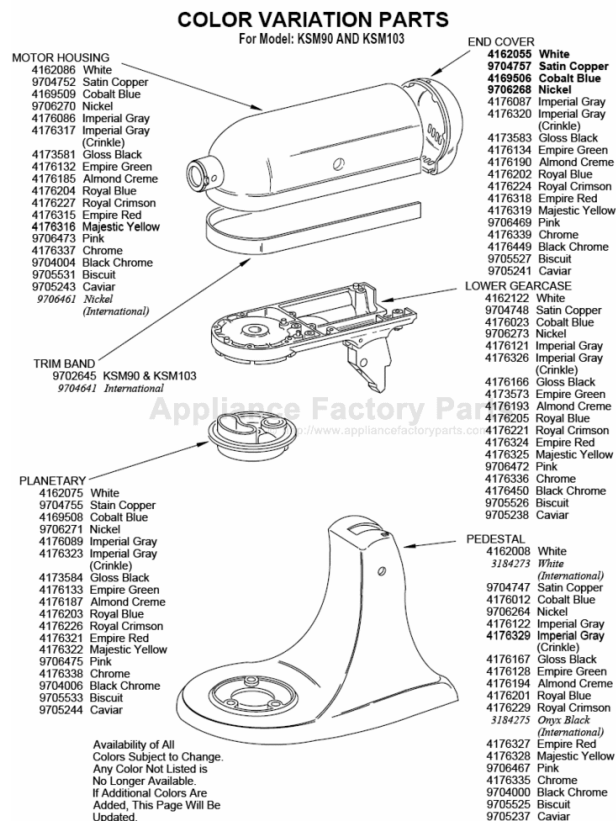


# KITCHENAID KSM103RB Owner's Manual

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## KSM103RB



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----- Manual continues below -----

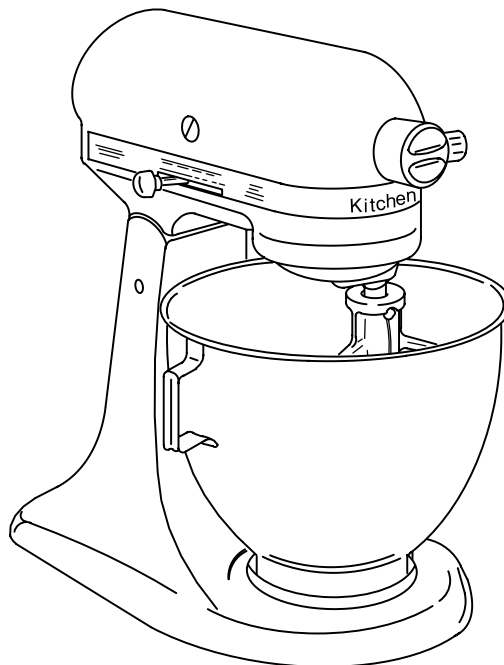
# PARTS LIST

for

# **KitchenAid®**

*INTERNATIONAL PART NUMBERS ITALICIZED*

## **MIXER VARIATIONS OF KSM90 AND KSM103 SOLID STATE**



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ST. JOSEPH MICHIGAN 49085

**This Parts List Supercedes All Previous KSM90 Parts Lists.  
Updates Required Only on Page 2.**

8-05 Litho in U.S.A. (dmz)

Part No. 4176924 Rev. J

# COLOR VARIATION PARTS

For Model: KSM90 AND KSM103

## MOTOR HOUSING

- 4162086 White
- 9704752 Satin Copper
- 4169509 Cobalt Blue
- 9706270 Nickel
- 4176086 Imperial Gray
- 4176317 Imperial Gray (Crinkle)
- 4173581 Gloss Black
- 4176132 Empire Green
- 4176185 Almond Creme
- 4176204 Royal Blue
- 4176227 Royal Crimson
- 4176315 Empire Red
- 4176316 Majestic Yellow
- 9706473 Pink
- 4176337 Chrome
- 9704004 Black Chrome
- 9705531 Biscuit
- 9705243 Caviar
- 9706461 *Nickel (International)*

## TRIM BAND

- 9702645 KSM90 & KSM103
- 9704641 *International*

## PLANETARY

- 4162075 White
- 9704755 Stain Copper
- 4169508 Cobalt Blue
- 9706271 Nickel
- 4176089 Imperial Gray
- 4176323 Imperial Gray (Crinkle)
- 4173584 Gloss Black
- 4176133 Empire Green
- 4176187 Almond Creme
- 4176203 Royal Blue
- 4176226 Royal Crimson
- 4176321 Empire Red
- 4176322 Majestic Yellow
- 9706475 Pink
- 4176338 Chrome
- 9704006 Black Chrome
- 9705533 Biscuit
- 9705244 Caviar

## END COVER

- 4162055 White
- 9704757 Satin Copper
- 4169506 Cobalt Blue
- 9706268 Nickel
- 4176087 Imperial Gray
- 4176320 Imperial Gray (Crinkle)
- 4173583 Gloss Black
- 4176134 Empire Green
- 4176190 Almond Creme
- 4176202 Royal Blue
- 4176224 Royal Crimson
- 4176318 Empire Red
- 4176319 Majestic Yellow
- 9706469 Pink
- 4176339 Chrome
- 4176449 Black Chrome
- 9705527 Biscuit
- 9705241 Caviar

## LOWER GEARCASE

- 4162122 White
- 9704748 Satin Copper
- 4176023 Cobalt Blue
- 9706273 Nickel
- 4176121 Imperial Gray
- 4176326 Imperial Gray (Crinkle)
- 4176166 Gloss Black
- 4173573 Empire Green
- 4176193 Almond Creme
- 4176205 Royal Blue
- 4176221 Royal Crimson
- 4176324 Empire Red
- 4176325 Majestic Yellow
- 9706472 Pink
- 4176336 Chrome
- 4176450 Black Chrome
- 9705526 Biscuit
- 9705238 Caviar

## PEDESTAL

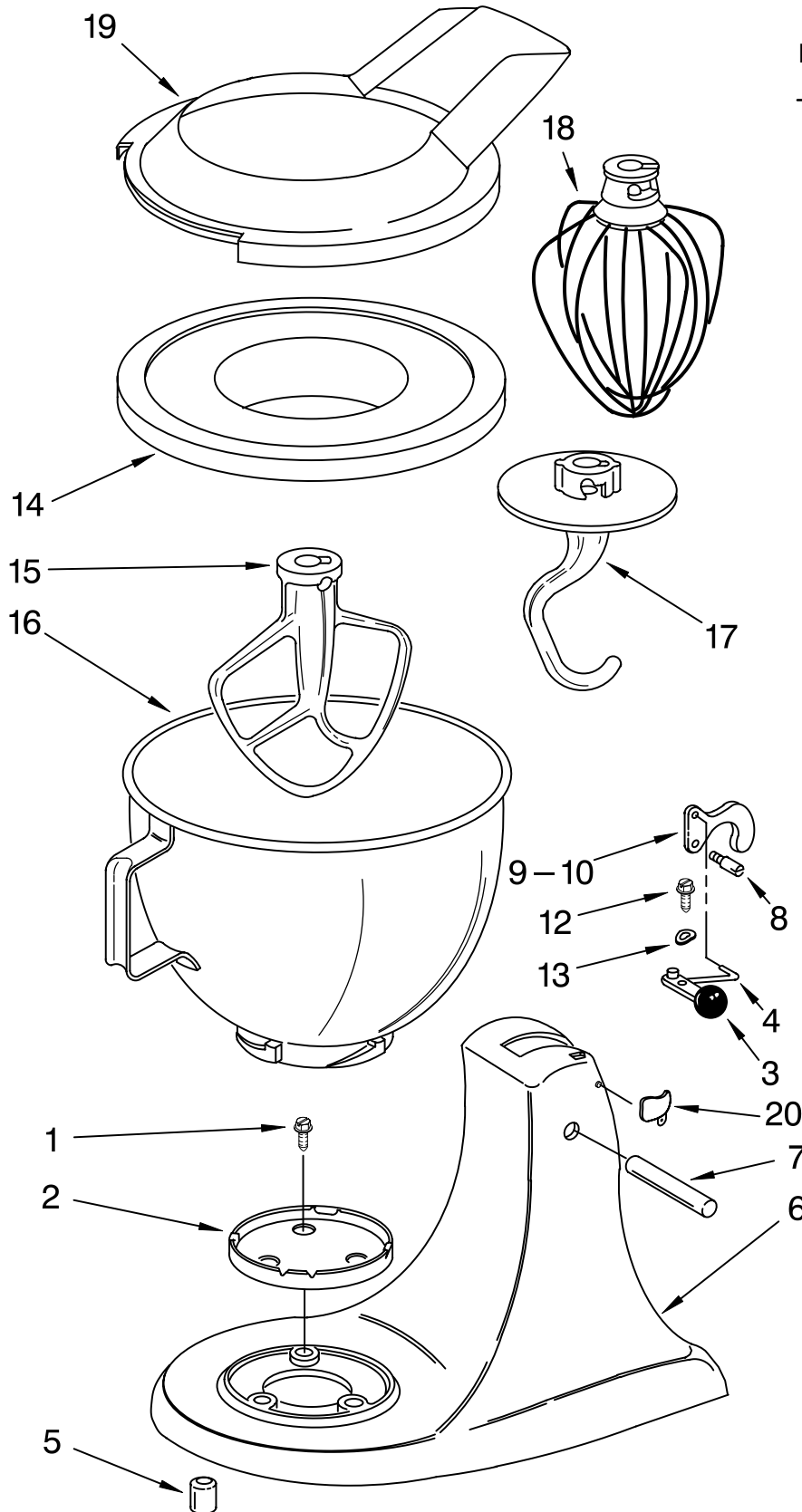
- 4162008 White
- 3184273 *White (International)*
- 9704747 Satin Copper
- 4176012 Cobalt Blue
- 9706264 Nickel
- 4176122 Imperial Gray
- 4176329 Imperial Gray (Crinkle)
- 4176167 Gloss Black
- 4176128 Empire Green
- 4176194 Almond Creme
- 4176201 Royal Blue
- 4176229 Royal Crimson
- 3184275 *Onyx Black (International)*
- 4176327 Empire Red
- 4176328 Majestic Yellow
- 9706467 Pink
- 4176335 Chrome
- 9704000 Black Chrome
- 9705525 Biscuit
- 9705237 Caviar

Availability of All Colors Subject to Change. Any Color Not Listed is No Longer Available. If Additional Colors Are Added, This Page Will Be Updated.

FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST

# BASE AND PEDESTAL UNIT

For Model: KSM90 AND KSM103



Illus. No.	Part No.	DESCRIPTION
1	3400020	Screw 10-24 X 1/2" Phil. Flat Hd. Type F
2	4163032	Screw Cap Kit
3	4176024	Black
	4176212	White (Storm Gray)
4	4159743	Link, Latch
5	4161530	Foot, Base
6	**	Pedestal
7	4159649	Pin, Hinge
8	4160594	Screw, Latch Bearing
9	4159744	Latch, Link & Lever (Incls. Illus. 3, 4, 10 & 11)
10	4162206	Latch
12	4160965	Screw, Pivot
13	4161697	Washer, Spring
14	4176018	Cover, Bowl
15	4162163	Beater, Flat
16	4163336	Bowl And Base (4 1/2 Qt.)
17	3183588	Dough Hook
18	9704329	Wire Whip
19	4176452	Pouring Shield One-Piece (International)
20		Head Lock (International)
	3184262	White
	3184264	Black

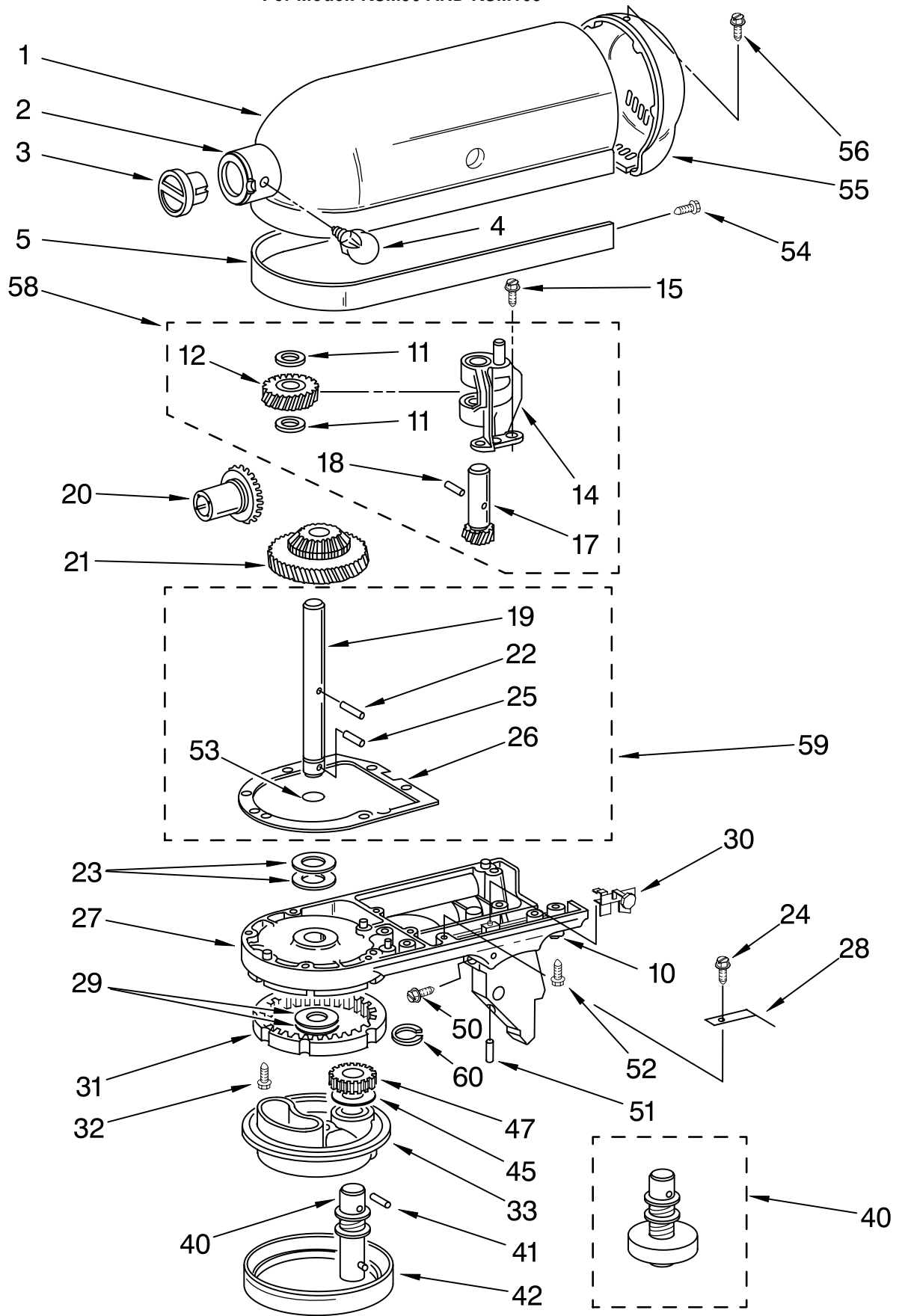
## LITERATURE PARTS

- LIT9706634 Guide, Use And Care
- LIT9705170 Guide, Use and Care (International)
- LIT4176924 Repair Parts List

FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST

# CASE, GEARING AND PLANETARY UNIT

For Model: KSM90 AND KSM103



FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST

# CASE, GEARING AND PLANETARY UNIT

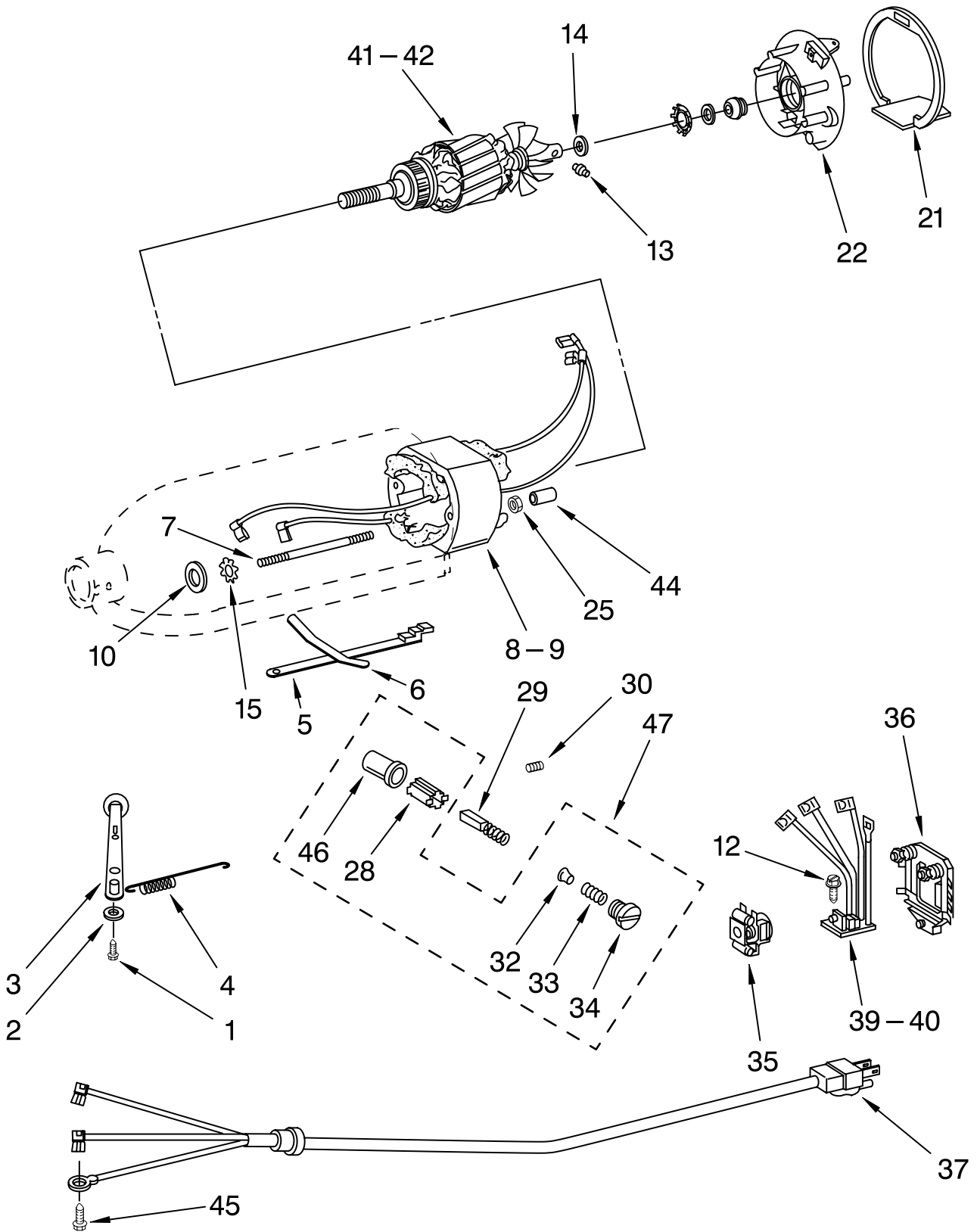
For Model: KSM90 AND KSM103

Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION
1	**	Gearcase Motor Housing (Includes Illus 2)	22	4161950	Pin (Vertical Center Shaft)	45	3180160	Washer, Shim (.015" Thk.)
2	4159709	Ring, Attachment Hub	23	3180163	Washer, Fiber Black, Gray	47	9703903	Pinion, Gear (18T) (Agitator Shaft)
3		Cap, Attachment Hub	24	4176022	Screw (International)	50	4160413	Screw, Adjusting
	4163469	Chrome	25	9705443	Pin, Grooved	51	4159264	Set Screw, 1/4"-28 X 3/8" Hdls., Cup Pt.
	4176209	White	26	4162324	Gasket, Transmission Case	52	4159204	Machine Screw, 10-24 X 1 Fil. Head
4		Thumb Screw	27	**	Lower Gear Case	53	4159817	"O" Ring
	4162142	Black	28	9701864	Spring Flat (International)	54	4159430	Screw, Self Tapping 6-32 X 1/4" Phil. Pan Hd. Type F
	4176211	White (Storm Gray)	29	3180163	Washer, Fiber Black, Gray	55	**	Cover, End
5	**	Band, Trim	30	9701866	Headlock Assembly (International)	56	4162914	Screw, 6-32 X 3/8 Phil. Oval Hd.
10	4159479	Lock Washer, #10 Light	31	9703904	Gear, Internal	58	4162101	Worm Gear Bracket And Gear (10 T & 23 T) (Incls. Illus 11 thru 14 17 & 18)
11	3180161	Washer, Fiber Black, Gray	32	4160595	Screw, Special (5)	59	4160474	Center Shaft & "O" Ring (Incls. Illus. 19,22,25,26, & 53)
12	4162897	Worm Gear (23T)	33	**	Planetary	60	9703438	Ring
14	4162099	Worm Gear Bracket And Bearing	34	4176067	Agitator Shaft (Includes Illus. 60)			
15	3400022	Screw And L.W. Assy. #10-24 X 7/16" Phil. Fil. Hd. (3)	35	3184052	Agitator Shaft (Includes Cup) (International)			
17	4162037	Shaft & Pinion (10T)	36	4161950	Pin (Agitator Shaft Pinion)			
18	9705444	Pin, Grooved	37	4162074	Ring, Planetary Drip			
19	4161956	Shaft, Vertical Center						
20	9705900	Gear, Attachment Hub Bevel (23T)						
21	9703905	Bevel Pinion (19T) & Center Gear (62T)						

FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST

# MOTOR AND CONTROL PARTS

For Model: KSM90 AND KSM103



FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST

# MOTOR AND CONTROL PARTS

For Model: KSM90 AND KSM103

Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION
1	4160965	Screw, Pivot	37		Cord & Plug	4164778		Mixer Attachment
2	4161697	Washer, Spring		9701025	White			Pak (Includes Food
3		Switch Lever		9702318	White			Grinder (FG-A),
		And Stud			(International)			Food Strainer
	3184193	Black		9701026	Black			(FVSP), And
	3184194	Storm Grey		9702319	Black			Vegetable Slicer,
4	3183680	Spring, Control			(International)			(RVS-A)
		Plate	39	9706595	Phase Control			(FPP-A)
5	3184176	Speed Link & Cam			Board	4164749		Food Grinder
6	4162035	Spring, Flat			(120 Volt)			(FG-A)
7	4162344	Screw, Stator	40	9706596	Phase Control	4164751		Grain Mill
8	9702695	Field Assembly			Board (230Volt)			(GM-A)
		(Must Use With Item	41	4162959	Armature &	4164768		Pasta Maker And
		# 41) 115 Volts			Bearing (115 V.)			Food Grinder
9	4169539	Field Assembly			Incls. Illus 11)			(Includes SNP
		(Must Use With			(Must use with			Pasta Maker
		Illus. 42)			Illus. 8)			Plates)
		(230 Volts)	42	4162960	Armature & Bearing			(SN/FG-A)
10	9704324	Washer, Bearing			(230 V.) (Incls.	4164775		Fruit/Vegetable
12	4159438	Screw, Self Tapping			Illus. 11) (Must			Strainer Parts (Use
		4-40 X 5/16"			use with Illus. 9)			With FG-A Model
		Phil. Pan Hd.	44	4162634	Sleeve, Motor			Only) (FVSP)
		Type TT			Stud	4164750		Rotor Slicer/Shredder
13	4159662	Stud, Governor	45	3184609	Screw, Ground			(With 4 Standard
		Drive			Tapping (10-24			Cones) Fine Shredder,
14	3180162	Washer, Spacing			X 1/4") Phil.			Coarse Shredder,
15	3400900	Washer	46	3179908	Housing, Brush			Thick Slicer, And
21	4162351	Seal, End			Holder			Thin Slicer (RVS-A)
22	3180526	Bracket, Bearing	47	4162546	Brush Holder	3177975		Pouring Shield
		Asm.			(Incls. Illus.			(KPS2CL)
25	4159074	Nut, Machine			28, 32, 33, 34,	4164824		Pasta Maker Plates
		Hex (10-24)			& 46)			(SNP-A)
28	4162320	Insert, Brush				4164774		Fruit/Vegetable
		Holder						Strainer And Food
29	3184115	Brush, Carbon						Grinder (FVS/FG-A)
30	4159262	Set Screw,				3180617		Cover, Decorative
		10-24 X 1/4"						(Cotton Polyester)
		Hdls. Cup Pt				4162838		Food Tray (FT)
32	4161745	Cap, Spring				4164748		Juicer (JE)
		Seat				4164747		Can Opener (CO)
33	4161746	Spring, Cap				4164803		Sausage Stuffer
34		Cap, Brush Holder						Kit (SSA)
	3184212	Black		4164839	Speed Disc	3177924		Bowl Cover, Plastic
	3184211	White			(Service Tool)			Non-Sealing
35	4159675	Governor Assembly		4160588	Grease, Planetary	4163337		Bowl, Stainless
36	4176137	Control Plate						With Handle
		Assembly				3180262		Bowl, 3 Qt.
						4162160		Bowl, Satin
								Stainless

FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST