



J138RSH *and* J150RSH

Operation and Maintenance Manual



☑ 3/8" J138RSH

☑ 1/2" J150RSH

WARNING



To reduce the risk of injury, read and understand these safety warnings and instructions before using the tool. Keep these instructions with the tool for future reference. If you have any questions, contact your **PROTO**® representative or distributor.

3/8" Drive Sealed Head Ratchet
1/2" Drive Sealed Head Ratchet

TABLE OF CONTENTS

Introduction	2
Safety Instructions	3
Specifications	4
Getting Started	5
Tool Components	6
Contact Information	8

INTRODUCTION

The PROTO® J138RSH and J150RSH are precision-built tools, designed for professionals, for torque assembly and disassembly of threaded fasteners. These tools will deliver efficient, dependable service when used correctly and with care. As with any fine power tool, for best performance the manufacturer's instructions must be followed. Please study this manual before operating the tool and understand the safety warnings and instructions. The instructions on installation, operation and maintenance should be read carefully, and the manuals kept for reference. NOTE: Additional safety measures may be required because of your particular application of the tool. Contact your PROTO® Distributor with any questions concerning the tool and its use.

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WARRANTY

We warrant that this tool shall be free from manufacturing defects for a period of ONE YEAR from the original purchase date. Our obligation to the original purchaser shall be limited to repairing or replacing, at our expense (not including shipping charges) a defective tool if returned by the original purchaser within two years from the date of purchase, all incoming shipping charges prepaid. THIS WARRANTY DOES NOT COVER DEFECTS OR DAMAGES TO THE TOOL (i) after the warranty period expires; (ii) resulting from misuse or abnormal operation; (iii) resulting from a failure to properly lubricate, maintain or operate the tool; or (iv) resulting from any repair or maintenance services performed by any party other than PROTO® at all DeWALT Service Centers or a person authorized by PROTO® to provide repair and maintenance services for this tool.



WARNING

IMPORTANT SAFETY INFORMATION ENCLOSED.
READ THIS MANUAL BEFORE OPERATING THE MACHINE.

FAILURE TO OBSERVE THE FOLLOWING WARNINGS COULD RESULT IN INJURY.



Do not use damaged, frayed or deteriorated air hoses and fittings.



Always wear hearing protection when operating this tool.



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.



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.



Do not carry the tool by the hose.



Always wear eye protection when operating or performing maintenance on this tool.



Keep body stance balanced and firm. Do not over-reach when operating this tool.



Operate at 90 psig (6.2 bar / 620 kPa) Maximum air pressure.

GENERAL SAFETY INSTRUCTIONS



WARNING

- ▶ Always wear ANSI Z87.1 eye protection when operating or performing maintenance on this tool. Everyday eye glasses are not safety glasses.
- ▶ Always wear hearing protection when operating this tool.
- ▶ Keep hands, loose clothing and long hair away from rotating end of tool.
- ▶ Anticipate and be alert for sudden changes in motion during start up and operation of any power tool.
- ▶ Keep body stance balanced and firm. Do not overreach when operating this tool.
- ▶ Do not operate this tool for long periods of time. Vibration caused by tool action 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.
- ▶ Use rated accessories recommended by PROTO® only. Inspect accessories before use. Do not use cracked or damaged accessories.
- ▶ Do not operate this tool in the presence of flammable liquids, gasses, dust, or explosive atmospheres
- ▶ This tool is not insulated against electric shock.
- ▶ For safety, top performance, and maximum durability of parts, operate this tool at 90 psig. (6.2 bar / 620 kPa) maximum air pressure at the inlet with 3/8" (10mm) inside diameter air supply hose.
- ▶ 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.
- ▶ Do not use damaged, frayed or deteriorated air hoses and fittings.
- ▶ Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel.
- ▶ Do not remove any labels. Replace any damaged label.

SPECIFICATIONS



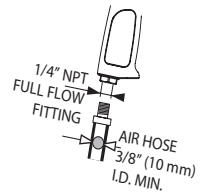
SPECIFICATIONS

Model #	Square Drive in	Torque ft-lbs / Nm	Noise Level						Vibration Level	
			Pressure dB(A)		Power dB(A)		Pressure dB(C)		m/s ²	
J138RSH	3/8	65 / 88	89.3	3*	100.3	3*	<130	3*	5.57	1.04**
J150RSH	1/2	65 / 88	89.3	3*	100.3	3*	<130	3*	5.57	1.04**

Model #	Free Speed rpm	Average Air Consumption cfm / l/min	Working Pressure psi / bar	Weight lbs / kg	Dimensions in / mm
J138RSH	350	3.7 / 105	90 / 6.2	2.9 / 1.3	12.4 x 2 x 2.2 / 314 x 52 x 56
J150RSH	350	3.7 / 105	90 / 6.2	2.9 / 1.3	12.4 x 2 x 2.2 / 314 x 52 x 56

* = measurement uncertainty in dB(A)

** = measurement uncertainty in m/s²



Use Hi-Flow air fittings and couplers for maximum tool performance

GETTING STARTED

- ▶ Always operate, inspect and maintain this tool in accordance with all regulations (local, state, federal and country) that may apply to hand-held / hand-operated pneumatic tools.
- ▶ Be sure all hoses and fittings are the correct size and are tightly secured.
- ▶ Always use clean, dry air at 90 psig maximum air pressure. Dust, corrosive fumes and/or excessive moisture can ruin the motor of an air tool.
- ▶ The use of a hose whip is recommended. A coupler connected directly to the air inlet increases tool bulk and decreases tool maneuverability.
- ▶ For maximum performance, the coupler on the wall should be the next size larger than the coupler used on the tool. The coupler closest to the tool should not be less than the proper air supply hose size.

OPERATING FEATURES

Forward Position



Reverse Position



Socket Release Button

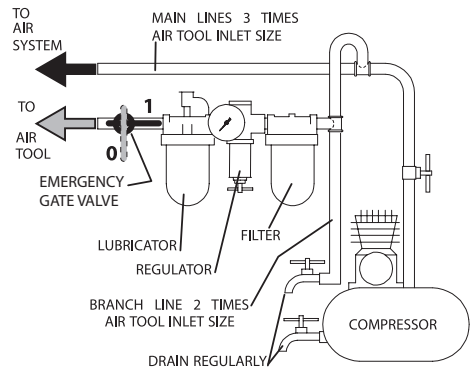


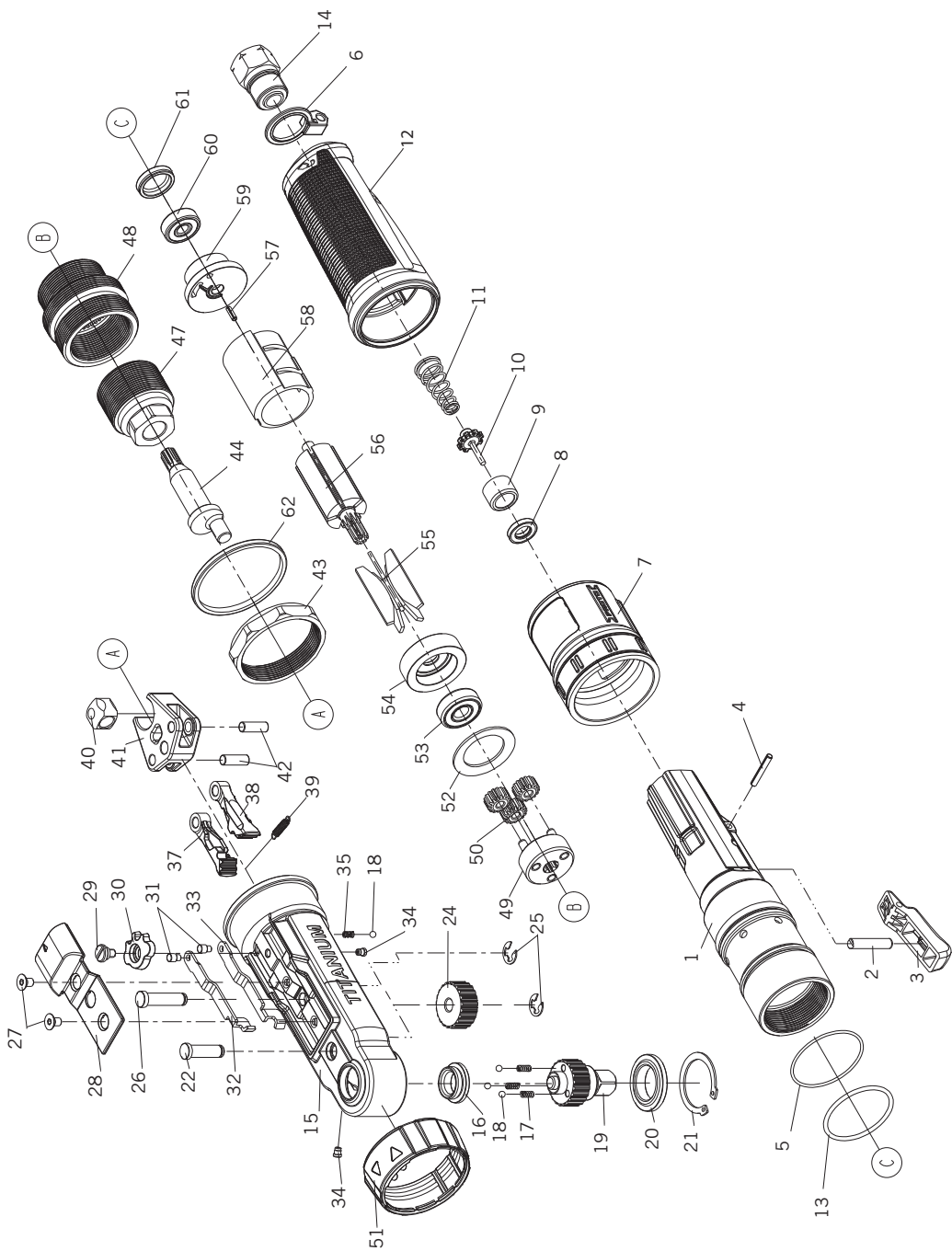
PLACING TOOL IN SERVICE

LUBRICATION



Always use an air line lubricator with this tool. After every eight hours of operation, if a lubricator is not used on the compressed air network, inject 1/2 to 1cm³ of approved air tool oil through the machine's inlet connection.





J138RSH and J150RSH

Operation and Maintenance Manual

TETHERING THE TOOL

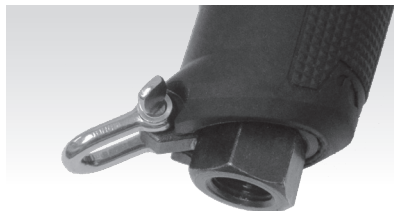


Use **ONLY** the following load rated Connector for tool suspension: Steel Wire, Stainless 316, Max. Load Capacity 800 lb., Eye Inside Dia. 1/2 in., Overall Length 1 15/16 in., Opening 1/4 in., Stock Thickness 3/16 in. Type : Load Rated



WARNING

Do **NOT** use the following type or any other type of connector, serious injury could occur.



Check threaded stud periodically.

Thread-locker recommended.

If tool is dropped, replace all tether parts.

CUSTOMER SERVICE

We at PROTO® are committed to our customers, please reference the following phone number for a direct contact to one of our customer technicians. They will be more than happy to help with any service or warranty questions you may have about your power tool.

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CE DECLARATION OF CONFORMITY

WE, PROTO INDUSTRIAL TOOLS®, 2195 EAST VIEW PARKWAY, SUITE 103, CONYERS, GEORGIA 30013, DECLARE UNDER OUR SOLE RESPONSIBILITY THAT THE PRODUCT J138RSH - PROTO 3/8" SEALED HEAD RATCHET WRENCH AND J150RSH - PROTO 1/2" SEALED HEAD RATCHET WRENCH

- CONFORMS WITH THE DIRECTIVE AND STANDARDS «MACHINERY» DIRECTIVE 2006/42/CE
- AND IS IN CONFORMITY WITH THE PROVISIONS OF THE HARMONISED EUROPEAN STANDARD
EN ISO 12100:2010
EN ISO 11148-6:2012
EN ISO 15744:2008
EN ISO 28927-2:2009



Eric Min
QUALITY MANAGER
05.10.2013