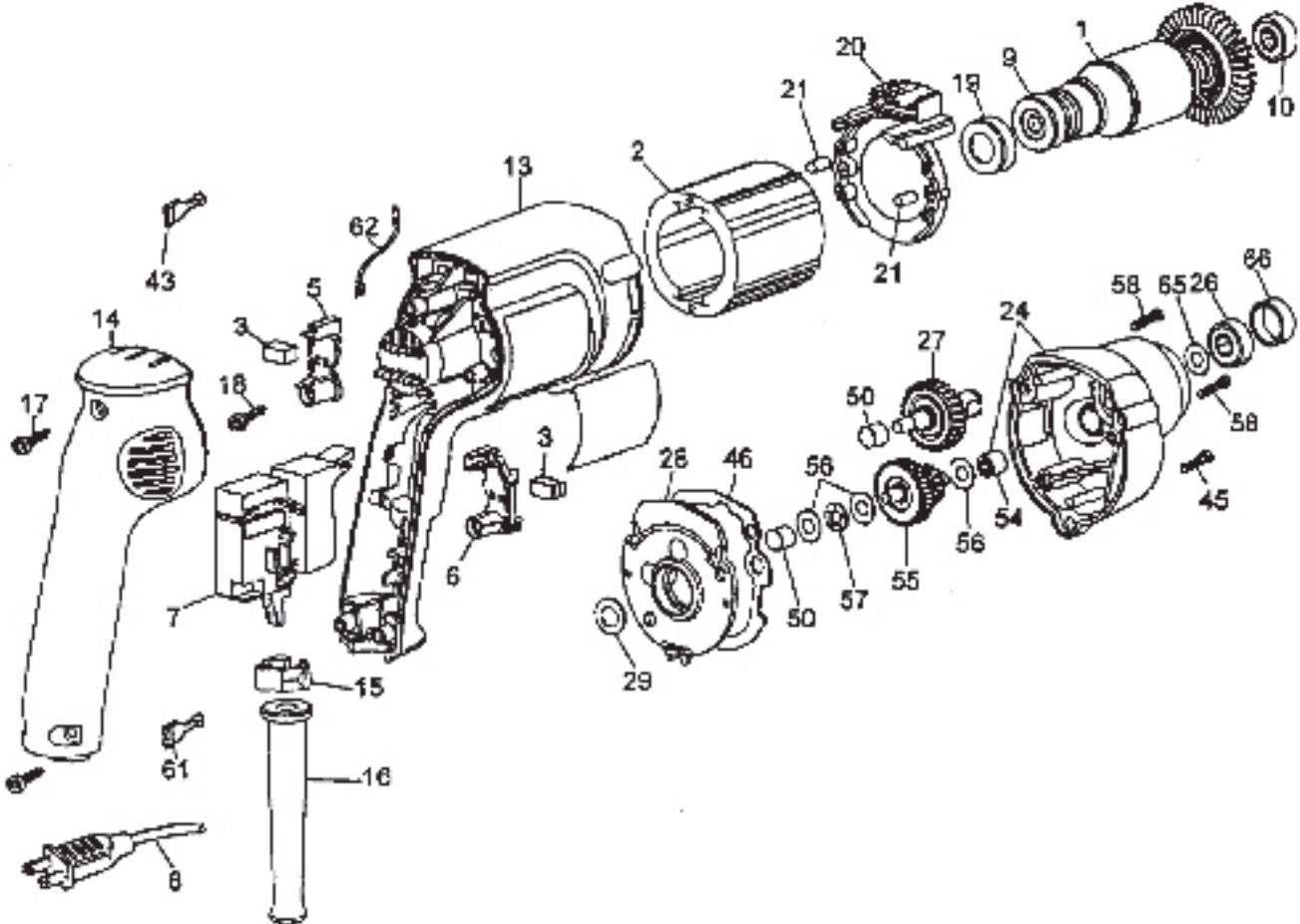




Component Motor Unit Model 253-59
 Used on KD-400, KD-480, KD-440, KD-441, KD-442, KD-1493 and KD-1495 Shears
 KS-421, KS-423, KS-424, KS-426 and KSV-432 Saws

PARTS LIST



ITEM NO.	PART NO.	DESCRIPTION	REQ'D TOOL	ITEM NO.	PART NO.	DESCRIPTION	REQ'D TOOL
1	382299-01	Armature & Fan (6 Teeth)	1	*50	93128-00	Needle Bearing	2
2	176883-00	Field	1	*54	93129-00	Needle Bearing	1
3	176846-02	Brush	2	55	176731-00	Pinion & Gear (15/37 teeth)	1
5	176801-02	Left Brush Holder (gray)	1	56	176732-00	Thrust Washer	3
6	176800-02	Right Brush Holder (black)	1	57	143079-00	Thrust Washer	1
*7	176830-39	Switch	1	*58	330019-16	Screw	2
*7	621884-04	Switch	1	61	136086-08	Terminal	2
*8	330072-98	Cord & Plug (18-2SJ)	1	62	176860-00	Lead	1
*9	176950-00	Ball Bearing	1	65	449892-00	Washer	1
*10	176950-00	Ball Bearing	1	66	449368-00	Bearing Cap	1
13	396969-09	Field Case	1				
14	176899-02	Handle Cover	1				
*15	176829-00	Cord Clamp	1				
16	330005-01	Cord Protector	1				
*17	330019-13	Screw	3				
*18	176951-00	Screw	2				
*19	389824-00	Cup	1				
20	176811-01	Baffle	1				
21	949638-02	Rubber Plug	2				
*24	388657-00	Gear Case	1				
*26	330003-09	Ball Bearing	1				
27	388668-00	Spindle & Gear	1				
*28	176650-00	Gear Case Cover	1				
*29	23813-00	Fiber Washer	1				
43	136086-02	Terminal	4				
*45	330019-14	Screw	1				
46	176655-00	Gasket	1				

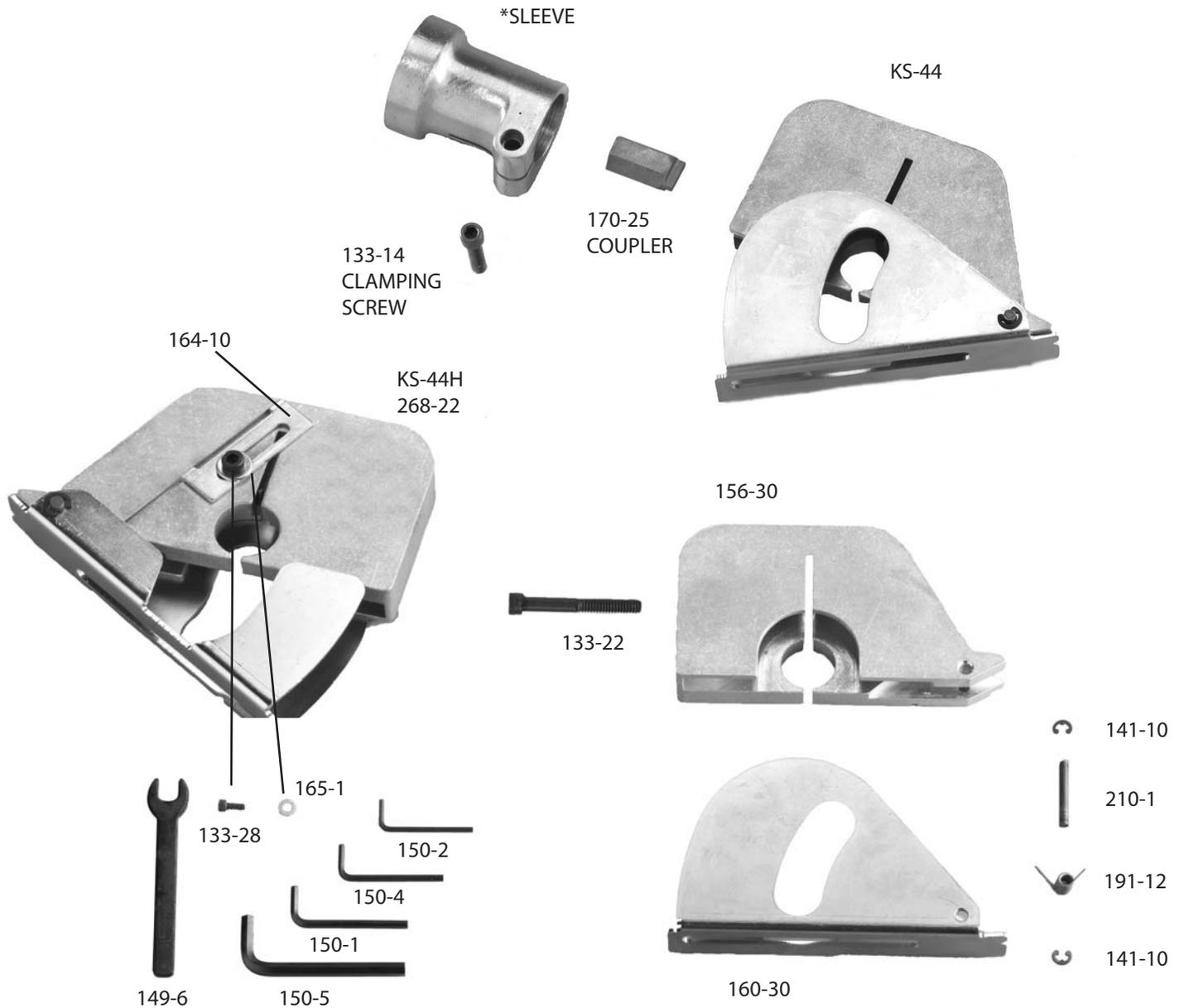
***NOTES:**
 7 Use Switch 176830-39 for tools made before 11-25-2009 and 621884-04 on tools made after 11-25-2009.
 8, 15 Cord clamp should be positioned, so that 30mm of cord jacket extends above the clamp.
 9 Seal to face commutator. Press to the tubing on armature shaft.
 10 To remove from shaft, place bearing in vise and crush outer race. Remove all internal bearing components, so that the inner race is all that is left. Use SRT320, Small Bearing Separator, to clamp the inner race and press off. Bearing presses to shoulder.
 17,45,58 Torque to 18-23 inch-lbs.
 18 Torque to 13 inch-lbs.
 19 Small diameter end to face commutator. Lightly lubricate before installing into field case.
 26 Press Bearing until seated completely in pocket. Rubber seal to face spindle and gear assembly.
 28 Includes 10 and 50.
 29 Press to bearing (item 10).
 54 Press flush with surface facing spindle and gear assembly.



COMPONENT PARTS OF KS-44 SAW UNIT

*Use 267-45 Sleeve on KS-44AM Saw

*Use 567-2A Sleeve on KS-444 and PS-544 Saws



Part No. Description	Part No. Description	Part No. Description	Part No. Description
133-14 Clamping Screw	150-1 3/16" Socket Key	160-30 Saw Guard	267-45 Sleeve
133-22 Screw	150-2 1/8" Socket Key	164-10 Depth Stop	268-22 KS-44H Guard and Body Assembly
133-28 Screw	150-4 5/32" Socket Key	165-1 Washer	567-2A Sleeve
141-10 Retaining Ring (2)	150-5 5/16" Socket Key	170-25 Coupler	KS-44 Saw Unit Complete
149-6 Spindle Wrench	156-30 Saw Body	210-1 Guard Pin	

THE KETT TOOL CO. 5055 Madison Road Cincinnati, Ohio 45227

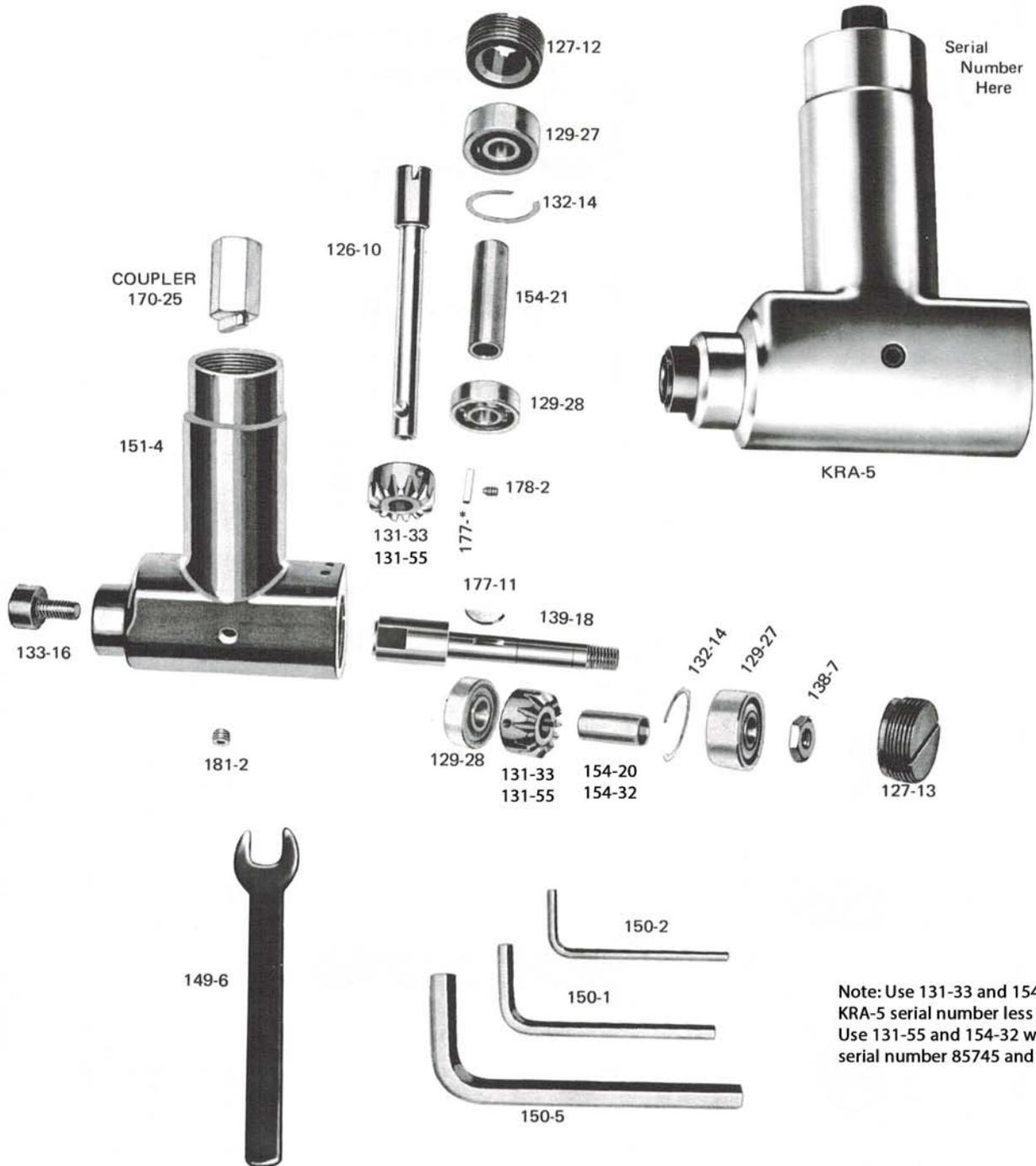
513-271-0333

Fax 513-271-5318

e-mail info@kett-tool.com www.kett-tool.com

COMPONENT PARTS FOR KRA-5 GEARED ANGLE HEAD

s/n 15241 & higher



Note: Use 131-33 and 154-20 with KRA-5 serial number less than 85744
Use 131-55 and 154-32 with KRA-5 serial number 85745 and greater.

Part No.	Description	Part No.	Description	Part No.	Description
126-10	Input Spindle	139-18	Output Spindle	177-*	Key (See serial number on neck of KRA-5 above)
127-12	Retaining Screw	149-6	Spindle Wrench		S/N 15240 & lower use 177-7 square key.
127-13	Retaining Screw	150-1	3/16 Socket Key		S/N 15241 & higher use 177-11 Woodruff Key
129-27	Ball Bearing	150-2	1/8 Socket Key	178-2	Socket Head Set Screw
129-28	Ball Bearing	150-5	5/16 Socket Key	181-2	Screw Plug
131-33	Mitre Gear	151-4	Housing		
131-55	Mitre Gear	154-20	Sleeve		
132-14	Shim	154-32	Sleeve		
133-14	Clamping Screw	154-21	Sleeve		
133-16	Spindle Bolt	170-25	Coupler		
138-7	Jam Nut	177-11	Woodruff Key		