

⚠ PLEASE READ AND FOLLOW ALL WARNINGS ⚠



Read Operating Instructions

Always become familiar with all the instructions and warnings before operating any power tool.

Always Wear Approved Eye Protection

Impact resistant eye protection should meet or exceed the standards as set forth in the United States ANSI Z87.1, Occupational and Educational Eye and Face Protection. Look for the marking Z87.1 on your eye protection to insure that it is an approved style. For further information, ANSI Z87.1, Occupational and Educational Eye and Face Protection, is available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036.



Hearing Protection is Recommended

Hearing protection should be used when the noise level exposure equals or exceeds an 8 hour time-weighted average sound level of 85 dBA. Process noise, reflective surfaces, other tools being operated nearby, all add to the noise level present in your work area. If you are unable to determine your noise level exposure, we recommend the use of hearing protection.



Avoid Prolonged Exposure to Vibration

Tools can vibrate during use. Prolonged exposure to vibration or very repetitive hand and arm movements, can cause injury. Stop using any tool if discomfort, tingling feeling or pain occurs. You should consult your physician before resuming use of the tool.



90 PSIG Maximum

This tool is designed to operate at

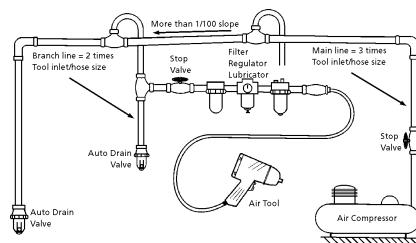
an air pressure of 90 pounds per square inch gauge pressure (90 PSIG) maximum, at the tool. Use of higher air pressure can, and may cause injury. Also, the use of higher air pressure places the internal components under loads and stresses they were not designed for, causing premature failure. The air supply should be clean and dry, preferably lubricated. For best results, drain the moisture from

WARNING:

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks, cement and other masonry products
- Arsenic and chromium from chemically treated lumber

Your 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.



Universal Tool

UT1520S

STRAIGHT #5 SPLINE IMPACT WRENCH

Description

The Universal Tool professional tools feature alloy steel hammer cases that are machined from solid bar, not drawn or cast. The model number is stamped on the motor housing under the name plate for permanent identification. There is a high power to weight ratio, plus 100% parts interchangeability to the equivalent tool. The features include steel clutch housing and three piece housing construction for ease of maintenance. Also included are adjustable power regulators, ergonomic handles and sound reducing mufflers



instruct each operator in the safe use of the tool. Tools shall not be used without guards and safety devices as furnished by the manufacturer. Where an air tool is modified or altered, the modifier shall provide the safeguards to enable it to be safely used in the operations intended and to comply with any applicable provisions as contained in ANSI B186.1.

Tool Installation

Pressure regulators shall be used to limit air pressure to the rated pressure where the supply pressure exceeds the tool's rated pressure. Air hoses and lines shall be relieved of compressed air before being disconnected or disjointed, unless there is automatic valve closing protection at the joint being separated. Synthetic lubricants which can cause deterioration of elastomer seals shall not be used in air systems of air tools.

Tool Maintenance

It shall be the tool owner's and/or employer's responsibility to assure that tools are maintained in a safe operating condition. Tool maintenance and repair shall be performed by authorized, trained, competent personnel.

Tools shall be disconnected from their compressed air supply before repairs are attempted. Repairs shall be consistent with the manufacturer's recommended procedures. Tool, hoses and fittings shall be replaced if unsuitable for safe operation. It shall be the tool owner's and/or employer's responsibility to keep required rating markings and warnings on the tool in legible condition.

Safety Instructions

The following instructions are furnished as general guidelines for use of your pneumatic tool. They cannot comprehensively cover all possible or conceivable uses of the subject tool. For additional information on the safe use of air tools, we advise you to obtain a copy of ANSI B186.1 Safety Code for Portable Air Tools, available from the following source:

American National Standards Institute, Inc.
11 West 42nd Street
New York, NY 10036.

The use of the word "shall" in the following instructions, indicates that adherence to the particular requirement is necessary to conform to ANSI B186.1.

Tool Application and Usage

Portable tools shall be used only for the purposes intended in their design and within the capacity for which they were intended and rated. It shall be the tool owner's and/or employer's responsibility to

Read these instructions carefully before attempting to install, operate or service this Florida Pneumatic product. Failure to comply with the instructions could result in personal injury and/or property damage!
Retain these instructions for future reference.

FPMC



STRAIGHT #5 SPLINE IMPACT WRENCH

UT1520S

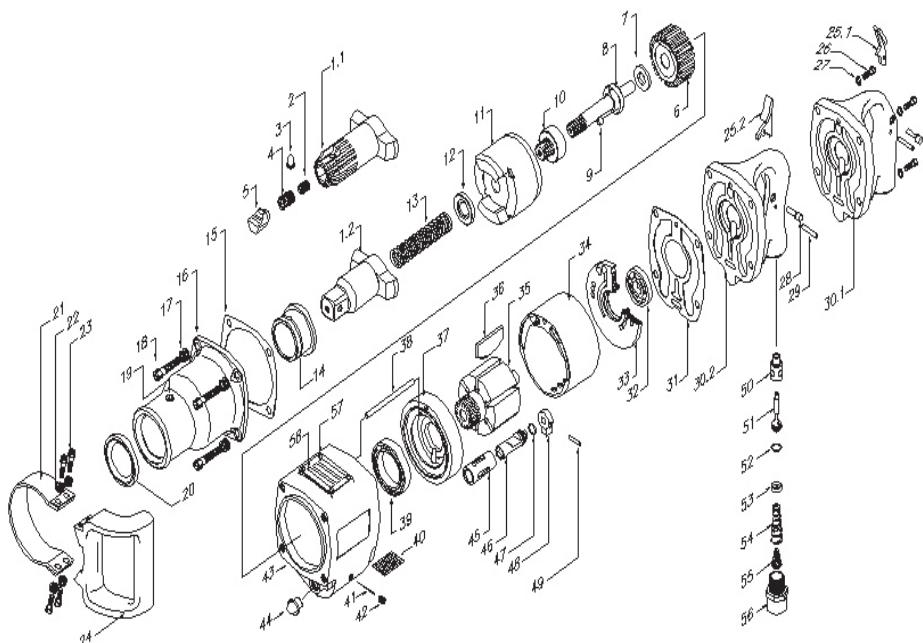
Specifications:

Shank	.....#5 Spline
Speed	.....4,500 RPM
Working Torque	.....725-2500 ft. lbs.
Max. Torque	.....3,500 ft. lbs.
Weight	.....33.7 lbs.
Overall length	.....14.7 in.
Average air consumption	.....15 CFM
Recommended hose size	.....1/2" I.D.
Air inlet	.....3/4" NPT
Maximum operating pressure	.....90 psi

Parts Breakdown for UT1520S

USE ONLY IMPACT SOCKETS & ACCESSORIES

Sockets and accessories used shall be of the impact socket type. Always check sockets, retainers and drives regularly for wear or damage and replace whenever necessary



STRAIGHT #5 SPLINE IMPACT WRENCH

UT1520S

Replacement Parts for UT1520S

INDEX #	PART #	DESCRIPTION
1.1	C-117069	SPLINE DRIVE ANVIL (INCL. # 2, 3, 4, 5)
2	C-112202	INSIDE SPRING
3	C-047620	LOCK BUTTON
4	C-112185	OUTSIDE SPRING
5	C-112191	PLUNGER
6	C-117061	COUPLING
7	C-117051	THRUST WASHER
8	C-117067	TIMING SHAFT
9	P-004254	BALL
10	C-117060	CAM DOG
11	C-117068	DOG
12	C-117051	SPRING SEAT
13	C-117054	SPRING
14	C-117053	CLUTCH HOUSING BUSHING
15	C-117049	CLUTCH HOUSING GASKET
16	C-117827	CLUTCH HOUSING
17	NL8	NL8
18	S-062777	5/16 NORD LOCK WASHER
19	C-068064	SCREW
20	C-117576	PIPE PLUG
21	C-119061	GREASE SEAL
22	NL6	ASSIST HANDLE BAND
23	P-073025	1/4" NORD LOCK WASHER
24	CA-048548	SCREW
25.2	C-063747	ASSIST HANDLE
26	S-062777	INSIDE TRIGGER
27	NL8	SCREW
28	C-113758	5/16" NORD LOCK WASHER
29	P-072359	TRIGGER PIN
30.2	C-117866	TRIGGER STOP PIN
31	C-117050	INSIDE TRIGGER HANDLE (INCL. # 50)
32	C-075812	MOTOR HOUSING GASKET
33	C-120682	BALL BEARING
34	C-117064	UPPER END PLATE
35	C-117066	CYLINDER LINER
36	C-117056	ROTOR
37	C-120683	ROTOR BLADES
38	C-117048	FRONT END PLATE
39	C-117047	DOWEL PIN
40	C-120076	BEARING
41	CA-094316	AIR SCREEN
42	C-059641	OIL METERING PIN
43	C-117072	PIPE PLUG
44	C-119253	MOTOR HOUSING
45	C-117057	EXHAUST DEFLECTOR
46	C-117065	REV. VALVE BUSHING
47	S-082809	REV. VALVE
48	C-117058	O RING
49	CA-091533	REV. VALVE LEVER
50	C-106817	ROLL PIN
51	C-106825	THROTTLE VALVE BUSHING
52	A-043001	THROTTLE VALVE
53	C-106818	O RING
54	C-088079	O RING RETAINER
55	C-087505	THROTTLE VALVE SPRING
56	C-094354	AIR SCREEN
57	N/A	THROTTLE CAP
58	N/A	NAMEPLATE RIVETS
		NAMEPLATE (INCL. # 57)

Limited Warranty

Universal Tool warrants its tools to be free from defects in material and workmanship for one year from the date of purchase. This warranty does not apply to tools which have been abused, misused, modified or repaired by someone other than Universal Tool or its authorized service centers. If a Universal Tool proves defective in material or workmanship within one year after purchase, return it to any authorized service center or to Universal Tool, freight prepaid. Please enclose your name, address and adequate proof of purchase date with a brief description of the defect. Universal Tool will, at its option, repair or replace defective tools, free of charge. Repairs or replacements are warranted as described above for the remainder of the warranty period. Universal Tool's sole liability and your exclusive remedy under this warranty is limited to repair or replacement of the defective tool. There are no other warranties expressed or implied and Universal Tool shall not be liable for incidental, consequential or special damages, or any other damages, costs or expense of repair or replacement as described above.