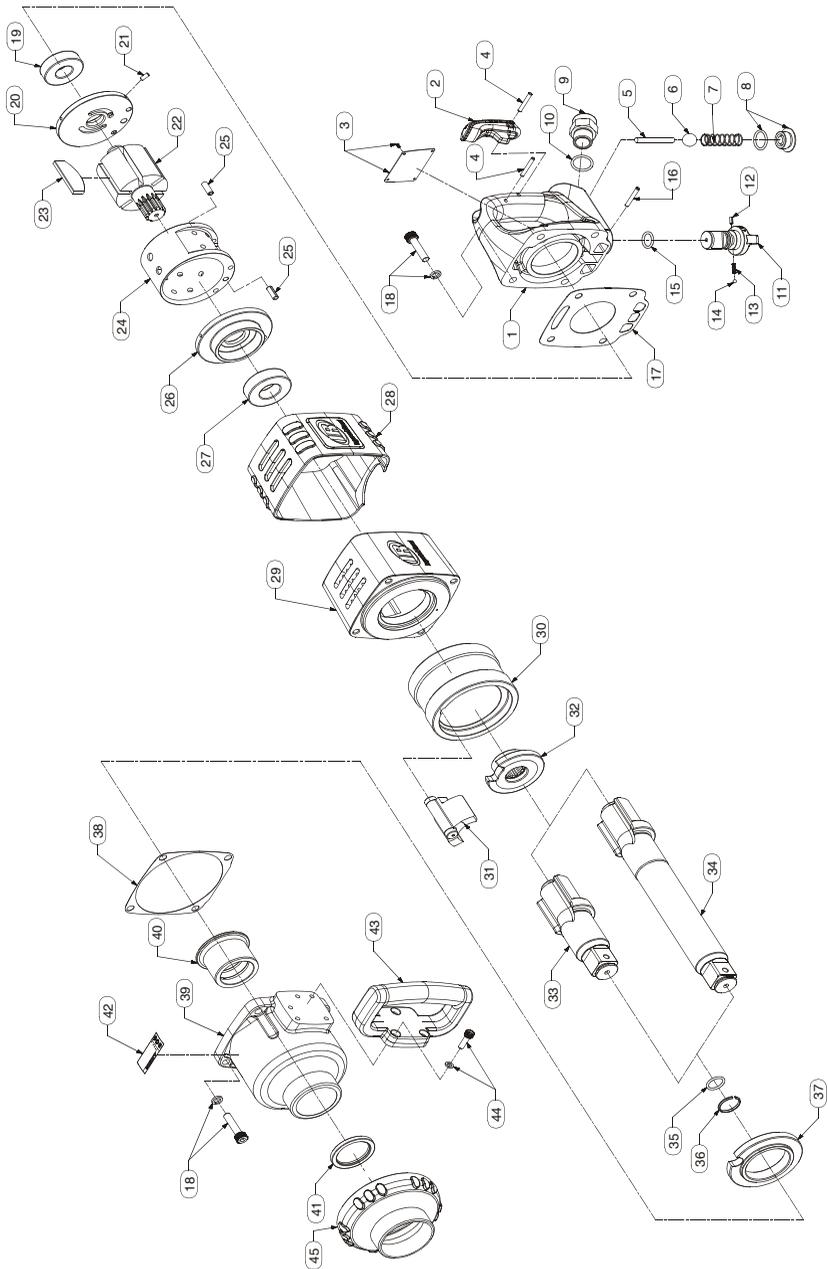


431L Air Impact Wrench Exploded Diagram



(Dwg. 16586711)

431L Air Impact Wrench Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Trigger Handle Assy.	431L-A92A	26	Front End Plate	285B-11
2	Trigger	431L-93	27	Front Rotor Bearing	285B-96
3	Nameplate and 4 rivets	431L-A301	28	Tool Guard	431L-32
4	Pin (2)	431L-437	29	Motor Housing, top exhaust	431L-40
5	Plunger, Throttle Valve	285B-302	30	Hammer Frame	285B-703
6	Throttle Valve	285B-50	31	Hammer	285B-724
7	Spring, Throttle Valve	285B-51	32	Hammer Cam	285B-721
8	Plug and Seal	431L-A202	33	Anvil assembly, Std. Length	285B-A726
9	Inlet Bushing Assembly	285B-A565	34	Anvil Assembly, 6" extended Length	285B-A726-6
10	O-Ring	285B-566	35	O-Ring	BBFM-557
11	Reverse Valve Assembly	285B-A329	36	Retainer Ring	910E5-918
12	Stop Pin	285B-332	37	Side Plate	285B-706
13	Spring	285B-334	38	Hammer Case Gasket	285B-36
14	Ball	285B-333	39	Hammer Case Assembly	285B-A727
15	Reverse Valve Seal	285B-338	40	Hammer Case Bushing	285B-641
16	Pin, Spring	285B-120	41	Oil Seal	285B-642
17	Gasket, Handle	285B-283	42	Warning Label	Warning-2-99
18	Handle Cap Screw and washer (Set of 8)	285B-A638	43	Dead Handle (Straight) with screws	285B-A48
19	Rear Rotor Bearing	285B-24	44	Screw and Washer (3)	
20	End Plate with alignment pin	285B-A12	45	Hammer Case Guard	431L-62
21	Pin, Spring			Tune up kit (includes items 5, 6, 7, 10, 12, 13, 14, 15, 16, 17, 19, 23, 27, 35, 36, 38 & 41)	285B-TK1
22	Rotor	285B-53			
23	Vane Pack (Set of 6)	285B-42-6			
24	Cylinder and Alignment Pins	285B-A3			
25	Pin, Spring (2)				

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 Safety Information Manual Form 04580916.

Air Impact Wrench Product Information Manual Form 80160666.

Manuals can be downloaded from www.irtools.com.