

Air Impact Wrench

Models 1712B2 and 1712P2



Product Parts Information



Save These Instructions



Edition 17
March 2020
CCN 03531753

When tool life has expired, it is recommended to:

- disassemble the tool
- degrease the tool
- separate tool parts by material for correct recycling

Tool repair and maintenance should be conducted by an authorized service center.

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

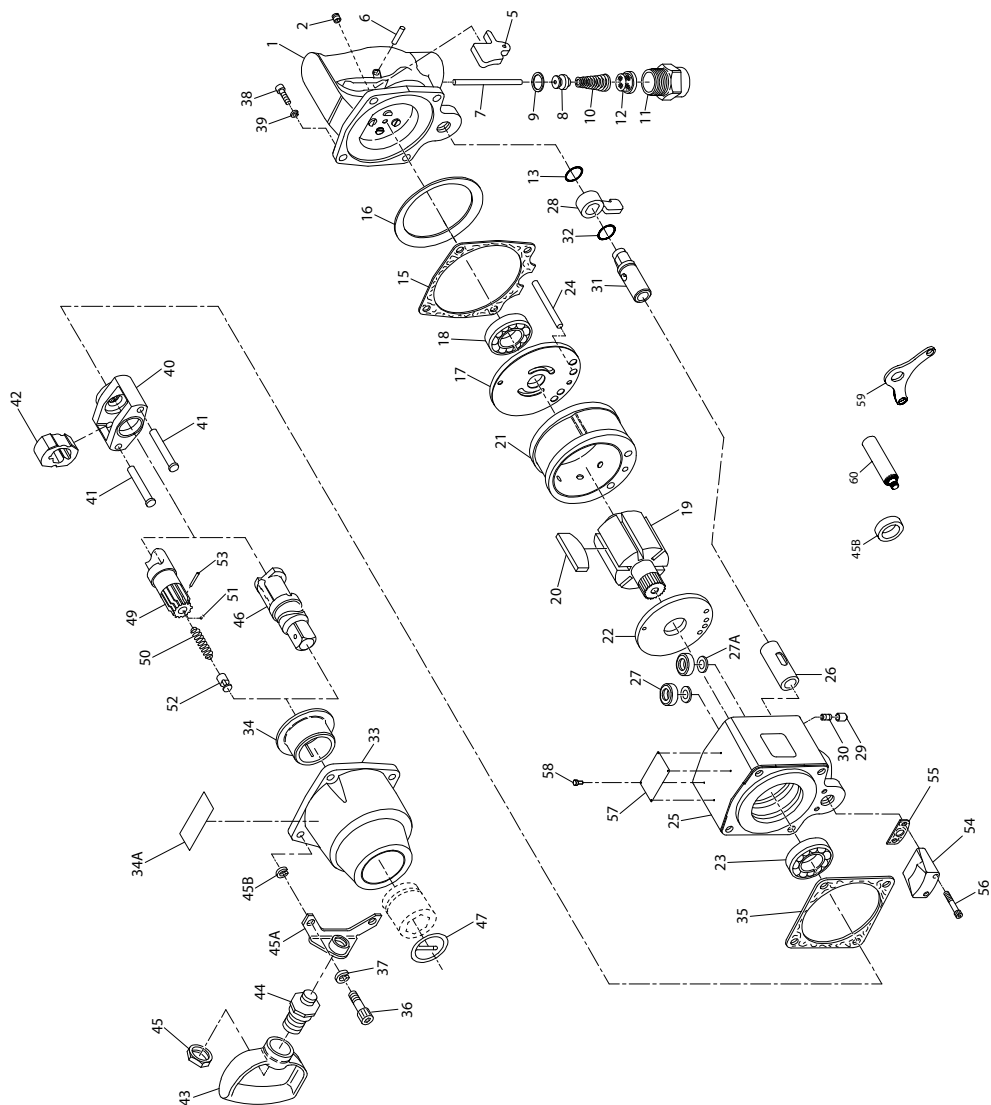
Manuals are available at ingersollrandproducts.com

Table 1. Product Information Manuals

Publication	CCN
Product Safety Information Manual	04580916
Product Information Manual	16581977

Model 1712B2 Air Impact Wrench

Figure 1. Exploded View - TPB516-7



Model 1712B2 Air Impact Wrench

Table 2. Model 1712B2 Air Impact Wrench - Parts List

Item	Part Description	Part Number
1	Inside Trigger Handle Assembly	1712-A92
2	Grease Fitting	130SR-188
5	Inside Trigger	834-93A
(a) 6	Inside Trigger Pin	534-265
7	Throttle Valve Plunger	2934-302
8	Throttle Valve Assembly	2934-A50
(a) (b) 9	Throttle Valve Face	2934-159
(a) (b) 10	Throttle Valve Spring	834-51
11	Straight Inlet	845-565
(b) 12	Air Strainer Screen	434-61
(a) (b) 13	Reverse Valve Seal	R00BR-210
(a) (b) 15	Handle Gasket	2934-283
16	Motor Clamp Washer	2934-207
17	Rear End Plate	2934-12
(b) 18	Rear Rotor Bearing	508-97
19	Rotor	2934-53
(a) (b) 20	Vane Packet (set of 6 vanes)	2934-42-6
21	Cylinder	2934-3
22	Front End Plate	2934-11
(b) 23	Front Rotor Bearing	810-97
24	Cylinder Dowel	2934-98
25	Motor Housing Assembly	1712-A40
26	Reverse Valve Bushing	2934-330S
(a) (b) 27	Air Port Gasket (QTY. 2)	R44H-210A
(a) (b) 27A	Air Port Gasket Retainer (QTY. 2)	2940-200
28	Reverse Lever	2934-658A
(a) (b) 29	Reverse Lock Plunger	4U-663B
(a) (b) 30	Reverse Lock Plunger Spring	4U-664
31	Reverse Valve Assembly	2934-A329
(a) (b) 32	Valve Seal	85H-167
33	Hammer Case Assembly	1712B-A727
34	Hammer Case Bushing	2934-641
34A	Warning Label	WARNING-2-99
(b) 35	Hammer Case Gasket	2934-36
36	Hammer Case Cap Screw (QTY. 4)	834-638
37	Hammer Case Lock Washer (QTY. 4)	34U-58
38	Handle Cap Screw (QTY. 4)	510-638

Model 1712B2 Air Impact Wrench

Table 2. Model 1712B2 Air Impact Wrench - Parts List (continued)

Item	Part Description	Part Number
39	Cap Screw Lock Washer (QTY. 4)	8U-58
40	Hammer Frame Assembly	2934-A703
41	Hammer Pin (QTY. 2)	2934-704
42	Hammer	1712-724
43	Side Spade Handle	T15-41
44	Side Spade Handle Stud	534-148
45	Side Spade Handle Stud Nut	107-73A
45A	Side Spade Handle Bracket	2934-364
45B	Side Spade Handle Bracket Spacer (QTY. 2)	2934-140
46	1" Square Drive Anvil	
	Standard Length	1712-726
	6" Extended Length	280-726-6
(a) 47	Retainer Ring (for 1" Square Drive Anvil)	RR10015S
49	Spline Drive Anvil Assembly	
	Standard Length	1712-A526
	6" Extended Length	280-A514-6
50	Retaining Plunger Spring	2940-231
51	Socket Retaining Ball	D04-280
52	Retaining Ball Plunger	845-230
53	Plunger Retaining Pin	845-128
54	Deflector	2934-23A
55	Gasket	2934-223
56	Screw (QTY. 2)	R43F-104
57	Nameplate	1712-301
58	Nameplate Screw (QTY. 4)	C32-302
59	Horizontal Hanger	2934-366
60	Auxiliary Handle	834-48
(c)	Exhaust Deflector Kit	2934-K23
63	Piped-Away Exhaust Kit	2940-K184
(c)	Tune-up Kit (includes illustrated parts 3, 9, 10, 12, 13, 15, 18, 20, 23, 27, 27A, 29, 30, 32 and 35)	1712B/1712P-TK3

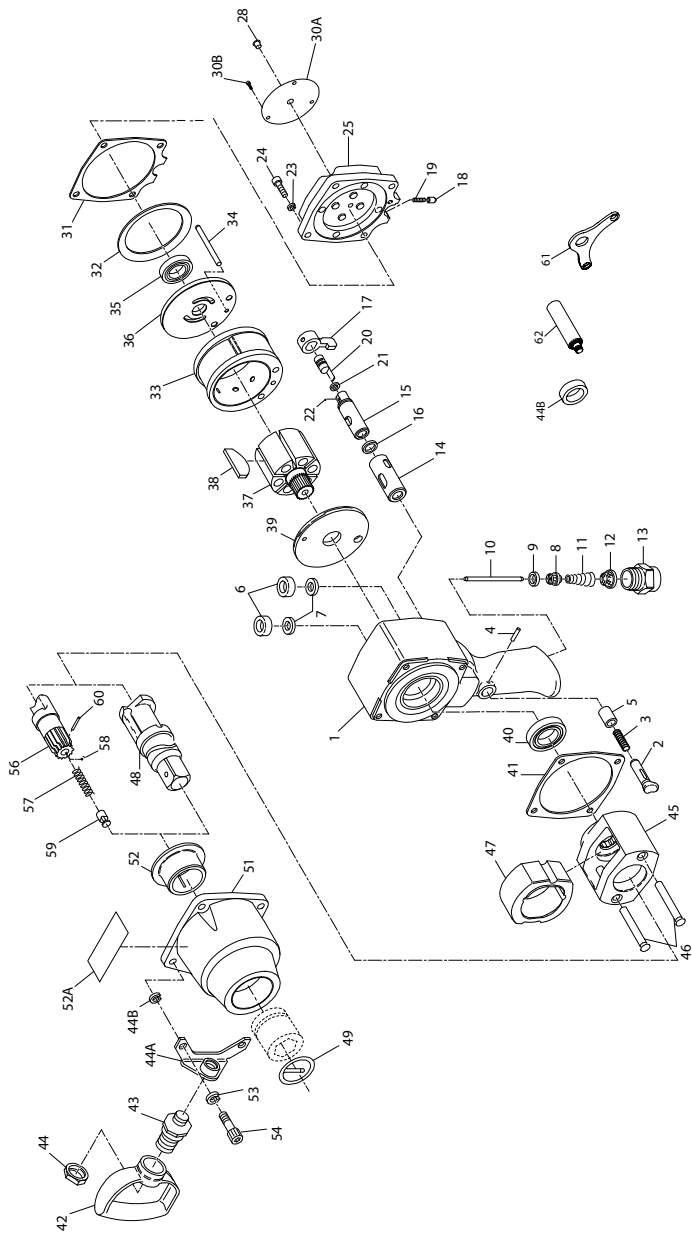
(a) Indicates common-wear parts. Maintain stock to reduce downtime.

(b) Indicates Tune-up Kit Part.

(c) Indicates Not Illustrated.

Model 1712P2 Air Impact Wrench

Figure 2. Exploded View - TPA873-5



Model 1712P2 Air Impact Wrench

Table 3. Model 1712P2 Air Impact Wrench - Parts List

Item	Part Description	Part Number
1	Motor Housing Assembly	1712P-A40
2	Trigger	2934P-93
3	Trigger Spring	2934P-51
5	Trigger Bushing	2905-91S
(a) (b) 6	Air Port Gasket (QTY. 2)	R44H-210A
(a) (b) 7	Gasket Retainer (QTY. 2)	2940-200
8	Throttle Valve	2934P-A50
(a) (b) 9	Throttle Valve Face	2934-159
10	Throttle Valve Plunger	2934P-302
(a) (b) 11	Throttle Valve Spring	834-51
(b) 12	Air Strainer Screen	434-61
13	Straight Inlet	845-565
14	Reverse Valve Bushing	2934P-330S
15	Reverse Valve Assembly	2934P-A329
(a) (b) 16	Reverse Valve Seal	85H-167
17	Reverse Lever	2934-658A
(a) (b) 18	Reverse Lock Plunger	4U-663B
(b) 19	Reverse Lock Spring	4U-664
20	Power Regulator Assembly	2934P-A249
(b) 21	Power Regulator Seal	R1A-159
22	Power Regulator Retaining Ball	AV1-255
23	Housing Cover Lock Washer (QTY. 4)	8U-58
24	Housing Cover Cap Screw (QTY. 4)	510-638
25	Housing Cover Assembly	1712P-A102
28	Grease Fitting	130SR-188
30A	Nameplate	1712P-301
(b) 30B	Nameplate Screws (QTY. 3)	C32-302
(b) 31	Housing Cover Gasket	2934-283
32	Motor Clamp Washer	2934-207
33	Cylinder	2934-3
34	Cylinder Dowel	2934-98
(b) 35	Rear Rotor Bearing	508-97
36	Rear End Plate	2934-12
37	Rotor	2934-53
(a) (b) 38	Vane Packet (set of 6 vanes)	2934-42-6
39	Front End Plate	2934-11

Model 1712P2 Air Impact Wrench

Table 3. Model 1712P2 Air Impact Wrench - Parts List (continued)

Item	Part Description	Part Number
(b) 40	Front Rotor Bearing	810-97
(a) (b) 41	Hammer Case Gasket	2934-36
42	Side Spade Handle	T15-41
43	Side Spade Handle Stud	534-448
44	Side Spade Handle Nut	107-73A
44A	Side Spade Handle Bracket	2934-364
44B	Side Spade Handle Bracket Spacer (QTY. 2)	2934-140
45	Hammer Frame Assembly	2934-A703
46	Hammer Pin (QTY. 2)	2934-704
47	Hammer	1712-724
48	1" Square Drive Anvil	
	Standard Length	1712-726
	6" Extended Length	280-726-6
(a) 49	Retainer Ring (for 1" Square Drive Anvil)	RR10015S
51	Hammer Case Assembly	1712-A727
52	Hammer Case Bushing	2934-641
52A	Warning Label	WARNING-2-99
53	Cap Screw Lock Washer (QTY. 4)	34U-58
54	Hammer Case Cap Screw (QTY. 4)	834-638
(c)	Muffler	2910-674
56	Spline Drive Anvil Assembly	
	Standard Length	1712-A526
	6" Extended Length	280-A514-6
57	Retaining Plunger Spring	2940-231
58	Socket Retaining Ball	D04-280
59	Retaining Ball Plunger	845-230
60	Plunger Retaining Pin	845-128
61	Horizontal Hanger	2934-366
62	Auxiliary Handle	834-48
(c)	Tune-up Kit (includes illustrated parts 3, 6, 7, 9, 11, 12, 16, 18, 19, 21, 27, 30, 31, 35, 38, 40 and 41)	1712B/1712P-TK3

(a) Indicates common-wear parts. Maintain stock to reduce downtime.

(b) Indicates Tune-up Kit Part.

(c) Indicates Not Illustrated.

Exhaust Kit

Figure 3. Piped-Away Exhaust Kit - TPA559

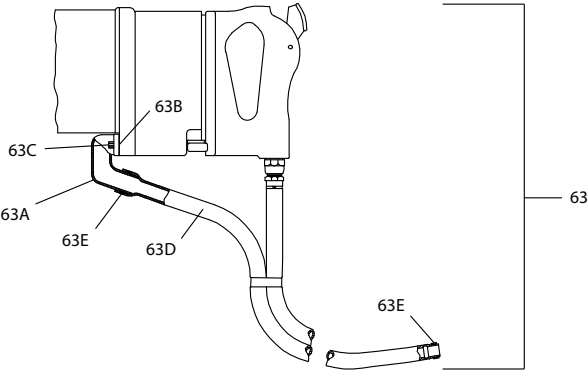


Table 4. Exhaust Kits - Parts List

Item	Part Description	Part Number
(a)	Exhaust Deflector Kit	2934-K23
	Deflector	2934-23A
	Exhaust Baffle	2934-124
	Gasket	2934-223
	Silencer	2940P-311
	Screw (QTY. 2)	R43F-104
63	Piped-Away Exhaust Kit	2940-K184
63A	Exhaust Adapter	2940-167
63B	Exhaust Adapter Gasket	2940-30
63C	Adapter Cap Screw (QTY. 2)	AL-638
63D	Exhaust Hose	R21-B230
63E	Hose Clamp (QTY. 2)	R21-31

(a) Indicates Not Illustrated.

Notes
