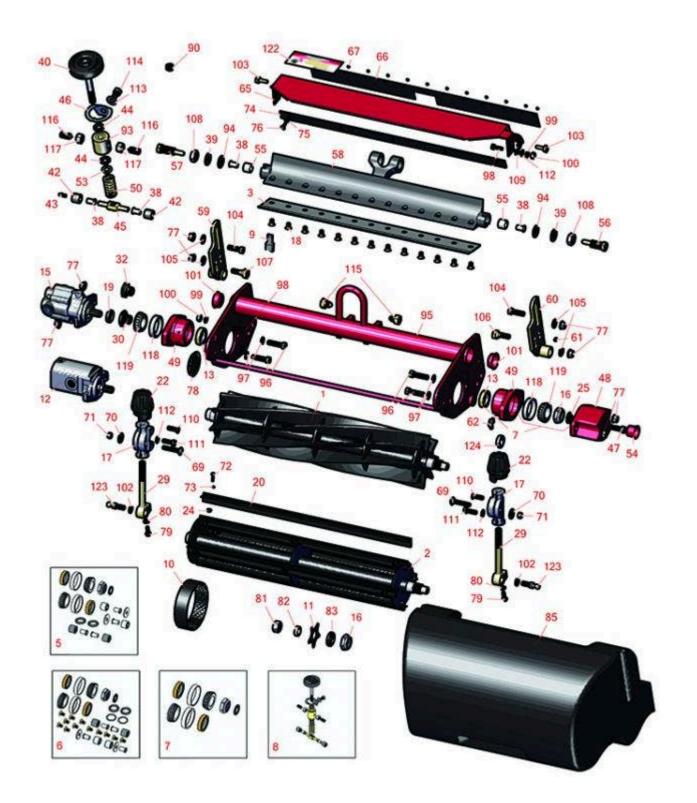


SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife





SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



	R&R Part No.	OEM Part No.	Description	Qty Orde Req Quantit		
&R	Reels, Lifetime Gu	aranteed				
1	R150760		Reel - 14 Blade	1		
	steel, heat-treated precision cylindric performance. Adv our lifetime guara	to perfectly complement bo al grinding on bearing surfo anced computer balancing e	tly crafted from premium high carbon oth R&R and OEM bedknives. Each rea aces, followed by relief grinding for op ensures extended reel and bearing lif erials and craftsmanship under norm g precision you can trust.:	el undergoes otimal fe. Backed by		
1	R12-2789	12-2789, 130-6470	Reel - 11 Blade	1		
	then hardened to bedknives. All R&R Reels are then pre	RC46-49 to match the temp Reels are cylindrically grou cision computer balanced fo	factured from high carbon-boron allo er of our bedknives and original equi nd on bearing surfaces and then relic or extended bearing and reel life. R&I rial and workmanship for the life of th	ipment ef ground. R Products		
1	R5-3195		Reel - 9 Blade	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.:					
1	R5-3189	12-3599, 130-6469, 5-3189	Reel - 8 Blade	1		
1	Detail Description steel, heat-treated precision cylindric performance. Adv our lifetime guara	130-6469, 5-3189 R&R Reel blades are expert to perfectly complement bo al grinding on bearing surfo anced computer balancing o	tly crafted from premium high carbon oth R&R and OEM bedknives. Each ree aces, followed by relief grinding for op ensures extended reel and bearing lif erials and craftsmanship under norm	n-boron alloy el undergoes otimal e. Backed by		



ltem R&R	OEM		Qty	Order
No Part No.	Part No.	Description	Req	Quantity

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 R5-3206 Reel - 6 Blade 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.: Reel - 5 Blade R5-3205 12-0729 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.: 1 R5-3215 Reel - 5 Blade Heavy Duty 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.: R5-3200 Reel - 4 Blade 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

All original equipment manufacturers names and part numbers are used for identification purposes only, and we are in no way implying that our products are original equipment parts. Prices subject to change without notice.

precision cylindrical grinding on bearing surfaces, followed by relief grinding for optimal performance. Advanced computer balancing ensures extended reel and bearing life. Backed by

2 **R150480**

our lifetime guarantee against defects in materials and craftsmanship under normal use, R&R Reels deliver unmatched durability and cutting precision you can trust.:

Brush Reel

1



ltem R&R	OEM		Qty	Order
No Part No.	Part No.	Description	Req	Quantity

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	R150466	63-8600, 64-6393, 94-6393	Bedknife - Super Thick .312 - 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	R94-6392	62-2500, 94-6392	Bedknife - High Cut .312 - 1.00 HOC	1
3	R94-6392			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 R93-4264 57-4960, 3	Bedknife - Low Cut .187 - 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.:



	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
3	R93-4263	63-8560, 66-9320, 93-4263, 93-6039	Bedknife - Tournament Cut .125500 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	R93-4262	65-8250, 93-4262, 93-4263	Bedknife - Micro Cut .062187 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
 R94-6396
 10-4900,

 3
 For the set of the set

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 Razor Tool Steel Bedknives

3 **R115-1881**

115-1881

Bedknife - Razor Tool Steel - 21 Tournament Cut .125 - .500 HOC

1



Item	R&R	OEM		Qty	Order
No	Part No.	Part No.	Description	Req	Quantity
	and then harden equipment premi	ed to RC48-51 to match the t ium series reels. Bedknives a	nanufactured from premium alloy emper of our Razor reel blades an re surface ground on the top and f	d original ront edge and	
	grind for added l	ife. All R&R Bedknives are gu der normal use for the life oj	R Bedknives now have an increased aranteed against defects in materia ^f the part. You can expect up to do	al and	

R115-1880 3 115-1880 Bedknife - Razor Tool Steel - 21 1 Micro Cut .062 - .187 HOC

Detail Description: R&R Razor bedknives are manufactured from premium alloy tool steel steel and then hardened to RC48-51 to match the temper of our Razor reel blades and original equipment premium series reels. Bedknives are surface ground on the top and front edge and specially packaged 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. You can expect up to double the life over standard bedknives.:

Overhaul Kits & Service Tools

5	R255-310		Overhaul Kit - Cutting Unit	0
	R254-72 Cups, R2		ıshings; 2 ea: R237-77 O-Rings, R253-96 Sea /ashers, R57-5280 Bearings, R62-5510 Bushi 127-46 Locknut:	
6	R13-3659	13-3659	Overhaul Kit - Cutting Unit	0
	rings, R253-96 Sec	als, R254-72 Bearing Cups, R	crews; 4 ea.: R52-2890 Bushings; 2 ea.: R237 2254-94 Bearings, R52-2900 Washers, R57-52 ings; 1 ea.: R253-61 Seal & R32127-46 Lockn	280
7	R107-1590		Overhaul Kit - Cutting Unit	0
		: Includes 2 ea.: R253-96 Sec 32127-46 Locknut:	als, R254-72 Bearing Cups, R254-94 Bearings	s; 1 ea.:
8	R255-311		Kit - Micro Adjusting	0
	Bushing, R77-035	0 Retainer; 1 ea: R187-0 Was	t, R52-2890 Bushing, R57-5190 Screw, R62-5 sher, R257-5 Washer, R52-2990 Bolt, R57-52 300 Handle, R77-0330 Housing:	
9	R51-0880	51-0880	Bedknife Screw Driver Tool	0



Order

Qty

OEM

Item R&R

No	Part No.	Part No.	Description	Req	Quantity
		Easily install and remove be actured with hardened alloy	ed knife screws with the help of a ratchet with steel.:	th 3/8"	
Belts					
10	R65-9700	65-9700	Belt - Groomer	1	
Rotai	ry Blades				
11	R70-1170	70-1170	Verti-Cut Blade - 2-3/8 w/7/8 Hex	41	
11	R110-2393	110-2393	Verti-Cut Blade - 2-3/8 w/7/8 Hex Carbide Tipped	41	
Othe	r Parts Available				
12	R120-2072	100-6426, 108-6487, 112-9200, 120-2072, 93-1375	Hydraulic Gear Motor	1	
	Tech Note: Fits Mo	dels 3150 & 3250-D:			
13	R253-96	253-96	Seal - Oil Single Lip Reel	2	
15	R105-9770	10-5090, 105-9770, 26-5690, 70-9800, 94-3506, 94-3507	Hydraulic Motor - Reel Quick Release	1	
	Tech Note: Fits Mo	dels 3000 & 3050:			
16	R32127-46	32127-46, 3296-60	Locknut	1	
17	R10-5060	10-5060	Bracket - Roller Adj	2	
17	R65-9490	65-9490	Bracket - HOC Fits Groomer	2	
18	R150477	57-4910	Screw - Bedknife 5/16-18 x 1/2	13	



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
18	R150476	3-3816, 3-6462, 57-4910	Screw - Bedknife 5/16-18 x 5/8	13	
19	R353-585	353-585, 353-587, 354-34, 72-4380, 75-1210, 75-1270, 92-8863, 92-8864	Seal - High Pressure - Reel Motor	1	
20	R150481		Brush Assy - Brush Reel	4	
22	R65-8600	10-5040, 65-8600	Knob - Height Adjusting	2	
24	R3296-9	32127-17, 3296-9	Locknut - Comb	12	
25	R253-61	253-61	Seal - Oil Reel	1	
29	R10-5010	10-5010	Screw - Roller Adjustment	2	
29	R65-9500	65-9500	Screw - Roller Adjusting - High Cut	2	
30	R77-0560	77-0560	Nut - Splined Fits Groomer	1	
	Tech Note: Ser# 50001-6	9999:			
31	R93-1394	93-1394	Nut - Splined RH Thrd .812 Long	1	
	Tech Note: Ser# 60001-6	9999:			
38	R52-2890	52-2890	Bushing - Flanged	4	
39	R52-2900	52-2900	Washer - Nylon	2	
40	R77-0300	77-0300, 77-0300-01	Handle Assy	1	



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
42	R62-5510	52-2870, 62-5510	Bushing	4	
43	R302-18	302-18	Zerk - Grease Press Style	2	
44	R77-0350	77-0350	Retainer - Bearing	2	
45	R57-5260	107-7409, 57-5260	Pivot - 1/2-20 - Bed Bar	1	
46	R66-7220	66-7220	Arm - Spring Handle Assy	1	
47	R323-2	01-178-0604, 323-2	Bolt - Hex HD 3/8-16 x 1	1	
48	R10-5080	10-5080, 10-5080-01	End - Cap Reel Brg Housing	1	
49	R10-5120	10-5120	Housing - Bearing Reel	2	
	Detail Description: Inclua	les R253-96 & R254-72:			
50	R66-7230	66-7230	Spring - Compression	1	
53	R257-5	257-5	Washer - Thrust	2	
54	R12-0460	12-0460	Caplug - End Cap	1	
55	R63-9510	63-9480, 63-9510	Bushing - Rubber For Bed Bar	2	
56	R52-2910	52-2910	Bolt - Eccentric Bed Bar	1	
57	R52-2930	52-2930	Bolt - Bed Bar	1	
58	R57-4940	52-2780, 57-4940, 57-4940-01	Bed Bar - 13 Hole	1	
59	R52-3060	52-3060, 77-1060, 99-5653	Bracket - RH Rear Roller	1	



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
60	R52-3090	52-3090, 77-1080, 99-5654	Bracket - LH Rear Roller	1	
61	R415521	32-113-AHNC, 32137-1, 3246-2, 909862P	Screw - Set - 5/16-18 x 3/8	2	
62	R302-40	302-13, 302-40	Fitting - Grease	1	
62	R700414	302-11, 302-19, 302-4, 32-8170	Zerk - Grease 1/4-28 45 Deg	2	
65	R57-5200	57-5200	Shield - Grass	1	
66	R57-5210	57-5210	Deflector - Styrene	1	
67	R3295-46	3295-46	Tube - Rivet Smi Grass Shield	13	
69	R441674	01-173-0514, 01-173-0516, 3-7253, 3230-5	Screw - 5/16-18 x 1-3/4 Carriage	2	
70	R310266	3256-23, 3256-3, 3556-3	Washer - Flat 5/16 USS	2	
70	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	2	



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



ltem R&R No Part No.	OEM Part No.	Description	Qty Req	Order Quantity
71 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	
71 R3296-29	1-804256, 3290-357, 3296-29, 915662P	Locknut - 5/16-18 ESNA	2	
71 R445795	30-4020, 32128-25	Nut - 5/16-18 Flanged	2	
72 R150425		Bolt - Hex HD 8-32 x 5/8	12	
73 R150426	3256-21	Washer - 8 SAE	12	
74 R36-7260	36-7260	Bar - Cut Off Grass Shield	1	
75 R3256-14	24-7-BD, 32125-2, 3256-14, 3256-51, 51-2170	Washer - 10 Flat	5	
76 R32144-73	104-2065, 32144-73	Screw - Machine Hex Washer Head	5	
77 R3296-39	32127-25, 32128-36, 3290-357, 3296-17, 3296-22, 3296-39, 915663P, 99-7443	Locknut - 3/8-16 Nylon	2	
78 R150485	2410-30	Cap - Protective Bearing Housing	1	



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



	R&R Part No.	OEM Part No.	Description	Qty Req	Order Quantity
79	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	
80	R3253-3	01-166-0070, 01-166-0410, 23-9-GD, 24-7150, 3253-3, 3256-1, 352-167	Washer - Lock 1/4	4	
81	R3296-62	3296-62	Locknut - 1/2-20 LH Jam	1	
82	R251-327	251-327	Bearing - Groomer Reel	2	
83	R70-1350	70-1350	Spacer - 1/4 Fits Groomer Shaft	84	
85	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.:*

90 R65-9940	65-9940	Spring	1
93 R77-0330	77-0330	Housing - Pivot Spa	1
94 R52-2860	119-4150, 52-2860	Washer - Bed Bar Pivot	1
95 R70-1200	70-1200	Frame - Single Point Adj.	1
96 R3290-316	3290-316, 57-3210	Bolt - Hex Tap 3/8-16 x 1-1/2	4
97 R3255-9	3255-9	Washer - Lock 3/8 Ext. Star	4
98 R321-5	321-31, 321-5	Bolt - Hex HD 1/4-20 x 7/8	2



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



ltem R&R No Part No.	OEM Part No.	Description	Qty Req	Order Quantity
99 R3256-22	24-9-BD, 3-1032, 3256-1, 3256-22, 93-0954, 93-0989	Washer - Flat 1/4 Yellow	4	
100 R301504	2296-42, 301504, 32127-24, 32128-33, 32146-17, 3296-16, 3296-42, 3296-42, 915661P	Locknut - ESNA 1/4-20	2	
101 R285-14		Plug - Pipe Frame	2	
102 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	
103 R57-9910	57-9910	Bolt - Pivot	2	
104 R400264	01-150-0180, 01-178-0610, 20-48-AD, 20-48-AGD, 32-9160, 3224-3, 323-29, 323-7, 400264, 908035P	Bolt - Hex HD 3/8-16 x 1-1/4	2	



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



ltem R&R No Part No.	OEM Part No.	Description	Qty Req	Order Quantity
105 R453011	01-166-0100, 01-166-0120, 01-166-0270, 01-166-0500, 01-166-0620, 132-4593, 2356-3, 237-12, 24-10-AD, 24-11-AD, 24-11-BD, 24-12-AD, 24-12-BD, 30-9310, 32-8190, 3256-24, 3256-3, 3256-3, 3256-3, 3256-4, 453011, 47-9950, 48-9220, 513458, 7-0052	Washer - Flat 3/8 SAE Y/Zinc	4	
106 R52-3100	52-3100	Bolt - Eccentric Shoulder LH	1	
107 R52-3110	52-3110	Bolt - Shoulder HOC RH	1	
108 R443828	01-191-1018, 3214, 3220-6, 443828, 915089P	Nut - 5/8-18 Hex	2	
109 R237-84	237-84	Grommet - Rubber	2	
110 R32108-20	32108-20	Screw - Flat HD Cntrsunk	2	



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



ltem R&R No Part No.	OEM Part No.	Description	Qty Req	Order Quantity
111 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	
112 R3255-8	3255-8	Washer - Lock 5/16 Ext	2	
112 R3253-4	01-166-0110, 01-166-0510, 23-10-GD, 24-7170, 30-8520, 3253-4, 48-9350, 48-9350, 48-9570, 68-9420, 99-7577	Washer - Lock 5/16 Zinc	0	
113 R187-0	3256-25, 7-0032	Washer - Flat 7/16 SAE	1	
114 R52-2990	324-25, 52-2990	Bolt - Spring Retainer	1	
115 R66-7240	66-7240	Bolt - Single Point Adjust.	2	
116 R57-5190	32110-19, 57-5190	Screw - Adjusting	2	
117 R443818	01-191-0813, 3218-18, 3218-5	Nut - 1/2-13 Hex Jam Zinc	2	



SPA Cutting Unit - Models 04460 & 04465 Reel & Bedknife



ltem R&R No Part No.	OEM Part No.	Description	Qty Order Req Quantity
118 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
119 R254-94	1-543509, 254-94, 32-8090, 32-8240, 32-9640, 40440, 62-3330	Tapered Bearing Cone	2
122 R354083	104-7729, 354083	Decal - Danger	1
123 R94-2958	94-2958	Stud - Alloy Ball Joint	2
124 R251-328	251-328	Bearing - Groomer	2