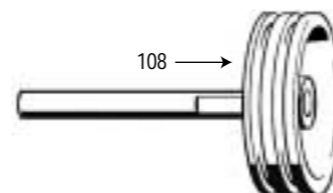
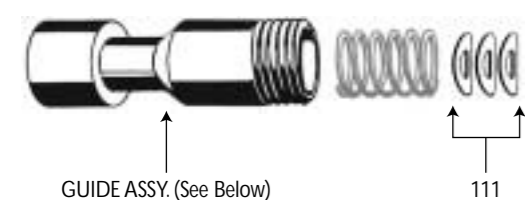
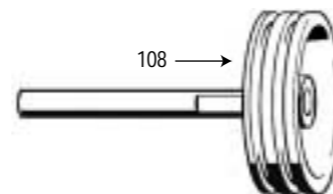


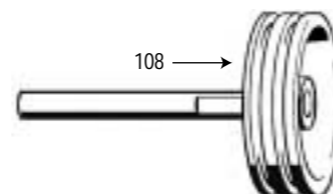
RN-16-16M
RN-16-30M



RN-16-8
RN-16-16
RN-16-30
RN-16-70



RN-16-78



FOR USE WITH ALL RN MODELS

PARTS LIST

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
100	HOUSING		"O" RINGS
101	CAP		
104	CYLINDER	2-33	"O" RING
105	VALVE	2-35	"O" RING
108	PISTON & DRIVER ASSEMBLY	3-131	"O" RING
111	SPACER	3-138	"O" RING
112	GASKET	3-143	"O" RING
114	BUMPER	4-223	"O" RING
115	SPRING		
119	VALVE SEAT		SCREWS
187	VALVE BUMBER	10-24 x 5/8	SOCKET HEAD CAP SCREW
		AS-154	ACCESSORY HEIGHT CONTROL SPACER

INSTALLATION AND OPERATING INSTRUCTIONS

Welcome...to the smiling family of Danair Palm Nailer® owners. Besides the smiles they've got all their finger nails and no blood blisters! Plus big profits from speedy, accurate production.

You now own the safest, most versatile hammer in existence. One Danair Palm Nailer® drives all types of round head or finishing nails in any direction in any position, safer, more accurately and with less fatigue than any automatic fastener ever developed!

The Danair Palm Nailer® requires no great skill or training. You work with the same nails you're accustomed to...the same pocketed apron...the same

traditional nailing procedure. The only difference is the power of pneumatics does the work. The only similarity between a Danair Palm Nailer® and your old fashioned claw is the results and the simplicity of operation.

The best results are fully achieved when operated properly. These simple instructions will assure you maximum performance from your Danair Palm Nailer®. The installation and lubrication instructions will guarantee you thousands of hours of service you can expect from this incredible tool. Read them carefully. Take care of your new Danair Palm Nailer® and it will take care of you.

Continued on back page

MODEL NO.	GUIDE PART NO.	NOSE PART NO.	MAXIMUM DIAMETER OF NAIL HEAD	
			INCHES	MILLIMETERS
RN-16-8	109-8	110	21/64	8.33
RN-16-16	109-16	110	3/8	9.52
RN-16-30	109-30	110	29/64	11.51
RN-16-70	109-70	100-60	19/32	15.08
RN-16-16M	AS-16M MAG GUIDE ASSY.		3/8	9.52
RN-16-30M	AS-30M MAG GUIDE ASSY.		29/64	11.51
RN-16-78	109-78 GUIDE ASSY.		7/8	22.22
USE WITH RN-16-BPU	AS-FNA FINISH NAIL ADAPTER		3/16	4.76

FIRST: INSTALLATION AND LUBRICATION:

You're anxious to use your Danair Palm Nailer®, so set it up right to begin with so you can work it properly.

1. AIR PRESSURE:

The Danair Palm Nailer® requires a minimum air pressure of 80 lbs. and a maximum air pressure of 125 lbs. Various nail sizes require different air pressure for best results as follows:

5d – 10d	80 to 100 lbs.
16d – 30d	100 to 115 lbs.
60d – 70d	115 to 125 lbs.

OPERATION ABOVE 125 LBS. AIR PRESSURE WILL CAUSE INTERNAL DAMAGE.

2. AIR LINES AND FITTINGS:

The hose and fitting size of the Danair Palm Nailer® is 3/8". Although the tool uses only 2 to 4 C.F.M. at maximum operating speed, you should insure maximum air flow for proper operation. If air flow is restricted it is recommended that you install a 3 to 5 gal. surge tank within 15 feet of the work area.

3. AIR FILTER AND LUBRICATOR:

Since the Danair Palm Nailer® is high speed pneumatic tool, trouble free use is best obtained by using a 3/8" or larger air filter and lubricator. However, the Danair Palm Nailer® may be used (but not recommended) without an air filter or lubricator by following these important instructions:

a. WITHOUT FILTER — Make certain your air lines (both pipe and hoses) are free of foreign matter such as rust particles, etc. Foreign matter causes internal scarring and "O" Ring damage.

b. WITHOUT LUBRICATOR — Oil SEVERAL times daily with a light non-detergent 6 to 10 weight oil through the air fitting at the tool. Lack of lubrication will cause loss of power and damage to the internal parts of the Danair Palm Nailer®.

CAUTION: WARRANTY NOT HONORED UNLESS TOOL IS USED WITH FILTER and LUBRICATOR.

Remember, your Danair Palm Nailer® is NOT A GUN. Therefore, it has no trigger.

It starts automatically when the driver presses against the nail head; it automatically stops when the nail head no longer touches the driver. The operator need only to apply a very slight amount of pressure to activate the tool.

POSITIONING:

Hold the nail in the same manner as if you were using a common hammer. With the other hand simply place the tool in a straight line with the direction in which you intend to drive the nail, and locate guide onto the nail head, gently pushing the Danair Palm Nailer® against the nail head. When the nail is driven it will automatically stop. Repeat the procedure with another nail.

ADJUSTING:

Adjusting tool to set nails to proper depth.

To decrease nail set: Install one 111 Spacer (additional spacers available as parts) — nail set decreased by 1/32 inch.

Install one AS-154 Height Control Spacer (available as optional accessory) — nail set decreased by 1/8 inch.

To increase nail set: Remove one 111 Spacer — nail set increased by 1/32 inch.

Remove one AS-154 Height Control Spacer (available as optional accessory) — nail set increased by 1/8 inch.

AIR ESCAPING FROM TOOL:

1. The Danair Palm Nailer® may be accidentally dropped after the air pressure has been shut off. Due to the shock, the internal cycling mechanism may assume a mid-cycling position, and like a valve, allow air to pass through without energizing the oscillating action. No danger or damage can occur. However, the unit will remain inoperative when this occurs. To stop the escaping air abruptly slap the cap side of the Danair Palm Nailer® into the palm of your hand with enough speed of impact to reset the internal piston. The escaping air will immediately stop and your unit is ready for immediate use.

2. Check Cap screws with proper size Allen wrench making sure they are all tight.

OIL:

Always use a NON-DETERGENT OIL, 6 to 10 weight for lubrication. For best results use DANAIR OIL — available from your Danair dealer.

WHEN CLEANING YOUR DANAIR PALM NAILER®, AVOID THE USE OF SOLVENTS ON ALL RUBBER PARTS.

LIMITED LIFETIME WARRANTY

Any part which is determined by DANAIR to be defective in material or workmanship and returned to DANAIR, Elko, NV, shipping cost prepaid, will be repaired or replaced at DANAIR'S option. This warranty does not apply to normal wear or damage resulting from accident, alteration or use otherwise than recommended by DANAIR. Any liability for consequential and incidental damages is expressly disclaimed. DANAIR'S liability in all events is limited to, and shall not exceed, the purchase price paid for the DANAIR product.

Manufactured in the USA by

DANAIR INC.

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