

PDC3A-1
NEW STYLE

WARNING LABEL IDENTIFICATION



FAILURE TO OBSERVE THE FOLLOWING WARNINGS COULD RESULT IN INJURY.

	WARNING Always wear eye protection when operating or performing maintenance on this tool.
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	WARNING Always wear hearing protection when operating this tool.
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	WARNING Always turn off the air supply and disconnect the air supply hose before installing, removing or adjusting any accessory on this tool, or before performing any maintenance on this tool.
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	WARNING Air powered tools can vibrate in use. Vibration, repetitive motions or uncomfortable positions may be harmful to your hands and arms. Stop using any tool if discomfort, tingling feeling or pain occurs. Seek medical advice before resuming use.
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	WARNING Do not carry the tool by the hose.
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	WARNING Do not use damaged, frayed or deteriorated air hoses and fittings.
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	WARNING Keep body stance balanced and firm. Do not overreach when operating this tool.
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	WARNING Operate at 40 psig (2.8 bar/276 kPa) Maximum air pressure.
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PLACING TOOL IN SERVICE

LUBRICATION



- Motor
N-C Carver Lube Oil
- Clipper Head
N-C Carver Spray Lube

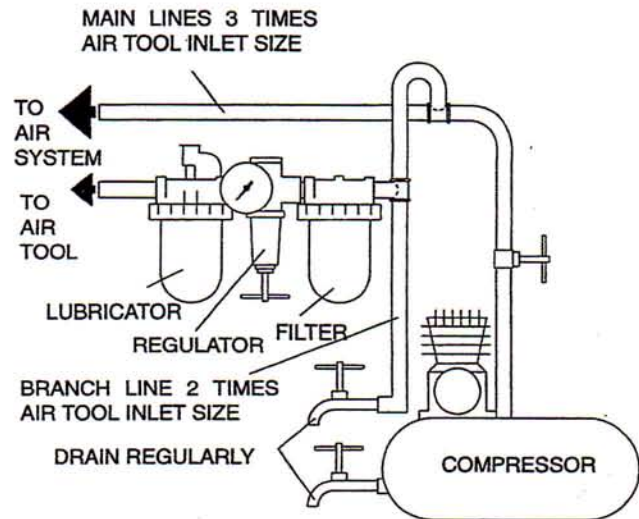
Always use an air line lubricator with these tools. We recommend the following Filter-Lubricator-Regulator Unit:
N-C Mini-Kit Lubricator with pneumatic water liquidator.

NOTICE

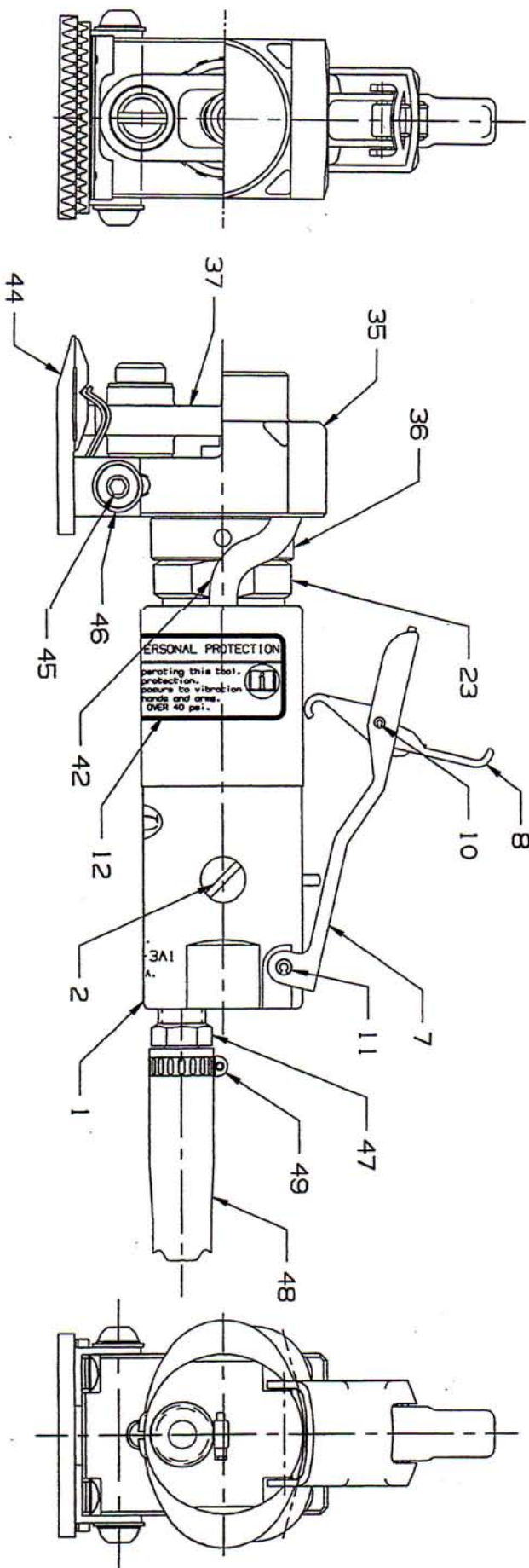
The Model PDC-3A1 Rug Carver must have a water trap, air regulator and in-line lubricator in the air supply system with the in-line lubricator nearest the tool and the water trap nearest the compressor.

A 2 hp (1.49 KW) compressor set at a maximum ⁶⁰ 40 psig (2.8 bar/276 kPa) will operate one Model PDC-3A1 Rug Carver. The distance of the tool from the compressor will influence the air pressure setting required to operate the tool efficiently. Under normal conditions, a setting of 35 to ⁶⁰ 40 psig (2.41 to 2.76 bar/241 to 276 kPa) will provide satisfactory operation.

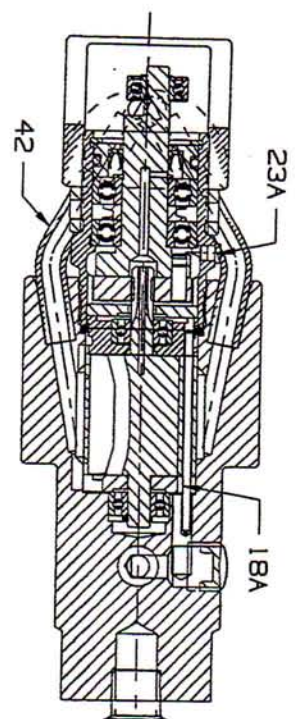
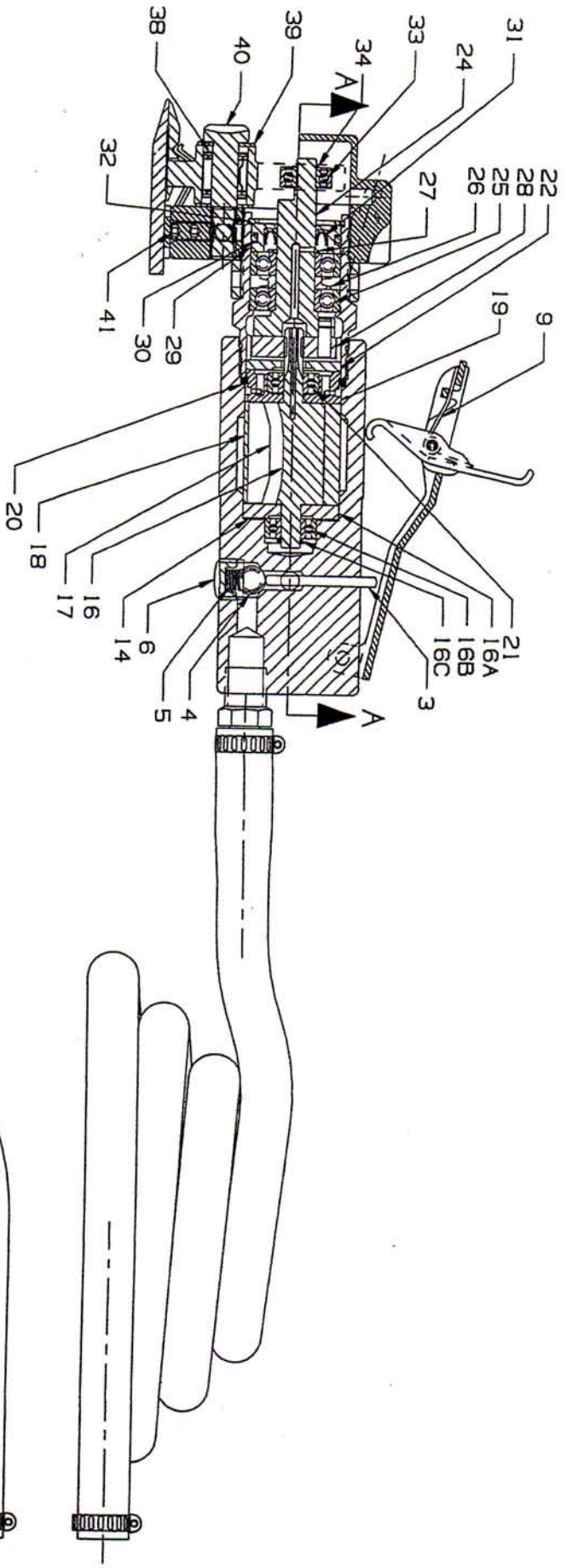
A 5 hp (3.73 KW) compressor with an air regulator for each tool will operate two Model PDC-3A1 Rug Carvers.



(Dwg. TPD905-1)

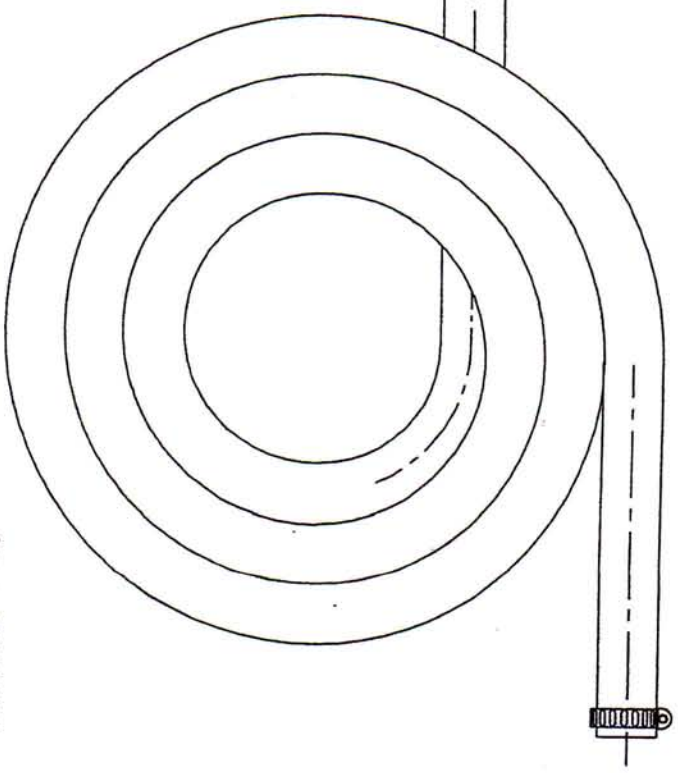


(Dwg. TPA1564)



SEC. A - A

INCCO00M6231
 NC CARPET CUTTER



(Dwg. TPA1565)

PART NUMBER FOR ORDERING

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1	Motor Housing Assembly	3NC6231-A40	•	28	Spindle Drive Plate	M002-171
2	Motor Housing	3NC2231-40		29	Seal Block Assembly	3BE512-A751
3	Crossport Plug	3RL-266		30	Seal Block	3BE512-751
4	Throttle Valve Stem	3NC5564-302		31	Block Seal	AFH120A-358
5	Throttle Valve Ball	4U-722	♦♦	32	Spindle Seal	M002-271
6	Throttle Valve Spring	3RL-51	♦♦	33	Seal Block Retainer	3RL-28
7	Throttle Valve Cap	3RL-266	♦♦	34	Spindle Eccentric Bearing	3NC5564-510A
8	Throttle Lever Assembly	3NC5564-A400		35	Eccentric Bearing Retainer	8SL-305
9	Throttle Lever Lock	DG120-402		36	Blade Mounting Block	3NC6231-580
10	Lever Lock Spring	DG120-405		37	Mounting Block Jam Nut	38E5564-118
11	Lever Lock Pin	R100B-120		38	Yoke Assembly	3NC5564-A581
12	Throttle Lever Pin	7L-120		39	Yoke	3NC5564-581
13	Warning Label	3NC6231-99		40	Pivot Bearing	3NC5564-500
14	Rear End Plate Gasket	3RL-739	•	41	Yoke Spacer (2)	TT78A-292
15	Rotor Assembly	3BE512-A53	•	42	Pivot Stud	3NC5564-582A
16	Rotor	3BE512-53		43	Pivot Stud Locking Screw (4)	3NC6231-561
16A	Rear End Plate	3BE512-12	*	44	Pivot Stud Locking Screw Wrench	3NC5564-562
16B	Rear Rotor Bearing	DG10-22		45	Exhaust Air Pipe (2)	3NC6231-156
16C	Bearing Retainer	8SL-305		46	Clipper Blade Assembly	C129C
17	Vane Packet (set of 5 Vanes)	3RL-42-5		47	Clipper Blade Mounting Screw (2)	FEA100-112
18	Cylinder	M002-N3		48	Mounting Screw Flat Washer (2)	MF-37
18A	Cylinder Dowel	3RL-98		49	Nipple	NCAH
19	Front End Plate	3BE512-11			Inlet Hose	NCAHC
20	Front End Plate Seal	AFH120A-358			Hose Clamp (2)	3NC5564-1
21	Front Rotor Bearing	DG10-22			Gear Case Wrench (27 mm open end)	3NC5564-1
22	Motor Clamp Washer	3BE512-207	*		Clipper Blade Mounting Screw Wrench (5/32" hex)	3NC5564-4
23	Gear Case	3BE512-37	*		Jam Nut Wrench (1/8" jaw spanner)	3NC5564-5
23A	Gear Case Plug	3NC6231-95	*		Tune-up Kit (includes illustrated items 14, 17, 31 and 33)	3NC5564-TK1
24	Spindle Assembly	3NC5564-A8				
25	Spindle Bearing (2)	3NC5564-8				
26	Spindle Bearing Spacer	R00H-97				
27	Spindle Bearing Retainer	3BE512-111				
		120A4-588				

- * Not illustrated.
- To keep downtime to a minimum, it is desirable to have on hand certain repair parts. We recommend that you stock one (pair or set) of each part indicated by a bullet (•) for every five tools in service.
- ♦♦ Indicates Tune-up Kit part.

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	Motor Housing Assembly	3NC5564 A40	32	Seal Block Retainer	3RL 28
1	Motor Housing	3NC5564 40	• 33	Spindle Eccentric Bearing	3NC5564 510A
2	Crossport Plug	3RL 266	34	Eccentric Bearing Retainer	8SL 305
3	Throttle Valve Stem	3NC5564 302	35	Blade Mounting Block	3NC5564 580A
4	Throttle Valve Ball	4U 722	36	Mounting Block Jam Nut	3NC5564 118
5	Throttle Valve Spring	3RL 51		Yoke Assembly	3NC5564 A581
6	Throttle Valve Cap	3RL 266	37	Yoke	3NC5564 581
7	Throttle Lever Assembly ..	3NC5564 A400	• 38	Pivot Bearing	3NC5564 500
8	Throttle Lever Lock ...	DG120 402	39	Yoke Spacer (2)	TT78A 292
9	Lever Lock Spring	DG120 405	• 40	Pivot Stud	3NC5564 582
10	Lever Lock Pin	R100B 120	41	Pivot Stud Locking Screw (4) .	4UA9 561
11	Throttle Lever Pin	7L 120	*	Pivot Stud Locking Screw	
• 14	Rear End Plate Gasket	3RL 739		Wrench	3NC5564 562
• 16	Rotor Assembly	3BE5512 A53	42	Auxiliary Air Hose	3NC5564 156A
• 17	Vane (5)	3RL 42	43	Vent Hole Plug	3NC5564 561
• 18	Cylinder	M002 N3	44	Clipper Head Assembly	3NC5564 583
*	Cylinder Dowel	3RL 98	45	Clipper Head Mounting	
• 19	Front End Plate	3BE5512 11		Screw (2)	FEA100 112
• 20	Front End Plate Seal	AFH120A 358	46	Mounting Screw Flat	
21	Front Rotor Bearing	DG10 22		Washer (2)	MF 37
22	Motor Clamp Washer	3BE5512 207	*	Mounting Screw Lock	
23	Gear Case	3BE5512 37		Washer (2)	510 67
	Spindle Assembly	3NC5564 A8	*	Gear Case Wrench	
24	Spindle	3NC5564 8		(27 mm open end)	3NC5564 1
• 25	Spindle Bearing (2)	R00H 97	*	Clipper Head Mounting	
26	Spindle Bearing Spacer ...	3BE5512 111		Screw Wrench (5/32" hex)	3NC5564 4
27	Spindle Bearing Retainer ..	120A4 588	*	Jam Nut Wrench (1/8"	
• 28	Spindle Drive Plate	M002 171		jaw spanner)	3NC5564 5
	Seal Block Assembly	3BE5512 A751	*	Inlet Hose	3NC5564 130
29	Seal Block	3BE5512 751	*	Warning Label	3NC5564 245
30	Block Seal	AFH120A 358	*	Tune-Up Kit (includes illus.	
• 31	Spindle Seal	M002 271		parts 14, 17, 31 and 33).	3NC5564 TK1

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