



10569390
Edition 8
January 2025

Air Impact Wrench

3940 and 3942 Series

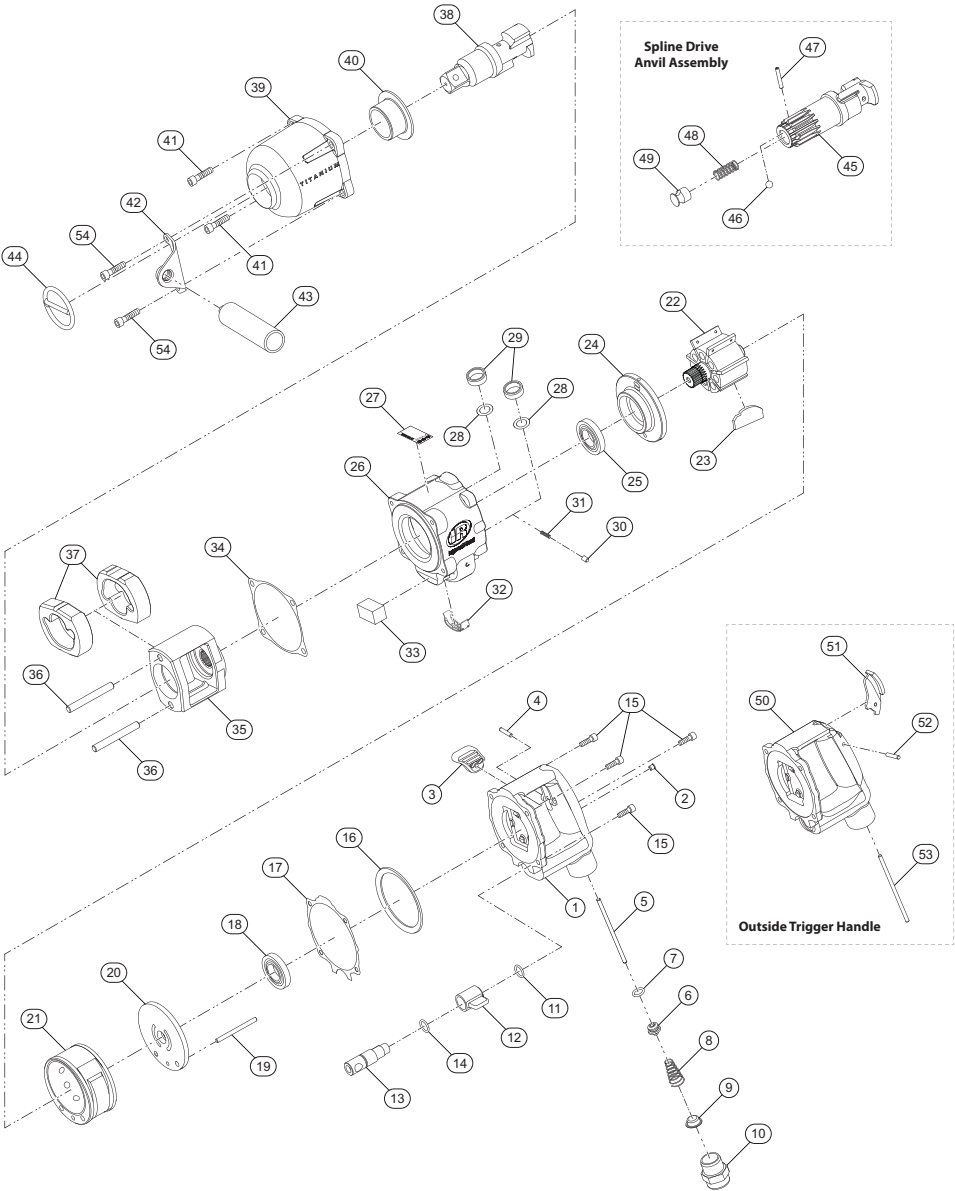
Parts Information



Save These Instructions



3940 and 3942 Series, Air Impact Wrench - Exploded View



(Dwg. 80166754)

3940 and 3942 Series, Air Impact Wrench - Parts List

Item	Part Description	Part Number
1	Inside Trigger Handle Assembly	3940-A92
2	Grease Fitting	130SR-188
3	Trigger	3940-93
4	Trigger Pin	280-265
5	Throttle Valve Plunger	3940-302
6	Throttle Valve Assembly	2934-A50
† 7	Throttle Valve Seal	2934-159
† 8	Throttle Valve Spring	834-51-5
† 9	Air Strainer Screen	434-61
10	Straight Inlet	845-565
† 11	Reverse Valve Seal	R00BR-210
12	Reverse Lever	3940-75
13	Reverse Valve	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, and 3940B2TiEX	3934-329
	For 3942A2Ti, 3942B1Ti, 3942B2Ti, and 3942B2TiEX	3940-329
† 14	Reverse Valve Bushing Seal	85H-167
15	Handle Cap Screw (4 required)	3940-638
16	Motor Clamp Washer	2934-207
† 17	Handle Gasket	3940-283
† 18	Rear Rotor Bearing	508-97
19	Cylinder Dowel	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, and 3940B2TiEX	3934-98
	For 3942A2Ti, 3942B1Ti, 3942B2Ti, and 3942B2TiEX	3940-98
20	Rear End Plate	2934-12
21	Cylinder	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, and 3940B2TiEX	2934-3
	For 3942A2Ti, 3942B1Ti, 3942B2Ti, and 3942B2TiEX	2940-3
22	Rotor	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, and 3940B2TiEX	3934-53
	For 3942A2Ti, 3942B1Ti, 3942B2Ti, and 3942B2TiEX	3940-53
† 23	Vane Packet (set of 7 Vanes)	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, and 3940B2TiEX	2934-42-7
	For 3942A2Ti, 3942B1Ti, 3942B2Ti, and 3942B2TiEX	2940-42-7
24	Front End Plate	3940-11
† 25	Front Rotor Bearing	810-97
26	Motor Housing Assembly	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, and 3940B2TiEX	3934-A40
	For 3942A2Ti, 3942B1Ti, 3942B2Ti, and 3942B2TiEX	3940-A40
27	Warning Label for Impact Tool	WARNING-2-99
† 28	Air Port Gasket Retainer (2 required)	2940-200
† 29	Air Port Gasket (2 required)	R44H-210A
*	ATEX Specification Label	ATEX-301A
† 30	Reverse Lock Plunger	4U-663B

Item	Part Description	Part Number
‡ 31	Reverse Lock Plunger Spring	4U-664-10
32	Exhaust Deflector	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, and 3940B2TiEX	3934-123
	For 3942A2Ti, 3942B1Ti, 3942B2Ti, and 3942B2TiEX	3940-123
‡ 33	Exhaust Silencer	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, and 3940B2TiEX	3934P-311
	For 3942A2Ti, 3942B1Ti, 3942B2Ti, and 3942B2TiEX	3940P-311
‡ 34	Hammer Case Gasket	3940-36
35	Hammer Frame Assembly	2940-A703
36	Hammer Pin (2 required)	2940-704
37	Hammer (2 required)	2940-724
38	1" Square Drive Anvil	
	Standard Length	2940-726
	6" Extended Length	2940-314-6
39	Hammer Case Assembly	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, 3942A2Ti, 3942B1Ti, and 3942B2Ti	3940-D727
	For 3940B2TiEX and 3942B2TiEX	3940EX-D727
40	Hammer Case Bushing	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti, 3942A2Ti, 3942B1Ti, and 3942B2Ti	2934-641
	For 3940B2TiEX and 3942B2TiEX	2934-641SP
41	Hammer Case Cap Screw (2 required)	3940-105
42	Dead Handle Bracket	3940-364
43	Dead Handle	3940-48
44	Socket Retainer	RR10015S
45	Spline Drive Anvil Assembly	2940-A526
‡ 46	Socket Retaining Ball	D04-280
‡ 47	Plunger Retaining Pin	845-128
‡ 48	Retaining Plunger Spring	2940-231-5
49	Retaining Ball Plunger	845-230
50	Outside Trigger Handle Assembly (includes items 2, 6, 7, 8, 9, 10, 11, 51, 52, and 53)	3940-A1
51	Trigger	844-78
52	Trigger Pin	280-265
53	Throttle Valve Plunger	3940A-302
54	Dead Handle Bracket Cap Screw (2 required)	TP-3940-078
*	Grease Gun	R000A2-228
* †	Tune-up Kit (includes items 7, 8, 9, 11, 14, 17, 18, 23, 25, 28 [2], 29 [2], 30, 31, 33, 34, 46, 47, and 48)	
	For 3940A1Ti, 3940A2Ti, 3940B1Ti, 3940B2Ti and 3940B2TiEX	3940-TK1
	For 3942A2Ti, 3942B1Ti, 3942B2Ti and 3942B2TiEX	3942-TK1

* Indicates not illustrated.

‡ Indicates Tune-up Kit part.

† Indicates common-wear parts. Maintain stock to reduce downtime.

Parts and Maintenance

When tool life has expired, it is recommended that the tool be disassembled, degreased and parts separated by material for proper recycling. Tool repair and maintenance should only be carried out by an Authorized Service Center.

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

Related Documentation

Manuals can be downloaded from **ingersollrand.com**

For additional information, refer to:

Product Safety Information Manual 04580916

ATEX Special Conditions for Safe Use Manual 47559151001

Product Information Manual 10569382

Product Maintenance Manual 10569408

CE-Declaration of Conformity 47616441001

UK-Declaration of Conformity 47616441001-UK

Notes:

Notes:
