SERVICE PARTS LIST

SPECIFY CATAL

1
CATALOG NO.

42-52-0380

42-87-0180

43-06-0676

Bearing Cap

Bronze Plate

Counter Weight

(1)

55

56

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

1-1/4" STROKE SAWZALL®

REVISED BULLETIN 54-40-7582

DATE Feb. 2017

80 34 44 47 53 54 65 73

WIRING INSTRUCTION 58-01-0056

47

6.40

(65)

1-1/4" STROKE S

6536-21 STARTING

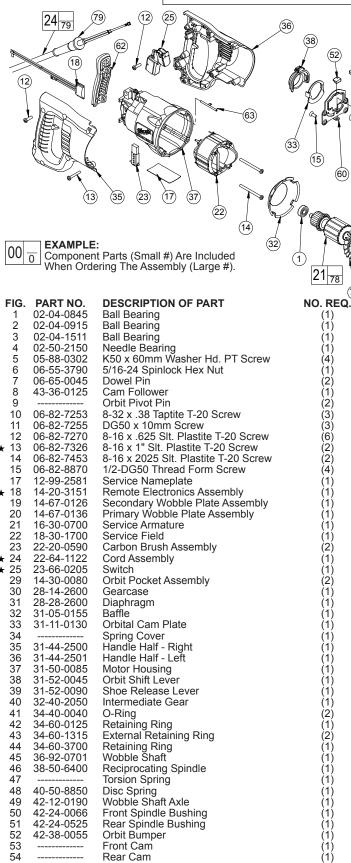
STARTING SERIAL NO. A66D

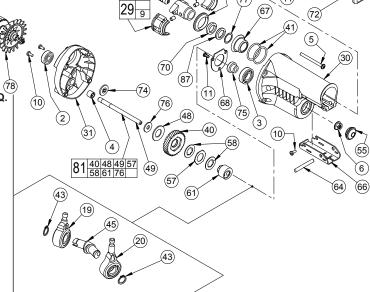
(51)

(7)

(46)

(50)





61 ★ 62 63 64 65 66 67 68 69 70 71 72 73	43-06-0685 43-56-0620 43-78-0575 44-52-0105	DESCRIPTION OF PART Metal Plate Orbit Plate Orbit Plate Orbit Drive Hub Cushion Grip Grounding Pin Shoe Pin Lock Pin Shoe Retainer Front Orbit Cap Bearing Retainer Orbit Seal Polypak Seal Gearcase Insulator Shoe Assembly Sleeve Slinger	NO. REQ. (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
	23-94-6755	Leadwire Assembly	(1)

SEE REVERSE SIDE FOR IMPORTANT SERVICE NOTES

MILWAUKEE ELECTRIC TOOL CORPORATION 13135 W. LISBON RD., BROOKFIELD, WI 53005

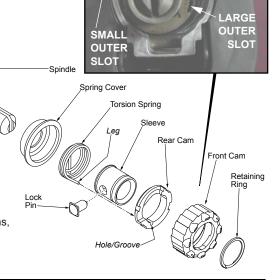
FIG. 1	NOTES: Bearing to be installed with seal towards commutator.			
4,31	Press needle bearing flush ±.005 with inner surface of diaphragm.			
6,49	Apply Blue Loctite® 242 to treads of wobble shaft axle prior to installing spinlock hex nut. Torque spinlock hex nut to 160-190 in. lbs.			
6,40	Hold the intermediate gear still with a large pair of pliers and a piece of rubber hose (or other tough, but pliable material to protect the gear from the jaws of the pliers) and remove the 5/16" spinlock hex nut with a wrench, as shown.	gearcase (30) gear (40) split rubber hose or other protective material Service Fixture 61-10-0270 (Pressing Pin Tool)		
7,46,50,51,56	Press dowel pins flush to front side of front spindle bushing. Press dowel pins flush to back side of rear spindle bushing. NOTE: Reciprocating spindle (46) and counter weight (56) must be installed inside assembly (7,50) and (7,51) prior to pressing last spindle bushing into place. Be sure to orientate the counter weight with the hole on bottom towards rear spindle bushing, as shown.	rear spindle bushing (51) counter weight (56) dowel pin (7) reciprocating		
17,37	Install nameplate in motor housing recess prior to assembling diaphragm onto motor housing.	spindle (46)		
29,42	Service fixture #61-10-0205 must be used when installing retaining ring (42) onto orbit pocket assembly (29).	Orient counter weight as shown with hole on bottom towards rear spindle bushing.		
40,57	Tabs of bronze plate engage intermediate gear.	Place a thin film of lubrication		
40,48	Concave side of disc spring towards intermediate gear.	on dowel pins prior to assembly.		
58,61	Tabs of metal plates engage orbit drive hub.			
70	O-ring of polypak seal faces mechanism - toward rear of tool.			
74	Shoulder extension of grease slinger should face bearing.	RIB INNER RIB		

REMOVING THE STEEL QUIK-LOK® BLADE CLAMP -

- Remove external retaining ring (44) and pull front cam (53) off.
- · Pull lock pin (65) out and remove remainder of parts and discard.

REASSEMBLY OF THE STEEL QUIK-LOK® BLADE CLAMP

- Coat new lock pin with powdered graphite.
- Hold tool in a vertical position.
- · Place spring cover (34) onto spindle.
- Slide torsion spring (47) onto spindle shaft with leg positioned at the 6:00 position.
- Slide sleeve (73) onto spindle aligning hole on sleeve with hole in spindle.
- Slide rear cam (54) over sleeve, aligning hole in rear cam with spring leg.
 Ensure spring leg inserts into hole in rear cam.
- Rotate rear cam (54) counter clockwise until there is clearance for lock pin (65) to be inserted into sleeve/spindle holes. Insert lock pin.
- Align front cam (53) inner ribs with rear cam outer slots (see insert) and slide front
 cam onto sleeve until it bottoms. Retaining ring (44) groove should be completely visible.
- Attach retaining ring by separating coils and inserting end of ring into groove, then wind remainder of ring into groove. Ensure ring is seated in groove.
- Blade clamp should rotate freely. During normal usage, debris may not allow blade clamp to rotate freely. The use of spray lubricant can help free blade clamp. In extreme conditions, follow these instructions to remove, clean and reassemble blade clamp.



(53)

(54)

FIG.	LUBRICATION:	
29,41	Lightly coat o-rings with lubrication for ease of installation onto assembled orbit pockets.	41
30	Place 3.2 oz. (80 grams ± 8 grams) of type "T" grease (Cat. No. 49-08-4290), in mechanism cavity of gear case.	
31	Place .8 oz. (20 grams ± 2 grams) of type "T" grease (Cat. No. 49-08-4290), in lower needle bearing-gear train cavity of diaphragm.	
40,58	Apply a thin coat of type "T" grease (Cat. No. 49-08-4290) between gear and metal plate.	
65	Pin to be coated with graphite prior to assembly.	29
87	Soak in lightweight bushing oil prior to assembly.	