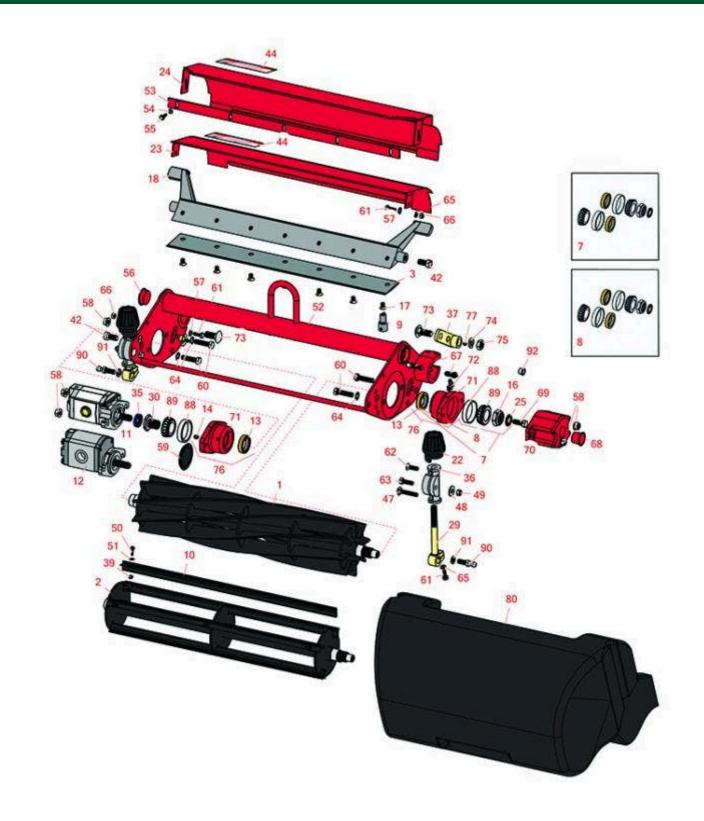


Replaces Toro Greensmaster 3100 Parts

Traction Unit Reel & Bedknife





R&R Products	Replaces Toro Greensmaster 3100 Parts Traction Unit Reel & Bedknife		
ltem R&R	OEM	Otv	Order

tem	R&R	OEM		Qty	Orde
No	Part No.	Part No.	Description	Req	Quantit
&R	Reels, Lifetime G	uaranteed			
1	R5-3200		Reel - 4 Blade	1	
	steel, heat-treated precision cylindri performance. Add our lifetime guard	d to perfectly complement bo cal grinding on bearing surface vanced computer balancing e	y crafted from premium high carbon-bord th R&R and OEM bedknives. Each reel und ces, followed by relief grinding for optimal nsures extended reel and bearing life. Bac rials and craftsmanship under normal use precision you can trust.:	ergoes ked by	
1	R5-3205	12-0729	Reel - 5 Blade	1	
	steel, heat-treated precision cylindri performance. Add our lifetime guard	d to perfectly complement bo cal grinding on bearing surface vanced computer balancing e	y crafted from premium high carbon-bord th R&R and OEM bedknives. Each reel und ces, followed by relief grinding for optimal nsures extended reel and bearing life. Bac rials and craftsmanship under normal use precision you can trust.:	lergoes ked by	
1	R5-3215		Reel - 5 Blade Heavy Duty	1	
	steel, heat-treated precision cylindri performance. Ad our lifetime guard	d to perfectly complement bo cal grinding on bearing surface vanced computer balancing e	y crafted from premium high carbon-bord th R&R and OEM bedknives. Each reel und ces, followed by relief grinding for optimal nsures extended reel and bearing life. Bac rials and craftsmanship under normal use precision you can trust.:	ergoes ked by	
1	R14-0659	14-0659, 57-5300	Reel - 5 Blade Heavy Duty	1	
	steel, heat-treated precision cylindri performance. Adv our lifetime guard	d to perfectly complement bo cal grinding on bearing surface vanced computer balancing e	y crafted from premium high carbon-bord th R&R and OEM bedknives. Each reel und ces, followed by relief grinding for optimal nsures extended reel and bearing life. Bac rials and craftsmanship under normal use precision you can trust.:	ergoes ked by	
1	R5-3206		Reel - 6 Blade	1	

			Replaces To Traction Unit Reel & Bedknife	roducts
Order	Qty		OEM	em R&R
Quantity	on Req	0.	Part No	No Part No.
		s are expertly craften plement both R&R	Part No ription: R&R Reel blades treated to perfectly com	No Part No. Detail Descri _j steel, heat-tro

12-3599, 1 **R5-3189** 130-6469, Reel - 8 Blade 1 5-3189

our lifetime guarantee against defects in materials and craftsmanship under normal use, R&R

Reels deliver unmatched durability and cutting precision you can trust.:

Detail Description: R&R Reel blades are expertly crafted from premium high carbon-boron alloy steel, heat-treated to perfectly complement both R&R and OEM bedknives. Each reel undergoes precision cylindrical grinding on bearing surfaces, followed by relief grinding for optimal performance. Advanced computer balancing ensures extended reel and bearing life. Backed by our lifetime guarantee against defects in materials and craftsmanship under normal use, R&R Reels deliver unmatched durability and cutting precision you can trust.:

1	R14-0649	14-0649	Reel - 8 Blade Heavy Duty	1
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Detail Description: R&R Reel blades are expertly crafted from premium high carbon-boron alloy steel, heat-treated to perfectly complement both R&R and OEM bedknives. Each reel undergoes precision cylindrical grinding on bearing surfaces, followed by relief grinding for optimal performance. Advanced computer balancing ensures extended reel and bearing life. Backed by our lifetime guarantee against defects in materials and craftsmanship under normal use, R&R Reels deliver unmatched durability and cutting precision you can trust.:

1 **R5-3189H**

Reel - 8 Blade Heavy Duty 1

1

Reel - 9 Blade

Detail Description: R&R Reel blades are expertly crafted from premium high carbon-boron alloy steel, heat-treated to perfectly complement both R&R and OEM bedknives. Each reel undergoes precision cylindrical grinding on bearing surfaces, followed by relief grinding for optimal performance. Advanced computer balancing ensures extended reel and bearing life. Backed by our lifetime guarantee against defects in materials and craftsmanship under normal use, R&R Reels deliver unmatched durability and cutting precision you can trust.:

1 **R5-3195**

Detail Description: R&R Reel blades are expertly crafted from premium high carbon-boron alloy steel, heat-treated to perfectly complement both R&R and OEM bedknives. Each reel undergoes precision cylindrical grinding on bearing surfaces, followed by relief grinding for optimal performance. Advanced computer balancing ensures extended reel and bearing life. Backed by our lifetime guarantee against defects in materials and craftsmanship under normal use, R&R Reels deliver unmatched durability and cutting precision you can trust.:

R&R Products	Replaces Toro Greensmaster 3100 Parts Traction Unit	
	Reel & Bedknife	

ltem R&R	OEM	Description	Qty Order
No Part No.	Part No.		Req Quantity
1 R12-2789	12-2789, 130-6470	Reel - 11 Blade	1

Detail Description: R&R Reel blades are manufactured from high carbon-boron alloy steel and then hardened to RC46-49 to match the temper of our bedknives and original equipment bedknives. All R&R Reels are cylindrically ground on bearing surfaces and then relief ground. Reels are then precision computer balanced for extended bearing and reel life. R&R Products Reels are guaranteed against defects in material and workmanship for the life of the reel under normal use.:

1 **R150760**

Reel - 14 Blade

Brush Reel

1

1

Detail Description: R&R Reel blades are expertly crafted from premium high carbon-boron alloy steel, heat-treated to perfectly complement both R&R and OEM bedknives. Each reel undergoes precision cylindrical grinding on bearing surfaces, followed by relief grinding for optimal performance. Advanced computer balancing ensures extended reel and bearing life. Backed by our lifetime guarantee against defects in materials and craftsmanship under normal use, R&R Reels deliver unmatched durability and cutting precision you can trust.:

2 **R150480**

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.
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	R150462	63-8610, 94-6396	Bedknife - 7 Hole Thick 5/16	1
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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.:

R&R Products	Replaces Toro Greensmaster 3100 Parts Traction Unit Reel & Bedknife	

	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
3	R93-4262	65-8250, 93-4262, 93-4263	Bedknife - Micro Cut .062 - .187 HOC	1	

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.:

3	R94-6394	51-2610, 63-8550, 94-6394	Bedknife - Tournament 1/8-1/2 HOC	1
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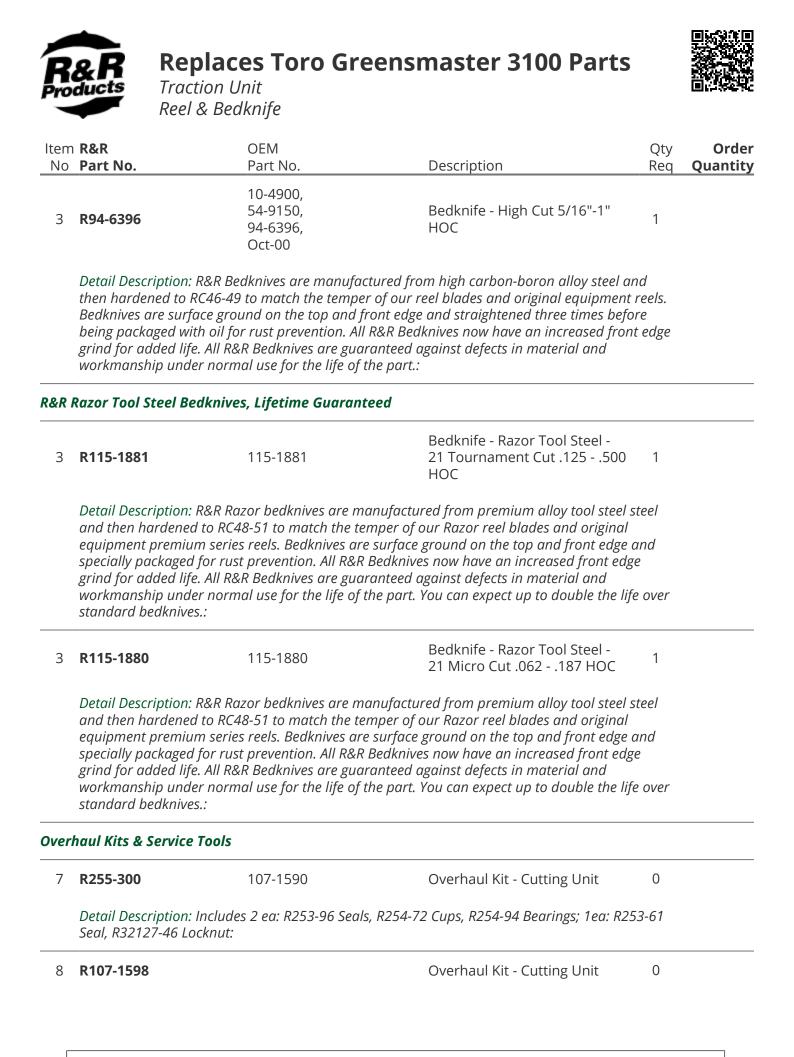
Detail Description: R&R Bedknives are manufactured from high carbon-boron alloy steel and then hardened to RC46-49 to match the temper of our reel blades and original equipment reels. Bedknives are surface ground on the top and front edge and straightened three times before being packaged with oil for 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.:

3	R63-8610	63-8610	Bedknife - Fairway Cut .375 - 1.00 HOC	1
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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.:

3 R94-6395	17-7040, 19-8880, 62-2510, 63-8500, 94-6395	Bedknife - Low Cut 3/16"-1" HOC	1	
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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.:



R&R Products	Replaces Toro Greensmaster 3100 Parts Traction Unit Reel & Bedknife	
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	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
		Includes 2 ea.: R104-3388 Sea R32127-46 Locknut:	als, R254-72 Bearing Cups & R254-94 Beai	rings; 1	
9	R51-0880	51-0880	Bedknife Screw Driver Tool	0	
		Easily install and remove bed actured with hardened alloy st	knife screws with the help of a ratchet wi eel.:	th 3/8"	
Othe	r Parts Available				
10	R150481		Brush Assy - Brush Reel	4	
11	R105-9770	10-5090, 105-9770, 26-5690, 70-9800, 94-3506, 94-3507	Hydraulic Motor - Reel Quick Release	1	
	Tech Note: Fits Mod	dels 3000,3050 & 3100:			
12	R120-2072	100-6426, 108-6487, 112-9200, 120-2072, 93-1375	Hydraulic Gear Motor	1	
	Tech Note: Fits Mod	dels 3150 & 3250-D:			
13	R253-96	253-96	Seal - Oil Single Lip Reel	2	
13	R104-3388	104-3388	Seal - Double Lip Bearing Housing	2	

R&R
Products

Item R&R

Replaces Toro Greensmaster 3100 Parts



Order

Qty

Traction Unit Reel & Bedknife

OEM

	Rock Dout No		Description	Qty	Order
INO	Part No.	Part No.	Description	Req	Quantity
14	R302-5	21-6010, 302-11, 302-37, 302-47, 302-5, 302-57, 302-58, 302-6, 31-0300, 32-9660, 60-0800, 62-3880, 92-4181	Fitting - Grease	6	
16	R32127-46	32127-46, 3296-60	Locknut	1	
17	R150475	3-6462	Screw - Bedknife Stainless 5/16-18 x 5/8	7	
	Detail Description: Pre	e-Packaged in bags of 50:			
17	R150476	3-3816, 3-6462, 57-4910	Screw - Bedknife 5/16-18 x 5/8	7	
17	R150477	57-4910	Screw - Bedknife 5/16-18 x 1/2	7	
18	R10-4930	10-4930, 10-4930-01	Bed Bar		
22	R65-8600	10-5040, 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	R77-0560	77-0560	Nut - Splined Fits Groomer	1	



Replaces Toro Greensmaster 3100 Parts



Traction Unit Reel & Bedknife

	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
30	R93-1394	93-1394	Nut - Splined RH Thrd .812 Long	1	
35	R353-585	353-585, 353-587, 354-34, 72-4380, 75-1210, 75-1270, 92-8863, 92-8864	Seal - High Pressure - Reel Motor	1	
36	R10-5060	10-5060	Bracket - Roller Adj	2	
37	R27-2650	27-2650	Height Adjustment Assy	2	
39	R3296-9	32127-17, 3296-9	Locknut - Comb	12	
42	R315298	217-74, 31-1070	Bolt - Bed Bar	2	
44	R354083	104-7729, 354083	Decal - Danger	1	
47	R441674	01-173-0514, 01-173-0516, 3-7253, 3230-5	Screw - 5/16-18 x 1-3/4 Carriage	2	
48	R453009	01-166-0400, 24-10-BD, 24-9-AD, 32-9650, 3256-2, 3256-23, 3256-3, 3256-67, 3290-217, 3556-3, 4-2390, 7-0152	Washer - Flat 5/16 SAE	6	
48	R310266	3256-23, 3256-3, 3556-3	Washer - Flat 5/16 USS	2	







Traction Unit Reel & Bedknife

	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
49	R32153-3	119-4038, 22-12-AJFD, 32127-35, 32146-5, 32153-3, 3296-18, 3296-29, 3296-31, N/A	Locknut - 5/16-18 ESNA Zinc	2	
49	R3296-29	1-804256, 3290-357, 3296-29, 915662P	Locknut - 5/16-18 ESNA	2	
50	R150425		Bolt - Hex HD 8-32 x 5/8	12	
51	R150426	3256-21	Washer - 8 SAE	12	
52	R70-1100	36-7230, 70-1100, 70-1100-01	Frame	1	
53	R36-7260	36-7260	Bar - Cut Off Grass Shield	1	
54	R3256-14	24-7-BD, 32125-2, 3256-14, 3256-51, 51-2170	Washer - 10 Flat	5	
55	R3290-237	3290-237	Screw - Hx Washer HD 10-24	5	
55	R32144-73	104-2065, 32144-73	Screw - Machine Hex Washer Head	5	
56	R285-14		Plug - Pipe Frame	2	
57	R3255-8	3255-8	Washer - Lock 5/16 Ext	2	



Replaces Toro Greensmaster 3100 Parts



Traction Unit Reel & Bedknife

	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
58	R3296-39	32127-25, 32128-36, 3290-357, 3296-17, 3296-22, 3296-39, 915663P, 99-7443	Locknut - 3/8-16 Nylon	2	
59	R150485	2410-30	Cap - Protective Bearing Housing	1	
60	R3290-316	3290-316, 57-3210	Bolt - Hex Tap 3/8-16 x 1-1/2	4	
60	R323-53	323-53, 57-3210	Bolt - Hex HD 3/8-16 x 1-3/4	4	
61	R321-4	01-150-1030, 01-178-0406, 20-3-AGD, 321-4, 3222-1	Bolt - Hex HD 1/4-20 x 3/4	4	
61	R321-5	321-31, 321-5	Bolt - Hex HD 1/4-20 x 7/8	2	
62	R32108-20	32108-20	Screw - Flat HD Cntrsunk	2	
63	R322-5	01-178-0508, 20-26-AD, 20-26-AGD, 30-9000, 322-5, 513341, 519755, 908019P, N/A	Bolt - Hex HD 5/16-18 x 1	2	
64	R3255-9	3255-9	Washer - Lock 3/8 Ext. Star	4	







Traction Unit Reel & Bedknife

	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
65	R3253-3	01-166-0070, 01-166-0410, 23-9-GD, 24-7150, 3253-3, 3256-1, 352-167	Washer - Lock 1/4	4	
66	R443102	01-188-0420, 22-11-AJD, 3217-5, 33024-00	Nut - 1/4-20 Yellow Zinc	2	
66	R301504	2296-42, 301504, 32127-24, 32128-33, 32146-17, 3296-16, 3296-42, 3296-42, 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, 323-2	Bolt - Hex HD 3/8-16 x 1	1	
70	R10-5080	10-5080, 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:			
72	R302-40	302-13, 302-40	Fitting - Grease	2	
72	R700414	302-11, 302-19, 302-4, 32-8170	Zerk - Grease 1/4-28 45 Deg	2	





Traction Unit Reel & Bedknife

	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
73	R325-5	01-150-0250, 01-178-0810, 19-8000, 20-86-AGD, 3226-1, 325-5, 513375	Bolt - Hex HD 1/2-13 x 1-1/4	2	
73	R3233-26	3233-26	Bolt - Carriage 1/2-13 x 1-1/4	2	
74	R3253-7	01-166-0030, 01-166-0080, 01-166-0290, 01-166-0810, 23-13-GD, 3253-7, 48-9380	Washer - Lock 1/2	2	
75	R443118	01-188-0813, 22-15-AJD, 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	
80	R36-7250	22-7070, 36-7250, 37-8130, Oct-30	Grass Basket	3	

Detail Description:
Please note: Due to excessive air freight charges, this item will be shipped ground freight.:

88 R254-72	01-103-0050, 01-103-0120, 01-103-0140, 1-543508, 254-71, 254-72, 40439, 62-3340, 99-4511	Cup - Bearing	2
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Replaces Toro Greensmaster 3100 Parts



Traction Unit Reel & Bedknife

	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
89	R254-94	1-543509, 254-94, 32-8090, 32-8240, 32-9640, 40440, 62-3330	Tapered Bearing Cone	2	
90	R94-2958	94-2958	Stud - Alloy Ball Joint	2	
91	R3254-6	01-166-0010, 01-166-0280, 01-166-0610, 3253-5, 3254-18, 3254-6, 3290-223, 48-9370	Washer - Lock 3/8	2	
92	R256-116	256-116	Bushing - Flanged	4	