



04584397
Edition 2
November 2006

Air Impact Wrench

2903P Series

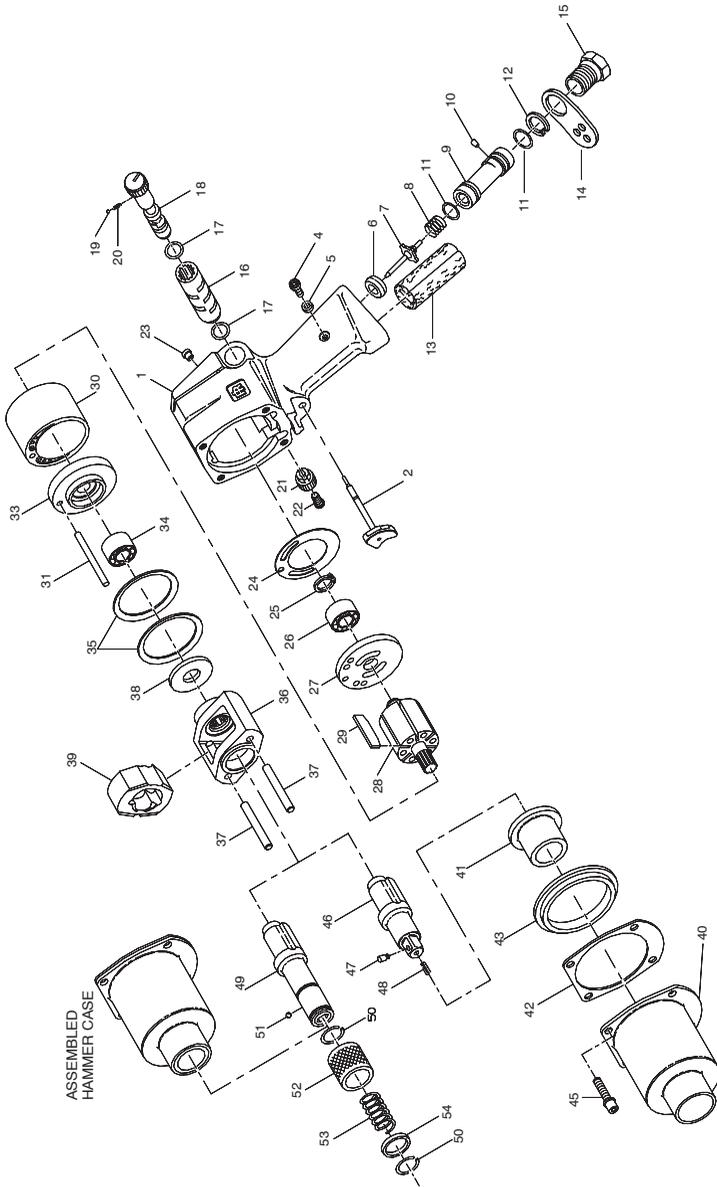
Parts Information



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2903P Series Air Impact Wrench Exploded Diagram



(Dwg. TPA890-3)

2903P Series Air Impact Wrench Parts List

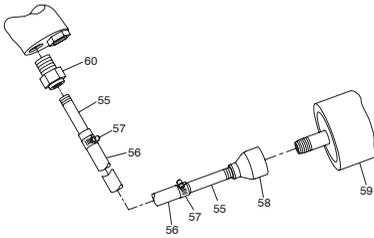
Item	Part Description	Part Number	Item	Part Description	Part Number
1	Motor Housing Assembly	2903-A40	39	Hammer	236-703
2	Trigger Assembly	7AH-A93	40	Hammer Case Assembly for all models ending in -EU for all other models	2903P-EU-A727
4	Oil Chamber Plug	D92-227			2903P-A727
†• 5	Oil Chamber Plug Seal	R3-92A	41	Hammer Case Bushing	705-941
† 6	Throttle Valve Seat	2908-303			
† 7	Throttle Valve	LG2-302	† 42	Hammer Case Gasket	2905P-36
† 8	Throttle Valve Spring	2908-51	*	Hammer Case Label for all models ending in -EU for all other models	EU-99
9	Oiler Body Assembly	2905P-A198			WARNING-2-99
10	Oiler Plug	77H-75			
†• 11	Oiler Body Seal (2)	AF120-290	43	Hammer Case Pilot	405-800
12	Oiler Retaining Ring	2908-304	45	Hammer Case Cap Screw (4)	231-638
† 13	Exhaust Silencer	2940P-311	46	Anvil Assembly with Pin Type Retainer for 1/2" Square Drive for 3/8" Square Drive	2903P-A726
14	Exhaust Deflector	2905P-23			2903P-A626
15	Air Inlet	402-565			
16	Reverse Valve Bushing Assembly	231-A330	†• 47	Socket Retaining Plunger for 1/2" Square Drive for 3/8" Square Drive	804-716
†• 17	Reverse Valve Bushing Seal (2)	PS3-67	†• 48	Retaining Plunger Spring for 1/2" Square Drive for 3/8" Square Drive	2902-716
18	Reverse Valve	231-329A			
† 19	Reverse Valve Detent Ball	AV1-255			
† 20	Reverse Valve Detent Spring	231-664			
21	Reverse Valve Knob	231-666			
22	Reverse Valve Knob Screw	231-665			
23	Grease Fitting	130SR-188		Quick-Change Anvil Assembly with 7/16" Hex Recess	2903P-A926-7
†• 24	End Plate Gasket	231-283	49	Quick-Change Anvil	2903-926-7
† 25	Rear Rotor Bearing Retainer	402-118	50	Thrust Ring Lock (2)	4U-933-7
† 26	Rear Rotor Bearing	402-22	51	Retaining Ball (7/32" diameter)	2U-722
27	Rear End Plate	231-12	52	Retaining Sleeve	4U-930-7
28	Rotor	2903P-53	53	Retaining Sleeve Spring	4U-931-7
† 29	Vane Packet (Set of 6 Vanes)	402-42-6	54	Thrust Ring	4U-932-7
30	Cylinder	2903P-3	*	Nameplate	2903P-301
31	Cylinder Dowel	402-98	*	Grease Gun	R000A2-228
33	Front End Plate	231-11	*	Tune-up Kit (includes illustrated parts 5, 6, 7, 8, 11 [2], 13, 17 [2], 19, 20, 24, 25, 26, 29, 34, 42, 47 and 48)	2903P-TK2
† 34	Front Rotor Bearing	4U-97			
35	Motor Clamp Washer (2)	227-207	*	Horizontal Hanger	904-366
36	Hammer Frame	231XP-724	*	Vertical Hanger	2908-368
37	Hammer Pin (2)	2903P-704			
38	Rear Hammer Frame Washer	231-706			

* Not illustrated.

† Indicates Tune-up Kit part.

- 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.

Accessories and Special Equipments



(Dwg. TPC453)

Item	Part Description	Part Number
	Piped-Away Exhaust Kit with Muffler	2905-KM184
	without Muffler	2905-K184
55	Hose Adapter (2)	2905-167
56	Exhaust Hose (10 ft long)	2905-184
57	Hose Clamp (2)	2905-185
58	Muffler Coupling	2905-186
59	Muffler	2905-674
60	Reducing Bushing	H80-82A

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.

Related Documentation

For additional information refer to:
Air Impact Wrench Product Safety Information Manual Form 04580916.
Air Impact Wrench Product Information Manual Form 04584777.
Air Impact Wrench Maintenance Information Manual Form 04584249.

Manuals can be downloaded from www.irttools.com.

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