

SCMTSA-34LHD

Operation and Maintenance Manua





MARNING

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 **SIDCHROME** representative or distributor.



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INTRODUCTION

The **SidchromeTM SCMTSA-34LHD** is a precision-built tool, designed for professionals for high torque assembly and disassembly of threaded fasteners. This tool 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 manual kept for reference. NOTE: Additional safety measures may be required because of your particular application of the tool. Contact your **Sidchrome** representative or distributor with any questions concerning the tool and its use.

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MARNING

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 overreach 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 impact rated accessories recommended by Sidchrome 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
- 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
- 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 3/4" (19mm) inside diameter air supply hose
- 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



Three-Position Power Regulator

					SPECIFIC	ATIO	NS						
	Model #	Square Drive	Blow	Rate	Breakaway Torque	Noise Level					Vibration Level		
ı		in	forward (bpm)	reverse (bpm)	ft-lbs / Nm	Pressur	Pressure dB(A) Power dB(A) Pres			Pressur	e dB(C)	rt	n/s²
	SCMTSA-34LHD	3/4	1050	1100	1600 / 2170	106	3*	117	3*	121	3*	13.8	1.86**

Model#	Free Speed	Average Air Consumption	Working Pressure	Weight	Dimensions
	rpm	cfm / I/min	psi / bar	lbs / kg	in / mm
SCMTSA-34LHD	5500	8.5 / 241	90 / 6.2	14.11 / 6.40	17 x 6 x 7 / 442 x 157 x 182

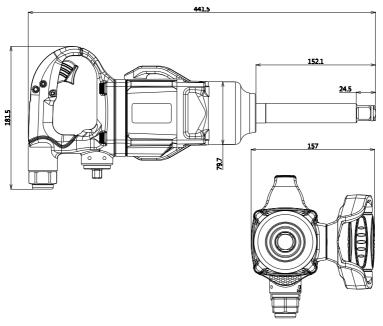
^{* =} measurement uncertainty in dB(A)



^{** =} measurement uncertainty in m/s2

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



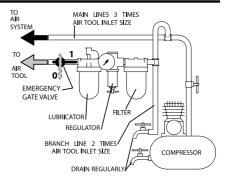
PLACING TOOL IN SERVICE



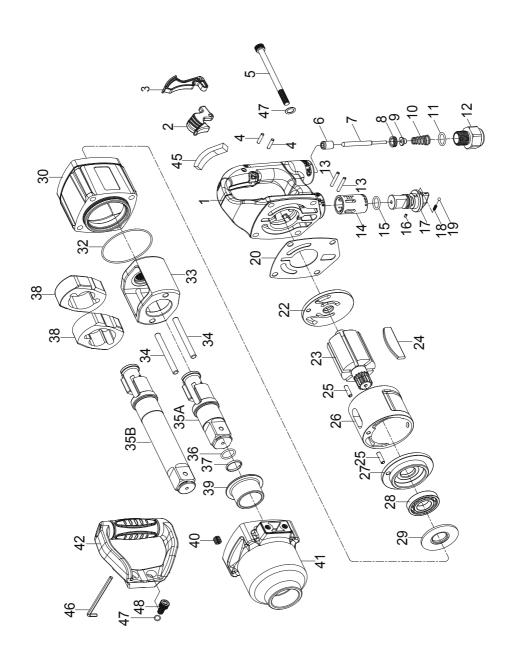


Always use an air line lubricator with this tool. After every eight hours of operation, if a lubricator is not used on the compressed air network, inject 1/2 to 1 cc of approved air tool oil through the tool's inlet connection. Recommended air tool oil available from Sidchrome SCMTSATO-250.

After every forty-eight hours of operation, or as experience indicates, inject about 4 cc of approved pneumatic grease into the grease fitting.







ITEM #	PART#	DESCRIPTION	QTY	ITEM #	PART#	DESCRIPTION	QTY
	SCMTSA-34LHD	3/4" SQUARE DRIVE AIR IMPACT WRENCH					
				25	31R200317	Spring Pin	2
1*	31H100030	Backhead Assembly (incl. 6.14)	1	56	31M200073	Cylinder	1
2	31P200019	Inside Trigger (Option)	1	27	31M200074	Front End Plate	1
8	31P200020	Outside Trigger (Option)	1	28	31R200144	Ball Bearing	1
4	31R200176	Pin	2	59	31R200149	Washer	1
2	31R200316	Screw	4	30	31H200037	Housing	1
• 9	31R200188	Bushing	1	32	31R200318	O-Ring	1
7	31P200021	Throttle Valve Plunger	1	33	31D200068	Hammer Frame	1
8	31Y200057	Throttle Valve Seat	1	34	31R200166	Hammer Pin	2
6	31Y200058	Throttle Valve	1	35A	31D200069	Standard Anvil	1
10	31R200199	Spring	1	35B	31D200070	6" Extended Anvil	1
11	31R200080	O-Ring	1	36	31R200152	O-Ring	1
12	31Y200061	Air Inlet	1	37	31R200151	Socket Retainer	1
13	31R200201	Spring Pin	2	38	31D200071	Hammer	2
14	31R200202	Reverse Valve Bushing	1	39●	31R200295	Bushing	1
15	31R200080	O-Ring	1	40●	31R200196	Heli-Coil	4
16	31R200203	Spring Pin	1	41*	31H100029	Hammer Case Assembly (incl. 39.40)	1
17	31P100011	Reverse Valve	1	42	31H200038	Side Spade Handle	1
18	31R200105	Spring	1	45	31Y200084	Rubber Cap (for Inside Trigger)	1
19	31R200179	Steel Ball	1	46	31Y200083	Hex Key Wrench	1
70	31G200032	Gasket	1	47	31R200148	Washer	9
77	31M110018	Rear End Plate Assembly	1	48	31R200319	Screw	2
23	31M200071	Rotor	1	1	211100256	Tune-Up Kit (incl. 10.11.15.18.19.20.24 (6)	
54	31M200072	Rotor Blade	9	<u> </u>	211100230	.28.32.36.37)	

[★] Must be Purchased in Assembly Set • Recommended not to be purchased alone due to assembly difficulty

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Sidchrome Australia National Call Centre 1800 338 002 Sidchrome New Zealand 0800 339 258
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