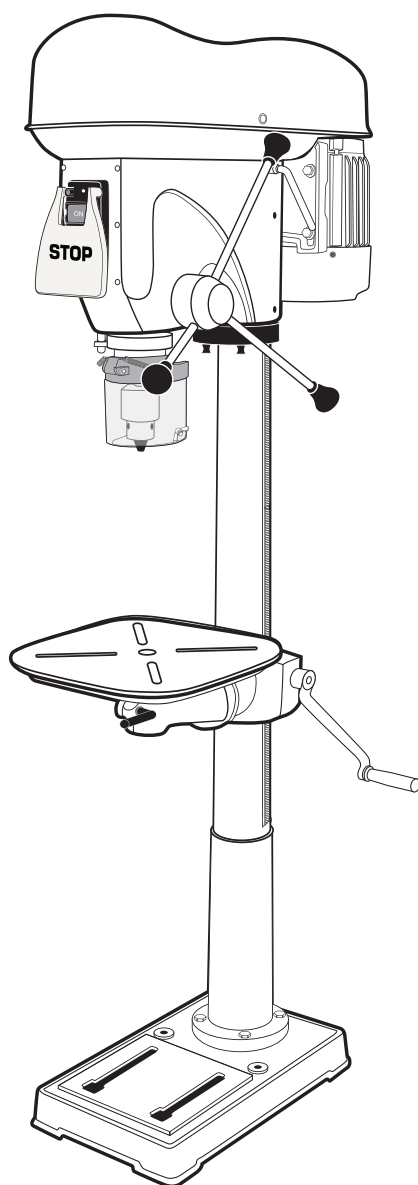


MAGNUM

INDUSTRIAL

MODEL NO.: MI-76370



PARTS BREAKDOWN

MAGNUM

I N D U S T R I A L

MAGNUM DRILL PRESS ASSEMBLY INSTRUCTIONS

MI-76370

Before you assemble your drill press, review the parts breakdown and keep it ready for reference.

Start by removing the parts from the packaging.

Carefully check the packaging for small pieces before you continue.

Lay out the parts on a large, clear and unobstructed area and ensure that all parts are accounted for.

ASSEMBLING THE DRILL PRESS

1. Fasten the column (6) to the base (1) with the 4 bolts (3)
2. Remove the rack ring (16) from the column (6) by tapping and rotating it slowly upwards.
3. Make sure the raising gear (10) (9) are in place. Insert the rack (5) into the table bracket (12) and position the 2 pieces onto the column at the same time.(this may require 2 people). The bottom of the wrack (5) slips into the slot provided on part (108).The top of the wrack (5) is held in place by replacing the rack collar (16) back onto the column and tighten the set screw.(15) Place the handle (7) on the worm gear shaft (9) and secure it with the Hex head bolt.(8)
4. Lower the main head to the column and tighten the head with the set screws (18).This will require at least 2 people.
5. Attach the 3 feed handles, (14) (13).

Once assembled, clean the protective coating from all surfaces (where Applicable) using a rag dipped in kerosene, mineral spirits or paint thinner. (Dispose of potentially flammable solvent-soaked rags according to Manufacturer's safety recommendations.) A putty knife, held flat to avoid Scratching the surface, may also be used to scrape off the coating followed By clean-up with solvent. Avoid rubbing painted surfaces, as many Solvent-based products will remove paint.

INSTALLING THE CHUCK

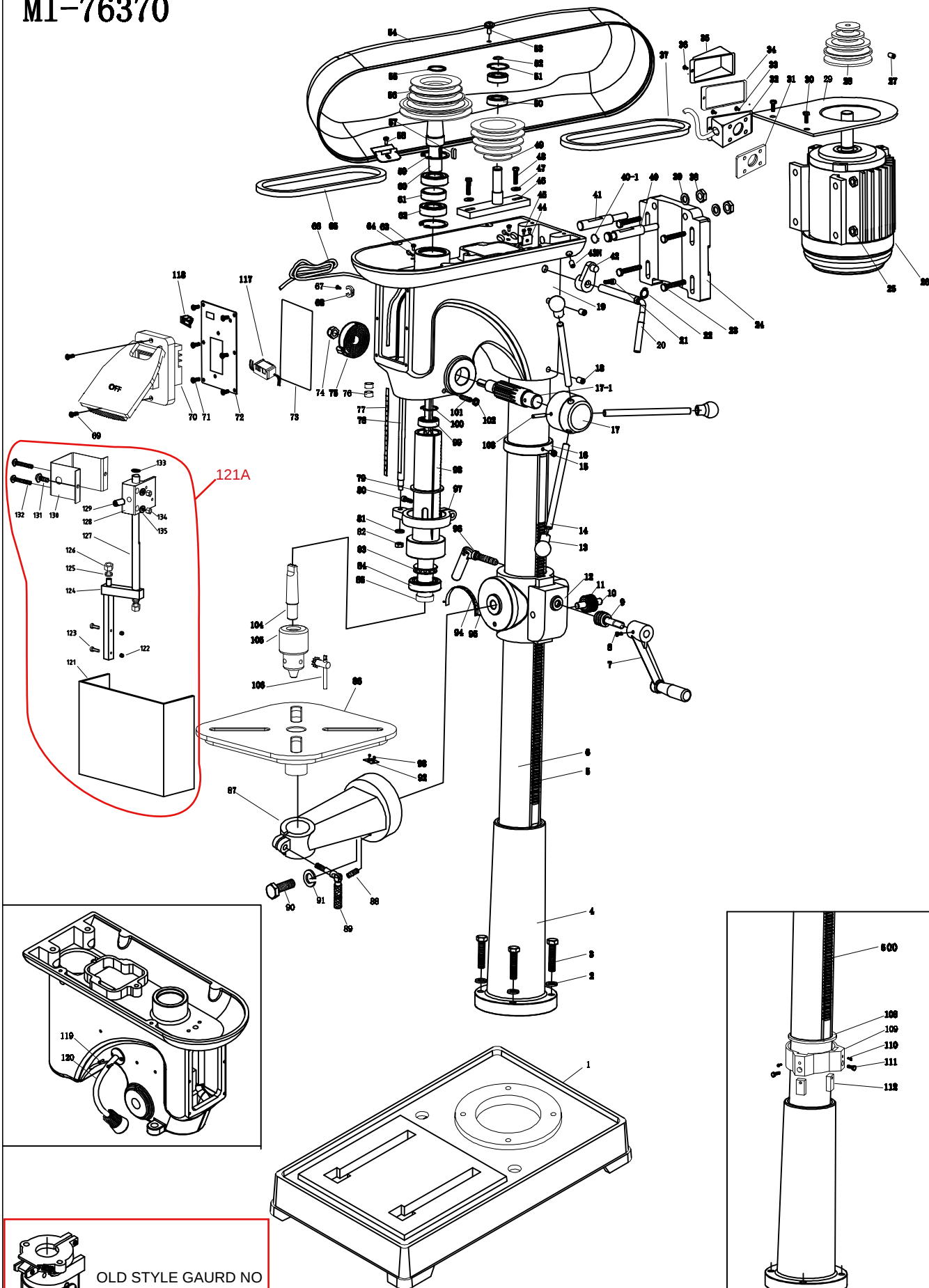
1: Degrease all pieces. Slide the ARBOR (104) into the spindle (85), flat end up. Slide the chuck (105) over the tapered end of the arbor and, using a wooden mallet, give the chuck a good tap. The taper is designed to hold the chuck securely in place.

If you have any questions or require further information,
please contact KMS Tools Service Department at 604.395.4134 or email repairs@kmstools.com

IMPORTANT NOTE :

TO CHANGE TO 220 VOLT THE MOTOR CONNECTION MUST BE CHANGED FOLLOW DIAGRAM LOCATED IN THE MOTOR COVER PLATE AS WELL AS THE PLUG END. THE SWITCH MUST ALSO BE REPLACED WITH 220 VOLT RATED SWITCH SEE PARTS LIST FOR PART # .

MI-76370



OLD STYLE GAURD NO
LOGER AVAILABLE

PART LIST FOR MI-76370

PART NO.	DESCRIPTION	QTY	PART NO.	DESCRIPTION	QTY
MI-76370-01	BASE	1	MI-76370-59	SNAP RING	2
MI-76370-02	WASHER	4	MI-76370-60	SPINDLE TRANSMISSION SLEEVE	1
MI-76370-03	HEX SCREW	4	MI-76370-61	BEARING SPACE	1
MI-76370-04	FLANGE	1	MI-76370-62	BALL BEARING	2
MI-76370-05	COLUMN RACK	1	MI-76370-63	SET SCREW	2
MI-76370-06	COLUMN	1	MI-76370-64	POWER CORD HOLD CLIP	2
MI-76370-07	HANDLE BRACE	1	MI-76370-65	BELT	1
MI-76370-08	INNER HEX SET SCREW	1	MI-76370-66	POWER CORD	1
MI-76370-09	WORM GEAR	1	MI-76370-67	KEY HOLDER SET SCREW	1
MI-76370-10	GEAR SHAFT	1	MI-76370-68	KEY HOLDER	1
MI-76370-11	GEAR	1	MI-76370-69	SWITCH SET SCREW	4
MI-76370-12	TABLE BRACKET	1	MI-76370-70	POWER SWITCH	1
MI-76370-13	PLASTIC KNOB	3	MI-76370-71	SWITCH MOUNTING SET SCREW	6
MI-76370-14	FEEDING HANDLE	3	MI-76370-72	SWITCH MOUNTING PLATE	1
MI-76370-15	SET SCREW	1	MI-76370-73	OIL RESIST PAD	1
MI-76370-16	COLUMN RACK COLLAR	1	MI-76370-74	SPRING CAPLOCK NUT	1
MI-76370-17	PINION SHAFT BASE	1	MI-76370-75	SPRING & CAP	1
MI-76370-17-1	PINION SHAFT	1	MI-76370-76	SCALE INDICATE NUT	2
MI-76370-18	INNER HEX SET SCREW	2	MI-76370-77	FEEDING SCALE	1
MI-76370-19	MACHINE HEAD	1	MI-76370-78	SCALE STICK	1
MI-76370-20	BELT TENSION ADJ-LEVER	1	MI-76370-79	QUILL RUBBER RING	1
MI-76370-21	INNER HEX SET SCREW	1	MI-76370-80	SCALE STICK HOLD FRAM SET SCREW	1
MI-76370-22	RING-CLIP	1	MI-76370-81	WASHER	1
MI-76370-23	HEX SCREW	4	MI-76370-82	NUT	1
MI-76370-24	MOTOR MOUNTING PLATE	1	MI-76370-83	FLAT BEARING	1
MI-76370-25	HEX NUT	4	MI-76370-84	BALL BEARING	1
MI-76370-26	MOTOR	1	MI-76370-85	SPINDLE	1
MI-76370-27	INNER HEX SET SCREW	1	MI-76370-86	WORKING TABLE	1
MI-76370-28	MOTOR PULLEY	1	MI-76370-87	TABLE ARM	1
MI-76370-29	MOTOR PULLEY GUARD	1	MI-76370-88	TABLE ARM SET SCREW	1
MI-76370-30	HEX SCREW	2	MI-76370-89	TABLE ARM LOCK BOLT	1
MI-76370-31	MOTOR WIRING BOX RUBBER PAD	1	MI-76370-90	HEX SCREW	1
MI-76370-32	LOW-WIRING BOX	1	MI-76370-91	SPRING WASHER	1
MI-76370-33	SET SCREW	4	MI-76370-92	ZERO MARK SCALE	1
MI-76370-34	RUBBER SEAL	1	MI-76370-93	RIVET	2
MI-76370-35	UPPER-WIRING BOX	1	MI-76370-94	TABLE ANGLE SCALE	1
MI-76370-36	SET- SCREW	1	MI-76370-95	RIVET	2
MI-76370-37	BELT	1	MI-76370-96	TABLE BRACKET LOCK BOLT	1
MI-76370-38	HEX NUT	2	MI-76370-97	DEEP SCALE TICK HOLD FRAM	1
MI-76370-39	SPRING WASHER	2	MI-76370-98	QUILL	1
MI-76370-40	MOTOR SUPPORT FRAM-A	1	MI-76370-99	BALL BEARING	1
MI-76370-40-1	FRAM RING CLIP	1	MI-76370-100	CLIP RING	1
MI-76370-41	MOTOR SUPPORT FRAM-B	1	MI-76370-101	QUILL SET SCREW	1
MI-76370-42	ADJUST BLOCK	1	MI-76370-102	NUT	1
MI-76370-43N	HEX SET SCREW	2	MI-76370-103	PINION SHAFT SET PIN	1
MI-76370-44	PULLEY COVER HOLDER	1	MI-76370-104	ARBOR	1
MI-76370-45	WASHER FACE SET SCREW	2	MI-76370-105	CHUCK	1
MI-76370-46	MIDDLE PULLEY SUPPORT FRAM	1	MI-76370-106	CHUCK KEY	1
MI-76370-47	WASHER	2	MI-76370-108	RACK RING	1
MI-76370-48	HEX SCREW	2	MI-76370-109	RACK HOLDER	1
MI-76370-49	MIDDLE PULLEY	1	MI-76370-110	BOLT HEX.HEAD M4	1
MI-76370-50	BALL BEARING	2	MI-76370-111	SET SCREW M10	2
MI-76370-51	SNAP RING	1	MI-76370-112	SPACER	2
MI-76370-52	CLIP RING	1	MI-76370-117	TRANSFORMER	1
MI-76370-53	COVER LOCK SCREW	1	MI-76370-118	LIGHT SWITCH	1
MI-76370-54	PULLEY COVER	1	MI-76370-119	SEREW	2
MI-76370-55	PULLEY LOCK NUT	1	MI-76370-120	LED LIGHT	1
MI-76370-56	SPINDLE PULLEY	1	MI-76370-121	CHUCK GUARD	1
MI-76370-57	SPINDLE DRIVER KEY	1	MI-76370-121A	GUARD ASSEMBLY COMPLETE	1
MI-76370-58	PULLEY SET SCREW	1	MI-76370-122	NUT	2

PART LIST FOR MI-76370

PART NO.	DESCRIPTION	QTY	PART NO.	DESCRIPTION	QTY
MI-76370-123	SCREW	2			
MI-76370-124	CONNECT BAR	1			
MI-76370-125	SPRING WASHER	1			
MI-76370-126	NUT	1			
MI-76370-127	FIEXED SEAT CONNECT BAR	1			
MI-76370-128	FIEXED SEAT	1			
MI-76370-129	SET SCREW	1			
MI-76370-130	SWITCH PLATE	1			
MI-76370-131	SET SCREW	1			
MI-76370-132	SET SCREW	2			
MI-76370-133	SHAFT CLIP RING	1			
MI-76370-134	NUT	1			
MI-76370-135	SPRING WASHER	1			