

PLEASE READ AND FOLLOW ALL WARNINGS

FLORIDA PNEUMATIC

FP-720A

3/8" BUTTERFLY IMPACT WRENCH

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 your compressor daily.

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.

Description

The Florida Pneumatic 3/8" Butterfly Impact Wrench is designed for maximum maneuverability in hard-to-reach areas. Butterfly throttle allows quick and easy direction changes. Single dog clutch reaches torque quickly for fast work. Features a built-in regulator for convenient power output adjustment, a swivel air inlet for easier handling and a protective rubber boot to protect the anvil housing, under handle exhaust and a ring retainer anvil for convenient socket retention.



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 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 disjoined, 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.

Florida Pneumatic Air Tools

A Division of Florida Pneumatic Manufacturing Corporation
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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.

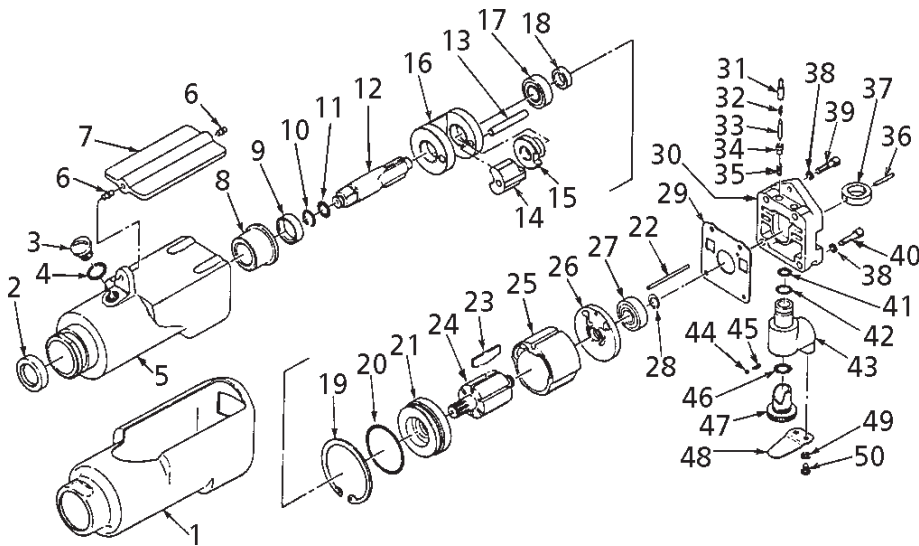
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Specifications

Drive size	3/8"
Free speed	11,000 RPM
Maximum torque	75 ft./lbs.
Weight	2-1/8 lbs.
Length	6"
Average air consumption	3 CFM
Recommended hose size	3/8" ID
Air inlet	1/4" NPT
Maximum operating pressure	90 PSIG

Parts Breakdown for FP-720A



Replacement Parts for FP-720A

Ref.	Description	Part #	Ref.	Description	Part #
1	Housing cover	8900266	27	Ball bearing	8729012
2	•Oil seal	8729028	28	•Retaining ring	8729011
3	Plug	8729032	29	•Motor gasket	8731905
4	•O-ring	81012370	30	Housing cap	8900124
5	Motor Housing	8731903	31	Plunger (2)	8731906
6	Throttle lever pin (2)	8729055	32	Plunger spring (2)	8731907
7	Throttle lever	8731916	33	Valve pin (2)	8731908
8	Anvil bushing	8729026	34	•Valve plug (2)	8731909
9	Collar	8729025	35	Valve spring (2)	8731910
10	•Socket retainer	8729024	36	Roll pin	8900127
11	•O-ring	8729480	37	Collar	8900125
12	3/8" Sq. Anvil	8729023-R	38	Washer (4)	8731917
13	Hammer pin	8729022	39	Cap screw (2)	8731918
14	Hammer dog	8729031	40	Cap screw (2)	8731919
15	Cam	8729030	41	•O-ring	8900380
16	Hammer cage	8729021	42	•O-ring	8729073
17	Ball bearing	8729020	43	Inlet bushing	8900126
18	•Oil seal	8729019	44	Steel ball	81005164
19	Retaining ring	8731915	45	Spring	8729076
20	•O-ring	8729018	46	•O-ring	8729088
21	Front plate	8731914	47	Air regulator	8729078
22	Motor pin	8729010	48	Retainer plate	8729079
23	•Rotor blade (6)	8729015	49	Lock washer (2)	8729133
24	Rotor	8729014	50	Screw (2)	8729081
25	Cylinder	8729068	(*)	Tune up kit	720A KIT
26	Rear plate	8731913			

Florida Pneumatic's Limited Warranty

Florida Pneumatic warrants their 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 Florida Pneumatic or their authorized service centers. If a Florida Pneumatic tool proves defective in material or workmanship within one year after purchase, return it to any authorized service center or Florida Pneumatic freight prepaid. Please enclose your name, address and adequate proof of purchase and a short description of the defect. Florida Pneumatic will, at their option, repair or replace defective tools, free of charge. Repairs or replacements are warranted as described above for the remainder of the original warranty period. Florida Pneumatic'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 Florida Pneumatic shall not be liable for incidental, consequential or special damages, or any other damages, costs or expense of repair or replacement as described above.

⚠ WARNING - Avoid impacting for longer than 10 seconds. Doing so may result in premature damage to the tool. If tool is working properly and torque cannot be reached, you may need a larger impact wrench.

⚠ CAUTION - Use only hardened impact sockets and accessories.