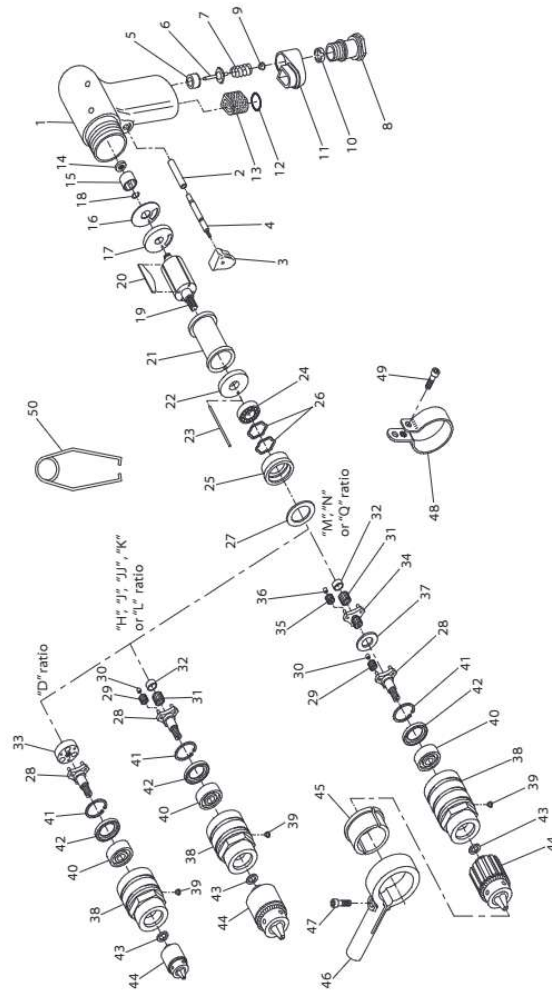


Series 7A Air Drill Exploded Diagram



(Dwg. TPA1365-1)

Series 7A Air Drill Parts List

Item	Part Description	Part Number	Item	Part Description	Part Number
	Motor Housing Assembly		32	Rotor Pinion Spacer	
	for models ending in EU	7AH-EU-AST40A		for H, J, M or N ratio	7AH-18
	for all other models	7AH-AST40A		for JJ ratio	7AJJ-18
1	Motor Housing		33	Drive Plate (for D ratio)	7AD-171
	for models ending in EU	7AH-EU-BST40A	34	Gear Head	
	for all other models	7AH-BST40A		for M ratio (16 teeth)	7AM-216
*	Warning Label			for N ratio (10 teeth)	7AN-216
	for models ending in EU	EU-99		for Q ratio (13 teeth)	7AQ-216
	for all other models	WARNING-7-99	35	Gear Head Planet Gear Assembly (3)	
2	Trigger Bushing	4RA-91		for M or N ratio (15 teeth)	7AH-A10
	Trigger Assembly	7AH-A93		for Q ratio (21 teeth)	7AP-A10
3	Trigger	5RA-93	36	Gear Head Planet Gear Bearing	
4	Trigger Pin	7AH-94		(1 for each Gear) (for M, N or Q ratio)	7AH-500
* 5	Throttle Valve Seat	7AH-303	37	Gear Head Spacer (for M, N or Q ratio)	7AN-80
* 6	Throttle Valve	7AH-302		Gear Case Assembly	
* 7	Throttle Valve Spring	7AH-51		for D, H, J, JJ, K or L ratio	
	Inlet Bushing Assembly	7AH-A565		models ending in ST4 or ST6	7AH-A37A
* 9	Air Strainer Screen	R0A2-61		for D, H, J, JJ, K or L ratio	
10	Inlet Bushing Spacer	7AH-65		models ending in EU	7AH-EU-A37A
11	Muffler Assembly	3RA-A123		for M, N or Q ratio models	
* 12	Muffler O-ring	85H-167		ending in ST6 or ST8	7AN-A37A
* 13	Muffler Element	7RA-311		for M, N or Q ratio models	
* 14	Rear Rotor Bearing Nut	7AH-105A		ending in EU	7AN-EU-A37A
* 15	Rear Rotor Bearing	7AH-24	38	Gear Case	
* 16	Rear End Plate Gasket	7AH-739		for D, H, J, JJ, K or L ratio models	
17	Rear End Plate	7AH-12		ending in ST4 or ST6	7AH-B37A
* 18	Rear End plate Retainer	7AH-118		for D, H, J, JJ, K or L ratio	
19	Rotor			models ending in EU	7AH-EU-B37A
	for D, H, J, L, M or N ratio (7 teeth)	7AH-53		for M, N or Q ratio models	
	for JJ ratio (6 teeth)	7AJJ-53		ending in ST6 or ST8	7AN-B37A
	for K or Q ratio (10 teeth)	7AK-53		for M, N or Q ratio models	
* 20	Vane Packet (set of 4 Vanes)	7AH-42A-4		ending in EU	7AN-EU-B37A
21	Cylinder	7AH-3A	39	Grease Fitting	D0F9-879
22	Front End Plate	7AH-11	40	Spindle Bearing	5A-510
23	Cylinder Dowel	7AH-98	41	Spindle Bearing Retainer	7AH-28
* 24	Front Rotor Bearing	R1-22	42	Grease Shield	7AH-701
25	Front Rotor Bearing Housing	7AH-13	43	Drill Chuck Spacer	5A-90
26	Bearing Spring Washer (2)	7AH-278	44	Drill Chuck	
27	Bearing Housing Spacer	7AH-81		for D, H, J or JJ ratio (0 to 1/4"	
28	Spindle			[0 to 6 mm] capacity)	R00A-99
	for D or J ratio	7AJ-8A		for K, L or M ratio (0 to 3/8"	
	for H ratio	7AH-8		[0 to 10 mm] capacity)	6A-99
	for JJ or Q ratio	7AQ-8A		for N or Q ratio (5/64" to 1/2"	
	for K or N ratio	7AK-8		[2 to 13 mm] capacity)	R0K-99
	for L ratio	7AL-8	*	Chuck Key	
	for M ratio	7AM-8A		for R00A-99 chuck	R00A-J253
29	Spindle Planet Gear Assembly (3)			for 6A-99 chuck	R0J-J253
	for H ratio (15 teeth)	7AH-A10		for R0K-99 chuck	R1T-J253
	for J or M ratio (18 teeth)	7AJ-A10	*	Dead Handle Label (for 7ANST8 and	
	for JJ or Q ratio (19 teeth)	7AQ-A10		7AQST8)	7AQ-245
	for K or N ratio (21 teeth)	7AK-A10	45	Dead Handle Adapter (2)	7A-49
	for L ratio (22 teeth)	7AL-A10	46	Dead Handle Assembly	R1A-A48
30	Spindle Planet Gear Bearing		47	Pinch Bolt	510-638
	(1 for each Gear)			Horizontal Hanger Assembly	7RA-A366
	for H ratio	7AH-500	48	Horizontal Hanger	7RA-366
	for J, JJ, M or Q ratio	7AJ-500	49	Hanger Screw	AL-638
	for K, L or N ratio	7AK-500	50	Vertical Hanger	7L-365
31	Rotor Pinion		*	Chuck Shield Kit (for D, H, J, JJ or K ratio)	7AH-K309
	for H, M or N ratio (22 teeth)	7AH-17	*	Warning Label (for N or Q ratio)	7AO-245
	for J ratio (16 teeth)	7AJ-17	*	Tune-up Kit (includes illustrated items 5,	
	for JJ ratio (13 teeth)	7AJJ-17		6, 7, 9, 12, 13, 15, 16, 18, 20 and 24)	7A-DRILLS-TK1

* 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.