

Air Screwdrivers

41 Series



Product Parts Information



Save These Instructions



Edition 6
December 2021
CCN 16574592

When product life has expired, it is recommended to:

- disassemble the product
- degrease the product
- separate product parts by material for correct recycling

Product repair and maintenance should be conducted by an authorized service center.

Refer all communications to the nearest **Ingersoll Rand** office or distributor.

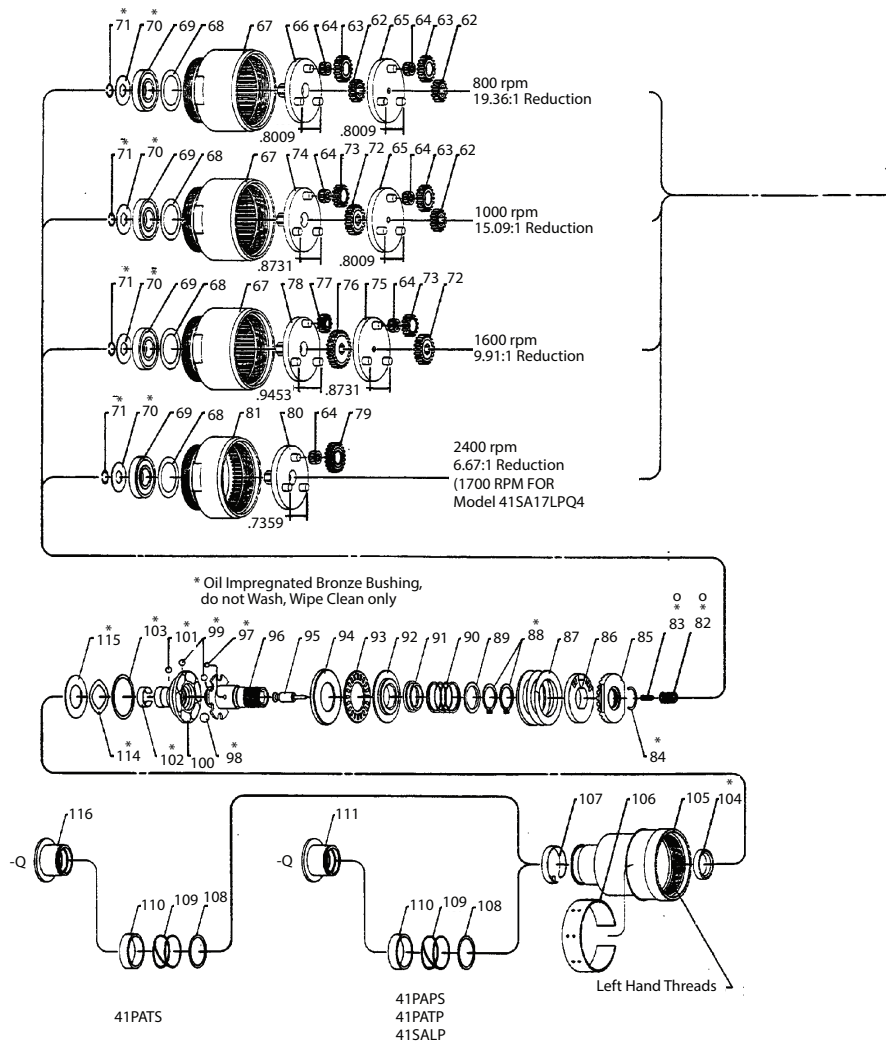
Manuals are available at [ingersollrand.com](https://www.ingersollrand.com)

Table 1. Product Information Manuals

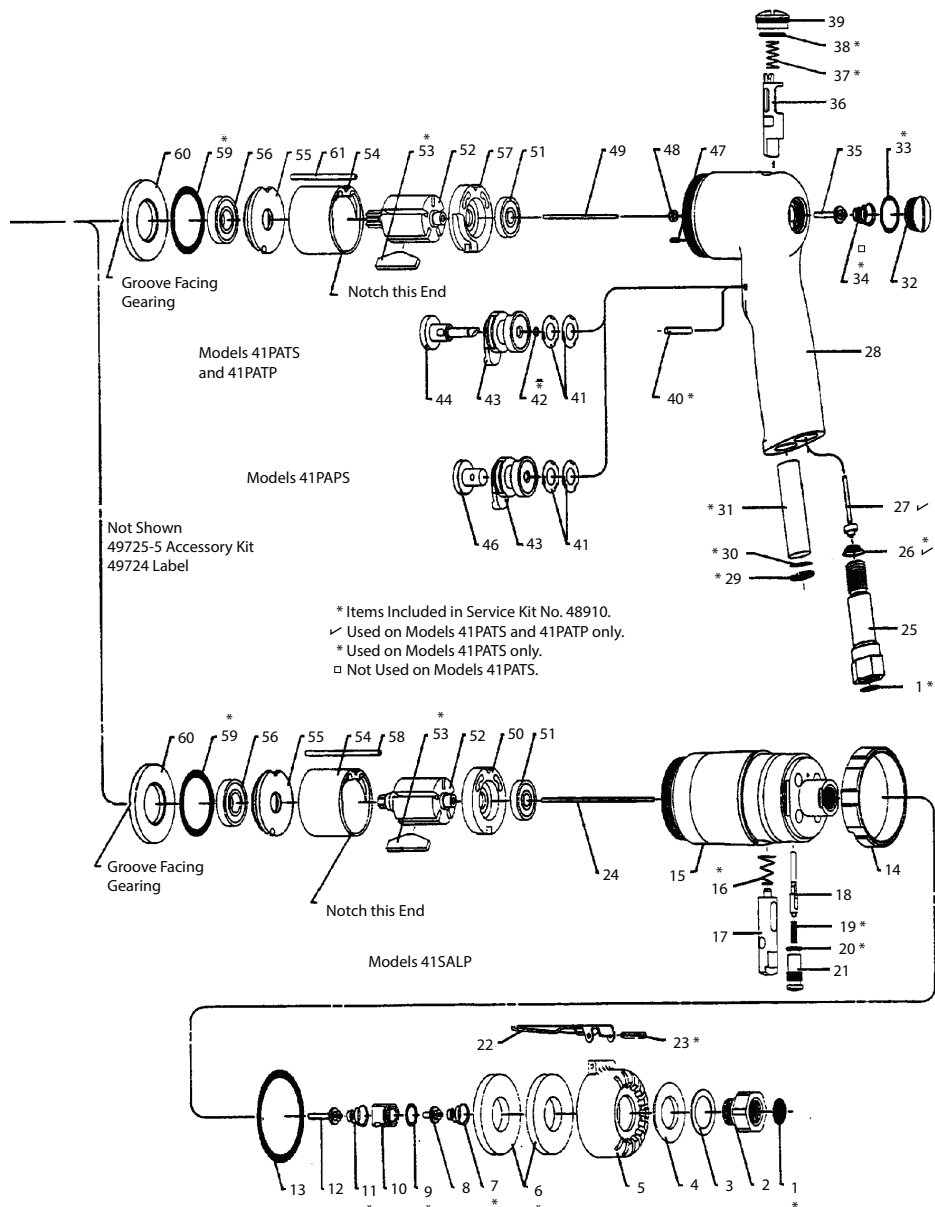
Publication	CCN
Product Safety Information Manual	04585006
Product Information Manual	80167356 and 47135462
Product Maintenance Manual	16575284

41 Series, Air Screwdriver

Figure 1. Exploded View - TPA898-4



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Table 2. 41 Series, Air Screwdriver - Parts List

Item No.	Part Description	Part Number
1	Screen	33911
2	Inlet Adapter	46377
3	Spacer	47205
4	Diffuser Washer	46449
5	Exhaust Cap	46448
6	Filler (QTY. 2)	46452
7	Spring	41654
8	Valve Assembly	46354-2
9	O-Ring	Y325-11
10	Valve Block	48335-1
11	Spring	41654
12	Valve Assembly	46354-1
13	O-Ring	48347-1
14	Reverse Sleeve	48337-2
15	Head and Bushing Assembly	49720
16	Spring	41654
17	Valve Body	48349-2
18	Valve Stem	48342-2
19	Spring	31058
20	O-Ring	Y325-10
21	Cap	48338-2
22	Lever	48246-1
23	Roll Pin	Y178-28
24	Throttle Rod (lever throttle models)	
	for 800, 1000 and 1700 rpm models (4.452" long)	46511-445
	for 2500 rpm models (3.942" long)	46511-394
25	Inlet Adapter	46385
26	Spring	41654
27	Valve Rod Assembly	46354

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Table 2. 41 Series, Air Screwdriver - Parts List (continued)

Item No.	Part Description	Part Number
28	Housing	
	for model 41PA8PS	49712
	for models 41PA8TS and 41PA8TP	49713
29	Retaining Ring	Y147-56
30	Screen	48808-1
31	Muffling	48443-1
32	End Cap	48146-1
33	O-Ring	Y325-15
34	Spring	41654
35	Valve Rod Assembly	46354
36	Reverse Valve	48133-1
37	Spring	48304-1
38	O-Ring	Y325-12
39	Top Cap	48145-1
40	Pin (for 41PA models only)	49754
41	Spring (QTY. 2)	48138-1
42	O-Ring	48139-1
43	Reverse Cam	48132-1
44	Trigger	48148-1
46	Button	48149-1
47	Roll Pin	Y178-211
48	Bushing	48362-1
49	Throttle Rod (pistol grip models) (800, 1000 and 1600 rpm models) (3.942" long)	46511-394
	(2400 rpm models) (3.410" long)	46511-341

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Table 2. 41 Series, Air Screwdriver - Parts List (continued)

Item No.	Part Description	Part Number
	Motor Assembly	
	Lever Throttle models (includes 50 through 56)	
	for models 41SA8LP, 41SA10LP and 41SA17LP	47726
	for model 41SA25LP	47725
	Pistol Grip models (includes 51 through 57)	
	for models 41PA8PS, 41PA10PS, 41PA16PS, 41PA8TS, 41PA10TS, 41PA16TS, 41PA8TP, 41PA10TP, and 41PA16TP	48159-1
	for models 41PA24PS, 41PA24TS and 41PA24LP	48158-1
50	Rear End Plate	46312-1
51	Bearing	47724
52	Rotor	
	Lever Throttle models	
	for 41SA25LP	46469
	for all other lever throttle models	46453
	Pistol Grip models	
	for 41PA24P, 41PA24TS and 41PA24LP	46469
	for all other pistol grip models	46453
53	Vane (QTY. 5)	46413
54	Cylinder	46311
55	Front End Plate	47722
56	Bearing	Y65-13
57	Rear End Plate	48162-1
58	Locating Pin (lever throttle models)	47723-2
59	O-Ring	Y325-214
60	Spacer	46412
61	Locating Pin (pistol grip models)	47723-1
62	Sun Gear (1 or 2) (4.4:1 ratio) (15 teeth)	46466
63	Planet Gear (3 or 6) (4.4:1 ratio) (18 teeth)	46900
64	Needle Bearing (3 or 6)	42315
65	Carrier Assembly (4.4:1 ratio)	46522
66	Spindle Assembly (4.4:1 ratio)	47753

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Table 2. 41 Series, Air Screwdriver - Parts List (continued)

Item No.	Part Description	Part Number
67	Ring Gear (double reduction)	48904
68	Spacer	46496
69	Bearing	Y65-13
70	Washer	47694
71	Snap Ring	Y142-2
72	Sun Gear (3.43:1 ratio) (21 teeth)	46465
73	Planet Gear (3) (3.43:1 ratio) (15 teeth)	46899
74	Spindle Assembly (3.43:1 ratio)	47752
75	Carrier Assembly (3.43:1 ratio)	46521
76	Sun Gear (2.89:1 ratio) (27 teeth)	46464
77	Planet Gear (3) (2.89:1 ratio) (12 teeth)	46460
78	Spindle Assembly (2.89:1 ratio)	47751
79	Planet Gear (3) (6.67:1 ratio) (21 teeth)	46901
80	Spindle Assembly (6.67:1 ratio)	47750
81	Ring Gear (single reduction)	48905
82	Spring	47709
83	Spring	48333-1
	Auto Shut-Off Clutch Assembly	
	for models 41PA8PS, 41PA8TP and 41SA25LP (includes 82, 83 and 84 thru 103)	48303-3
	for models 41PA24TS (includes items 84 thru 103)	48303-7
84	Snap Ring	Y110-105
85	Adjustment Nut	46895
86	Adjustment Washer	48093
87	Clutch Spring	
	for models 41PA8PS, 41PA10PS, 41PA8TS, 41PA10TS, 41PA8TP, 41PA10TP, 41SA8LP, and 41SA10LP	48047
	for models 41PA16PS, 41PA16TS, 41PA16TP, and 41SA17LP	48095
	for models 41PA24PS, 41PA24TS, 41PA24TP, and 41SA25LP	48096
88	Retaining Ring (QTY. 2)	Y145-18
89	Guide	48295-1

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Table 2. 41 Series, Air Screwdriver - Parts List (continued)

Item No.	Part Description	Part Number
90	Spring	47064
91	Ball Sleeve	48294-1
92	Thrust Race	48094
93	Thrust Bearing	38995
94	Thrust Race	48301-1
95	Plunger	48293-2
96	Spindle	48299-1
97	Ball (QTY. 6)	Y16-203
98	Ball (QTY. 6)	Y16-206
99	Ball (QTY. 23)	Y16-204
100	Bit Holder	48298-1
101	Ball	Y16-204
102	Retaining Clip	47695
103	Retainer Ring	48300-1
104	Bushing	46360
105	Clutch Housing (includes 104 and 106)	
	for lever throttle models	48901
	for pistol grip models	48901
106	External Adjustment Sleeve	46534
107	Retaining Clip and Pin	47782
108	Retaining Ring	47779
109	Spring	47778
110	Bushing	47775
111	Sleeve	47702
114	Wave Washer	45645
115	Thrust Bearing Race	42364
116	Sleeve	47702-1
	Service Kit (includes 1, 6[2], 7, 9, 11, 16, 19, 20, 23, 26, 29, 30, 31, 33, 34, 37, 38, 40, 42, 53, 59, 70, 71, 82, 83, 84, 88, 97 [6], 98 [6], 99 [23], 101, 102, and 103)	48910
(a)	Wire Bail Hanger	46328

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Table 2. 41 Series, Air Screwdriver - Parts List (continued)

Item No.	Part Description	Part Number
(a)	Warning Label	
	for all models ending in -EU	EU-99
	for all other models	WARNING-5-99
(a)	CE Label	49882
(a)	Rotation Label	49884
(a)	Forward-Reverse Label	49931

(a) Indicates Not Illustrated.

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