



16600348
Edition 1
November 2006

Air Impact Wrench

2904 Series

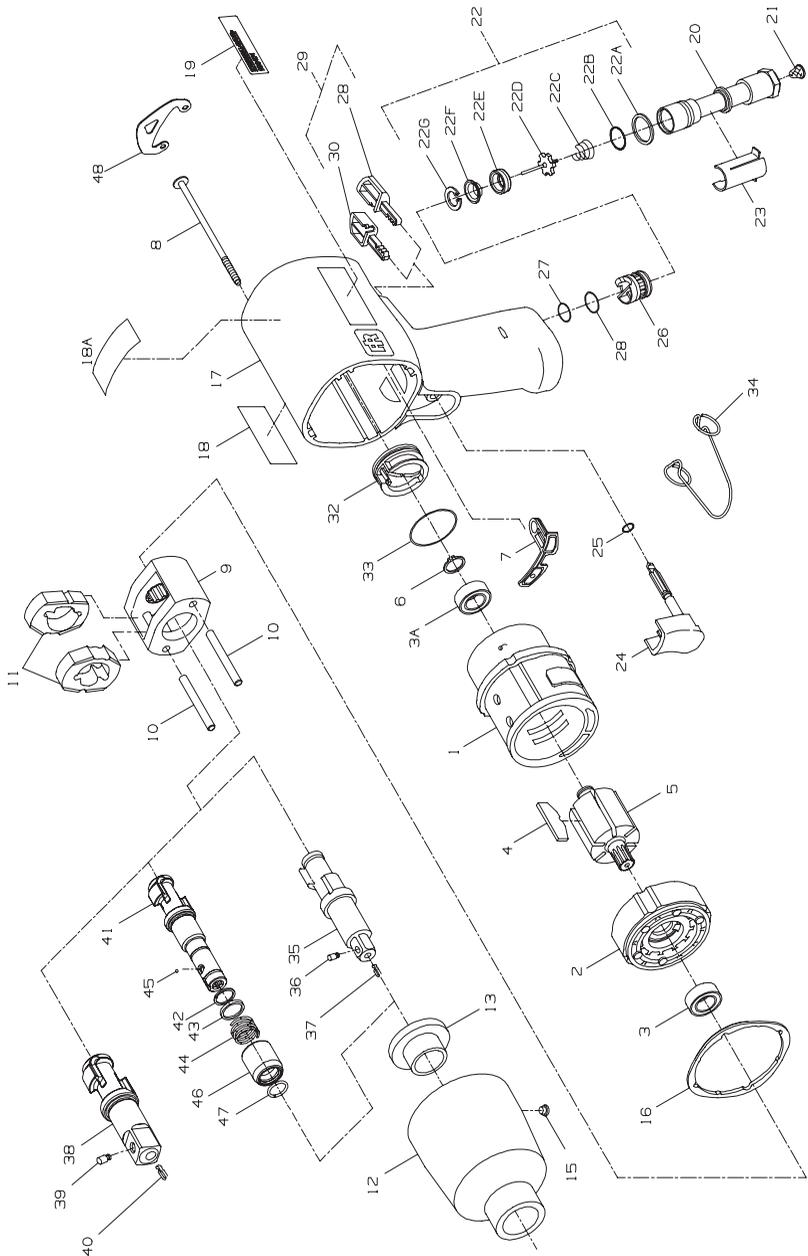
Parts Information



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 **Ingersoll Rand**

2904 Series Air Impact Wrench Exploded Diagram



(Dwg. TPA1714)

2904 Series Air Impact Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Cylinder	2112-3	32	Power Management Dial	2112-A249
2	Front End Plate	2112-11	33	Power Management Dial Seal	2112-248
†	3 Front Rotor Bearing	2131-97	34	Inlet Clip Removal Tool	2131-322
†	3A Rear Rotor Bearing	R00H-97		Anvil Assembly (for 2904P1)	2112P-A626
†•	4 Vane Packet (set of 6 Vanes)	2112-42-6	35	Anvil	2112P-626
5	Rotor	2112-53	† 36	Socket Retainer	5020-716
†	6 Rear Rotor Bearing Retainer	4E-6	† 37	Socket Retainer Spring	401-718
# †•	7 Motor Gasket	2112-283		Anvil Assembly (for 2904P2)	2112P-A726
+	8 Hammer Case Screw (4)	2112-638	38	Anvil	2112P-726
	Hammer Frame Assembly	2112-A703	39	Socket Retainer	804-716
9	Hammer Frame	2112-703	40	Socket Retainer Spring	5UHD-718
10	Hammer Pin (2)	2112-704		Anvil Assembly (for 2904P4) (Quick Change)	2112-A926-4
+	11 Hammer (2)	2112-724	41	Quick Change Anvil	2112-926-4
12	Hammer Case Assembly	2112-727	42	Thrust Ring Lock	5C1-853
13	Bushing	2112-641	43	Thrust Ring	10A902A2-932-4
15	Grease Fitting	D0F9-879	44	Retaining Sleeve Spring	2U-931-4
# †•+	16 Hammer Case Gasket	2112-36	45	Retaining Ball	2U-696
17	Housing Assembly	2112-A40	46	Retaining Sleeve	2U-930-4
18	Housing Label	2112-99	47	Retaining Sleeve Stop	2U-933-4
18A	Warning Label	WARNING-2-99	48	Hanger	2112-366
19	Nameplate		*	Grease (1 lb) (for external lubrication of the impact mechanism)	115-1LB
	for 2904P1	2904P1-301			
	for 2904P2	2904P2-301			
	for 2904P4	2904P4-301			
	Inlet Bushing Assembly	2131-A565	*	Grease (for lubrication when disassembling and assembling the impact mechanism)	
20	Inlet Bushing	2131-565			
†	21 Screen	5RA-61			
†	22 Inlet Parts Kit	2131-K303			
22A	Washer	---		1 lb	105-1LB
†	22B Inlet Bushing Seal	---	*	8 lb	105-8LB
22C	Tilt Valve Spring	---	*	Protective Cover	2112-P32
22D	Tilt Valve	---	*	Grease Gun	R000A2-228
22E	Tilt Valve Seat	---	*	Seal Kit (includes illustrated items 7, 16, 22B, 25, 27, 28 and 33)	2112-K36
22F	Tilt Valve Seat Support	---			
22G	Tilt Valve Seat Retainer	---			
23	Inlet Retainer Clip	2131-57	*	Tune up Kit (includes illustrated items 3, 3A, 4, 6, 7, 16, 21, 22, 25, 27, 28, 33, 36 and 37)	2904P-TK2
•	24 Trigger Assembly	2131-A93			
# †	25 Trigger O ring	---			
26	Reverse Valve Assembly	2131-A329	*	Hammer Kit (for 2904P1) (includes illustrated items 8 [4], 11 [2], 16, and Anvil Assembly part number 2112P A626)	2904P1-THK1
# †	27 Reverse Valve O ring (top)	---			
# †	28 Reverse Valve O ring (bottom) (blue)	---			
29	Button Kit	2112-K75	*	Hammer Kit (for 2904P2) (includes illustrated items 8 [4], 11 [2], 16 and Anvil assembly part number 2112P A726)	2904P2-THK1
30	Forward Button	---			
31	Reverse Button	---			

† Indicates Tune-up Kit part.

+ Indicates Hammer Kit part.

Indicates Seal Kit part.

* Not illustrated.

• To keep downtime to a minimum, it is desirable to have on hand certain repair parts. We recommend that you stock one (pair or set) of each part indicated by a bullet (•) for every four tools in service.

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

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

For additional information refer to:

Air Impact Wrench Product Safety Information Manual 04580916.

Air Impact Wrench Product Information Manual 04576575.

Air Impact Wrench Maintenance Information Manual 16600355.

Manuals can be downloaded from www.irtools.com.

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