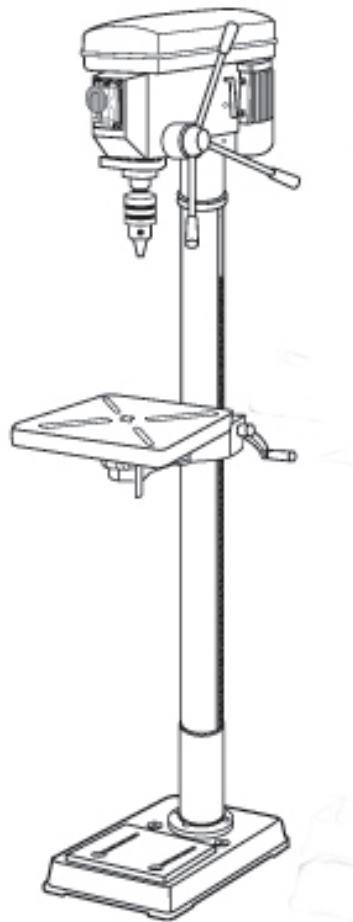


MAGNUM

INDUSTRIAL

MODEL NO.: MI-76350



PARTS BREAKDOWN

MAGNUM

I N D U S T R I A L

MAGNUM DRILL PRESS ASSEMBLY INSTRUCTIONS

MI-76350

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 (77) to the base (95) with the 4 bolts (93)
2. Remove the rack ring (75) from the column (77) by tapping and rotating it slowly upwards.
3. Insert the rack (78N) into the table bracket (82) and position the 2 pieces onto the column at the same time.(this may require 2 people).Make sure the raising gear(80) (79) are in place. The bottom of the rack (78N) slips into the slot provided on part (82).The top of the wrack (78N) is held in place by replacing the rack collar (75) back onto the column and tighten the set screw.(76) Place the handle (85) on the worm gear shaft (79) and secure it with the hex head bolt.(84)
4. Lower the main head to the column and tighten the head with the set screws (43).This will require at 2 people.
5. Secure the table (91) onto the table arm.(86)
6. Attach the 3 feed handles, (74) (73).

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

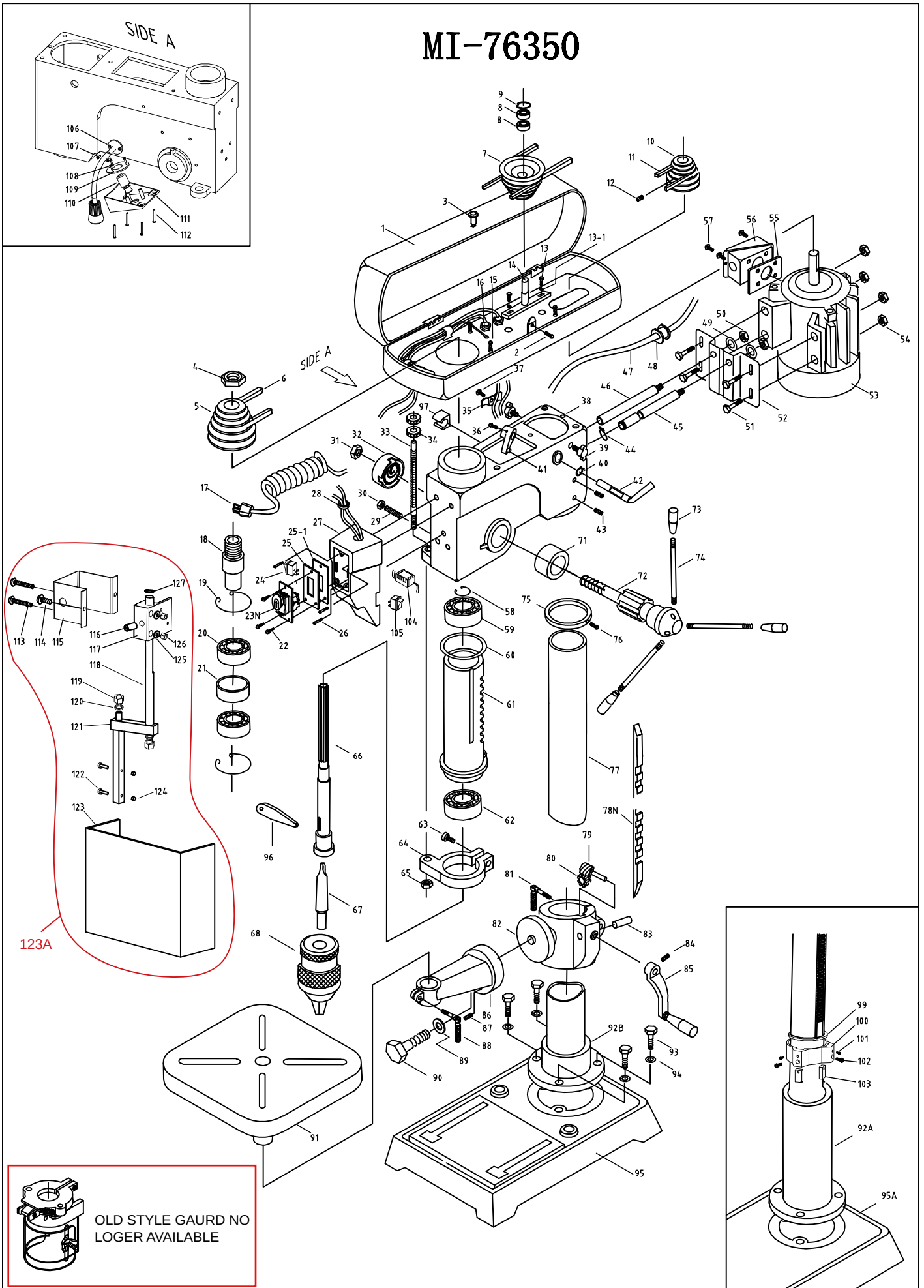
- 1: Degrease all pieces. Slide the ARBOR (67) into the spindle (66), flat end up.
14. Slide the chuck (68) over the tapered end of the arbor and, using a wooden mallet, give the chuck a good tap. The taper is designed to hold the chuck securely in place.

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-76350



PART LIST FOR MI-76350

PART NO.	DESCRIPTION	QTY	PART NO.	DESCRIPTION	QTY
MI-76350-01	GUARD COVER	1	MI-76350-55	RUBBER	1
MI-76350-02	PAN HEAD SCREW	1	MI-76350-56	JUNCTION BOX	1
MI-76350-03	KNOB	1	MI-76350-57	SCREW	1
MI-76350-04	NUT	1	MI-76350-58	RETAINING RING	1
MI-76350-05	SPINDLE PULLEY	1	MI-76350-59	BALL BEARING	1
MI-76350-06	V-BELT	1	MI-76350-60	RUBBER WASHER	1
MI-76350-07	MIDDLE PULLEY	1	MI-76350-61	QUILL	1
MI-76350-08	BALL BEARING	2	MI-76350-62	THRUST BEARING	1
MI-76350-09	RETAINING RING	1	MI-76350-63	SCREW	1
MI-76350-10	MOTOR PULLEY	1	MI-76350-64	CLAMPING SEAT DEPTH STOP	1
MI-76350-11	V-BELT	1	MI-76350-65	LOCK NUT	1
MI-76350-12	SET SCREW	1	MI-76350-66	SPINDLE	1
MI-76350-13	SCREW	2	MI-76350-67	ARABOR	1
MI-76350-13-1	WASHER	2	MI-76350-68	KEYLESS CHUCK	1
MI-76350-14	PULLEY SUPPORT PLATE	1	MI-76350-71	SPACER	1
MI-76350-15	SCREW	2	MI-76350-72	FEED PINION	1
MI-76350-16	CORD PROTECT	1	MI-76350-73	KNOB	3
MI-76350-17	ELECTRICAL CORD	1	MI-76350-74	HANDLE	3
MI-76350-18	PULLEY INSERT	1	MI-76350-75	RACK COLLAR	1
MI-76350-19	RETAINING RING	2	MI-76350-76	SET SCREW	1
MI-76350-20	BALL BEARING	2	MI-76350-77	COLUMN	1
MI-76350-21	BEARING SPACER	1	MI-76350-78N	RACK GEAR	1
MI-76350-22	PAN HEAD SCREW	3	MI-76350-79	ELEVATING WORM	1
MI-76350-23N	SWITCH WITH COIL	1	MI-76350-80	GEAR	1
MI-76350-24	LIGHT SWITCH	1	MI-76350-81	BOLT CLAMP	1
MI-76350-25	SWITCH PLATE	1	MI-76350-82	TABLE ARM BRACKET	1
MI-76350-25-1	WASHER PAD	1	MI-76350-83	GEAR SHAFT	1
MI-76350-26	PAN HEAD SCREW	3	MI-76350-84	SET SCREW	1
MI-76350-27	SWITCH BOX	1	MI-76350-85	SLEEVE AND ROD ASS'Y	1
MI-76350-28	CORD CLAMP	1	MI-76350-86	TABLE BRACKET	1
MI-76350-29	BOLT	1	MI-76350-87	SET SCREW	1
MI-76350-30	HEX. NUT	1	MI-76350-88	TABLE LOCK HANDLE	1
MI-76350-31	HEX. NUT	1	MI-76350-89	WASHER	1
MI-76350-32	TENSION SPRING ASS'Y	1	MI-76350-90	BLOT	1
MI-76350-33	DEPTH STOP ROD	1	MI-76350-91	TABLE	1
MI-76350-34	LOCK NUT	2	MI-76350-92A	FLANGE	1
MI-76350-35	CORD CLAMP	1	MI-76350-93	BOLT	4
MI-76350-36	LOCK PIN	1	MI-76350-94	SPRING WASHER	4
MI-76350-37	SCREW	1	MI-76350-95A	BASE	1
MI-76350-38	HEAD	1	MI-76350-96	DRIFT KEY	1
MI-76350-39	THUMB SCREW	1	MI-76350-97	KEY HOLDER	1
MI-76350-40	RETAINING RING	1	MI-76350-99	COLUMN PLATE	1
MI-76350-41	ADJUSTMENT LEVER	1	MI-76350-100	RACK SEAT	1
MI-76350-42	LEVER SHAFT ASS'Y	1	MI-76350-101	HEX HEAD BOLT M4	2
MI-76350-43	SET SCREW	2	MI-76350-102	HEX HEAD BOLT M10	2
MI-76350-44	RETAINING RING	1	MI-76350-103	STOP BLOCK	1
MI-76350-45	MOTOR SUPPORT BRACKET	1	MI-76350-104	TRANSFORMER	1
MI-76350-46	MOTOR SUPPORT BRACKET	1	MI-76350-105	LIGHT SWITCH	1
MI-76350-47	ELECTRICAL CORD	1	MI-76350-106	LED LIGHT	1
MI-76350-48	STRAIN RELIEF	1	MI-76350-107	SCREW	2
MI-76350-49	SPRING WASHER	2	MI-76350-108	SCREW	3
MI-76350-50	NUT	2	MI-76350-109	LASER COVER	1
MI-76350-51	HEX HEAD SCREW	4	MI-76350-110	KNOB	1
MI-76350-52	MOTOR MOUNT	1	MI-76350-111	LASER BOX	1
MI-76350-53	MOTOR	1	MI-76350-112	SCREW	4
MI-76350-53-1	CAPACITOR(NOT SHOWN)	1	MI-76350-113	SCREW	2
MI-76350-53-2	CAPACITOR COVER(NOT SHOWN)	1	MI-76350-114	SET SCREW	1
MI-76350-54	NUT	4	MI-76350-115	SWITCH PLATE	1

PART LIST FOR MI-76350

PART NO.	DESCRIPTION	QTY	PART NO.	DESCRIPTION	QTY
MI-76350-116	SET SCREW	1			
MI-76350-117	FIEXED SEAT	1			
MI-76350-118	FIEXED SEAT CONNECT BAR	1			
MI-76350-119	NUT	1			
MI-76350-120	SPRING WASHER	1			
MI-76350-121	CONNECT BAR	1			
MI-76350-122	CAP SCREW	2			
MI-76350-123	CHUCK GUARD	1			
MI-76350-123A	GUARD ASSEMBLY COMPLETE	1			
MI-76350-124	NUT	2			
MI-76350-125	SPRING WASHER	2			
MI-76350-126	NUT	2			
MI-76350-127	SHAFT CLIP RING	1			