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Item	Part No	Description
1	SA60T/01	HOUSING
2	SA60T/02	PIN
3	SA60T/03	AIR INLET
4	SA60T/04	THROTTLE LEVER
5	SA60T/05	VALVE STEM
6	SA60T/06	VALVE
7	SA60T/07	O-RING
8	SA60T/08	SPRING
9	SA60T/09	O-RING
10	SA60T/10	REVERSE LEVER
11	SA60T/11	MOTOR GASKET
12	SA60T/12	REVERSE RETAINER
13	SA60T/13	BALL BEARING (2)
14	SA60T/14	END PLATE (2)
15	SA60T/15	ROTOR
16	SA60T/16	ROTOR BLADE (5)
17	SA60T/17	PIN (2)
18	SA60T/18	CYLINDER
19	SA60T/19	SPACER
20	SA60T/20	SPRING
21	SA60T/21	SPRING GUIDE
22	SA60T/22	INTERNAL GEAR
23	SA60T/23	PLANET GEAR (3)
24	SA60T/24	PIN (3)
25	SA60T/25	BUSHING (3)
26	SA60T/26	WORK SPINDLE
27	SA60T/27	BALL BEARING
28	SA60T/28	CLAMP NUT

Item	Part No	Description
29	SA60T/29	DRIVE DOG
30	SA60T/30	RETAINING RING (3)
31	SA60T/31	RETAINING RING
32	SA60T/32	CAM SPINDLE
33	SA60T/33	STEEL BALL
34	SA60T/34	CLUTCH CARRIER
35	SA60T/35	STEEL BALL (4)
36	SA60T/36	WASHER
37	SA60T/37	SPRING
38	SA60T/38	WASHER
39	SA60T/39	ADJUST NUT
40	SA60T/40	SPACER
41	SA60T/41	CLUTCH HOUSING
42	SA60T/42	BALL RETAINER
43	SA60T/43	SPRING
44	SA60T/44	WASHER
46	SA60T/46	THROTTLE VALVE PLUG
47	SA60T/47	RETAINING RING
48	SA60T/48	EXHAUST DEFLECTOR
49	SA60T/49	SCREW (2)
50	SA60T/50	O-RING
51	SA60T/51	SPRING
52	SA60T/52	REVERSE BUSHING
53	SA60T/53	MUFFLER
54	SA60T/54	REAR GASKET
55	SA60T/55	REAR COVER
56	SA60T/56	PIN
57	SA60T/57	HOOK

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. **IMPORTANT:** No liability is accepted for incorrect use of this equipment. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** Call us for a copy of our latest catalogue and promotions on 01284 757525 and leave your full name and address including your postcode.

INSTRUCTIONS FOR  
**AIR SCREWDRIVER**  
 Model: **SA60T**

Thank you for purchasing a Sealey Product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

**1. SAFETY INSTRUCTIONS**

- 3 Follow all workshop health & safety rules, regulations, and conditions when using screwdriver.
- p **WARNING!** Disconnect from air supply before changing accessories or servicing.
- 3 Maintain screwdriver in good condition and replace any damaged or worn parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.
- p **WARNING!** Check correct air pressure is maintained and not exceeded. We recommended 90psi.
- 3 Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use and ensure that all connections are secure.
- 3 Wear approved safety eye and ear protection.
- 3 Keep screwdriver bits clean and in good condition for best and safest performance.
- 3 Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- 3 Secure non stable work piece with a clamp, vice or other adequate holding device.
- 3 Ensure the screwdriver bit is secure in the chuck before use.
- 3 Avoid unintentional starting.
- 3 Keep children and unauthorised persons away from the working area.
- 8 DO NOT get the screwdriver wet or use in damp or wet locations.
- 8 DO NOT hold the workpiece by hand. Use clamps or a vice to secure the workpiece.
- 7 DO NOT use the screwdriver for a task it is not designed to perform.
- p **WARNING! DO NOT** use screwdriver if damaged or faulty. Contact your local service agent.
- 7 DO NOT use screwdriver unless you have been instructed in its use by a qualified person.
- 7 DO NOT drop, throw or abuse the screwdriver.
- 7 DO NOT carry the screwdriver by the air hose, or yank the hose from the air supply.
- 7 DO NOT operate screwdriver if you are tired, under the influence of alcohol, drugs or intoxicating medication.
- 7 DO NOT carry screwdriver with your hand on the power trigger in order to avoid unintentional starting.
- 7 DO NOT direct air from the air hose at yourself or others.
- 3 When not in use disconnect from air supply and store in a safe, dry, childproof location.

**2. INTRODUCTION & SPECIFICATIONS**

Straight type, air operated screwdriver with push-button reverse control. Smooth air motor runs on high quality ball bearings for long life and reliability. Adjustable clutch device allows torque settings between 45 and 115 ins/lb. Accepts 6mm hex driver bits. Suitable for assembly/ dismantling and general production work.

Chuck size . . . . . 1/4" - 6mm Hex  
 Free speed . . . . . 1800rpm  
 Torque range . . . . . 45-115In/lb  
 Air consumption . . . . . 4cfm

Operating pressure . . . . . 90psi  
 Air inlet size . . . . . 1/4" BSP  
 Weight . . . . . 1.2kg

### 3. PREPARING SCREWDRIVER FOR USE

#### 3.1. Air Supply

- 3.1.1. Ensure screwdriver throttle lever is in "off" position before connecting to air supply.
- 3.1.2. You will require an air pressure of 90psi, and an air flow according to specification.
- 3.1.3. **WARNING!** Ensure the air supply is clean and does not exceed 90 psi while operating the screwdriver. Too high an air pressure and unclean air will shorten the product life due to excessive wear, and may be dangerous causing damage and/or personal injury.
- 3.1.4. Drain the air tank daily. Water in the air line will damage the screwdriver.
- 3.1.5. Clean air inlet filter weekly. Recommended hook-up procedure is shown in fig 1.
- 3.1.6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
- 3.1.7. Keep hose away from heat, oil and sharp edges. Check hose for wear, and make certain that all connections are secure.

#### 3.2. Couplings.

Vibration may cause failure if a quick change coupling is connected directly to screwdriver. To overcome this, connect a leader hose to the screwdriver. A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See fig 1 & 2.

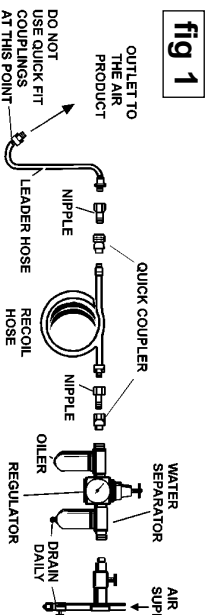


fig 1

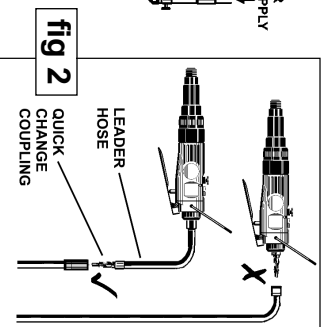
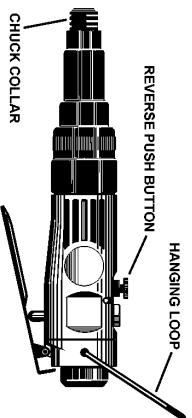


fig 2

### 4. OPERATING INSTRUCTIONS

**WARNING! Ensure you read, understand and apply safety instructions before use.**

- 4.0. Push driver bit into self locking chuck. To release bit, push chuck collar forward and pull bit out.
  - 4.1. Connect the screwdriver to the air hose as in chapter 3.
  - 4.2. Check that the screwdriver is set to operate in the required direction.
  - 4.3. The screwdriver direction can be changed by using the push button on the opposite side of the unit to the throttle lever. With the button in the out position the screwdriver will drive clockwise.
- With the button depressed the screwdriver will drive anticlockwise. The button can be locked in the depressed position. Hold the main body of the screwdriver (without depressing the throttle) with the button facing you. Hold the knurled top of the button with thumb and forefinger, push the button down and turn it clockwise until it stops. To unlock the button turn it anticlockwise and it will automatically pop up.



- 4.4. Depress the throttle lever to operate the screwdriver accordingly.

**DO NOT** allow screwdriver to free run for an extended period of time as this will shorten its life.

- 4.5. **To change the torque.** (Do this operation in a clean area.) Refer to fig 3.

- 4.5.1. Remove clutch housing (1) from main motor housing (4) by turning hand grip (2) clockwise, to expose the clutch assembly (3). Note: the clutch housing is packed with grease and may retain the clutch assembly until you push the chuck to eject it.

- 4.5.2. Hold the clutch carrier (5) to prevent it rotating. Place a wrench on nut (X) and turn to adjust torque as follows:

**INCREASE TORQUE .....by tightening nut.**  
**DECREASE TORQUE.....by loosening nut.**

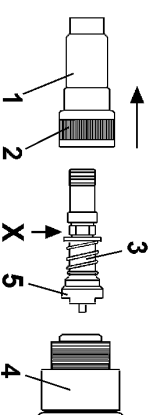


fig 3

- 4.5.3. Re-pack with heavy grease and re-assemble.

### 5. MAINTENANCE

**WARNING!** Disconnect screwdriver from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.

- 5.1. Lubricate the air screwdriver daily with a few drops of Sealey air tool oil dripped into the inlet to prolong its life.
- 5.2. Clean the screwdriver after use.
- 5.3. Loss of power or erratic action may be due to the following:
  - a) Excessive drain on the air line. Moisture or restriction in the air pipe. Incorrect size or type of hose connectors. To remedy check the air supply and follow instructions in chapter 3.
  - b) Grit or gum deposits in the screwdriver may also reduce performance. If your model has an air strainer (located in the area of the air inlet), remove the strainer and clean it. Flush the screwdriver out with gum solvent oil or an equal mixture of SAE No 10 oil and paraffin. Allow to dry before use.
- 5.4. For a full service contact your local Sealey service agent.
- 5.5. When not in use, disconnect from air supply, clean screwdriver and store in a safe, dry, childproof location.

### Declaration of Conformity



We, the sole importer into the UK, declare that the product listed here is in conformity with the following EEC standards and directives. The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Signed by Mark Sweetman

**Air Screwdriver**  
**Model: SA60T**

98/37/EC Machinery Directive  
 93/68/EEC Marking Directive

8th December 2000

For Jack Sealey Ltd. Sole importer into the UK  
 of Sealey Power Tools.