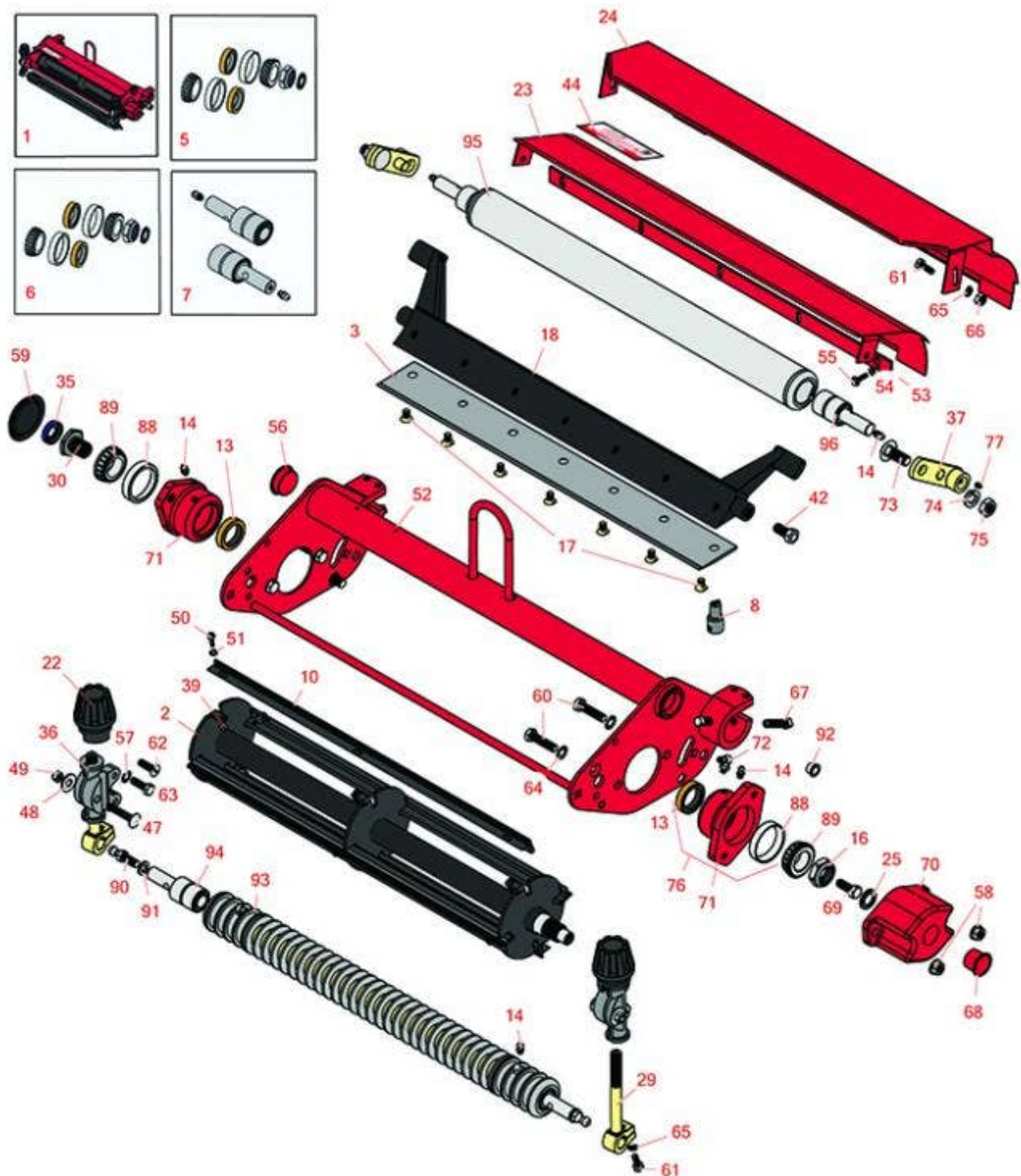




# Replaces Toro Greensmaster 3000 Parts

Brush Reel Unit - R&R Special  
Brush Reel & Bedknife



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# Replaces Toro Greensmaster 3000 Parts

Brush Reel Unit - R&R Special  
Brush Reel & Bedknife



| Item No | R&R Part No. | OEM Part No. | Description | Qty Req | Order Quantity |
|---------|--------------|--------------|-------------|---------|----------------|
|---------|--------------|--------------|-------------|---------|----------------|

## Complete Brush Reel Unit

|   |         |  |                          |   |  |
|---|---------|--|--------------------------|---|--|
| 1 | R150205 |  | Complete Brush Reel Unit | 0 |  |
|---|---------|--|--------------------------|---|--|

*Tech Note:* R&R Brush Reel Units complete with: R101480 Brush Reel, R94-6395 Thin Bedknife, R21-6540 Solid Front Roller & R21-8450 Solid Rear Roller:

*Detail Description:* R&R Products Brush Reels are great for greens maintenance to clean sand and other debris left on grass surfaces after top dressing. If left on the turf, this sand and debris cause dulling and excessive wear on mowing reels and bed knives. However, with the use of R&R Brush Reels, this sand and other debris is easily swept into conventional grass baskets.<BR><BR>R&R Brush Reels are also used to stand turf up before mowing to give a cleaner, more uniform, and truer putting surface.<BR><BR>Equipped with four replaceable polyethylene brushes mounted on a metal frame, simply replace regular mowing reels with R&R Brush Reels and adjust bed knives to clear the brushes. The height of cut should be set to the top of the grass blades or slightly below.<BR><BR>SUGGESTED SETTING<BR>Normal Operation - Use bed knife with grass basket in place<BR>Bed Knife to Brush Reel - 1/16 in to 1/8 in clearance<BR>Brush Reel Height Adjustment - 1/32 in lower than cutting height<BR><BR>SUGGESTED USAGE<BR>Verticutting<BR>Dew Removal<BR>Leaf Cleaning Up<BR>Thatch Prevention<BR>Prior to Overseeding<BR>Grooming Before Mowing<BR>Removal of Excessive Top Dressing:

## R&R Brush Reel

|   |         |  |            |   |  |
|---|---------|--|------------|---|--|
| 2 | R150480 |  | Brush Reel | 1 |  |
|---|---------|--|------------|---|--|

*Detail Description:* R&R Products Brush Reels are an exciting concept in greens maintenance to clean sand and other debris left on grass surfaces after top dressing. If left on the turf, this sand and debris can cause dulling and excessive wear on mowing reels and bed knives. However, with the use of R&R Brush Reels, sand and debris are easily swept into conventional grass baskets. R&R Brush Reels are also used to stand turf up before mowing to give a cleaner, more uniform and truer putting surface. Designed with four replaceable brushes mounted in a metal frame, simply replace regular mowing reels with R&R Brush Reels and adjust bedknife to clear the brushes. The height of cut should be set to the top of the grass blades or slightly below. \*Remove bedknife for the removal of pine needles.<BR><BR>SUGGESTED USAGE: Verticutting - Dew Removal - Leaf Clean Up - Thatch Prevention Prior to Overseeding - Grooming before Mowing - Removal of Excessive Top Dressing:

## R&R Bedknives, Lifetime Guaranteed

|   |          |                                                         |                                    |   |  |
|---|----------|---------------------------------------------------------|------------------------------------|---|--|
| 3 | R94-6395 | 17-7040,<br>19-8880,<br>62-2510,<br>63-8500,<br>94-6395 | Bedknife - Low Cut 3/16"-1"<br>HOC | 1 |  |
|---|----------|---------------------------------------------------------|------------------------------------|---|--|

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# Replaces Toro Greensmaster 3000 Parts

Brush Reel Unit - R&R Special

Brush Reel & Bedknife



| Item No | R&R Part No. | OEM Part No. | Description | Qty Req | Order Quantity |
|---------|--------------|--------------|-------------|---------|----------------|
|---------|--------------|--------------|-------------|---------|----------------|

*Detail Description: R&R Bedknives are manufactured from high carbon-boron alloy steel and then hardened to RC46-49 to match the temper of our reel blades and original equipment reels. Bedknives are surface ground on the top and front edge and straightened three times before being packaged with oil for rust prevention. All R&R Bedknives now have an increased front edge grind for added life. All R&R Bedknives are guaranteed against defects in material and workmanship under normal use for the life of the part.:*

## Overhaul Kits & Service Tools

|   |                 |          |                             |   |
|---|-----------------|----------|-----------------------------|---|
| 5 | <b>R255-300</b> | 107-1590 | Overhaul Kit - Cutting Unit | 0 |
|---|-----------------|----------|-----------------------------|---|

*Detail Description: Includes 2 ea: R253-96 Seals, R254-72 Cups, R254-94 Bearings; 1 ea: R253-61 Seal, R32127-46 Locknut:*

|   |                  |  |                             |   |
|---|------------------|--|-----------------------------|---|
| 6 | <b>R107-1598</b> |  | Overhaul Kit - Cutting Unit | 0 |
|---|------------------|--|-----------------------------|---|

*Detail Description: Includes 2 ea.: R104-3388 Seals, R254-72 Bearing Cups & R254-94 Bearings; 1 ea: R253-61 Seal & R32127-46 Locknut:*

|   |                  |          |                       |   |
|---|------------------|----------|-----------------------|---|
| 7 | <b>R107-1588</b> | 107-1588 | Overhaul Kit - Roller | 0 |
|---|------------------|----------|-----------------------|---|

*Detail Description: Includes 2 ea.: R302-5 Grease Fittings & R52-3180 Bearings:*

|   |                 |         |                            |   |
|---|-----------------|---------|----------------------------|---|
| 8 | <b>R51-0880</b> | 51-0880 | Bedknife Screw Driver Tool | 0 |
|---|-----------------|---------|----------------------------|---|

*Detail Description: Easily install and remove bed knife screws with the help of a ratchet with 3/8" drive. Tool manufactured with hardened alloy steel.:*

## Other Parts Available

|    |                |  |                         |   |
|----|----------------|--|-------------------------|---|
| 10 | <b>R150481</b> |  | Brush Assy - Brush Reel | 4 |
|----|----------------|--|-------------------------|---|

|    |                  |          |                                   |   |
|----|------------------|----------|-----------------------------------|---|
| 13 | <b>R104-3388</b> | 104-3388 | Seal - Double Lip Bearing Housing | 2 |
|----|------------------|----------|-----------------------------------|---|

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## Replaces Toro Greensmaster 3000 Parts

*Brush Reel Unit - R&R Special*

*Brush Reel & Bedknife*



| Item No | R&R Part No. | OEM Part No.                                                                                                                                   | Description                       | Qty Req | Order Quantity |
|---------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------|----------------|
| 14      | 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                  | 6       |                |
| 16      | R32127-46    | 32127-46,<br>3296-60                                                                                                                           | Locknut                           | 1       |                |
| 17      | R150477      | 57-4910                                                                                                                                        | Screw - Bedknife 5/16-18 x 1/2    | 7       |                |
| 18      | R10-4930     | 10-4930,<br>10-4930-01                                                                                                                         | Bed Bar                           | 1       |                |
| 22      | R65-8600     | 10-5040,<br>65-8600                                                                                                                            | Knob - Height Adjusting           | 2       |                |
| 23      | R27-2620     | Oct-40                                                                                                                                         | Shield - Grass Deflector          | 1       |                |
| 24      | R36-7190     | 36-7190                                                                                                                                        | Deflector - Grass                 | 1       |                |
| 25      | R253-61      | 253-61                                                                                                                                         | Seal - Oil Reel                   | 1       |                |
| 29      | R10-5010     | 10-5010                                                                                                                                        | Screw - Roller Adjustment         | 2       |                |
| 30      | R10-5100     | 10-5100                                                                                                                                        | Nut - Splined 1-1/8 Long          | 1       |                |
| 30      | R93-1394     | 93-1394                                                                                                                                        | Nut - Splined RH Thrd .812 Long   | 1       |                |
| 35      | R353-585     | 353-585,<br>353-587,<br>354-34,<br>72-4380,<br>75-1210,<br>75-1270,<br>92-8863,<br>92-8864                                                     | Seal - High Pressure - Reel Motor | 1       |                |

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## Replaces Toro Greensmaster 3000 Parts

*Brush Reel Unit - R&R Special*

*Brush Reel & Bedknife*



| Item No | R&R Part No.    | OEM Part No.                                                                                                                                 | Description                      | Qty Req | Order Quantity |
|---------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------|----------------|
| 36      | <b>R10-5060</b> | 10-5060                                                                                                                                      | Bracket - Roller Adj             | 2       |                |
| 37      | <b>R27-2650</b> | 27-2650                                                                                                                                      | Height Adjustment Assy           | 2       |                |
| 39      | <b>R3296-9</b>  | 32127-17,<br>3296-9                                                                                                                          | Locknut - Comb                   | 12      |                |
| 42      | <b>R315298</b>  | 217-74,<br>31-1070                                                                                                                           | Bolt - Bed Bar                   | 2       |                |
| 44      | <b>R354083</b>  | 104-7729,<br>354083                                                                                                                          | Decal - Danger                   | 1       |                |
| 47      | <b>R441674</b>  | 01-173-0514,<br>01-173-0516,<br>3-7253,<br>3230-5                                                                                            | Screw - 5/16-18 x 1-3/4 Carriage | 2       |                |
| 48      | <b>R453009</b>  | 01-166-0400,<br>24-10-BD,<br>24-9-AD,<br>32-9650,<br>3256-2,<br>3256-23,<br>3256-3,<br>3256-67,<br>3290-217,<br>3556-3,<br>4-2390,<br>7-0152 | Washer - Flat 5/16 SAE           | 6       |                |
| 49      | <b>R32153-3</b> | 119-4038,<br>22-12-AJFD,<br>32127-35,<br>32146-5,<br>32153-3,<br>3296-18,<br>3296-29,<br>3296-31,<br>N/A                                     | Locknut - 5/16-18 ESNA Zinc      | 2       |                |
| 50      | <b>R150425</b>  |                                                                                                                                              | Bolt - Hex HD 8-32 x 5/8         | 12      |                |
| 51      | <b>R150426</b>  | 3256-21                                                                                                                                      | Washer - 8 SAE                   | 12      |                |

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## Replaces Toro Greensmaster 3000 Parts

*Brush Reel Unit - R&R Special*

*Brush Reel & Bedknife*



| Item No | R&R Part No.     | OEM Part No.                                                                                   | Description                      | Qty Req | Order Quantity |
|---------|------------------|------------------------------------------------------------------------------------------------|----------------------------------|---------|----------------|
| 52      | <b>R70-1100</b>  | 36-7230,<br>70-1100,<br>70-1100-01                                                             | Frame                            | 1       |                |
| 53      | <b>R36-7260</b>  | 36-7260                                                                                        | Bar - Cut Off Grass Shield       | 1       |                |
| 54      | <b>R3256-14</b>  | 24-7-BD,<br>32125-2,<br>3256-14,<br>3256-51,<br>51-2170                                        | Washer - 10 Flat                 | 5       |                |
| 55      | <b>R32144-73</b> | 104-2065,<br>32144-73                                                                          | Screw - Machine Hex Washer Head  | 5       |                |
| 56      | <b>R285-14</b>   |                                                                                                | Plug - Pipe Frame                | 2       |                |
| 57      | <b>R3255-8</b>   | 3255-8                                                                                         | Washer - Lock 5/16 Ext           | 2       |                |
| 58      | <b>R3296-39</b>  | 32127-25,<br>32128-36,<br>3290-357,<br>3296-17,<br>3296-22,<br>3296-39,<br>915663P,<br>99-7443 | Locknut - 3/8-16 Nylon           | 2       |                |
| 59      | <b>R150485</b>   | 2410-30                                                                                        | Cap - Protective Bearing Housing | 1       |                |
| 60      | <b>R323-53</b>   | 323-53,<br>57-3210                                                                             | Bolt - Hex HD 3/8-16 x 1-3/4     | 4       |                |
| 60      | <b>R3290-316</b> | 3290-316,<br>57-3210                                                                           | Bolt - Hex Tap 3/8-16 x 1-1/2    | 4       |                |
| 61      | <b>R321-4</b>    | 01-150-1030,<br>01-178-0406,<br>20-3-AGD,<br>321-4,<br>3222-1                                  | Bolt - Hex HD 1/4-20 x 3/4       | 4       |                |
| 61      | <b>R321-5</b>    | 321-31,<br>321-5                                                                               | Bolt - Hex HD 1/4-20 x 7/8       | 2       |                |

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## Replaces Toro Greensmaster 3000 Parts

*Brush Reel Unit - R&R Special*

*Brush Reel & Bedknife*



| Item No | R&R Part No. | OEM Part No.                                                                                               | Description                 | Qty Req | Order Quantity |
|---------|--------------|------------------------------------------------------------------------------------------------------------|-----------------------------|---------|----------------|
| 62      | R32108-20    | 32108-20                                                                                                   | Screw - Flat HD Cntrsunk    | 2       |                |
| 63      | R322-5       | 01-178-0508,<br>20-26-AD,<br>20-26-AGD,<br>30-9000,<br>322-5,<br>513341,<br>519755,<br>908019P,<br>N/A     | Bolt - Hex HD 5/16-18 x 1   | 2       |                |
| 64      | R3255-9      | 3255-9                                                                                                     | Washer - Lock 3/8 Ext. Star | 4       |                |
| 65      | R3253-3      | 01-166-0070,<br>01-166-0410,<br>23-9-GD,<br>24-7150,<br>3253-3,<br>3256-1,<br>352-167                      | Washer - Lock 1/4           | 4       |                |
| 66      | R301504      | 2296-42,<br>301504,<br>32127-24,<br>32128-33,<br>32146-17,<br>3296-16,<br>3296-42,<br>3296-42 ,<br>915661P | Locknut - ESNA 1/4-20       | 2       |                |
| 67      | R3243-13     | 3243-13                                                                                                    | Screw - Bed Bar Adjusting   | 4       |                |
| 68      | R12-0460     | 12-0460                                                                                                    | Caplug - End Cap            | 1       |                |
| 69      | R323-2       | 01-178-0604,<br>323-2                                                                                      | Bolt - Hex HD 3/8-16 x 1    | 1       |                |
| 70      | R10-5080     | 10-5080,<br>10-5080-01                                                                                     | End - Cap Reel Brg Housing  | 1       |                |
| 71      | R10-5120     | 10-5120                                                                                                    | Housing - Bearing Reel      | 2       |                |

*Detail Description: Includes R253-96 & R254-72:*

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## Replaces Toro Greensmaster 3000 Parts

*Brush Reel Unit - R&R Special*

*Brush Reel & Bedknife*



| Item No | R&R Part No. | OEM Part No.                                                                                                     | Description                    | Qty Req | Order Quantity |
|---------|--------------|------------------------------------------------------------------------------------------------------------------|--------------------------------|---------|----------------|
| 72      | R302-40      | 302-13,<br>302-40                                                                                                | Fitting - Grease               | 1       |                |
| 73      | R3233-26     | 3233-26                                                                                                          | Bolt - Carriage 1/2-13 x 1-1/4 | 2       |                |
| 74      | R3253-7      | 01-166-0030,<br>01-166-0080,<br>01-166-0290,<br>01-166-0810,<br>23-13-GD,<br>3253-7,<br>48-9380                  | Washer - Lock 1/2              | 2       |                |
| 75      | R443118      | 01-188-0813,<br>22-15-AJD,<br>3217-9                                                                             | Nut - 1/2-13 Zinc              | 2       |                |
| 76      | R104-3399    | 104-3399                                                                                                         | Housing Assy - Bearing Reel    | 2       |                |
| 77      | R3290-125    | 3290-125                                                                                                         | Screw - Set 1/4-20 x 5/16      | 2       |                |
| 88      | R254-72      | 01-103-0050,<br>01-103-0120,<br>01-103-0140,<br>1-543508,<br>254-71,<br>254-72,<br>40439,<br>62-3340,<br>99-4511 | Cup - Bearing                  | 2       |                |
| 89      | R254-94      | 1-543509,<br>254-94,<br>32-8090,<br>32-8240,<br>32-9640,<br>40440,<br>62-3330                                    | Tapered Bearing Cone           | 2       |                |
| 90      | R94-2958     | 94-2958                                                                                                          | Stud - Alloy Ball Joint        | 2       |                |

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Brush Reel Unit - R&R Special

Brush Reel & Bedknife



| Item No                                                                                                                                                                                 | R&R Part No. | OEM Part No.                                                                                           | Description                       | Qty Req | Order Quantity |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------|-----------------------------------|---------|----------------|
| 91                                                                                                                                                                                      | R3254-6      | 01-166-0010,<br>01-166-0280,<br>01-166-0610,<br>3253-5,<br>3254-18,<br>3254-6,<br>3290-223,<br>48-9370 | Washer - Lock 3/8                 | 2       |                |
| 92                                                                                                                                                                                      | R256-116     | 256-116                                                                                                | Bushing - Flanged                 | 4       |                |
| 93                                                                                                                                                                                      | R21-6540     | 21-6540                                                                                                | Roller - Grooved Repairable Steel | 1       |                |
| <i>Detail Description: Constructed with greasable "water-pump" style bearings, this roller can be repaired by unscrewing the ends and replacing the series of washers and spacers.:</i> |              |                                                                                                        |                                   |         |                |
| 94                                                                                                                                                                                      | R52-3180     | 21-6410,<br>52-3180                                                                                    | Bearing - Front Roller            | 2       |                |
| 95                                                                                                                                                                                      | R21-8450     | 21-8450                                                                                                | Roller - Smooth Tubular Steel     | 1       |                |
| <i>Detail Description: Constructed with greasable "water-pump" style bearings. :</i>                                                                                                    |              |                                                                                                        |                                   |         |                |
| 96                                                                                                                                                                                      | R21-8430     | 21-8430                                                                                                | Bearing - Roller                  | 2       |                |

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