HEDRY TOOLS

Industrial Airtools at Work

Models

41-GL

41-GLS

41-GL+3"

41-GL+6"







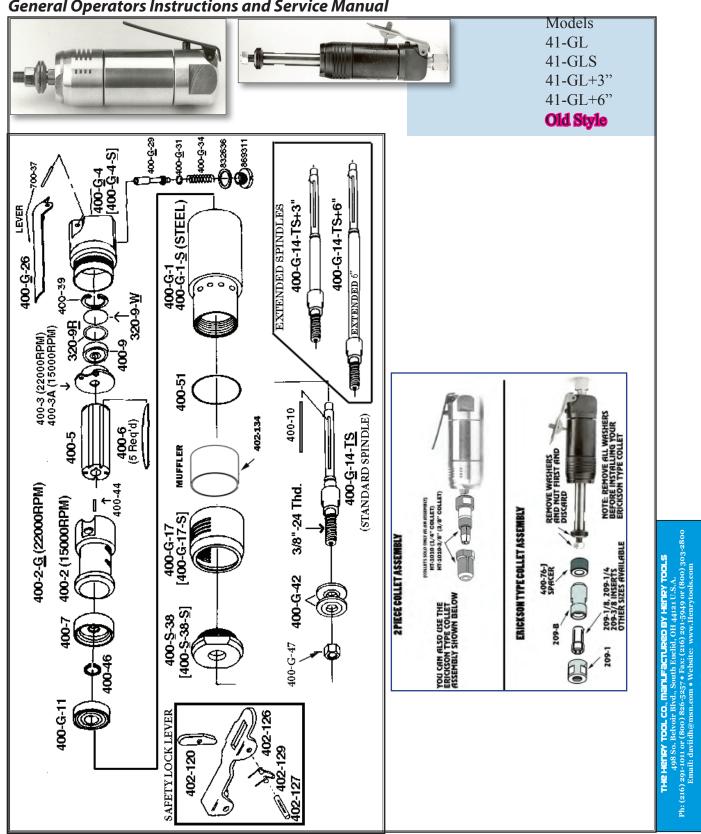




Model	Exhaust	Throttle	Speed	Power	Case	We	ight	Length	Diameter	Air	Wheel Capacity
Number	Direc-	Type		Output	Mate-	Aluminum	Steel			Consump-	
	tion				rial					tion	
41-G	Side	(L) Lever	15000	0.9 H.P.	Steel	1.5 lb/0.68	2.5 lb/1.13	6.9 inch	1 3/4"	1.6 inches	2" (50mm),
	(Side	or	to	675 W	or	Kg	Kg	175 mm	inches	41 mm	3" (75mm),
41-G+3	exhaust	(K) Safety	22000		Alumi-	1.6 lb/0.7 Kg	2.5	9.3 inch	44 mm		or
	is Stan-	Lever	R.P.M.		num		lb/1.13Kg	236 mm			4" (100mm)
41-G+6	dard)		(18000RPM			1.7 lb/0.8 Kg	2.5 lb/1.15	12.3 inch]		
il .			is Stan-			_	Kg	312 mm			
			dard)								

THE HENRY TOOL CO., MANUFACTURED BY HENRY TOOLS

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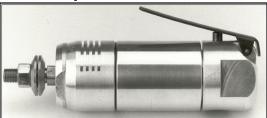
Models
41-GL
41-GLS
41-GL+3"
41-GL+6"

Old Style

PART NO. 209-B 3/8-24 COLLET BODY (ERICKSON TYPE) 209-1 COLLET NUT (ERICKSON TYPE) 209-1/4" 1/8" INSERT 209-1/4" 1/4" INSERT 209-5/16" 5/16" INSERT 400-G-1 CASE (ALUMINUM) 400-G-1-S CASE (STEEL) 400-G-14-TS SPINDLE 400-G-14-TS+3 3" EXTENDED SPINDLE 400-G-17 SIDE EXHAUST SLEEVE (ALUM) 400-G-17-S SIDE EXHAUST SLEEVE (ALUM) 400-G-17-S SIDE EXHAUST SLEEVE (STEEL) 400-G-26 THROTTLE LEVER 400-G-29 THROTTLE LEVER 400-G-34 SPRING 400-G-42 FLANGE FOR 2"-3" WHEELS 400-S-38-S RETAINING CAP (ALUM) 400-S-38-S RETAINING CAP (ALUM) 400-S-38-S RETAINING CAP (STEEL) 400-C-G CYLINDER 400-C-C 400-C-C HOO-C-C BLADE (S REQ) 400-C-C HOO-C-C BUSHING 1/4" x 1/4" 400-C-C 400-C-C SNAP RING 400-C-C 400-C-C SNAP RING 400-C-C 400-C-C BUSHING 1/4" x 1/4" 400-C-C 400-C-C SAFETY LEVER 400-C-C 400-C-C SAFETY LEVER 400-C-C SAFETY LEVER SPRING 400-C-C 400-C-C SAFETY LEVER SPRING 400-C-C 400-C-C SAFETY LEVER SPRING 400-C-C-C SAFETY LEVER SPRING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-G-44 FLANCE THE TIME TO TAKE		
COLLET NUT (ERICKSON TYPE)	PART NO.	DESCRIPTION
1/8" INSERT 1/4" INSERT 209-1/4" 1/4" INSERT 1/4" INSERT 209-5/16" 5/16" INSERT 400-G-1 CASE (ALUMINUM) 400-G-1-5 CASE (STEEL) 400-G-11 FRONT BEARING 400-G-14-TS SPINDLE 400-G-14-TS SPINDLE 400-G-14-TS+3 3" EXTENDED SPINDLE 400-G-17 SIDE EXHAUST SLEEVE (ALUM) 400-G-17 SIDE EXHAUST SLEEVE (ALUM) 400-G-17-S SIDE EXHAUST SLEEVE (STEEL) 400-G-26 THROTTLE LEVER 400-G-29 THROTTLE VALVE-INCLUDES 844302 400-G-34 SPRING 400-S-38 RETAINING CAP (ALUM) 400-S-38 RETAINING CAP (ALUM) 400-S-38-S RETAINING CAP (STEEL) 400-2-G CYLINDER 400-6 BLADE (S REQ) 400-7 FRONT ENDPLATE 400-9 REAR BEARING 400-10 KEY 400-44 ROLL PIN 400-44 ROLL PIN 400-46 SNAP RING 400-46 SAPETY LEVER PIN 400-128 LOCKOUT LEVER 402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 400-39 SNAP RING 400-39 SNAP RING 400-37 THROTTLE LEVER PIN 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 400-37 THROTTLE LEVER PIN 500-G-44 FLANGE FOR 4"-5" WHEELS 500-G-44 FLANGE FOR 4"-	209-B	3/8-24 COLLET BODY (ERICKSON TYPE)
209-1/4" 1/4" INSERT 209-5/16" 5/16" INSERT 209-5/16" 5/16" INSERT 400-G-1 400-G-1 CASE (ALUMINUM) 400-G-1-S CASE (STEEL) 400-G-11 FRONT BEARING 400-G-14-TS SPINDLE 400-G 14-TS+3 3" EXTENDED SPINDLE 400-G 14-TS+6 6" EXTENDED SPINDLE 400-G 14-TS+5 SIDE EXHAUST SLEEVE (ALUM) 400-G-17 SIDE EXHAUST SLEEVE (STEEL) 400-G-26 THROTTLE LEVER 400-G-29 THROTTLE LEVER 400-G-34 SPRING 400-G-42 FLANGE FOR 2"-3" WHEELS 400-G-47 3/8-24 NUT 400-S-38 RETAINING CAP (ALUM) 400-S-38-S RETAINING CAP (STEEL) 400-C-G CYLINDER 400-C-F ROTOR 400-C-F ROTOR 400-C-F ROTOR 400-C-F RONT ENDPLATE 400-P REAR BEARING 400-10 KEY 400-10 KEY 400-10 KEY 400-10 SNAP RING 400-10 SNAP RING 400-12 SAFETY LEVER 402-12 SAFETY LEVER 402-12 SAFETY LEVER 402-129 SAFETY LEVER 402-129 SAFETY LEVER 402-134 MUFFLER 400-3 REAR ENDPLATE 400-3 REAR ENDPLATE 500-G-44 FLANGE FOR 4"-5" WHEELS 500-G-44	209-1	COLLET NUT (ERICKSON TYPE)
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400-G-1-S	209-5/16"	5/16" INSERT
400-G-11 FRONT BEARING 400-G-14-TS SPINDLE 400-G 14-TS+3 3" EXTENDED SPINDLE 400-G 14-TS+6 6" EXTENDED SPINDLE 400-G-17 SIDE EXHAUST SLEEVE (ALUM) 400-G-17-S SIDE EXHAUST SLEEVE (STEEL) 400-G-26 THROTTLE LEVER 400-G-29 THROTTLE VALVE-INCLUDES 844302 400-G-34 SPRING 400-G-42 FLANGE FOR 2"-3" WHEELS 400-S-38 RETAINING CAP (ALUM) 400-S-38 RETAINING CAP (STEEL) 400-S-38-S RETAINING CAP (STEEL) 400-5 ROTOR 400-6 BLADE (5 REQ) 400-7 FRONT ENDPLATE 400-9 REAR BEARING 400-10 KEY 400-27 BUSHING 1/4" x 1/4" 400-44 ROLL PIN 400-46 SNAP RING 400-51 O-RING 400-51 SAFETY LEVER 402-126 SAFETY LEVER 402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING	400-G-1	CASE (ALUMINUM)
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400-G-17-S SIDE EXHAUST SLEEVE (STEEL) 400-G-26 THROTTLE LEVER 400-G-29 THROTTLE VALVE-INCLUDES 844302 400-G-34 SPRING 400-G-42 FLANGE FOR 2"-3" WHEELS 400-G-47 3/8-24 NUT 400-S-38 RETAINING CAP (ALUM) 400-S-38-S RETAINING CAP (STEEL) CYLINDER 400-6 BLADE (5 REQ) 400-7 FRONT ENDPLATE 400-9 REAR BEARING 400-10 KEY 400-27 BUSHING 1/4" x 1/4" 400-44 ROLL PIN 400-46 SNAP RING 400-51 O-RING 400-10 SAFETY LEVER 402-126 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-3 REAR ENDPLATE 400-3 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING	400-G 14-TS+6	6" EXTENDED SPINDLE
## THROTTLE LEVER ## 400-G-29 THROTTLE VALVE-INCLUDES 844302 ## 400-G-34 SPRING ## 400-G-42 FLANGE FOR 2"-3" WHEELS ## 400-G-47 3/8-24 NUT ## 400-S-38 RETAINING CAP (ALUM) ## 400-S-38-S RETAINING CAP (STEEL) ## 400-E ROTOR ## 400-E ROTOR ## 400-F ROTOR ## 400-P REAR BEARING ## 400-10 KEY ## 400-27 BUSHING 1/4" x 1/4" ## 400-44 ROLL PIN ## 400-46 SNAP RING ## 400-51 O-RING ## 400-51 O-RING ## 400-12 SAFETY LEVER ## 402-126 SAFETY LEVER ## 402-127 SAFETY LEVER SPRING ## 402-128 LOCKOUT LEVER ## 402-129 SAFETY LEVER SPRING ## 400-3 REAR ENDPLATE ## 400-3 REAR ENDPLATE ## 400-3 SNAP RING ## 500-G-44 FLANGE FOR 4"-5" WHEELS ## 700-37 THROTTLE LEVER PIN ## 591106 SET SCREW (SPECIFY SPEED) ## 592016 SNAP RING ## 832636 GASKET ## 41552 3/8 NPT TO 3/8 NPT BUSHING ## 41553 3/8 NPT TO 1/4 NPT BUSHING ## 41553 3/8 NPT TO 1/4 NPT BUSHING	400-G-17	SIDE EXHAUST SLEEVE (ALUM)
### THROTTLE VALVE-INCLUDES 844302 #### SPRING #### SP	400-G-17-S	SIDE EXHAUST SLEEVE (STEEL)
400-G-34	400-G-26	THROTTLE LEVER
## STATE FLANGE FOR 2"-3" WHEELS ## 400-G-42 FLANGE FOR 2"-3" WHEELS ## 400-G-47 3/8-24 NUT ## 400-S-38 RETAINING CAP (ALUM) ## 400-S-38-S RETAINING CAP (STEEL) ## 400-2-G CYLINDER ## 400-5 ROTOR ## 400-6 BLADE (5 REQ) ## 400-7 FRONT ENDPLATE ## 400-9 REAR BEARING ## 400-10 KEY ## 400-27 BUSHING 1/4" x 1/4" ## 400-44 ROLL PIN ## 400-44 ROLL PIN ## 400-46 SNAP RING ## 400-51 O-RING ## 402-126 SAFETY LEVER ## 402-127 SAFETY LEVER PIN ## 402-128 LOCKOUT LEVER ## 402-129 SAFETY LEVER SPRING ## 400-3 REAR ENDPLATE ## 400-3 REAR ENDPLATE ## 400-3 SNAP RING ## 500-G-44 FLANGE FOR 4"-5" WHEELS ## 700-37 THROTTLE LEVER PIN ## 591106 SET SCREW (SPECIFY SPEED) ## 592016 SNAP RING ## 592016 SNAP RING ## 538 NAPT TO 3/8 NPT BUSHING ## 541552 3/8 NPT TO 3/8 NPT BUSHING ## 541553 3/8 NPT TO 1/4 NPT BUSHING ## 541552 3/8 NPT TO 1/4 NPT BUSHING ## 541553 3/8 NPT TO 1/4 NPT BUSHING ## 541552 3/	400-G-29	THROTTLE VALVE-INCLUDES 844302
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## A00-S-38 RETAINING CAP (ALUM) ## A00-S-38-S RETAINING CAP (STEEL) ## A00-2-G CYLINDER ## A00-5 ROTOR ## A00-6 BLADE (5 REQ) ## A00-7 FRONT ENDPLATE ## A00-9 REAR BEARING ## A00-10 KEY ## A00-27 BUSHING 1/4" x 1/4" ## A00-44 ROLL PIN ## A00-46 SNAP RING ## A00-51 O-RING ## A00-51 O-RING ## A00-126 SAFETY LEVER ## A02-127 SAFETY LEVER PIN ## A02-128 LOCKOUT LEVER ## A02-129 SAFETY LEVER SPRING ## A00-3 REAR ENDPLATE ## A00-3 REAR ENDPLATE ## A00-3 SNAP RING ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## A00-37 THROTTLE LEVER PIN ## SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## A00-37 THROTTLE LEVER PIN ## A00-38 SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-37 THROTTLE LEVER PIN ## A00-38 SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-38 SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-38 SO0-G-44 FLANGE FOR 4"-5" WHEELS ## A00-39 SO0-G-44 FLANGE FOR 4"	400-G-42	FLANGE FOR 2"-3" WHEELS
400-5-38-S RETAINING CAP (STEEL) 400-2-G CYLINDER 400-5 ROTOR 400-6 BLADE (5 REQ) 400-7 FRONT ENDPLATE 400-9 REAR BEARING 400-10 KEY 400-27 BUSHING 1/4" x 1/4" 400-44 ROLL PIN 400-46 SNAP RING 400-51 O-RING 5AFETY LEVER 402-126 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-3 REAR ENDPLATE 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING	400-G-47	3/8-24 NUT
400-2-G CYLINDER 400-5 ROTOR 400-6 BLADE (5 REQ) 400-7 FRONT ENDPLATE 400-9 REAR BEARING 400-10 KEY 400-27 BUSHING 1/4" x 1/4" 400-44 ROLL PIN 400-45 SNAP RING 400-51 O-RING 402-126 SAFETY LEVER 402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	400-S-38	RETAINING CAP (ALUM)
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400-7	400-5	ROTOR
400-9 REAR BEARING 400-10 KEY 400-27 BUSHING 1/4" x 1/4" 400-44 ROLL PIN 400-46 SNAP RING 400-51 0-RING 402-126 SAFETY LEVER 402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	400-6	BLADE (5 REQ)
400-10 KEY 400-27 BUSHING 1/4" x 1/4" 400-44 ROLL PIN 400-46 SNAP RING 400-51 O-RING 402-126 SAFETY LEVER 402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING	400-7	FRONT ENDPLATE
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400-44 ROLL PIN 400-46 SNAP RING 400-51 0-RING 402-126 SAFETY LEVER 402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	400-10	KEY
400-46 SNAP RING 400-51 0-RING 402-126 SAFETY LEVER 402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	400-27	BUSHING 1/4" x 1/4"
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402-126 SAFETY LEVER 402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	400-46	SNAP RING
402-127 SAFETY LEVER PIN 402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	400-51	0-RING
402-128 LOCKOUT LEVER 402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	402-126	SAFETY LEVER
402-129 SAFETY LEVER SPRING 402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	402-127	SAFETY LEVER PIN
402-134 MUFFLER 400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	402-128	LOCKOUT LEVER
400-3 REAR ENDPLATE 400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	402-129	SAFETY LEVER SPRING
400-39 SNAP RING 500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	402-134	MUFFLER
500-G-44 FLANGE FOR 4"-5" WHEELS 700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	400-3	REAR ENDPLATE
700-37 THROTTLE LEVER PIN 591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	400-39	SNAP RING
591106 SET SCREW (SPECIFY SPEED) 592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	500-G-44	FLANGE FOR 4"-5" WHEELS
592016 SNAP RING 832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	700-37	THROTTLE LEVER PIN
832636 GASKET 841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	591106	SET SCREW (SPECIFY SPEED)
841552 3/8 NPT TO 3/8 NPT BUSHING 841553 3/8 NPT TO 1/4 NPT BUSHING	592016	SNAP RING
841553 3/8 NPT TO 1/4 NPT BUSHING	832636	GASKET
	841552	3/8 NPT TO 3/8 NPT BUSHING
844302 0-RING	841553	3/8 NPT TO 1/4 NPT BUSHING
	844302	0-RING

PART NO.	DESCRIPTION		
869311	THROTTLE VALVE CAP		
ASSEMBLIES			
510075	REPAIR KIT		
402-26	SAFETY LEVER ASSEMBLY		
WRENCHES			
490-3	PIN SPANNER		
1100-050	1/2"WRENCH		
1100-056	9/16" WRENCH		
1100-075	3/4" WRENCH		
GUARDS			
4503-27	3"TYPE 27 GUARD		
4504-27	4"TYPE 27 GUARD		
ACCESSORIES			
400-76J	9/16" UNTHREADED SPACER		
400-78	3/8-24 to 5/8-11 THREADED SPACER		
HT-1010	3/8-24 to 1/4" I.D. HEAVY DUTY COL- LET (2 PIECE)		
HT-1010-3/8"	3/8-24 to 3/8" COLLET ASSEMBLY (HEAVY DUTY) (2 PIECE)		

COLLET ASSEMBLIES	
PART	DESCRIPTION
AA-209-1/8	3/8-24 ERICKSON 3 PIECE1/8" INSERT
AA-209-1/4	3/8-24 ERICKSON 3 PIECE1/4" INSERT
AA-209-3/8	3/8-24 ERICKSON 3 PIECE3/8" INSERT
HT-1010	3/8-24 TO 1/4" I.D 2 PIECE HEAVY DUTY
HT-1010-3/8	3/8-24 TO 1/4" I.D 2 PIECE HEAVY DUTY
ERICKSON COLLET PARTS	
209-B	3/8-24 COLLET BODY
209-1	COLLET NUT
209-1/8	1/8" INSERT
209-3/16	3/16" INSERT
209-1/4	1/4" INSERT
209-5/16	5/16" INSERT
209-3/8	3/8" INSERT
SPACERS	
400-76J	9/16 UNTHREADED SPACER
400-76J-3/8	3/8 UNTHREADED SPACER
400-77	3/8-24 THREADED 9/16 SPACER (FOR CONE WHEEL)
400-77J	3/8-24 THREADED 3/8 SPACER
400-78	3/8-24 TO 5/8-11 ADAPTER



DISASSEMBLY

- 1. Model 41GL with 3/8 threaded spindle-remove nut (400-G47) and wheel flanges (400-G-
- 2. Clamp backhead [400-G-4(S)] in a vise. Using a strap wrench, unscrew case (400-G-1). Tap lightly on threaded end of spindle, this will allow the motor to drop out.
- 3. Remove snap ring(400-39) with type 01 pliers. Lift out wafer (320-9W) and o-ring (If Present)(320-9R). Remove snap ring (592016) (If
- 4. With brass or aluminum jawed vise, grasp the O.D. of the cylinder and end plate (400-3) firmly. Use a 3/16" punch and tap spindle out of rear bearing (400-9), being careful not to drop spindle assembly when it is free.
- 5. Remove the rotor (400-5), blades (400-6), key (400-10) and front thrust plate(400-7).
- 6. Remove snap ring (400-46) with type 02 pliers. Place bearing and spindle assembly (threaded end down) on suitable drill block. Press spindle through the bearing with an arbor
- 7. To check throttle valve. unscrew plug (869311) and lift out valve spring (400-G-34) and plunger (400-G-29). Remove o-ring (400-G-31) and replace if cracked or worn.

REASSEMBLY

- 1. Support front bearing (400-G-II) on suitable drill block. Press spindle [400-G-14-(TS)] through bearing until it bottoms on shoulder.
- 2. With type 02 pliers place the snap ring (400-46) into the groove. Slide on front thrust (400-7) over the arbor and on the front bearing.
- 3. Place the key (400-10) into the slot in the spindle. Slide rotor (400-5) over spindle, aligning the keyway in the rotor with the key in spindle.
- 4. Place five blades (400-6) in slots of rotor. Slip cylinder [400-2(G)] over rotor. Install rear thrust[400-3(A)]. (locate cylinder in the smaller hole of the rear thrust plate.)
- 5. Place bearing in rear thrust and tap bearing in with suitable bearing driver.
- 6. Place snap ring (592016) on spindle groove. If desired, drop oring(320-9R) and washer (320-9W) in rear thrust. Place snap ring(400-39) into groove.
- 7. Slide Ring(400-G-1) on case(400-G-1). Place exhaust (400-G-17) on case. Screw on cap(400-S-38), hand tighten till snug. Slip motor assembly in case (400-G-1). Screw on backhead. Put backhead in vise on flats. Tighten backhead onto case(400-G-1) with a strap wrench.

41-GL 41-GLS 41-GL+3" 41-GL+6" Old Style

Models

- Re-attach guard on the 41 case.
- 9. Additional information on safety is available in the "American National Safety Code for Portable Air Tools" (ANSI Bl86.1). This bulletin is available from the American Standards Institute, Inc., 1430 Broadway, New York, N.Y. 10018. This tool is designed to operate on 90 psig (6.2 bar) maximum air pressure with 1/4 (8 mm) hose.

Do not use a grinder without the recommended wheel guard. Do not use any wheel for which the operating speed listed is lower than the actual free speed of the grinder. **SAFETY**

- Before operation check spindle speed with a tachometer. If the RPM's exceed the rated speed stamped on tool, servicing is required.
- Inspect grinding wheels for bends, chips, nicks, cracks or severe wear. If the wheel has any of these, or has been soaked in liquids do not use. On brushes check for loose wires that may fly off in operation.
- Start new grinding wheels under a steel bench. Run at full throttle for one minute. Defective wheels usually come apart immediately. When starting a cold wheel apply to the work slowly, and allow wheel to warm up gradually.
- The 41G L die grinders can be used for mounted wheels, points and carbide burrs only if a collet is purchased from the manufacturer.
- If you have a type 1 wheel application please purchase a wheel guard (4503,4504).
- The 41GL die grinders are not equipped with a guard from the manufacturer. A guard is not needed for: a.)mounted wheels two inches (50 mm) or smaller; b.) grinders used for internal work, while within the work being ground. c.) the addition of a collet for the use of carbide burrs/mounted points.
- If a collet is purchased (HT-1010), at least one-half of the mandrel length (i.e. mounted wheel, burr, etc.) must be inserted into the collet. Secure collet chuck tightly.
- 8. Safety lock levers are available from the manufacturer. The part number is (402-26).
- Before mounting or removing a wheel disconnect grinder from air supply. The wheel should fit properly on arbor; do not use bushings or wheel flanges to adapt a wheel to any arbor unless recommended by manufacturer.(Wheel flanges should be at least 1/3 the diameter of the Grinding wheel.)
- Wear safety goggles and other protective clothing.
- Properly maintained air tools are less likely to fail or cause accidents. If a tool vibrates or produces an unusual sound, repair immediately. LUBRICATION
- 1. An air line filter-regulator-lubricator should be located as closely as possible to the tool.
- 2. Clean out dirt and moisture fron air hoses daily. Keep screen handle bushing in tool.
- 3. OIL TOOLS DAILY. Pour about 1 tablespoon of airtool oil in air inlet and run tool to allow oil to be carried to the interior.



GRINDER SAFETY

The safety procedures for operating air tools are everyone's responsibility. The following lists several aspects of air tool safety that should be considered during operation. Please be aware of the these aspects and report any unsafe practice you see to a supervisor or safety officer immediately.

- 1) Start any new inserted tooling under a bench and away from bystanders. (Run for a minimum of one minute.)
- 2) When starting a cold/new mounted stone, apply to the work slowly, allowing the mounted stone to warm gradually.
- 3) Support the work piece properly.
- 4) When grinding, support the work piece so that a jamming of the wheel does not occur. (A slot shall remain constant or become wider during operation.)
- 5) If a jamming of the inserted tooling does occur during a grinding operation, shut the air supply off to the tool and ease the mounted stone/burr free. (Inspect the mounted stone/burr for damage before continuing operation.)
- 6) Ensure that sparks from the process do not create a hazard to the eyes or will ignite the environment.
- 7) Grinders shall not be used in potentially explosive atmospheres.
- 8) Pneumatically driven tools are not generally insulated from coming in contact with electrical sources. Be sure to avoid contact with wires or other possible current carrying sources.
- 9) The operator must check that no bystanders are in the vicinity.
- 10) Remember that there is a running on after the throttle has been released.
- 11) If a grinder fitted with a mounted stone/burr is dropped, the mounted stone/burr must be thoroughly

examined before re-use.

- 12) Disconnect the tool from the air source before servicing and changing mounted stones/burrs.
- 13) Release the control device in case of interruption of air supply.
- 14) Always keep the tool in a clean, dry place when not in use.
- 15) Beware of loose hair and clothing so as not to become tangled or trapped during operation.
- 16) Unexpected tool movement or breakage of inserted tooling may cause injuries to lower limbs.
- 17) Unsuitable postures may not allow counteracting of normal or unexpected movement of a power tool. (A working position shall be adopted which remains stable in the event of a break up of inserted tooling.)

18) Do not hold the tool near the body when operating.19) Keep a firm grip on the tool body during operation.

Mounting Abrasives

The mounting of the abrasive used with the tool is very important to ensure safety for the operator and proper functioning of the tool. There are strict rules for mounting wheels that are outlined in ANSI B7.1-2000. The following diagrams briefly describe the methods and equipment for mounting most abrasives.

Old Style

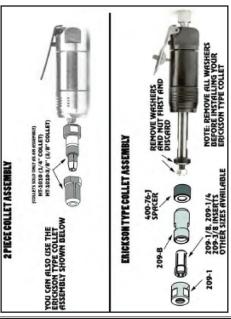
Each wheel/mounted stone is labeled with a maximum operating speed. It is extremely important to compare this rating with the maximum operating speed of the tool. Never mount a wheel/carbide burr on a tool where the maximum operating speed of the tool is higher than the maximum operating speed of the wheel. This can cause an over speed situation and can result in injury. The following list details specific items one should inspect and be aware of when

- The maximum operating speed marked on the wheel must be equal to or higher than the rated spindle speed (free speed) of the tool.
- · Check the wheel dimensions so that it fits within the guard properly.
- Do not use any wheel that shows cracks, chips or evidence it has been soaked
 in fluids.
- Wheel flanges should have flat contact surfaces and be without cracks or burrs.

For more information:

mounting abrasives.

- 1) General Industry Safety & Health Regulations 29 CFR, Part 1910 and where applicable Construction Industry Safety & Health Regulations 29 CFR, Part 1926 available from Superintendent of Documents, Gov't. Printing Office, Washington, D.C. 20402.
- 2) Safety Code For Portable Air Tools, ANSI B186.1, B7.1 and Z87.1, available from American National Standards Institute, Inc. 1430 Broadway, New York, NY 10018



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