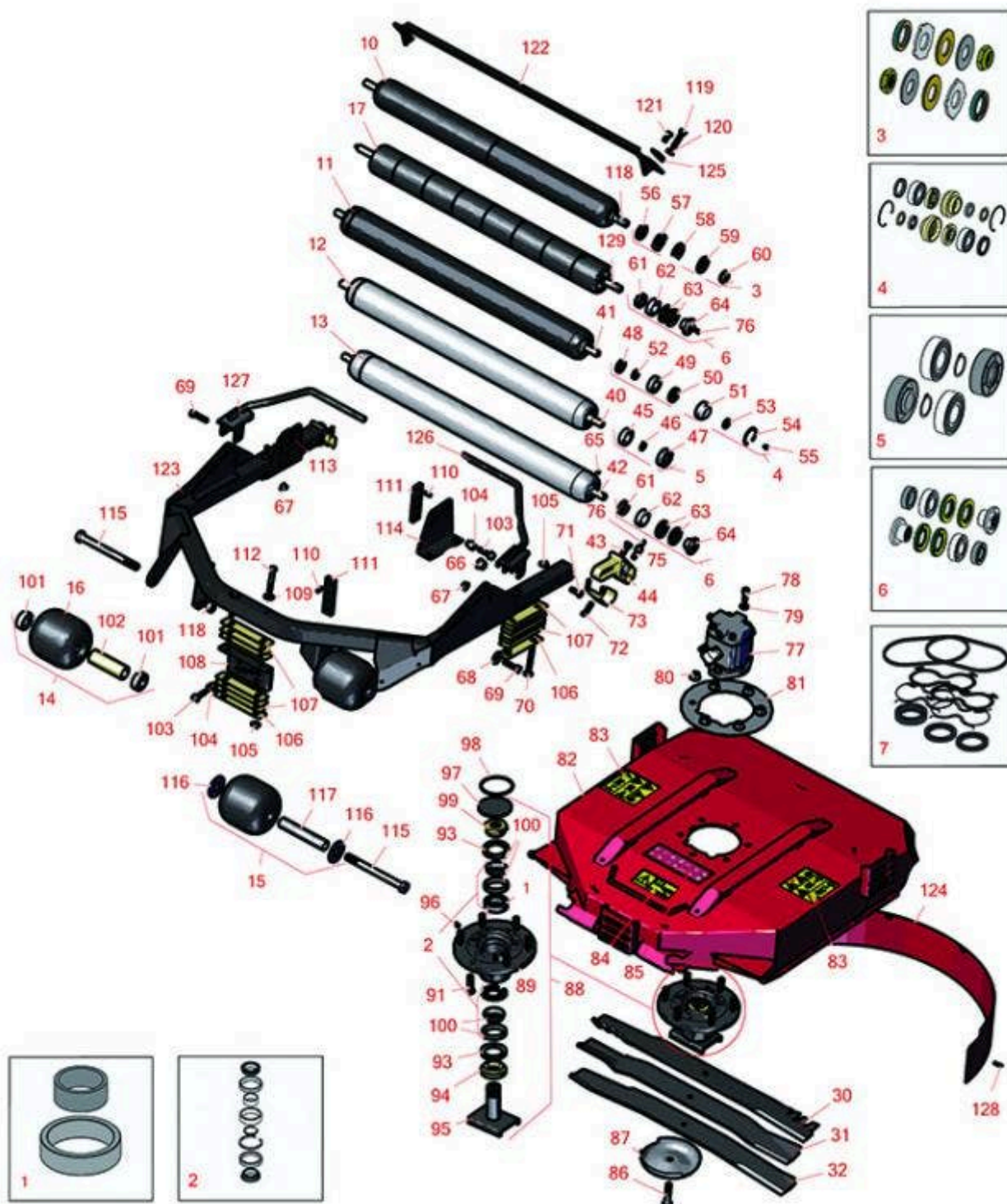


## Replaces Toro Groundsmaster 3505-D

## Parts

### Rotary Cutting Unit

## 27in Rotary Unit - Model 30827





# Replaces Toro Groundsmaster 3505-D Parts

Rotary Cutting Unit  
27in Rotary Unit - Model 30827



| Item No                                                                                                                                                                                                                                                       | R&R Part No.     | OEM Part No.                       | Description                         | Qty Req | Order Quantity |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------|-------------------------------------|---------|----------------|
| <b>Overhaul Kits</b>                                                                                                                                                                                                                                          |                  |                                    |                                     |         |                |
| 1                                                                                                                                                                                                                                                             | <b>R100-5704</b> | 100-5704                           | Spacer - Set Fits R100-5703         | 0       |                |
| 2                                                                                                                                                                                                                                                             | <b>R100-5703</b> | 100-5703                           | Bearing - w/Spacer Assy             | 0       |                |
| 3                                                                                                                                                                                                                                                             | <b>R101399</b>   |                                    | Overhaul Kit - UHMW 2 Pc Roller     | 1       |                |
| <i>Detail Description: Fits all R&amp;R 2-1/2" - 3-1/2" Dia. Black UHMW Plastic Rollers that do not use ball bearings.. Includes 2 ea.: R1503230 Star Washers, R1503470 Seals, R150333 Thrust Washers, R3296-15 Locknuts, R1503471 Bronze Thrust Washers:</i> |                  |                                    |                                     |         |                |
| 4                                                                                                                                                                                                                                                             | <b>R106-9606</b> | 106-9606                           | Overhaul Kit - Roller               | 1       |                |
| <i>Detail Description: Include 2 ea: R343667 Bearings, R253-70 Seals, R32120-62 Retaining Rings, R93-1251 Seals, R93-1252 Seals, R93-2931 Washers, R93-3007 Seals:</i>                                                                                        |                  |                                    |                                     |         |                |
| 5                                                                                                                                                                                                                                                             | <b>R107-1595</b> | 107-1595                           | Overhaul Kit - Roller               | 1       |                |
| <i>Detail Description: Includes 2 ea.: R251-347 Bearings, R32120-15 Snap Rings &amp; R150614 Seals:</i>                                                                                                                                                       |                  |                                    |                                     |         |                |
| 6                                                                                                                                                                                                                                                             | <b>R114-5430</b> | 114-5430                           | Overhaul Kit - Roller               | 1       |                |
| <i>Detail Description: Includes 4 ea.: R112-7494 Seals; 2 ea.: R302-5 Grease Zerks, R114-3717 Seals, R112-5290 Bearings &amp; R114-3745 Locknuts:</i>                                                                                                         |                  |                                    |                                     |         |                |
| 7                                                                                                                                                                                                                                                             | <b>R117-0235</b> | 117-0235                           | Seal Kit - Fits R117-5141 Hyd Motor | 1       |                |
| <b>R&amp;R Rollers</b>                                                                                                                                                                                                                                        |                  |                                    |                                     |         |                |
| 10                                                                                                                                                                                                                                                            | <b>R1013902</b>  |                                    | Roller - Smooth UHMW Polyethylene   | 1       |                |
| <i>Detail Description: Machined from solid UHMW, this low maintenance roller uses a 1" solid stainless steel shaft and requires no grease. UHMW material prevents build-up of debris.:</i>                                                                    |                  |                                    |                                     |         |                |
| 11                                                                                                                                                                                                                                                            | <b>R107-1996</b> | 107-1996,<br>112-5273,<br>112-5291 | Roller - Regreasable                | 1       |                |
| 12                                                                                                                                                                                                                                                            | <b>R105-6772</b> | 105-1227,<br>105-6772              | Roller - Smooth 3in                 | 1       |                |

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Rotary Cutting Unit  
27in Rotary Unit - Model 30827



| Item No | R&R Part No. | OEM Part No.                       | Description                                         | Qty Req | Order Quantity |
|---------|--------------|------------------------------------|-----------------------------------------------------|---------|----------------|
| 13      | R112-5265    | 112-5265,<br>112-5272              | Roller Assy - Regreasable                           | 1       |                |
| 14      | R136-2908    | 104-1092,<br>115-3418,<br>136-2908 | Roller Assy - Cast Iron                             | 2       |                |
| 15      | R150495      |                                    | Roller - Smooth UHMW<br>Polyethelyne Front 5 in Dia | 2       |                |
| 16      | R104-1093    | 104-1093                           | Roller - Cast Iron                                  | 2       |                |
| 17      | R1013910     |                                    | Roller - Fusion Smooth UHMW<br>Polyethylene         | 1       |                |

*Detail Description: Machined from solid UHMW plastic that prevents build-up of debris. This roller turns on precision stainless ball bearings.:*

## Rotary Blades

|    |              |                                          |                                                   |   |  |
|----|--------------|------------------------------------------|---------------------------------------------------|---|--|
| 30 | RRB4065-2700 | 107-0235-03                              | Mower Blade - Mulcher 27 x 2.5in x<br>1/2 Mt Hole | 1 |  |
| 31 | R108-9026-03 | 108-9026-03                              | Mower Blade - 27 in Combo                         | 1 |  |
| 32 | R100-5754-03 | 100-5754,<br>100-5754-03,<br>105-9810-03 | Mower Blade                                       | 1 |  |

## Other Part Available

|    |           |          |                           |   |  |
|----|-----------|----------|---------------------------|---|--|
| 40 | R104-9480 | 104-9480 | Shaft - Roller            | 1 |  |
| 41 | R107-1984 | 107-1984 | Shaft - Roller            | 1 |  |
| 42 | R112-5266 | 112-5266 | Shaft- Long - Rear Roller | 1 |  |

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# Replaces Toro Groundsmaster 3505-D Parts

Rotary Cutting Unit  
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| Item No | R&R Part No. | OEM Part No.                                                                                                   | Description                     | Qty Req | Order Quantity |
|---------|--------------|----------------------------------------------------------------------------------------------------------------|---------------------------------|---------|----------------|
| 43      | R323-6       | 01-150-0010,<br>01-178-0608,<br>20-47-AD,<br>20-47-AGD,<br>3224-2,<br>323-6,<br>49-3510,<br>908034P,<br>908332 | Bolt - Hex HD 3/8-16 x 1 GR5 YZ | 2       |                |
| 44      | R112-5268    | 100-5768,<br>100-5768-01,<br>104-9487,<br>105-3991,<br>112-5268                                                | Mount - Roller - Rotary Deck    | 2       |                |
| 45      | R251-347     | 251-347,<br>72-5690                                                                                            | Bearing - Ball                  | 2       |                |
| 46      | R32120-15    | 32120-15                                                                                                       | Ring - Snap                     | 2       |                |
| 47      | R150614      | 99-3842                                                                                                        | Seal                            | 2       |                |
| 48      | R93-3007     | 93-3007                                                                                                        | Seal                            | 2       |                |
| 49      | R343667      | 109966,<br>251-6,<br>38-7820                                                                                   | Bearing - Ball                  | 2       |                |
| 50      | R93-1251     | 93-1251                                                                                                        | Seal                            | 2       |                |
| 51      | R93-1252     | 93-1252                                                                                                        | Seal - Outer                    | 2       |                |
| 52      | R253-70      | 253-70                                                                                                         | Seal                            | 2       |                |
| 53      | R93-2931     | 93-2931                                                                                                        | Washer - Roller Seal            | 2       |                |
| 54      | R32120-62    | 32120-62                                                                                                       | Ring - Retaining                | 2       |                |
| 55      | R1851        | 107-1997                                                                                                       | Fitting - Grease - Flush        | 2       |                |
| 56      | R1503470     |                                                                                                                | Seal - Inner Wiper              | 2       |                |
| 57      | R1503230     |                                                                                                                | Washer - Thrust Outer Keyed     | 2       |                |

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# Replaces Toro Groundsmaster 3505-D Parts

Rotary Cutting Unit  
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| Item No | R&R Part No. | OEM Part No.                                                   | Description                     | Qty Req | Order Quantity |
|---------|--------------|----------------------------------------------------------------|---------------------------------|---------|----------------|
| 58      | R1503471     |                                                                | Washer - Thrust SAE660 Bronze   | 2       |                |
| 59      | R150333      |                                                                | Washer - Flat Keyed Outer SS    | 2       |                |
| 60      | R3296-15     | 116-7306,<br>32118-5,<br>32127-23,<br>32127-47,<br>3296-15     | Locknut - 3/4-16 Nylon Jam      | 2       |                |
| 61      | R114-3717    | 114-3717                                                       | Seal                            | 2       |                |
| 62      | R112-5290    | 112-5290,<br>251--346,<br>251-346,<br>72-5430                  | Bearing - Stainless             | 2       |                |
| 63      | R112-7494    | 112-7494                                                       | Seal                            | 4       |                |
| 64      | R114-3745    | 106-6939,<br>108-3151,<br>114-3745,<br>114-5411                | Locknut - Bearing - Stainless   | 2       |                |
| 65      | R150690      | 108-0989                                                       | Screw - Set 1/4-20 x 1/4        | 2       |                |
| 66      | R95-8803     | 95-8803                                                        | Bushing - Flange                | 2       |                |
| 67      | R104-8301    | 104-8301,<br>104-9301,<br>109-6658,<br>133-7570                | Locknut - 3/8-16 Nylon Flanged  | 2       |                |
| 68      | R93-8806     | 93-8806                                                        | Washer-Hardened                 | 2       |                |
| 69      | R323-11      | 01-150-1440,<br>01-178-0618,<br>20-52-AD,<br>3224-7,<br>323-11 | Bolt - 3/8-16 x 2 1/4 GR5       | 6       |                |
| 70      | R3231-9      | 3231-9                                                         | Bolt - Carriage 3/8-16 x 2 3/4" | 4       |                |
| 71      | R3234-11     | 3234-11                                                        | Bolt - Hex Washer HD            | 4       |                |

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# Replaces Toro Groundsmaster 3505-D Parts

Rotary Cutting Unit  
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| Item No | R&R Part No. | OEM Part No.                                                                                                                                   | Description                  | Qty Req | Order Quantity |
|---------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------|----------------|
| 72      | R400264      | 01-150-0180,<br>01-178-0610,<br>20-48-AD,<br>20-48-AGD,<br>32-9160,<br>3224-3,<br>323-29,<br>323-7,<br>400264,<br>908035P                      | Bolt - Hex HD 3/8-16 x 1-1/4 | 2       |                |
| 73      | R107-7816    | 107-7816                                                                                                                                       | Bracket-Skid                 | 2       |                |
| 75      | R112-5270    | 112-5270                                                                                                                                       | Screw Assy - Roller Shaft    | 2       |                |
| 76      | R302-5       | 21-6010,<br>302-11,<br>302-37,<br>302-47,<br>302-5,<br>302-57,<br>302-58,<br>302-6,<br>31-0300,<br>32-9660,<br>60-0800,<br>62-3880,<br>92-4181 | Fitting - Grease             | 2       |                |
| 77      | R117-5141    | 105-9820,<br>105-9872,<br>117-5141,<br>137-5571                                                                                                | Hydraulic Motor              | 1       |                |
| 78      | R3274-7      | 3247-7,<br>3274-7                                                                                                                              | Bolt - Soc HD Cap 3/8-16 x 1 | 2       |                |

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# Replaces Toro Groundsmaster 3505-D

## Parts

Rotary Cutting Unit

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| Item No | R&R Part No. | OEM Part No.                                                                                                                                                                                                                                                                                                                   | Description                  | Qty Req | Order Quantity |
|---------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------|----------------|
| 79      | R453011      | 01-166-0100,<br>01-166-0120,<br>01-166-0270,<br>01-166-0500,<br>01-166-0600,<br>01-166-0620,<br>132-4593,<br>2356-3,<br>237-12,<br>24-10-AD,<br>24-11-AD,<br>24-11-BD,<br>24-12-AD,<br>24-12-BD,<br>30-9310,<br>32-8190,<br>3256-24,<br>3256-3,<br>3256-36,<br>3256-4,<br>453011,<br>47-9950,<br>48-9220,<br>513458,<br>7-0052 | Washer - Flat 3/8 SAE Y/Zinc | 2       |                |
| 80      | R32128-49    | 32128-49                                                                                                                                                                                                                                                                                                                       | Nut - 1/2-13 Hex Flange      | 6       |                |
| 81      | R104-1051-03 | 104-1051-03                                                                                                                                                                                                                                                                                                                    | Plate- Spindle               | 1       |                |
| 82      | R127-6389    | 104-1087,<br>115-3479,<br>127-6389                                                                                                                                                                                                                                                                                             | Deck Chamber Assy            | 1       |                |
| 83      | R117-4764    | 117-4764,<br>43-8480                                                                                                                                                                                                                                                                                                           | Decal - Danger               | 2       |                |
| 84      | R93-7818     | 93-7818                                                                                                                                                                                                                                                                                                                        | Decal - Blade Torque         | 1       |                |
| 85      | R121-3627    | 104-1086,<br>121-3627                                                                                                                                                                                                                                                                                                          | Decal - HOC                  | 1       |                |
| 86      | R92-5816     | 92-5816                                                                                                                                                                                                                                                                                                                        | Bolt - Hex HD 1/2-20 x 2-1/4 | 1       |                |

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| Item No | R&R Part No. | OEM Part No.                                                                          | Description                       | Qty Req | Order Quantity |
|---------|--------------|---------------------------------------------------------------------------------------|-----------------------------------|---------|----------------|
| 87      | R72-9361     | 27-1000,<br>27-1001,<br>72-9360,<br>72-9361                                           | Cup - Anti-Scalp                  | 1       |                |
| 88      | R115-3435    | 100-5700,<br>115-3435                                                                 | Spindle Assy                      | 1       |                |
| 89      | R115-3434    | 100-5701,<br>115-3434                                                                 | Housing - Spindle                 | 1       |                |
| 91      | R10-6830     | 10-6830                                                                               | Stud - 1/2-20 x 1 3/4             | 6       |                |
| 91      | R325-5       | 01-150-0250,<br>01-178-0810,<br>19-8000,<br>20-86-AGD,<br>3226-1,<br>325-5,<br>513375 | Bolt - Hex HD 1/2-13 x 1-1/4      | 6       |                |
| 93      | R253-154     | 253-154                                                                               | Seal - Spindle                    | 2       |                |
| 94      | R92-9800     | 69-6950,<br>69-6980,<br>92-9800                                                       | Spacer - Spindle                  | 1       |                |
| 95      | R100-5705    | 100-5705,<br>121-3664                                                                 | Spindle Assy                      | 1       |                |
| 96      | R302-62      | 302-62                                                                                | Fitting - Grease - Extended Shank | 2       |                |
| 97      | R94-2703     | 94-2703                                                                               | Plug - Plastic Spindle Housing    | 1       |                |
| 98      | R237-161     | 237-161                                                                               | O-Ring                            | 1       |                |
| 99      | R100-5709    | 100-5709                                                                              | Nut - Special Spindle             | 1       |                |
| 100     | R49-8320     | 26-1730,<br>49-8320                                                                   | Bearing Assy - Spindle Set        | 2       |                |

*Detail Description: Includes Retaining Rings, Spacers, Bearings & Cups:*

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Rotary Cutting Unit  
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| Item No                                     | R&R Part No.        | OEM Part No.                                                                                                          | Description                          | Qty Req | Order Quantity |
|---------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------|----------------|
| 101                                         | <b>R108-9017</b>    | 108-9017,<br>120-3366                                                                                                 | Bearing-Stainless                    | 4       |                |
| 101                                         | <b>R93-4237</b>     | 93-4237                                                                                                               | Bearing                              | 4       |                |
| <i>Tech Note: Ser# 250000001-250999999:</i> |                     |                                                                                                                       |                                      |         |                |
| 102                                         | <b>R100-5762</b>    | 100-5762                                                                                                              | Spacer - Bearing Roller              | 2       |                |
| 103                                         | <b>R3234-24</b>     | 3234-24,<br>3234-8,<br>3234.24,<br>66-9301                                                                            | Bolt - Hex Ser Was HD 3/8-16 x 1-1/4 | 3       |                |
| 104                                         | <b>R105-9226</b>    | 100-5728,<br>105-9226                                                                                                 | Spacer-HOC                           | 3       |                |
| 105                                         | <b>R32128-43</b>    | 30-8990,<br>32128-43,<br>3290-357                                                                                     | Nut - Flanged Whiz - 3/8-16          | 6       |                |
| 106                                         | <b>R104-4641</b>    | 104-4641                                                                                                              | Shim - HOC - .030                    | 3       |                |
| 107                                         | <b>R100-5799</b>    | 100-5799                                                                                                              | Shim - HOC .060                      | 18      |                |
| 108                                         | <b>R104-1052-03</b> | 104-1052-01,<br>104-1052-03                                                                                           | Bracket- HOC - Front                 | 1       |                |
| 109                                         | <b>R80-6990</b>     | 104-1050,<br>80-6990                                                                                                  | Washer - Hardened                    | 2       |                |
| 110                                         | <b>R158</b>         | 32121-3                                                                                                               | Pin - Roll 3/16 x 3/4                | 3       |                |
| 111                                         | <b>R105-9225</b>    | 105-9225                                                                                                              | Plate Assy - HOC                     | 3       |                |
| 112                                         | <b>R101526</b>      | 01-150-0970,<br>01-178-0620,<br>20-53-AGD,<br>321-11,<br>3224-8,<br>323-11,<br>323-12,<br>323-31,<br>323-4,<br>323-47 | Bolt - Hex HD 3/8-16 x 2-1/2 GR5     | 2       |                |

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Rotary Cutting Unit  
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| Item No                                     | R&R Part No.        | OEM Part No.                                                                                          | Description                     | Qty Req | Order Quantity |
|---------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------|---------------------------------|---------|----------------|
| 112                                         | <b>R3274-50</b>     | 3274-50                                                                                               | Screw-Hsh                       | 2       |                |
| <i>Tech Note: Ser# 250000001-250999999:</i> |                     |                                                                                                       |                                 |         |                |
| 113                                         | <b>R100-5797-03</b> | 100-5797-01,<br>100-5797-03                                                                           | Bracket - HOC - RH              | 1       |                |
| 114                                         | <b>R104-4624-03</b> | 104-4624-01,<br>104-4624-03                                                                           | Bracket - H.O.C. - LH           | 1       |                |
| 115                                         | <b>R327-15</b>      | 327-15                                                                                                | Bolt - Axle                     | 2       |                |
| 116                                         | <b>R150497</b>      |                                                                                                       | Washer - Fits R150495 Only      | 2       |                |
| 117                                         | <b>R150496</b>      |                                                                                                       | Wear Sleeve - Fits R150495 Only | 1       |                |
| 118                                         | <b>R1013831</b>     |                                                                                                       | Shaft - 1in Stainless Steel     | 1       |                |
| 119                                         | <b>R323-53</b>      | 323-53,<br>57-3210                                                                                    | Bolt - Hex HD 3/8-16 x 1-3/4    | 2       |                |
| 120                                         | <b>R3217-7</b>      | 01-188-0616,<br>1441,<br>22-13-AJD,<br>3217-7,<br>513296,<br>513415,<br>513425,<br>915113P            | Nut - 3/8-16 Hex Plated         | 2       |                |
| 121                                         | <b>R400258</b>      | 01-150-0800,<br>01-178-0600,<br>01-178-0606,<br>20-45-AD,<br>31-0200,<br>31-9910,<br>3224-1,<br>323-4 | Bolt - Hex HD 3/8-16 x 3/4      | 2       |                |
| 122                                         | <b>R104-9492-03</b> | 104-9492-03                                                                                           | Scraper - Rear Roller           | 1       |                |
| 123                                         | <b>R100-5780-03</b> | 100-5780-01,<br>100-5780-03                                                                           | Deck Frame Assy                 | 1       |                |

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*Rotary Cutting Unit  
27in Rotary Unit - Model 30827*



| Item No | R&R Part No.        | OEM Part No.                    | Description                           | Qty Req | Order Quantity |
|---------|---------------------|---------------------------------|---------------------------------------|---------|----------------|
| 124     | <b>R108-9025-01</b> | 105-1228-01,<br>108-9025-01     | Baffle - Mulching - 27 in Deck        | 1       |                |
| 125     | <b>R105-1230-03</b> | 105-1230-03                     | Plate - Scraper                       | 2       |                |
| 126     | <b>R112-9902-03</b> | 112-9900-03,<br>112-9902-03     | Foot Guard Assy - LH                  | 1       |                |
| 127     | <b>R112-9901-03</b> | 112-9900-03,<br>112-9901-03     | Foot Guard Assy - RH                  | 1       |                |
| 128     | <b>R3274-31</b>     | 3274-31,<br>3274-68,<br>46-8560 | Screw - Button HD Soc CS 1/4-20 x 5/8 | 5       |                |
| 129     | <b>R1013911</b>     | 1013911,<br>R7R ONLY            | Shaft                                 | 1       |                |

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