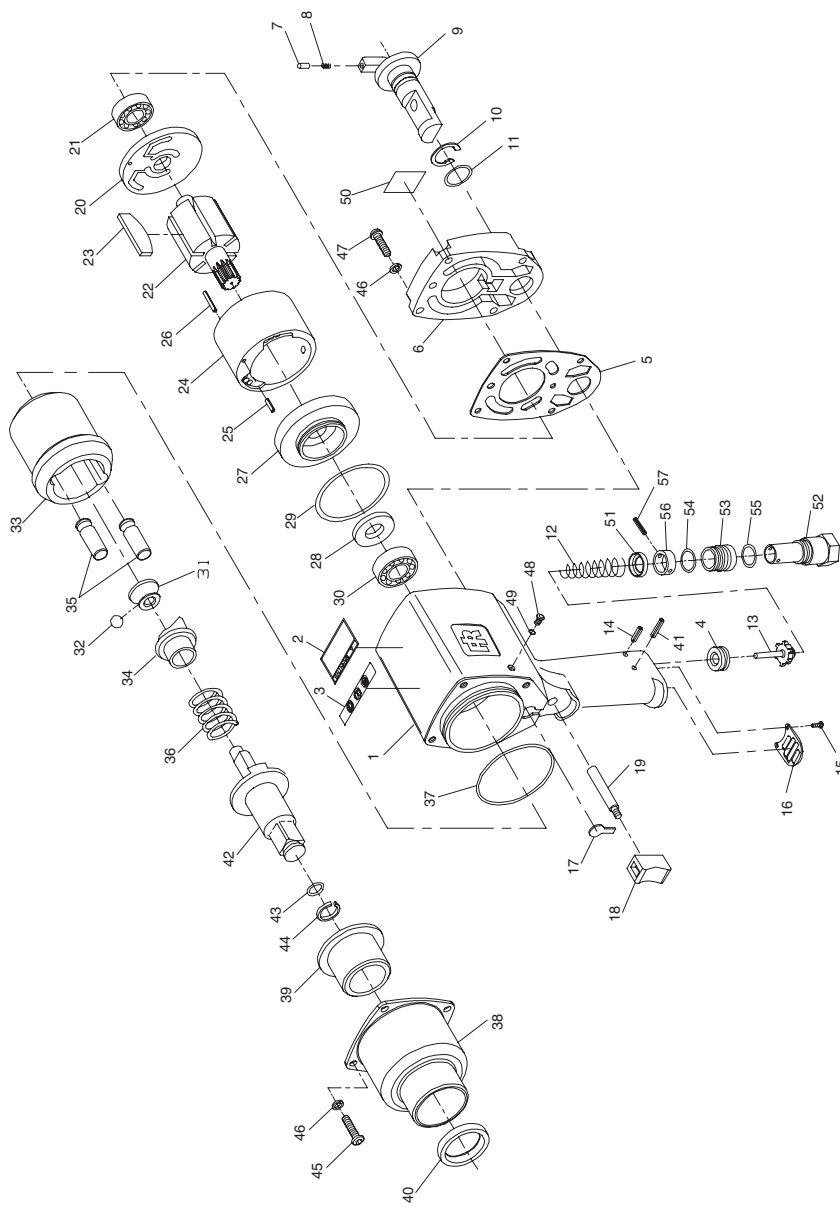


252 Air Impacttool Exploded Diagram



(Dwg. TPA1549)

252 Air Impactool Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
1	Housing	252-40	34	Hammer Cam	252-724
2	Warning Label (for model 252)	222-99	35	Spindle Guide Pin (2)	252-704
3	Warning Label (for models 252-EU, and 252-3-EU)	EU-99	36	Hammer Spring	252-707
4	Valve Seat	255-118A	37	Hammer Case O-Ring	252-168
5	Housing Cover Gasket	252-739	38	Hammer Case Assembly	252-A727
6	Motor Housing Cover	252-202	39	Hammer Case Bushing	252-641
7	Reverse Valve Stop Pin	235-421	40	Hammer Case Oil Seal	252-271
8	Reverse Valve Stop Spring	207-334	41	Pin	251-524
9	Reverse Valve	255A-329	42	Anvil Assembly	
10	Retainer	255A-218		for 252 and 252-EU	252-A626
11	O-Ring	255A-338		for 252-3-EU	252-A626-3
12	Throttle Valve Spring	252-51	43	Socket Retaining O-Ring	251-426
13	Throttle Valve	255-302	44	Socket Retaining Ring	251-425
14	Spring Pin	255-39	45	Hammer Case Cap Screw (4)	251-640
15	Screw (2)	255-69	46	Hammer Case Cap Screw Washers (8)	251-57
16	Exhaust Deflector	255-23	47	Housing Cover Cap Screws (4)	255-640
17	Trigger Retainer	235-94	48	Oil Plug Assembly	255-A377
18	Trigger	235-93	49	Oil Plug O-Ring	255-378
19	Throttle Push Rod	252-32	50	Nameplate	
20	Rear End Plate	252-12		for model 252	252-301
21	Rear Rotor Bearing	251-24		for model 252-EU	252-EU-301
22	Rotor	252-53		for model 252-3-EU	252-3-EU-301
23	Vane Packet (set of 6 Vanes)	252-42-6	51	Retainer	252-606
24	Cylinder	251-3	52	Inlet Bushing Assembly	252-A465
25	Cylinder Dowel (short)	251-98	53	Bushing Assembly	252-A781
26	Cylinder Dowel (long)	252-524	54	O-Ring	255-166
27	Front End Plate Assembly	252-A11	55	Bushing O-Ring	252-166
28	Oil Seal	251-708	56	Bushing	252-30
29	O-Ring	255-167	57	Spring Pin	255-39
30	Front Rotor Bearing	251-24	*	Tune-up Kit (Includes Parts; 4, 5, 7, 8, 10, 11, 12, 13, 21, 23, 28, 29, 37, 40, 43, 44, 49, 51, 54 and 55)	252-TK2
31	Spindle Guide	252-630			
32	Ball	251-722			
33	Hammer Cage	252-712			

* Not illustrated.

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 04584827.

Manuals can be downloaded from www.irttools.com.