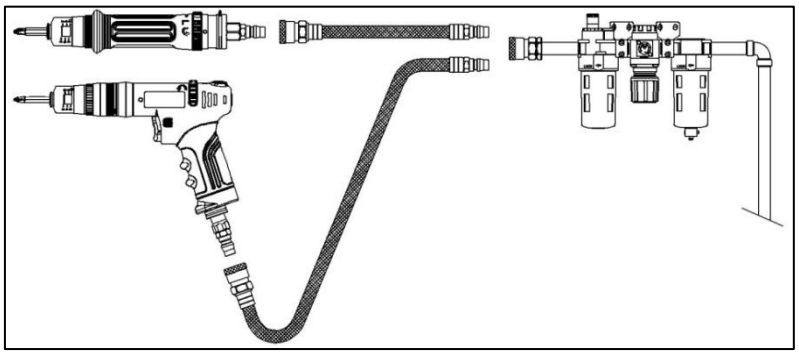
INSTRUCTION MANUAL- ENGLISH

90˚ Angle Air Auto-Shut Off Screwdriver

This product is designed for installing and removing threadedfasteners in wood, metal, and plastic. The use of spare parts/ accessories other than those originally supplied by the manufacturer may result in a drop in performance and/or increased maintenance/noise level/vibrations, and as the result, the full cancellation of the manufacturer's liability. No other use is permitted. Professional use only.

Air Supply Requirements

1. Supply tool with 6.3 kg-cm^2 (90 psi) clean and dry air. Higher pressure drastically reduces toollife.
2. Connect tool to the airline using pipe, hose,and fitting sizes are shown in the diagrambelow.

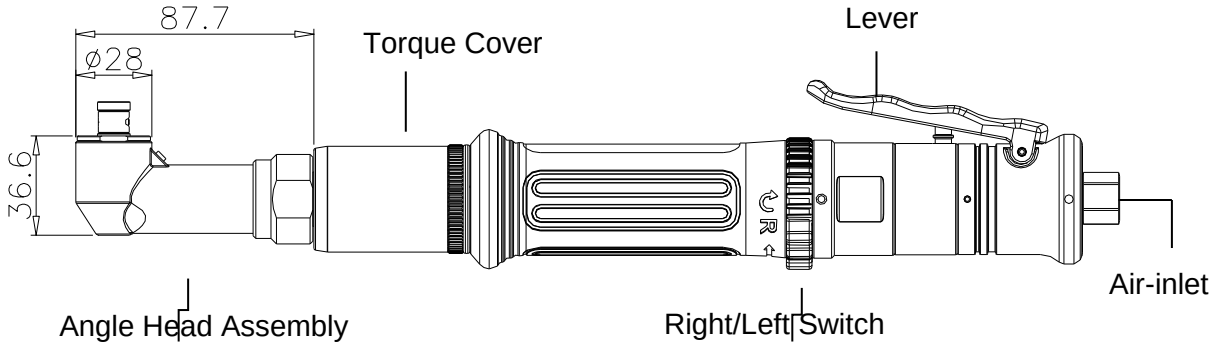


Lubrication

1. Use an airline lubricator with SAE #10 oil, adjustedtotwo (2) drops per minute. If an air line lubricator is not available, add air motor oil to the inlet once a day.
2. For gearing and clutch, use Shell-grade grease containingmolybdenum.
3. Grease clutches every 12,000screws.

Torque Adjustment

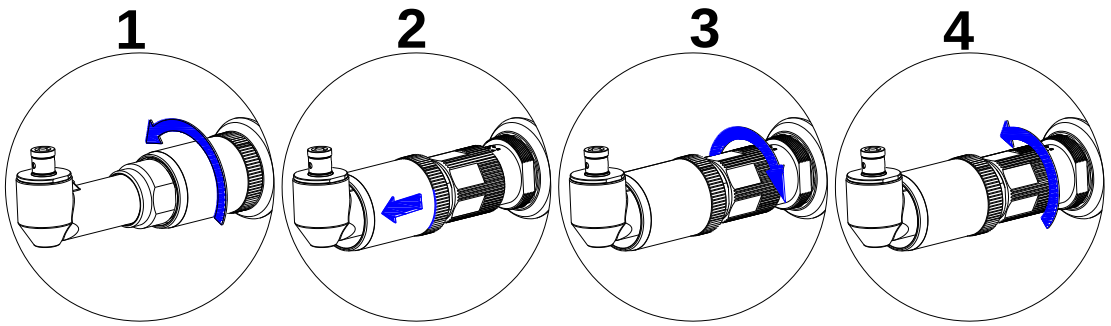
Shut Off Clutch: Grip the motor housing and press the tool into the fixing which is to be tightened. Press the lever and the motor will start and tighten the fixing to the required torque set by adjusting the tensions on the clutch spring. At this point, the internal drive is disengaged and the air to the motor is cut off.



Operating Procedures

1. Make sure the air in airline is clean and dry.
2. Connect the tool with the air compressorcorrectly.
3. Installa socket (or a bit) to the tool. Before using, do check the socket (or a bit) being installed on the tool correctly.
4. Torque Adjustment: Take off the torque cover and turn the torque adjustment ring right(clockwise) to increase the torque. Turn the torque adjustment ring left(counter-clockwise) to reduce the torque. After setting up the torque, put torque cover back and fasten it tightly to avoid changingthe set-up accidentally. (as illustrated below)
5. Right/LeftIndication: Turn right(clockwise) the switch (marked “R”) for tightening screws. Turn left (counter-clockwise) the switch (marked “L”) for loosening screws.
6. Press the lever to activate the motor.Release the lever to stop the motor.
7. Suggestion: Correct / Re-set torquesbefore operation on a daily basis.
8. If the tool is not to be usedfor a long time, re-set the torque tothe lowest.

Set-up of Torque



Release and remove the torque cover

Turn clockwise to increase the torque

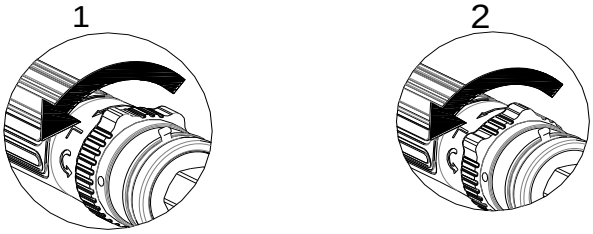
Turn counter clockwise to lower the torque

Note: After setting up torque, put torque cover back and fasten it tightly to avoid changing set-up accidentally.

Operation of R/L Switch

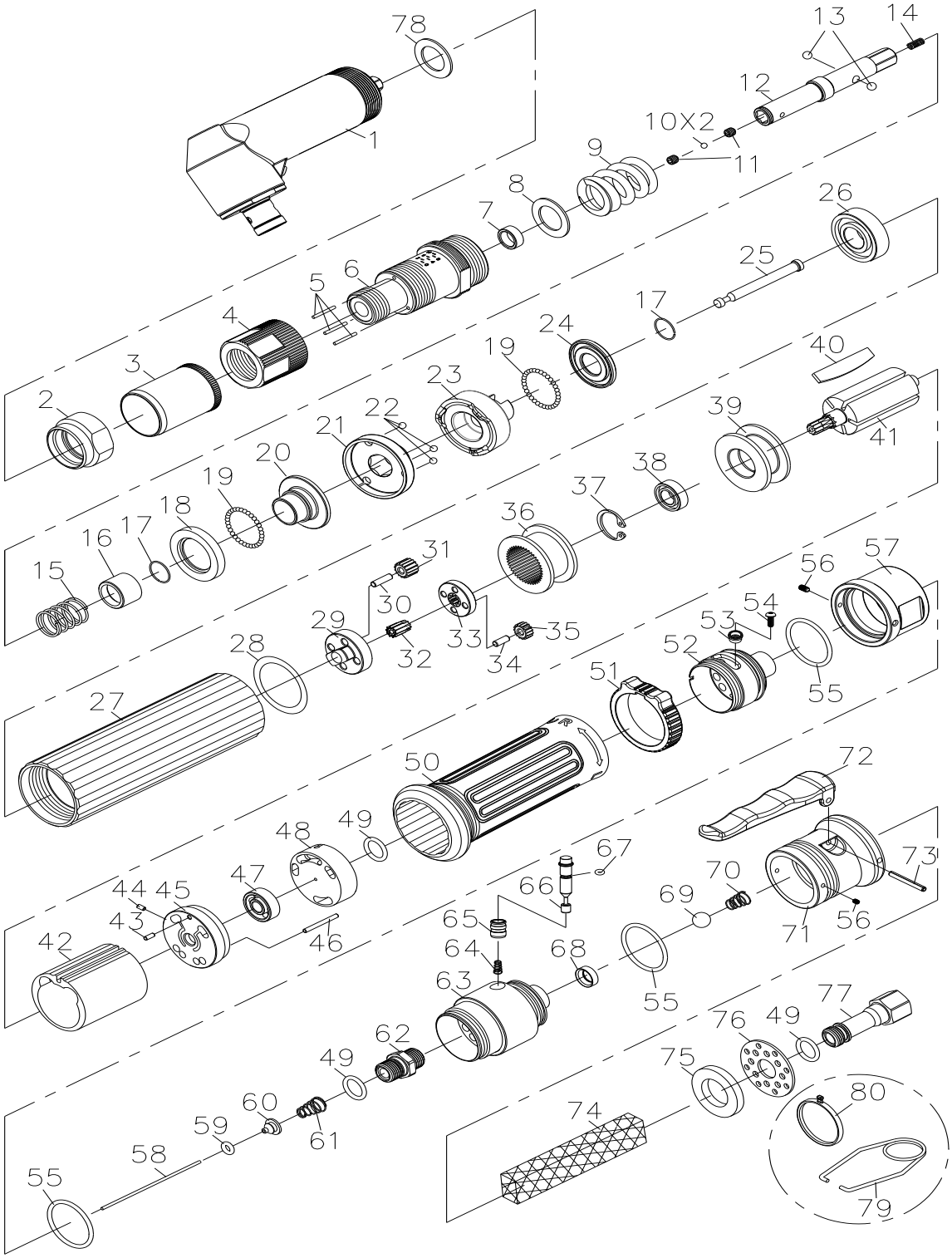
Indication R– turn right (clockwise) – fastening screw

Indication L – turn left (counterclockwise) – loosening screw



Universal Tool

UT8922 AUTO SHUT-OFF ANGLE NUT RUNNER - 550RPM / 1.5~10NM



Universal Tool

UT8922 AUTO SHUT-OFF ANGLE NUT RUNNER - 550RPM / 1.5~10NM

INDEX NO.	PARTS NO.	DESCRIPTION	QTY/SET	INDEX NO.	PARTS NO.	DESCRIPTION	QTY/SET
1	7160AH-02	90° ANGLE HEAD ASSY	1	41	7160040PS	ROTOR	1
2	7160088A	LOCK NUT	1	42	7160042PS	CYLINDER	1
3	7160061A	REAR HOUSING	1	43	SPP0208	SPRING PIN	1
4	7160005A	TORQUE RING	1	44	7160045PS	PIN	1
5	7140007PS	NEEDLE PIN	3	45	7160043PS	END PLATE	1
6	7160008A	CLUTCH HOUSING	1	46	7160046PS	PIN	1
7	7160009A	ANVIL BUSHING	1	47	B606ZZ	BALL BEARING	1
8	7160010A	WASHER	1	48	7160048PS	VALVE	1
9	7160011A	TORQUE SPRING	1	49	OR1898	O-RING	3
10	7160013PS	STEEL BALL	2	50	7160063PS	GRIP	1
11	HEXM506	SCREW	2	51	7160051PS-RD	SWITCH	1
12	7160012A	ANVIL	1	52	7160050PS-S	END HOUSING	1
13	7160014PS	STEEL BALL	2	53	7160060PS	SCREW HOLDER	1
14	7160089A	SPRING	1	54	7160052PS	SCREW	1
15	7160015PS	SPRING	1	55	OR283178	O-RING	3
16	7160016PS	SLIDE BASE	1	56	HEXM306	SCREW	4
17	7160017PS	C RING	2	57	7160091A	END HOLDER-L	1
18	7160018PS	BALL RACE	1	58	7160054PS	OPERATING ROD	1
19	7160019PS	STEEL BALL	60	59	OR0302	O-RING	1
20	7160020PS	END CLUTCH	1	60	7120056L	VALVE PLATE	1
21	7160021PS-3P	CENTER CLUTCH	1	61	7160057PS	SPRING	1
22	STB3175	STEEL BALL	3	62	7160092A	AIR INLET	1
23	7160023PS-3P	REAR CLUTCH	1	63	7160050A	END HOUSING	1
24	7160024PS	RETAINER	1	64	7160067L	SPRING	1
25	7160025PS	PILOT PIN	1	65	7160066L	BUSHING	1
26	B6001Z-TPI	BALL BEARING	1	66	7160065L	TRIGGER PIN	1
27	7160027PS	CENTER HOUSING	1	67	OR0312	O-RING	1
28	7160028PS	WASHER	1	68	7160095L	VALVE SEAT	1
29	7160029PS	GEAR CAGE	1	69	7160073L	STEEL BALL	1
30	7160030PS	PIN	4	70	7160069L	SPRING	1
31	7160031PS	PLANETARY GEAR	4	71	7160072L	TRIGGER HOLDER	1
32	7160032PS	SUN GEAR	1	72	7160075L	TRIGGER	1
33	7160033PS	GEAR CAGE	1	73	308003	SPRING PIN	1
34	7160034PS	PIN	4	74	ZZ389507	SILENCER	1
35	7160035PS	PLANETARY GEAR	4	75	7160058PS	SILENCER	1
36	7160036PS	INTERNAL GEAR	1	76	7160071L	EXHAUST DEFLECTOR	1
37	RTW-16	C RING	1	77	7160062L	AIR INLET	1
38	L-1680HH	BALL BEARING	1	78	7160010PS	WASHER	1
39	7160039PS	FRONT PLATE	1	79	CP1HP60	SUSPENSION RING	1
40	7160041PS	BLADE	5	80	7160080PS	DISTINGUISHABLE RING SET(4)	1

Universal Tool

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EC/UKCA DECLARATION OF CONFORMITY

We **FLORIDA PNEUMATIC MFG CORP, 851 JUPITER PARK LANE, JUPITER, FL 33458, USA**

Declare under our sole responsibility that the machine falls within the provisions of the directive:

Machine Type: UT8922 1/4" Hex Air Auto Shut-Off Angle Nut Runner

Technical Data:

Chuck Size :	1/4" HEX QC	**Free Speed:**	550 rpm
Weight:	1.60 kg (3.52 lbs)	**Length:**	380 mm (14.97")
Recommended Hose Size:	10m (3/8")	**Working Air Pressure:**	6.3 bar (90 PSI)
Noise: (sound pressure level)	72 dB(A)	**Vibration:**	1.82 Metres / Sec ^{2}
Spindle size:	N/A	**Serial No:**	----------

-To which this declaration relates, is in conformity with the requirements of : The Machinery Directive 2006/42/EC, General Safety ISO 12100:2010, Specific Safet y -Impact Wrenches: ISO 11148-6: 2012, Specific Vibration- ISO 28927, Noise: ISO 15744:2008

Name and position of issuer: **Tony Le Neveu: V P Engineering & Development**