



P7752  
Edition 2  
March 2004  
04580742

# Pneumatic Impact Wrench



**SA-1100**

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## Product Specifications

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### Product Safety Information

#### Intended Use:

Model SA-1100 Impact Wrench is designed for use in spring replacement, major engine repair, tractor pad removal and off-road and farm equipment maintenance.

**For additional information refer to Pneumatic Impact Wrenches Product Safety Information Manual P7751.**

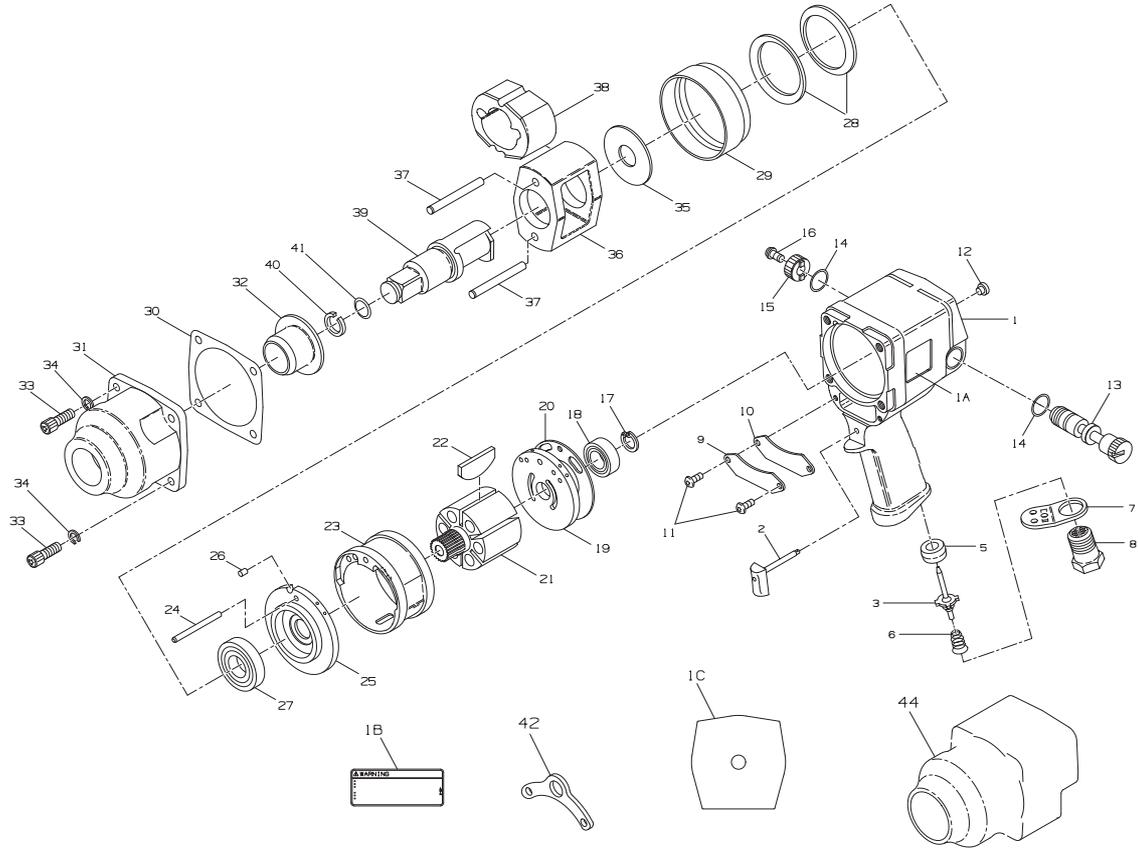
Refer all communications to the nearest SidChrome Office or Distributor.



## Save These Instructions

**SIDCHROME**<sup>®</sup>  
*Air*

# SA-1100 Impact Wrench Exploded View



(Dwg. TP2275)

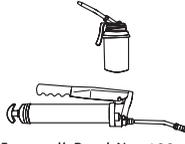
## SA-1100 Impact Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Motor Housing Assembly	SA-1100-A40	23	Cylinder	2920-3
1A	Label, Side (2)	SA-1100-1301	24	Cylinder Pin	910-98
1B	Warning Label	WARNING-2-99	25	Front End Plate	2921HP-11
1C	Name Plate	SA-1100-301	26	End Plate Dowel	2920-74
2	Trigger Assembly	2920P-A93	27	Front Rotor Bearing	834-24
3	Throttle Valve	2921-302	28	Motor Clamp Washer (2)	2920-207
5	Throttle Valve Seat	DG230-303	29	Motor Retainer	2920B-800
6	Throttle Valve Spring	1720P-51	30	Hammer Case Gasket	910-36
7	Exhaust Deflector	1720P-23	31	Hammer Case Assembly	261B-A727
8	Inlet Bushing	2920P-465	32	Hammer Case Bushing	2920-641
9	Housing Plate	1720P-230	33	Hammer Case Cap Screw (4)	---
10	Housing Plate Gasket	1720P-231	34	Cap Screw Lock Washer (4)	---
11	Housing Plate Screw (2)	FEA100-112	35	Rear Hammer Frame Washer	910-706
12	Grease Fitting	130SR-188	36	Hammer Frame Assembly	2910-703A
13	Reverse Valve	1710B-329	37	Hammer Pin (2)	2910-704
14	Reverse Valve Seal (2)	261-283	38	Hammer	260-724
15	Reverse Valve Knob	231-666	39	Anvil Assembly	1710-A626A
16	Reverse Valve Knob Screw	231-665	40	Socket Retainer	908B5-918
17	Rear Rotor Bearing Retainer	MVA008-218	41	Socket Retainer O-Ring	AF120-289
18	Rear Rotor Bearing	4E-510	42	Horizontal Hanger	910-366
19	Rear End Plate	2921HP-12	44	Housing Boot	261-P32
20	Rear Endplate Gasket	2920B-283	*	Tune-up Kit ( includes illustrated parts, 3, 5, 6, 10, 14[2], 17, 18, 20, 22, 27, 30, 40 and 41	261-TK2
21	Rotor	2910B-53			
22	Vane Packet (Set of 6 Vanes)	2910-42-6			

\* Not Illustrated.

## Product Lubrication

Always use an air line lubricator with these tools.



Ingersoll-Rand No. 100



Always use No. 10 Air Motor oil with this tool.

After each 48 hours of operation, or as experience indicates, inject about 4 cm<sup>3</sup> of the recommended grease into the Grease Fitting (12).

## Product Specifications

Model	Handle	Drive	Impacts per minute.	Recommended Torque Range	† Sound Level dB (A)		‡ Vibrations Level	Inlet Connection (Thread)	Minimum Inside Ø (Air Hose)
					Pressure (Lp)	Power (Lw)			
I.D.	Type	inch	bpm	ft-lbs (Nm)			m/s <sup>2</sup>	NPT	inches (mm)
SA-1100	pistol	3/4	1000	200-600 (271-813)	101.1	114.1	6.1	1/4	3/8 (10)

### Declaration of Noise and Vibration Emission:

- † Tested in accordance with ISO15744 (Pneumatic tools)  
(Lp) Measurement uncertainty of the Sound Pressure Level "Kpa"=3dB(A)  
(Lw) Measurement uncertainty of the Sound Power Level "Kwa"=3dB(A)  
‡ Tested to ISO8662-7

## Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Tool repair and maintenance should only be carried out by an authorized Service Center.

## Service Centers

**STANLEY AUSTRALIA**  
NATIONAL CALL CENTRE  
PHONE: 1800 338 002  
FAX: 03 9308 0888

**STANLEY NEW ZEALAND**  
PHONE: 0800 4 782 6539  
FAX: 0800 4 782 6539

