

# SUNEX HD

*Quiet has a new name*

**SX4345**

**SX4345-2**

## 1/2" DRIVE IMPACT WRENCH



## 1/2" DRIVE IMPACT WRENCH WITH 2" EXTENDED ANVIL



### **Product Safety Information**



**Save these instructions**

<b>⚠ WARNING</b>	
	Read this manual before operating tool.
	Always wear eye protection when operating or performing maintenance on this tool.
	Always wear hearing protection when operating this tool.

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## ⚠ WARNING

To reduce the risk of injury, anyone using, repairing, maintaining, or changing accessories on this tool must read and understand these instructions before performing any of these tasks.

- ⚠ Always inspect, operate, and maintain this tool in accordance with American National Standards Institute Safety Code of Portable Air Tools (ANSI B186.1) and any other applicable safety codes and regulations.
- ⚠ These tools are rated at 90 psi / 6.2 bar max air pressure for safety, top performance, and maximum durability of parts; do not exceed this pressure while the tool is running.
- ⚠ Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories, or when making repairs.
- ⚠ Never direct air at yourself or anyone else.
- ⚠ Always wear impact-resistant eye and face protection when operating or performing maintenance on this tool.
- ⚠ High sound levels can cause permanent hearing loss. Always use hearing protection when using this tool as recommended by your employer or OSHA regulation.
- ⚠ Do not wear jewelry or loose fitting clothes.
- ⚠ Do not use quick disconnect couplings at tool. See operating instructions for proper set up.
- ⚠ Whipping hoses can cause serious injury. Always carefully check for damaged or loose hoses and fittings before operating this tool.
- ⚠ Avoid direct contact with accessories during and after use. Gloves should be worn to reduce the risk of cuts or burns.
- ⚠ Use only sockets and accessories rated for use with Impact Wrenches which are in good condition. Sockets in poor condition or hand sockets and accessories can shatter and cause injury.
- ⚠ Never run the tool off of the work. The tool may run too fast and cause the accessory to be thrown off of the tool.
- ⚠ Serious injury can result from over-torqued or under-torqued fasteners. Assemblies requiring a specific torque must be checked using a torque meter.
- ⚠ "Click" torque wrenches do not check for potentially dangerous over-torque conditions.
- ⚠ Slipping, tripping, and/or falling while operating air tools can be a major cause of serious injury or death. Be aware of your surroundings and any excess hose left on the walking or working surface.
- ⚠ Pneumatic tools can cause vibration in use. Vibration, repetitive motions or uncomfortable positions over extended periods of time may be harmful to your hands and arms. Discontinue use of tool if discomfort, tingling feeling or pain occurs. Consult a physician before resuming use if any of these symptoms occur.
- ⚠ Do not stretch or overreach while using this tool.
- ⚠ If tool appears to malfunction, remove from service immediately and arrange for repair.
- ⚠ Never use tool if there is any chance of coming into contact with line electricity.
- ⚠ Use only Sunex certified spare parts for any repair made to tool. Repairs should only be performed by properly trained persons.
- ⚠ Do not lock, tape or wire the tool valve in the "on/off" position.
- ⚠ Do not allow the exhaust air to come in contact with hot surfaces or flames.
- ⚠ Avoid inhaling dust or handling debris from the work process, which can be harmful to your health. Use dust extraction and wear respiratory protective equipment when working with materials which produce airborne particles.
- ⚠ Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Some examples of these chemicals are:
  - Lead from lead based paints
  - Crystalline silica bricks and cement and other masonry products
  - Arsenic and chromium from chemically-treated lumberYour risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

### Additional Safety Warnings

- ⚠ Do not modify this tool or its accessories.
- ⚠ This tool is not recommended for use in explosive atmospheres or underwater use.
- ⚠ Operators and maintenance personnel must be physically able to handle the bulk, weight, and power of this tool.
- ⚠ This tool is for professional use only.

**SAFETY INSTRUCTIONS - DO NOT DISCARD - GIVE TO USER**

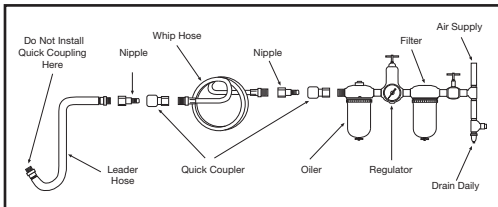
## Instruction Manual

This product is designed to tighten or loosen threaded fasteners. No other use is permitted.

### Air Supply Requirements

Tool is designed to operate at 90 psi (6.2 bar) at free speed measured at the tool, of clean, dry air. Operating this tool at higher pressures will drastically reduce the tool life and could cause injury.

The air inlet thread on this tool is a standard 1/4" NPT. Line pressure should be increased for any unusually long air hose run (over 25 feet). Minimum hose diameter should be 3/8" I.D. and all fittings should have the same inside diameter. See diagram below for proper air supply setup.



### Lubrication

Lubricate the tool each day after use with quality SAE #10 air motor oil. Add the oil to the air inlet or into the hose at the nearest connection to the air supply, then run the tool until all excess oil is expelled from the exhaust. Total oil quantity needed for this procedure is approximately 1 ounce.

### Operation

This tool is an impacting tool and not a torque meter. When specific torque is required, it must be checked with a torque meter after fitting the fastener with the Impact.

If a nut does not move within five seconds, use a larger size Impact. Do not use Impact Wrench beyond rated capacity, as this can drastically reduce the tool life.

## EC DECLARATION OF CONFORMITY

We, Sunex International Inc., declare under our sole responsibility that the product to which this declaration relates, is in conformity with the requirements of the Council Directive of June 1998 on the approximation of the laws of the Member States relating to machinery. (EN792, 98/37/EC)

### Harmonized Standards Applied:

EN 792-6

### National Standards Applied:

ISO 8662-7, ISO 15744-2002

### Machine Name:

SX4345 and SX4345-2 Impact Wrenches

### Serial No.:

MSO10380000 or higher

### Technical Data:

1/2" Sq. Dr. Std.

Air Pressure: 90 psi (6.2 bar)

### Noise and Vibration Declaration

Tool produces a noise level (no load) of 82 dBA sound pressure with 3 dBA uncertainty per EN ISO15744-2002. Vibration level is 6.8 m/s<sup>2</sup> for SX4345 and 6.3 m/s<sup>2</sup> for SX4345-2 tested per EN 28662-1 & EN28662-7:1997

Signature of Issuer:

Name and Position of Issuer: John Stratton, Product Manager  
Sunex International Inc.

Date of Issue: October 15, 2010

### Specifications

Square Drive Size .....	1/2"
Max. Torque .....	750 Ft. Lbs. (1017 Nm)
Working Torque .....	50-540 Ft. Lbs. (68-732 Nm)
Free Speed .....	7,000 RPM
Length (SX4345) .....	7.25" (184mm)
Length (SX4345-2) .....	9.25" (235mm)
Weight (SX4345) .....	4.30 Lbs. (1.95 kg)
Weight (SX4345-2) .....	4.55 Lbs. (2.06 kg)
Avg. Air Cons. ....	4.7 cfm (133 l/min)
Air Inlet .....	1/4" NPT
Min. Hose Size .....	3/8" I.D. (10mm)

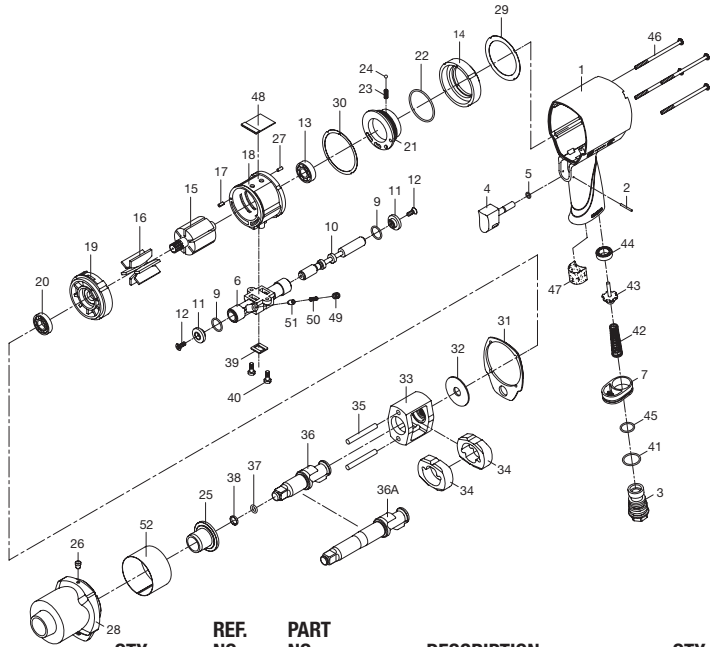
# SUNEX HD

## SX4345

### 1/2" DRIVE IMPACT WRENCH

## SX4345-2

### 1/2" DRIVE IMPACT WRENCH WITH 2" EXTENDED ANVIL



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	RS434501	Motor Housing	1
2	RS433502	Spring Pin (2 x 20)	1
3	RS433503	Air Inlet	1
4	RS433504	Trigger	1
5	RS433505	O-Ring (4 x 1)	1
6	RS434506	Reverse Valve	1
7	RS433507	Exhaust Diffuser	1
9	RS433509	O-Ring (11.4 x 1.25)	2
10	RS434510	Reverse Stem	1
11	RS433511	Button	2
12	RS433512	Screw (M3 x 8)	2
13	RS227B25	Ball Bearing (6001)	1
14	RS434514	Fixed Ring	1
15	RS434515	Rotor	1
16	RS434516	Rotor Blade (pack of 6)	1
17	RS434517	Spring Pin (2.5 x 5)	2
18	RS434518	Cylinder	1
19	RS434519	Front End Plate	1
20	RS85324	Ball Bearing (EE4)	1
21	RS434521	Air Regulator	1
22	RS434522	O-Ring (38.5 x 2)	1
23	RS433523	Spring	1
24	RS433524	Steel Ball	1
25	RS434525	Anvil Bushing	1
26	RS433526	Oil Cap (1/8")	1
27	RS188031	Spring Pin (2 x 5)	1
28	RS434528	Hammer Case (incl #26 & 52)	1
29	RS434529	Gasket	1
30	RS434530	Gasket	1

REF. NO.	PART NO.	DESCRIPTION	QTY.
30	RS434530	Gasket	1
31	RS434531	Gasket	1
32	RS434532	Washer	1
33	RS434533	Hammer Cage	1
34	RS434534	Hammer	2
35	RS434535	Hammer Pin	2
36	RS434536	Anvil (R-type 1/2") For Model SX4345	1
36A	RS4345236	2" Ext. Anvil (R-type 1/2") For Model SX4345-2	1
37	RS233A11	O-Ring (6.5 x 2)	1
38	RS434538	Retaining Ring	1
39	RS433539	Gasket	1
40	RS433540	Screw	2
41	RS433541	O-Ring (20.35 x 1.78)	1
42	RS433542	Valve Spring	1
43	RS433543	Valve Stem	1
44	RS433544	Rubber Spacer	1
45	RS433545	O-Ring (15.7 x 1.7)	1
46	RS434546	Screw (M4 x 90)	4
47	RS433547	Muffler Material	1
48	RS434548	Muffler Material	1
49	RS433549	Set Screw (M4 x 6)	1
50	RS434550	Spring	1
51	RS434551	Pin	1
52		Steel Ring (Incl. w/ #28)	1

Also available: RS4345TK tune-up kit including items # 5, 9 (2), 16 (6), 22, 29, 30, 31, 37, 38, 39, 41, 45, 47, 48.

Discover other air impact wrenches on our website.