .656 X 1.250 X .250 ZNY      |
| 29          | 783738              | 783738           | 2    | CS .625-11 X 3.00 FULL HX G5 ZN |
| 30          | 601983              | 601983           | 3    | CS .625-11 X 2.25" HX G5 ZY     |

- 1. Torque to 160 N-m.
- 2. Torque to 88-102 N-m.
- 3. See "54" Side Disch. Deck Belt Routing & Tensioning" on page 8-4 for belt tensioning.
- 4. Used on mowers with serial numbers prior to 09110001. See "Spindle Assembly–796235" on page 7-18 for breakdown.
- 5. Used on mowers with serial numbers higher than 09110001.
- 6. Item 6 (601434) replaces idler slide components 600171, 600189, and 786335 found on mowers with serial numbers prior to 08010000.

# 54" Side Discharge Deck Mulch Baffles

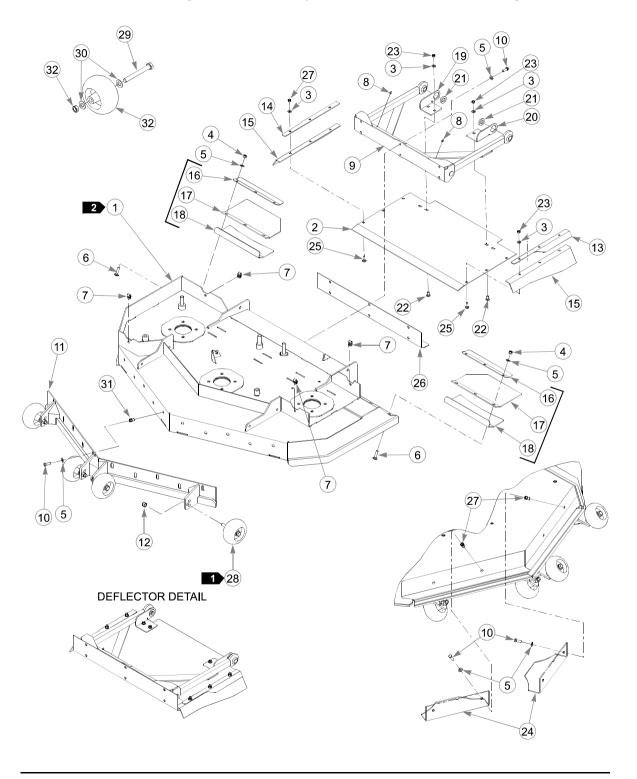


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## 54" Side Discharge Deck Mulch Baffles

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION             |
|-------------|---------------------|------------------|------|-------------------------|
| 1           | 108575              | 108575           | 1    | END MULCH CAP           |
| 2           | 108577              | 108577           | 2    | CENTER MULCH            |
| 3           | 108320              | 108320           | 2    | MULCH PLATE             |
| 4           | 029751              | 029751           | 8    | CS .375-16X1.000 HXFLK  |
| 5           | 767954              | 767954           | 13   | FW .406X .812 X.060 SAE |
| 6           | 025395              | 025395           | 5    | CB .375-16X 1.00 STD CD |
| 7           | 086660              | 086660           | 5    | NT .375-16 HXZY NL      |
|             |                     |                  |      |                         |

### 54" Rear Discharge Deck Assy—S/N 08100000 & Higher



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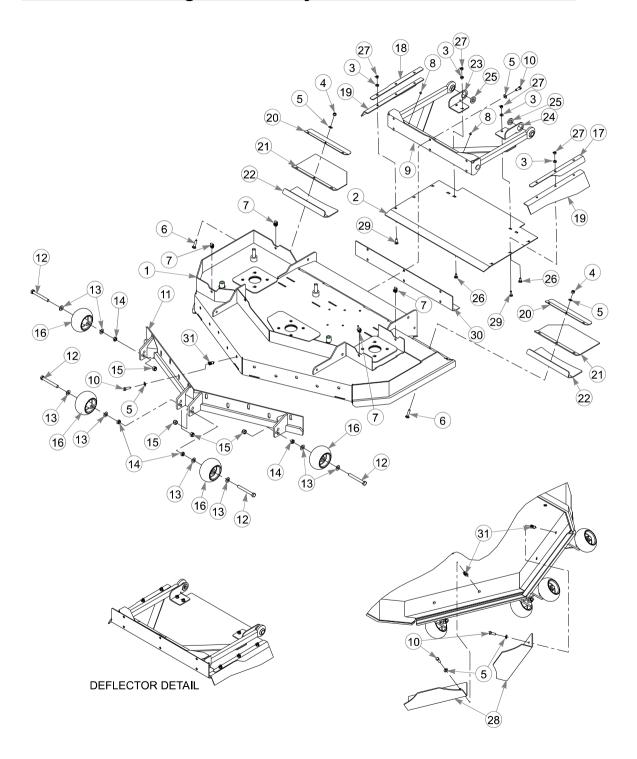
### 54" Rear Discharge Deck Assy—S/N 08100000 & Higher

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                      |
|-------------|---------------------|------------------|------|----------------------------------|
| 1           | 549733              | 110441           | 1    | 54" REAR DISCHARGE DECK W/A      |
| 2           | 109490              | 109490           | 1    | DISCHARGE SHIELD                 |
| 3           | 768523              | 768523           | 10   | FW .343 X .687 X .051/.080 HD ZN |
| 4           | 086660              | 086660           | 6    | NT .375-16 HX LK NY              |
| 5           | 767954              | 767954           | 26   | FW .406 X .812 X .060 SAE HD ZN  |
| 6           | 710194              | 710194           | 6    | CB .375-16X 1.50 STD G5          |
| 7           | 601069              | 601069           | 4    | CN .312-18X.200 MAX THK          |
| 8           | 015495              | 015495           | 2    | STRAIGHT GREASE FITTING          |
| 9           | 349803              | 349803           | 1    | PUSHER                           |
| 10          | 036244              | 036244           | 20   | CS .375-16 X 1.00 HX G5 ZN       |
| 11          | 107975              | 107975           | 1    | 54" REAR DISCHARGE FRONT ANGLE   |
| 12          | 781567              | 781567           | 4    | NT .50-13 HXZY NL                |
| 13          | 109486              | 109486           | 1    | CLAMP ANGLE LS                   |
| 14          | 109487              | 109487           | 1    | CLAMP ANGLE RS                   |
| 15          | 601483              | 601483           | 2    | RD SIDE FLAP                     |
| 16          | 107972              | 107972           | 2    | ANGLE RD DISCHARGE FLAP          |
| 17          | 601017              | 601017           | 2    | RD REAR FLAP                     |
| 18          | 107973              | 107973           | 2    | ANGLE DECK STIFFENER             |
| 19          | 109482              | 109482           | 1    | CHUTE BRACKET RS                 |
| 20          | 109483              | 109483           | 1    | CHUTE BRACKET LS                 |
| 21          | 778399              | 778399           | 2    | FW .781 X 1.375 X .250 ZNYC      |
| 22          | 016253              | 016253           | 4    | CB .312-18 X .750 FUL ZN         |
| 23          | 058776              | 058776           | 10   | NT .312-18 HXZY NL               |
| 24          | 107978              | 107978           | 2    | AIR FLOW BAFFLE                  |
| 25          | 037887              | 037887           | 6    | CB .312-18X 1.000 FUL Z          |
| 26          | 109491              | 109491           | 1    | SHIELD MTG ANGLE                 |
| 27          | 600994              | 600994           | 14   | RIVET NUT, 3/8-16 THREAD         |
| 28          | 788166              | 788166           | 4    | ANTI SCALP WHEEL ASSEMBLY        |
| 29          | 781708              | N/A              | 4    | CS .500-13 X 4.25 HX G5 ZN       |
| 30          | 767962              | N/A              | 8    | FW .531 X 1.063 X.090 SAE HD ZN  |
| 31          | 053199              | N/A              | 4    | NT .500-13 HX JAM ZN             |
| 32          | 031997              | N/A              | 4    | ANTI-SCALP WHEEL                 |

#### NOTES:

7. Includes Items 29 through 32. Service part deck includes decals, see "54" Rear Discharge Deck Decals" on page 9-6.

### 54" Rear Discharge Deck Assy—S/N 08010000—08100000



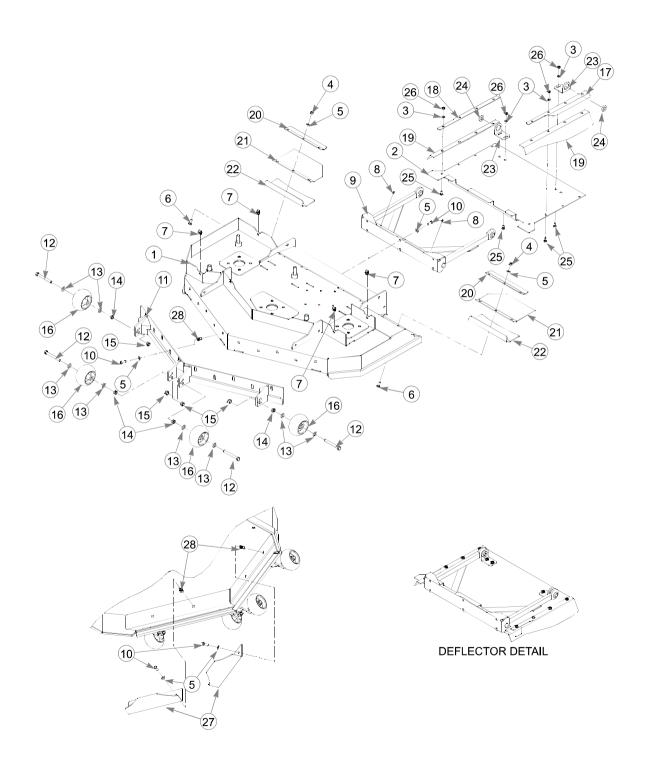
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### 54" Rear Discharge Deck Assy—S/N 08010000—08100000

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                      |
|-------------|---------------------|------------------|------|----------------------------------|
| 2 1         | 548644CE            | 107933           | 1    | 54" REAR DISCHARGE DECK W/A      |
| 2           | 109490              | 109490           | 1    | DISCHARGE SHIELD                 |
| 3           | 768523              | 768523           | 10   | FW .343 X .687 X .051/.080 HD ZN |
| 4           | 086660              | 086660           | 6    | NT .375-16 HX LK NY              |
| 5           | 767954              | 767954           | 26   | FW .406 X .812 X .060 SAE HD ZN  |
| 6           | 710194              | 710194           | 6    | CB .375-16X 1.50 STD G5          |
| 7           | 601069              | 601069           | 4    | CN .312-18X.200 MAX THK          |
| 8           | 015495              | 015495           | 2    | STRAIGHT GREASE FITTING          |
| 9           | 349803              | 349803           | 1    | PUSHER                           |
| 10          | 036244              | 036244           | 20   | CS .375-16 X 1.00 HX G5 ZN       |
| 11          | 107975              | 107975           | 1    | 54" REAR DISCHARGE FRONT ANGLE   |
| 12          | 781708              | N/A              | 4    | CS .500-13 X 4.25 HX G5 ZN       |
| 13          | 767962              | N/A              | 8    | FW .531 X 1.063 X.090 SAE HD ZN  |
| 14          | 053199              | N/A              | 4    | NT .500-13 HX JAM ZN             |
| 15          | 781567              | 781567           | 4    | NT .50-13 HXZY NL                |
| 16          | 031997              | N/A              | 4    | ANTI-SCALP WHEEL                 |
| 17          | 109486              | 109486           | 1    | CLAMP ANGLE LS                   |
| 18          | 109487              | 109487           | 1    | CLAMP ANGLE RS                   |
| 19          | 601483              | 601483           | 2    | RD SIDE FLAP                     |
| 20          | 107972              | 107972           | 2    | ANGLE RD DISCHARGE FLAP          |
| 21          | 601017              | 601017           | 2    | RD REAR FLAP                     |
| 22          | 107973              | 107973           | 2    | ANGLE DECK STIFFENER             |
| 23          | 109482              | 109482           | 1    | CHUTE BRACKET RS                 |
| 24          | 109483              | 109483           | 1    | CHUTE BRACKET LS                 |
| 25          | 778399              | 778399           | 2    | FW .781 X 1.375 X .250 ZNYC      |
| 26          | 016253              | 016253           | 4    | CB .312-18 X .750 FUL ZN         |
| 27          | 058776              | 058776           | 10   | NT .312-18 HXZY NL               |
| 28          | 107978              | 107978           | 2    | AIR FLOW BAFFLE                  |
| 29          | 037887              | 037887           | 6    | CB .312-18X 1.000 FUL Z          |
| 30          | 109491              | 109491           | 1    | SHIELD MTG ANGLE                 |
| 31          | 600994              | 600994           | 14   | RIVET NUT, 3/8-16 THREAD         |
|             | 788166              | 788166           | 4    | ANTI SCALP WHEEL ASSEMBLY        |

- 1. Includes Items 12 through 14 and 16.
- 2. Service part deck includes decals, see "54" Rear Discharge Deck Decals" on page 9-6.

### 54" Rear Discharge Deck Assy-S/N Prior to 08010000



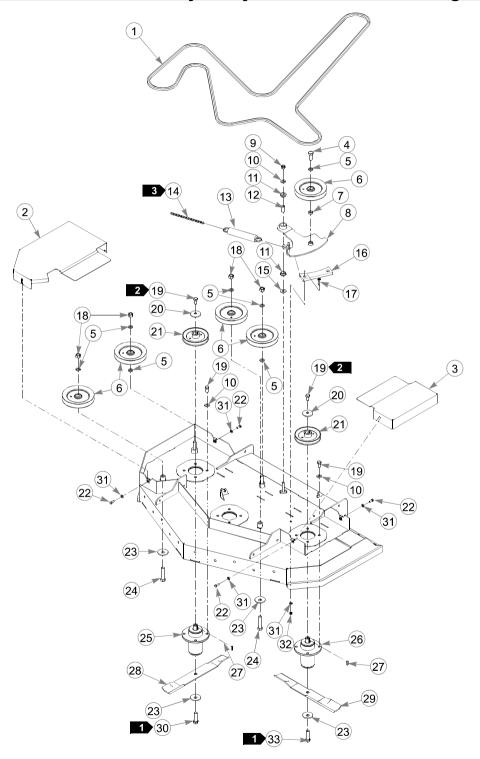
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### 54" Rear Discharge Deck Assy-S/N Prior to 08010000

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                      |
|-------------|---------------------|------------------|------|----------------------------------|
| 2 1         | 548644CE            | 107933           | 1    | 54" REAR DISCHARGE DECK W/A      |
| 2           | 108066              | 108066           | 1    | RD DECK GUARD                    |
| 3           | 768523              | 768523           | 12   | FW .343 X .687 X .051/.080 HD ZN |
| 4           | 086660              | 086660           | 6    | NT .375-16 HX LK NY              |
| 5           | 767954              | 767954           | 26   | FW .406 X .812 X .060 SAE HD ZN  |
| 6           | 025395              | 025395           | 12   | CB .375-16 X 1.00 STD CD         |
| 7           | 601069              | 601069           | 4    | CN .312-18X.200 MAX THK          |
| 8           | 015495              | 015495           | 2    | STRAIGHT GREASE FITTING          |
| 9           | 349803              | 349803           | 1    | PUSHER                           |
| 10          | 036244              | 036244           | 20   | CS .375-16 X 1.00 HX G5 ZN       |
| 11          | 107975              | 107975           | 1    | 54" REAR DISCHARGE FRONT ANGLE   |
| 12          | 781708              | N/A              | 4    | CS .500-13 X 4.25 HX G5 ZN       |
| 13          | 767962              | N/A              | 8    | FW .531 X 1.063 X.090 SAE HD ZN  |
| 14          | 053199              | N/A              | 4    | NT .500-13 HX JAM ZN             |
| 15          | 781567              | 781567           | 4    | NT .50-13 HXZY NL                |
| 16          | 031997              | N/A              | 4    | ANTI-SCALP WHEEL                 |
| 17          | 106724              | 106724           | 1    | RD DEFLECTOR CLAMP LS ANGLE      |
| 18          | 106666              | 106666           | 1    | RD DEFLECTOR CLAMP RS ANGLE      |
| 19          | 601113              | 601113           | 2    | RD SIDE FLAP                     |
| 20          | 107972              | 107972           | 2    | ANGLE RD DISCHARGE FLAP          |
| 21          | 601017              | 601017           | 2    | RD REAR FLAP                     |
| 22          | 107973              | 107973           | 2    | ANGLE DECK STIFFENER             |
| 23          | 106591              | 106591           | 2    | RD DECK GUARD BRACKET            |
| 24          | 778399              | 778399           | 2    | FW 781 X 1 375 X 250 ZNYC        |
| 25          | 016253              | 016253           | 12   | CB .312-18 X .750 FUL ZN         |
| 26          | 058776              | 058776           | 12   | NT .312-18 HXZY NL               |
| 27          | 107978              | 107978           | 2    | AIR FLOW BAFFLE                  |
| 28          | 600994              | 600994           | 14   | RIVET NUT, 3/8-16 THREAD         |
| 1           | 788166              | 788166           | 4    | ANTI SCALP WHEEL ASSEMBLY        |

- 1. Includes Items 12 through 14 and 16.
- 2. Service part deck includes decals, see "54" Rear Discharge Deck Decals" on page 9-6.

### 54" Rear Disch. Deck Pulley Assy—S/N 08100000 & Higher



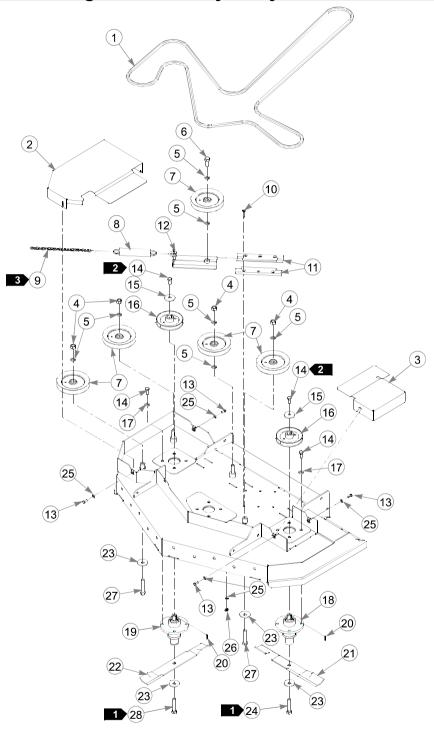
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### 54" Rear Disch. Deck Pulley Assy—S/N 08100000 & Higher

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                           |
|-------------|---------------------|------------------|------|---------------------------------------|
| 1           | 601015              | 601015           | 1    | 54" REAR DISCHARGE DECK BELT          |
| 2           | 110449              | 110449           | 1    | RIGHT 54" REAR DISCHARGE PULLEY COVER |
| 3           | 110448              | 110448           | 1    | LEFT 54" REAR DISCHARGE PULLEY COVER  |
| 4           | 794446              | 794446           | 1    | CS .625-11 X 1.500 HX G5              |
| 5           | 028118              | 028118           | 7    | FW .62 X 1.00 X .134 ZN               |
| 6           | 796714              | 796714           | 5    | 6" HB IDLER PULLEY RD                 |
| 7           | 600296              | 600296           | 1    | DECK IDLER SPACER                     |
| 8           | 109948              | 109948           | 1    | IDLER ARM W/A                         |
| 9           | 781567              | 781567           | 1    | NT .500-13 HX G8 ZY NL                |
| 10          | 767962              | 767962           | 13   | FW .531 X 1.063 X .090 SAE HD ZN      |
| 11          | 770867              | 770867           | 2    | PLASTIC BUSHING .750X1(FS)            |
| 12          | 109549              | 109549           | 1    | IDLER PIVOT BUSHING                   |
| 13          | 781302              | 781302           | 1    | IDLER SPRING                          |
| 14          | 259812              | 259812           | 1    | CHAIN DECK LIFT SPRING                |
| 15          | 704759              | 704759           | 1    | FW .500X 1.250X.075 ZNY               |
| 16          | 601779              | 601779           | 1    | IDLER GUIDE UHMW                      |
| 17          | 797910              | 797910           | 2    | CS .312-18X1.50FLT SH ZY              |
| 18          | 016972              | 016972           | 4    | NT .625-11 HX G5 ZNYC                 |
| 19          | 016527              | 016527           | 15   | CS .500-13 X 1.00 HX G5 ZN            |
| 20          | 752386              | 752386           | 3    | CW .515X 2.25X .204 ZN                |
| 21          | 798967              | 798967           | 3    | B-SECTION PULLEY 5.44 EOD             |
| 22          | 034280              | 034280           | 4    | CS .312-18X .750 HX G5                |
| 23          | 782474              | 782474           | 5    | CW .631 X 2.250 X .187 PNT            |
| 24          | 783738              | 783738           | 2    | CS .625-11X3.00 FULL HX G5 ZN         |
| 6 25        | 601819              | 601819           | 1    | DECK SPINDLE ASSEMBLY                 |
| 4           | 796680X             | 796680           | 1    | REAR DISCHARGE DECK SPINDLE ASSEMBLY  |
| 6 26        | 601630              | 601630           | 2    | DECK SPINDLE ASSEMBLY                 |
| 5           | 796235X             | 796235           | 2    | DECK SPINDLE ASSY                     |
|             | 212472              | 212472           | 3    | KEY 1/4 SQ X 1.00 LONG                |
| 28          | 601013              | 601013           | 1    | BLADE, F18.50-L-F-CCW                 |
| 29          | 601012              | 601012           | 2    | BLADE F18.50"-L-F-CW                  |
| 30          | 796722              | 796722           | 1    | CS .625-11 X 3.00 LH HX G             |
| 31          | 768523              | 768523           | 5    | FW .343 X .687 X .051/.080 HD ZN      |
| 32          | 058776              | 058776           | 1    | NT .312-18 HXZY NL                    |
| 33          | 029934              | 029934           | 2    | CS .625-11 X 3.00 HX G5 ZNYC          |

- 1. Torque to 160 N-m.
- 2. Torque to 88.1-101.7N-m.
- 3. See "54" Rear Disch. Deck Belt Routing & Tensioning" on page 8-5 for belt tensioning.
- 4. See "Spindle Assembly–796680" on page 7-19 for breakdown. Used on mowers with serial numbers prior to 08100000.
- 5. See "Spindle Assembly–796235" on page 7-18 for breakdown. Used on mowers with serial numbers prior to 08100000.
- 6. Used on mowers with serial numbers higher than 08100000.

# 54" Rear Discharge Deck Pulley Assy—S/N Prior to 08100000



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### 54" Rear Discharge Deck Pulley Assy—S/N Prior to 08100000

| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                           |
|-------------|---------------------|------------------|------|---------------------------------------|
| 1           | 601015              | 601015           | 1    | 54" REAR DISCHARGE DECK BELT          |
| 2           | 107945              | 107945           | 1    | RIGHT 54" REAR DISCHARGE PULLEY COVER |
| 3           | 107946              | 107946           | 1    | LEFT 54" REAR DISCHARGE PULLEY COVER  |
| 4           | 016972              | 016972           | 4    | NT .625-11 HX G5 ZNYC                 |
| 5           | 028118              | 028118           | 7    | FW .62 X 1.00 X .134 ZN               |
| 6           | 794446              | 794446           | 1    | CS .625-11 X 1.500 HX G5              |
| 7           | 796714              | 796714           | 5    | 6" HB IDLER PULLEY RD                 |
| 8           | 781302              | 781302           | 1    | IDLER SPRING                          |
| 9           | 373191              | 059931           | 1    | SIDE MOUNT CHAIN (21 LINKS)           |
| 10          | 797910              | 797910           | 6    | CS .312-18 X 1.250 FLT SH ZNYC        |
| 11          | 601434              | 601434           | 1    | UHMW IDLER SLIDE                      |
| 12          | 350884              | 350884           | 1    | REAR DISCHARGE DECK IDLER             |
| 13          | 034280              | 034280           | 4    | CS .312-18X .750 HX G5                |
| 14          | 016527              | 016527           | 15   | CS .500-13 X 1.00 HX G5 ZN            |
| 15          | 752386              | 752386           | 3    | FW .510 X 1.75 X .18 ZN               |
| 16          | 798967              | 798967           | 3    | B-SEC PULLEY 5.44 EOD                 |
| 17          | 767962              | 767962           | 12   | FW .531 X 1.063 X .090 SAE HD ZN      |
| 4 18        | 796235X             | 796235           | 2    | DECK SPINDLE ASSY                     |
| <b>5</b> 19 | 796680X             | 796680           | 1    | REAR DISCHARGE DECK SPINDLE ASSEMBLY  |
| 20          | 212472              | 212472           | 3    | KEY 1/4 SQ X 1.00 LONG                |
| 21          | 601012              | 601012           | 2    | BLADE F18.50"-L-F-CW                  |
| 22          | 601013              | 601013           | 1    | BLADE, F18.50-L-F-CCW                 |
| 23          | 782474              | 782474           | 5    | CW .631 X 2.250 X .187 PNT            |
| 24          | 029934              | 029934           | 2    | CS .625-11 X 3.00 HX G5 ZNYC          |
| 25          | 768523              | 768523           | 4    | FW .343 X .687 X .051/.080 HD ZN      |
| 26          | 058776              | 058776           | 4    | NT .312-18 HXZY NL                    |
| 27          | 783738              | 783738           | 2    | CS .625-11X3.00 FULL HX G5 ZN         |
| 28          | 796722              | 796722           | 1    | CS .625-11 X 3.00 LH HX G             |

- 1. Torque to 160 N-m.
- 2. Torque to 88.1-101.7N-m.
- 3. See "54" Rear Disch. Deck Belt Routing & Tensioning" on page 8-5 for belt tensioning.
- 4. See "Spindle Assembly-796235" on page 7-18 for breakdown.
- 5. See "Spindle Assembly-796680" on page 7-19 for breakdown.
- 6. Item 11 (601434) replaces idler slide components 600171, 600189, and 786335 found on mowers with serial numbers prior to 08010000.

#### Home / Search / SPINDLE HOUSING ASSY



Name: SPINDLE HOUSING ASSY

Part Number: 796235X

796680X CCW/LH thread blade bolt.

Status: ACT

Price Code: PS Housing painted RED.

Item Ship Length (in): 6.40 Item Ship Width (in): 6.10 Item Ship Height (in): 6.80 Item Weight (lb): 8.890

Used in decks from 05011098 and XR7 Decks up to 09110001 in some models.

If the spindle needed does not look like this suggest 601630-601819 spindle assembly on page 2

### Commente



Name: SPINDLE ASSY, 3" PILOT

Part Number: 601630

601819 CCW/LH

Status: ACT thread blade bolt.

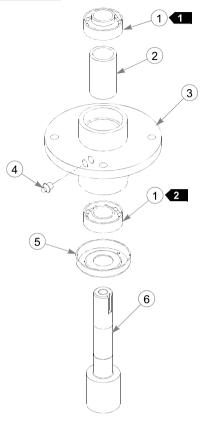
Price Code: Housing painted RED.

Item Ship Length (in): 5.90 Item Ship Width (in): 5.95 Item Ship Height (in): 7.10 Item Weight (lb): 12.115

This spindle assembly began in some decks after s/n 08100001. The earlier spindle assembly is 796235X-796680X.

SB508 lists the information for the change from 601630-601819 to 604255-604256 spindle assemblies

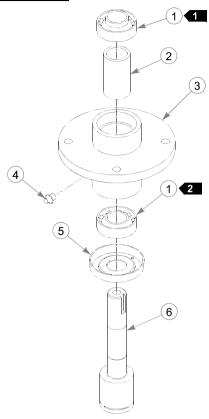
## Spindle Assembly-796235



| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION              |
|-------------|---------------------|------------------|------|--------------------------|
| 1           | 077123              | N/A              | 2    | BEARING W/O COLLAR       |
| 2           | 766204              | N/A              | 1    | BLADE SPINDLE BUSHING    |
| 3           | 034843              | N/A              | 1    | CAST SPINDLE HOUSING     |
| 4           | 012005              | N/A              | 1    | GREASE FITTING           |
| 5           | 600893              | N/A              | 1    | BEARING DUST COVER       |
| 6           | 796227              | N/A              | 1    | SADDLELESS SPINDLE SHAFT |

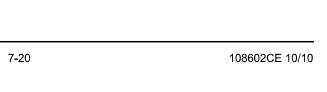
- 1. Install upper bearing with extended inner race up.
- 2. Install lower bearing with extended inner race down.
- 3. Apply grease to zerk.

# Spindle Assembly-796680



| ITEM<br>NO. | SERVICE<br>PART NO. | MFG<br>PART NO | QTY. | DESCRIPTION           |
|-------------|---------------------|----------------|------|-----------------------|
| 1           | 077123              | N/A            | 2    | BEARING W/O COLLAR    |
| 2           | 766204              | N/A            | 1    | BLADE SPINDLE BUSHING |
| 3           | 034843              | N/A            | 1    | CAST SPINDLE HOUSING  |
| 4           | 012005              | N/A            | 1    | GREASE FITTING        |
| 5           | 600893              | N/A            | 1    | BEARING DUST COVER    |
| 6           | 796698              | N/A            | 1    | SPINDLE SHAFT         |

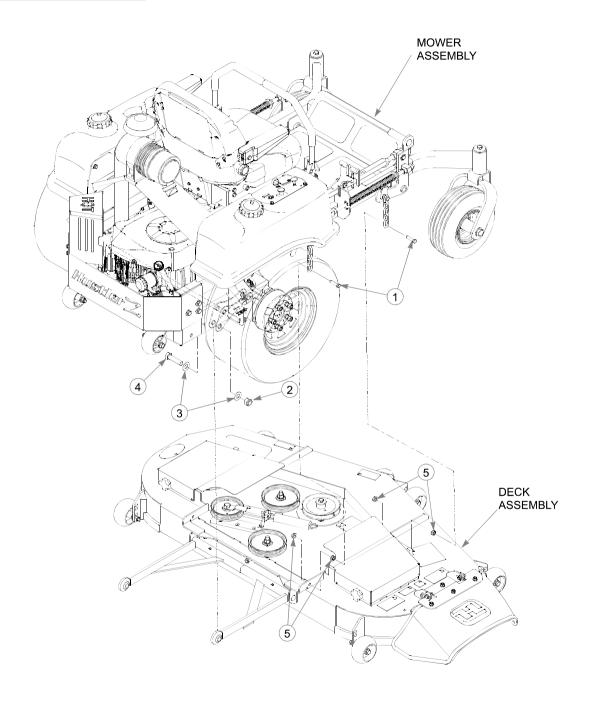
- 1. Install upper bearing with extended inner race up.
- 2. Install lower bearing with extended inner race down.
- 3. Apply grease to zerk.



### **Section 8**

| Deck Installation                              | 3-2 |
|--|-----|
| 54" Side Disch. Deck Belt Routing & Tensioning | 3-4 |
| 54" Rear Disch. Deck Belt Routing & Tensioning | 3-5 |
| Seat Installation—S/N 09120554 & Higher        | 3-6 |
| Seat Installation—S/N 08010000–09120554        | 3-8 |
| Seat Installation—S/N Prior to 08010000 8-     | 10  |
| ROPS Installation 8-                           | 12  |

# Deck Installation

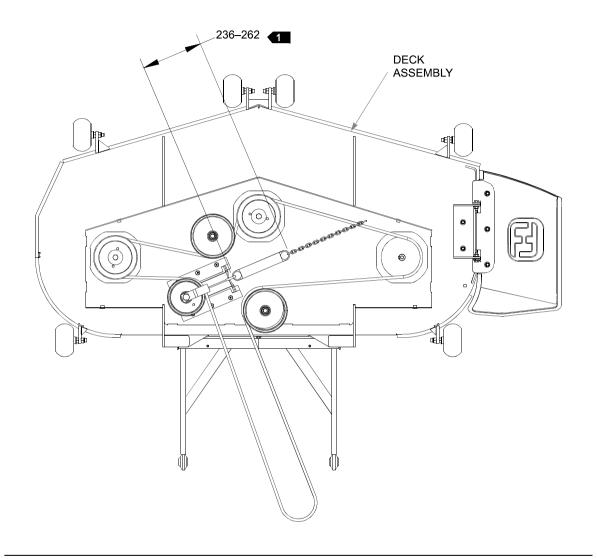


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# **Deck Installation**

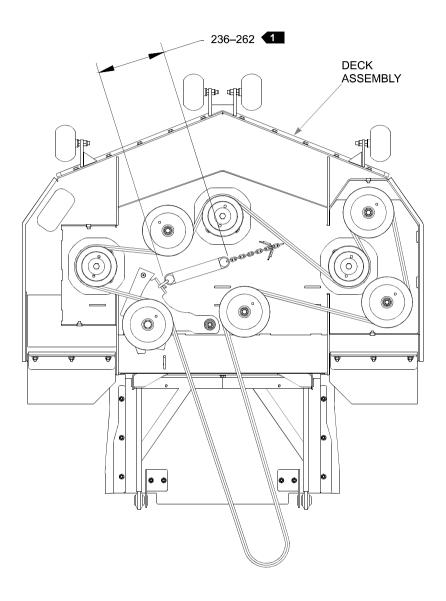
| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                 |
|-------------|---------------------|------------------|-----|-----------------------------|
| 1           | 055749              | 055749           | 4   | CS .437-14 X 1.750 HX G5 ZN |
| 2           | 061101              | 061101           | 2   | NT .750-10 HX NL ZN         |
| 3           | 025296              | 025296           | 4   | FW .760 X 1.625 X.08 ZN     |
| 4           | 051169              | 051169           | 2   | CS .750-10 X 3.000 HX G5 ZN |
| 5           | 704643              | 704643           | 8   | NT .437-14 HX FLG ZN        |
|             |                     |                  |     |                             |

## 54" Side Disch. Deck Belt Routing & Tensioning



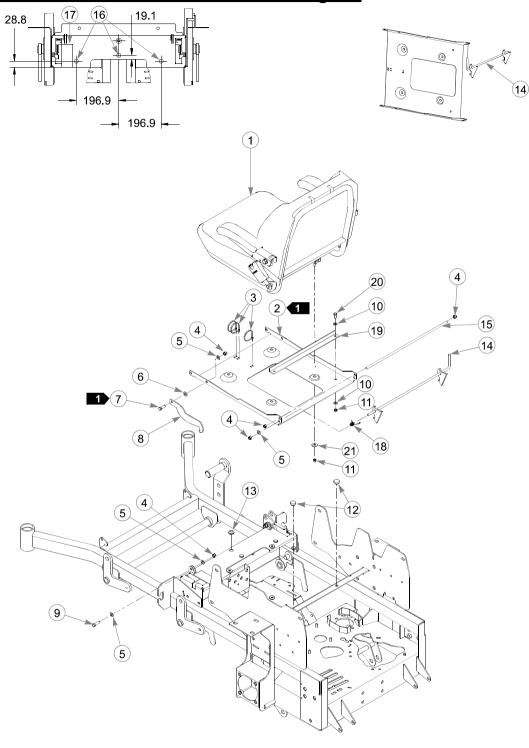
- 1. Spring length after tensioning belt. Measure spring from outside of hook to outside of hook.
- 2. Route belt as shown.

## 54" Rear Disch. Deck Belt Routing & Tensioning



- Spring length after tensioning belt. Measure spring from outside of hook to outside of hook.
- 2. Route belt as shown.

# Seat Installation—S/N 09120554 & Higher



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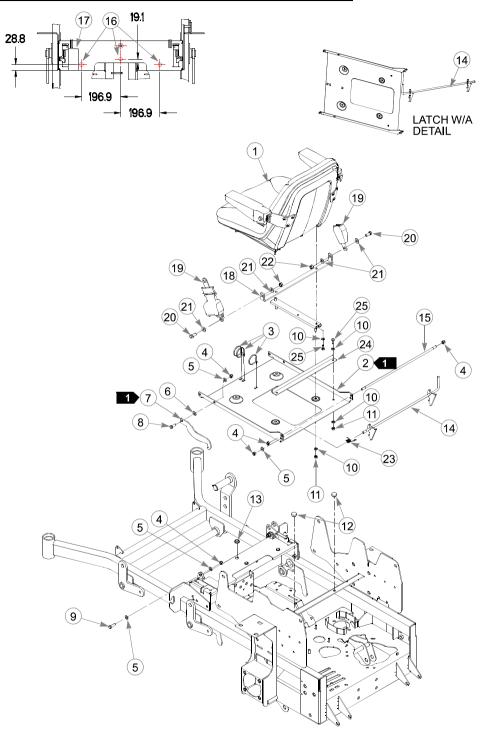
## Seat Installation—S/N 09120554 & Higher

| ITEM<br>NO. | SERVICES<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                            |
|-------------|----------------------|------------------|-----|--|
| 1           | 602202               | 602202           | 1   | STANDARD SEAT                          |
| 2           | 109307               | 109307           | 1   | SEAT PAN                               |
| 3           | 000331               | 000331           | 3   | BLACK CABLE TIE                        |
| 4           | 086660               | 086660           | 6   | NT .375-16 HX LK NY                    |
| 5           | 767954               | 767954           | 6   | FW .406 X .812 X .060 SAE HD ZN        |
| 6           | 724716               | 724716           | 1   | FIBER WASHER                           |
| 7           | 350421               | 350421           | 1   | SEAT PAN STOP                          |
| 8           | 036244               | 036244           | 1   | CS .375-16 X 1.000 HX G5 ZN            |
| 9           | 052860               | 052860           | 2   | CS .375-16 X1.250 HX G5 ZN             |
| 10          | 768523               | 768523           | 4   | FW .343 X .687 X .051/.080 HD ZN/Y     |
| 11          | 034272               | 034272           | 6   | NT .312-18 HX G5 ZN                    |
| 12          | 781880               | 781880           | 2   | BUMPER                                 |
| 13          | 080358               | 080358           | 1   | GM .50 X 1.00 X .75 X .12 GROMMET      |
| 14          | 109274               | 109274           | 1   | LATCH W/A                              |
| 15          | 109283               | 109283           | 1   | STOP ROD SEAT LATCH                    |
| 16          | 781617               | 781617           | 3   | RUBBER BUMPER                          |
| 17          | 722199               | 722199           | 1   | 2" WIDE SCOTCH POLYURETHANE 5.55" LONG |
| 18          | 783910               | 783910           | 1   | ROPS LATCH TORSION SPRING              |
| 19          | 108851               | 108851           | 1   | SEAT STOP                              |
| 20          | 034280               | 034280           | 4   | CS .312-18 X .750 HX G5                |
| 21          | 712927               | 712927           | 4   | FW .344X 1.00X.12 HRD Z                |

- 1. Must pivot freely.
- 2. Seat stop is used on mowers with 29 HP Kawasaki engines only.
- 3. Service parts available for Standard seat;

| PART NO. | DESCRIPTION              |
|----------|--------------------------|
| 603128   | TRACK SET, SEATS INC     |
| 603129   | SEAT SWITCH, SEATS INC   |
| 603130   | RS ARMREST, SEATS INC    |
| 603151   | LS ARMREST, SEATS INC    |
| 603131   | ARM PAD, SEATS INC       |
| 603133   | SEAT BELT KIT, SEATS INC |
| 603134   | SET OF ARMRESTS          |

## Seat Installation—S/N 08010000-09120554



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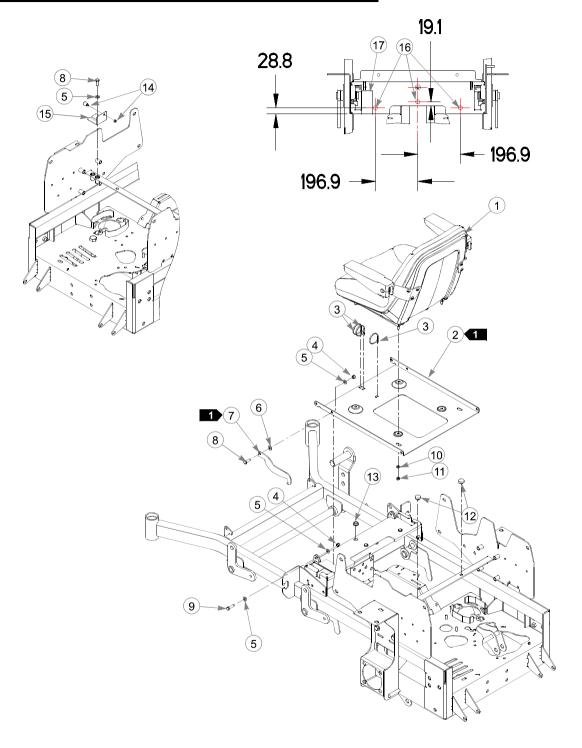
## Seat Installation—S/N 08010000-09120554

| ITEM<br>NO. | SERVICES<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                            |
|-------------|----------------------|------------------|-----|--|
| 1           | 793661               | 793661           | 1   | MICHIGAN SEAT                          |
| 2           | 109307               | 109307           | 1   | SEAT PAN                               |
| 3           | 000331               | 000331           | 3   | BLACK CABLE TIE                        |
| 4           | 086660               | 086660           | 6   | NT .375-16 HX LK NY                    |
| 5           | 767954               | 767954           | 6   | FW .406 X .812 X .060 SAE HD ZN        |
| 6           | 724716               | 724716           | 1   | FIBER WASHER                           |
| 7           | 350421               | 350421           | 1   | SEAT PAN STOP                          |
| 8           | 036244               | 036244           | 1   | CS .375-16 X 1.000 HX G5 ZN            |
| 9           | 052860               | 052860           | 2   | CS .375-16 X1.250 HX G5 ZN             |
| 10          | 768523               | 768523           | 10  | FW .343 X .687 X .051/.080 HD ZN/Y     |
| 11          | 034272               | 034272           | 6   | NT .312-18 HX G5 ZN                    |
| 12          | 781880               | 781880           | 2   | BUMPER                                 |
| 13          | 080358               | 080358           | 1   | GM .50 X 1.00 X .75 X .12 GROMMET      |
| 14          | 109274               | 109274           | 1   | LATCH W/A                              |
| 15          | 109283               | 109283           | 1   | STOP ROD SEAT LATCH                    |
| 16          | 781617               | 781617           | 3   | RUBBER BUMPER                          |
| 17          | 722199               | 722199           | 1   | 2" WIDE SCOTCH POLYURETHANE 5.55" LONG |
| 18          | 794610               | 794610           | 1   | SEAT BELT CROSS BAR                    |
| 19          | 601444               | 601444           | 1   | SEAT BELT                              |
| 20          | 797076               | 797076           | 2   | CS .437-20X1.00 HXG8ZNYC               |
| 21          | 017129               | 017129           | 6   | FW .440X 1.000X.083 ZNY                |
| 22          | 704635               | 704635           | 2   | NT .437-20 HX GR5 ZNYC                 |
| 23          | 783910               | 783910           | 1   | ROPS LATCH TORSION SPRING              |
| 24          | 108851               | 108851           | 1   | SEAT STOP                              |
| 25          | 034280               | 034280           | 4   | CS .312-18 X .750 HX G5                |

- 1. Must pivot freely.
- 2. Seat stop is used on mowers with 29 HP Kawasaki engines only.
- 3. Service parts available for Michigan Standard seat;

| PART NO. | <u>DESCRIPTION</u>                              |
|----------|---|
| 793307   | SLIDE KIT                                       |
| 793315   | SEAT SWITCH                                     |
| 793331   | ARMREST KIT (OPTIONAL SQUARE STYLE)             |
| 793349   | L.H. ARMREST ASSMBLY (SQUARE STYLE W/ BRACKETS) |
| 793356   | R.H. ARMREST ASSMBLY (SQUARE STYLE W/ BRACKETS) |
| 797456   | ARMREST KIT (OPTIONAL ROUND STYLE)              |
| 767464   | L.H. ARMREST ASSMBLY (ROUND STYLE W/ BRACKETS)  |
| 797472   | R.H. ARMREST ASSMBLY (ROUND STYLE W/ BRACKETS)  |
| 797480   | ONE ARMREST ONLY (ROUND STYLE W/O BRACKET)      |
| 793273   | ARMREST STOP ASSY                               |

## Seat Installation—S/N Prior to 08010000



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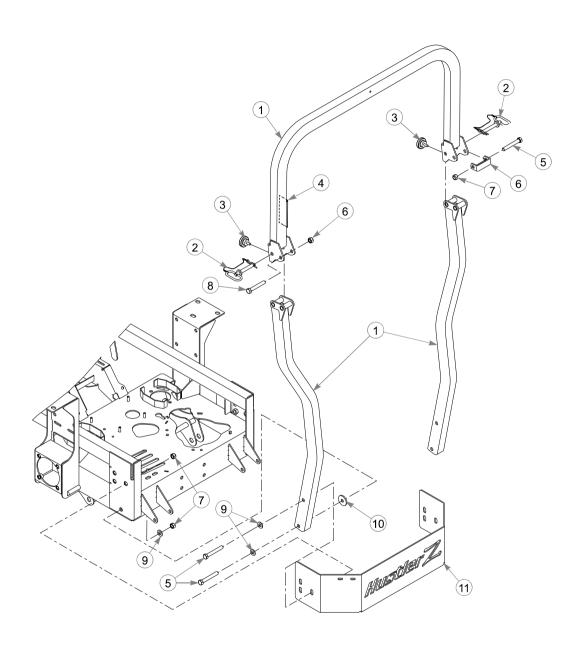
## Seat Installation—S/N Prior to 08010000

| ITEM<br>NO. | SERVICES<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                            |
|-------------|----------------------|------------------|-----|--|
| 1           | 793661               | 793661           | 1   | MICHIGAN SEAT                          |
| 2           | 350041               | 350041           | 1   | SEAT PAN                               |
| 3           | 000331               | 000331           | 3   | BLACK CABLE TIE                        |
| 4           | 086660               | 086660           | 3   | NT .375-16 HX LK NY                    |
| 5           | 767954               | 767954           | 7   | FW .406 X .812 X .060 SAE HD ZN        |
| 6           | 724716               | 724716           | 1   | FIBER WASHER                           |
| 7           | 350421               | 350421           | 1   | SEAT PAN STOP                          |
| 8           | 036244               | 036244           | 3   | CS .375-16 X 1.000 HX G5 ZN            |
| 9           | 052860               | 052860           | 2   | CS .375-16 X1.250 HX G5 ZN             |
| 10          | 768523               | 768523           | 4   | FW .343 X .687 X .051/.080 HD ZN/Y     |
| 11          | 034272               | 034272           | 4   | NT .312-18 HX G5 ZN                    |
| 12          | 781880               | 781880           | 2   | BUMPER                                 |
| 13          | 080358               | 080358           | 1   | GM .50 X 1.00 X .75 X .12 GROMMET      |
| 14          | 748756               | 748756           | 1   | LATCH SPRING PLUNGER                   |
| 15          | 350462               | 350462           | 1   | SEAT LATCH BRACKET                     |
| 16          | 781617               | 781617           | 3   | RUBBER BUMPER                          |
| 17          | 722199               | 722199           | 1   | 2" WIDE SCOTCH POLYURETHANE 5.55" LONG |

- 1. Must pivot freely.
- 2. Service parts available for Michigan Standard seat;

| PART NO. | DESCRIPTION                                     |
|----------|---|
| 793307   | SLIDE KIT                                       |
| 793315   | SEAT SWITCH                                     |
| 793331   | ARMREST KIT (OPTIONAL SQUARE STYLE)             |
| 793349   | L.H. ARMREST ASSMBLY (SQUARE STYLE W/ BRACKETS) |
| 793356   | R.H. ARMREST ASSMBLY (SQUARE STYLE W/ BRACKETS) |
| 797456   | ARMREST KIT (OPTIONAL ROUND STYLE)              |
| 767464   | L.H. ARMREST ASSMBLY (ROUND STYLE W/ BRACKETS)  |
| 797472   | R.H. ARMREST ASSMBLY (ROUND STYLE W/ BRACKETS)  |
| 797480   | ONE ARMREST ONLY (ROUND STYLE W/O BRACKET)      |
| 793273   | ARMREST STOP ASSY                               |

# **ROPS Installation**



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## **ROPS Installation**

| ITEM<br>NO. | SERVICES<br>PART NO. | MFG.<br>PART NO. | QTY | DESCRIPTION                |
|-------------|----------------------|------------------|-----|----------------------------|
| 1           | 601440               | N/A              | 1   | ROPS                       |
| 2           | 601471               | N/A              | 2   | LYNCH PIN W/ LANYARD       |
| 3           | 601470               | N/A              | 2   | KNOB                       |
| 4           | 601560               | N/A              | 1   | ROPS WARNING DECAL         |
| 5           | 061812               | N/A              | 5   | CS .500-13 X 3.500 HX G5   |
| 6           | 601472               | N/A              | 1   | ROPS STOP                  |
| 7           | 023317               | N/A              | 6   | NT .500-13 UNT LK G5 ZN    |
| 8           | 077859               | N/A              | 1   | CS .500-13 X 3.250 HX G5   |
| 9           | 767962               | N/A              | 4   | FW .531 X 1.063 X .090 SAE |
| 10          | 601473               | N/A              | 2   | SPACER WASHER              |
| 11          | 349704               | N/A              | 1   | ENGINE CAGE MOUNT PLATE    |

#### NOTES:

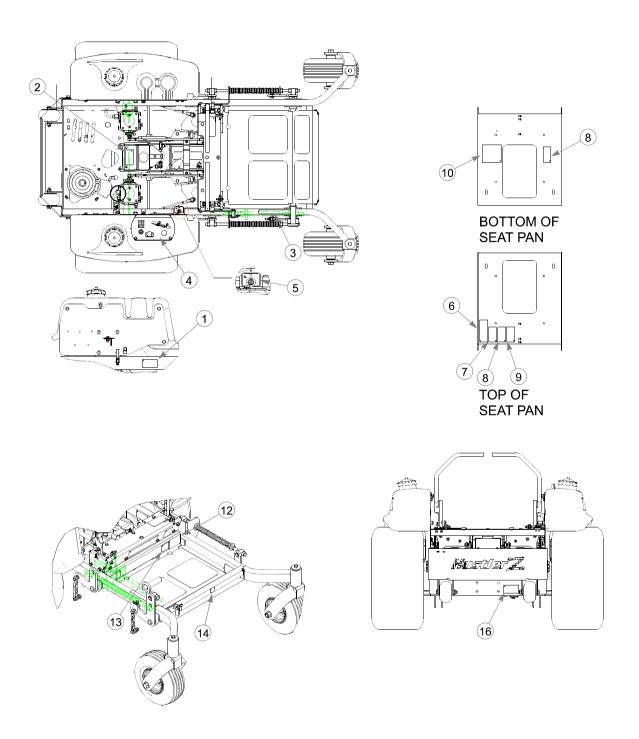
 ROPS come standard on all Hustler Z units with serial numbers 08010000 and higher. Prior to this serial number, ROPS were optional for Hustler Z mowers.



### **Section 9**

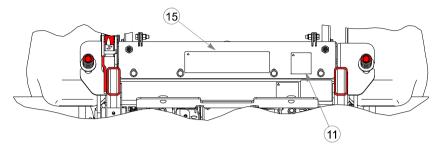
| Mower Decals                       | 9-2 |
|------------------------------------|-----|
| 60" Side Discharge XR7 Deck Decals | 9-4 |
| 54" Side Discharge XR7 Deck Decals | 9-5 |
| 54" Rear Discharge Deck Decals     | 9-6 |

## **Mower Decals**



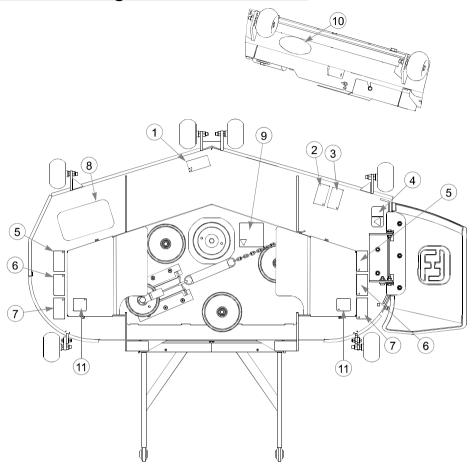
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# **Mower Decals**



| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                    |
|-------------|---------------------|------------------|------|--------------------------------|
| 1           | 727008CE            | 727008CE         | 1    | HYDRAULIC FLUID DECAL - CE     |
| 2           | 779280CE            | 779280CE         | 1    | HOT DECAL - CE                 |
| 3           | 781427CE            | 781427CE         | 1    | DECK HEIGHT INDICATOR DECAL    |
| 4           | 784702CE            | 784702CE         | 1    | INSTRUMENT PANEL DECAL - CE    |
| 5           | 791830              | 791830           | 1    | FUEL INDICATOR DECAL           |
| 6           | 789727CE            | 789727CE         | 1    | EYE/EAR/FOOT PROTECTION DECAL  |
| 7           | 777029CE            | 777029CE         | 1    | MAXIMUM ANGLE CE DECAL         |
| 8           | 789719CE            | 789719CE         | 1    | READ SERVICE MANUAL DECAL - CE |
| 9           | 789701CE            | 789701CE         | 1    | READ OWNER'S MANUAL DECAL - CE |
| 10          | 727016CE            | 727016CE         | 1    | BATTERY DECAL - CE             |
| 11          | 789776CE            | 789776CE         | 1    | DBA DECAL - CE                 |
| 12          | N/A                 | 083279           | 1    | TURF PROD SERIAL NO PLATE      |
| 13          | 776310              | 776310           | 1    | CE MARK DECAL                  |
| 14          | 793588              | 793588           | 1    | HUSTLER NAME PLATE             |
| 15          | 786426              | 786426           | 1    | HUSTLER Z ID DECAL             |
| 16          | 771436CE            | 771436CE         | 1    | STABILIZER ROLLERS DECAL - CE  |
|             |                     |                  |      |                                |

# 60" Side Discharge XR7 Deck Decals

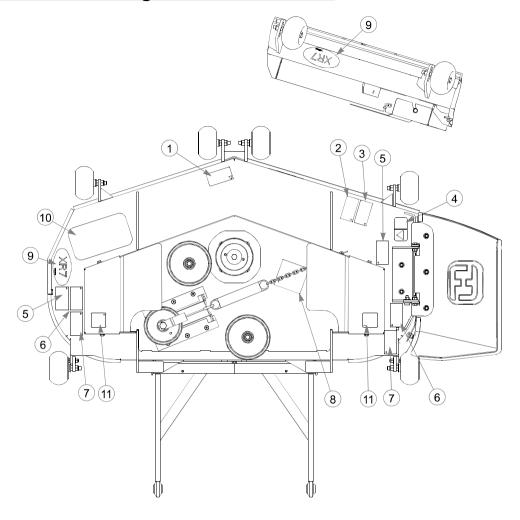


| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                      |
|-------------|---------------------|------------------|------|----------------------------------|
| 1           | 786277              | 786277           | 1    | 60" SIDE DISCHARGE DECK ID DECAL |
| 2           | 789719CE            | 789719CE         | 1    | READ SERVICE MANUAL DECAL        |
| 3           | 789701CE            | 789701CE         | 1    | READ OWNER'S MANUAL DECAL        |
| 4           | 727420CE            | 727420CE         | 1    | DISCHARGE CHUTE CE DECAL         |
| 5           | 789685CE            | 789685CE         | 2    | THROWN OBJECT DECAL              |
| 6           | 727453CE            | 727453CE         | 2    | DECK COVER CE DECAL              |
| 7           | 727438CE            | 727438CE         | 2    | FINGERS AND TOES DECAL           |
| 8           | 359547              | 359547           | 1    | STEP TREAD                       |
| 9           | 799395CE            | 799395CE         | 1    | BELT ROUTING DECAL               |
| 10          | 799353              | 799353           | 1    | XR7 DECK ID DECAL                |
| 11          | 602562              | 602562           | 2    | DECAL, NO SERVICE                |

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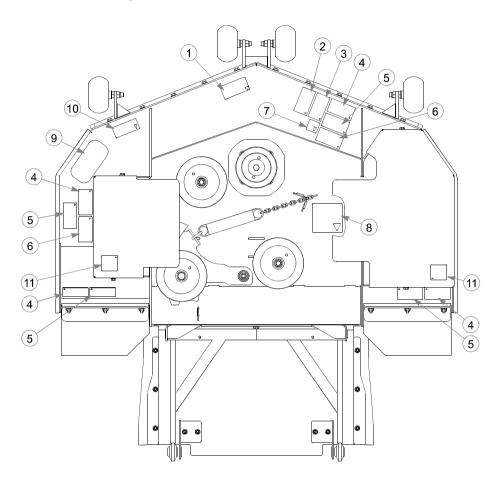
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# 54" Side Discharge XR7 Deck Decals



| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                      |
|-------------|---------------------|------------------|------|----------------------------------|
| 1           | 799171              | 799171           | 1    | 54" SIDE DISCHARGE DECK ID DECAL |
| 2           | 789719CE            | 789719CE         | 1    | READ SERVICE MANUAL DECAL - CE   |
| 3           | 789701CE            | 789701CE         | 1    | READ OWNER'S MANUAL DECAL - CE   |
| 4           | 727420CE            | 727420CE         | 1    | DISCHARGE CHUTE DECAL - CE       |
| 5           | 789685CE            | 789685CE         | 2    | THROWN OBJECT DECAL              |
| 6           | 727453CE            | 727453CE         | 2    | DECK COVER DECAL - CE            |
| 7           | 727438CE            | 727438CE         | 2    | FINGERS & TOES DECAL - CE        |
| 8           | 781419CE            | 781419CE         | 1    | Z DECK BELT ROUTING DECAL - CE   |
| 9           | 799353              | 799353           | 2    | XR7 DECK ID DECAL                |
| 10          | 359547              | 359547           | 1    | STEP TREAD 5.00 X 9.00           |
| 11          | 602562              | 602562           | 2    | DECAL, NO SERVICE                |

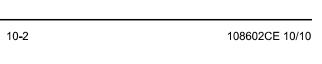
# 54" Rear Discharge Deck Decals



| ITEM<br>NO. | SERVICE<br>PART NO. | MFG.<br>PART NO. | QTY. | DESCRIPTION                       |
|-------------|---------------------|------------------|------|-----------------------------------|
| 1           | 799171              | 799171           | 1    | 54" REAR DISCHARGE DECK ID DECAL  |
| 2           | 789701CE            | 789701CE         | 1    | READ OWNER'S MANUAL DECAL         |
| 3           | 789719CE            | 789719CE         | 1    | READ SERVICE MANUAL DECAL         |
| 4           | 789685CE            | 789685CE         | 4    | THROWN OBJECT DECAL               |
| 5           | 727438CE            | 727438CE         | 4    | FINGERS AND TOES DECAL            |
| 6           | 727453CE            | 727453CE         | 2    | CE DECK COVER DECAL               |
| 7           | 727172              | 727172           | 1    | DECAL 'MADE IN U.S.A.'            |
| 8           | 796953              | 796953           | 1    | REAR DISCHARGE DECK ROUTING DECAL |
| 9           | 794503              | 794503           | 1    | STEP TREAD DECAL                  |
| 10          | 797845              | 797845           | 1    | FUSION DECAL                      |
| 11          | 602562              | 602562           | 2    | DECAL, NO SERVICE                 |

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| 781724           | 5 <b>-</b> 3         | 792762           | 5-3                  | 808485           | 7 <b>-</b> 3    |
| 781732           | 5-3                  | 793232           | 5-7                  | 808493           | 2-2, 7-3        |
| 781765           | 4-7                  | 793240           | 5-7                  | 927723CE         | 1-1             |
| 781831           | 4-5                  | 793273           | 8-9, 8-11            | 927731CE         | 1-1             |
| 781856           | 4-11, 7-5            | 793307           | 8-9, 8-11            | 928432CE         | 1-1             |
| 781872           | 4-11                 | 793315           | 8-9, 8-11            |                  |                 |
| 781880           | 2-3, 8-7, 8-9, 8-11  | 793331           | 8-9, 8-11            |                  |                 |
|                  |                      |                  |                      |                  |                 |
|                  |                      | <u> </u>         |                      | <u> </u>         |                 |