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# KITCHENAID KSM90AC Owner's Manual

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KSM90AC](#)

**KitchenAid®**

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

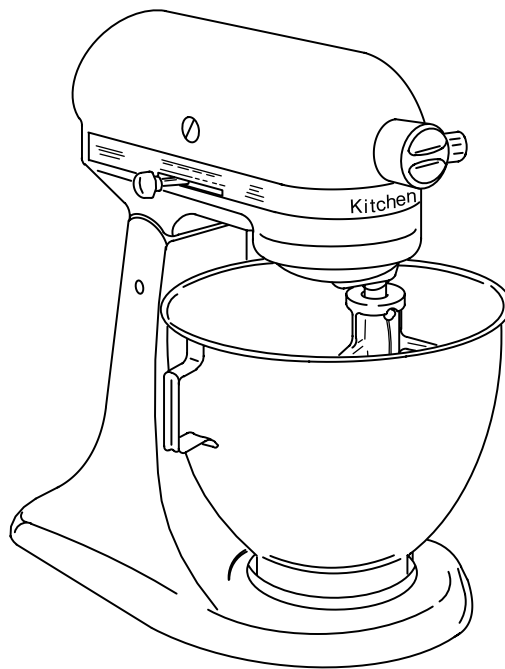
# PARTS LIST

for

# **KitchenAid®**

*INTERNATIONAL PART NUMBERS ITALICIZED*

## **MIXER VARIATIONS OF KSM90, KSM103, AND KSM110 SOLID STATE**



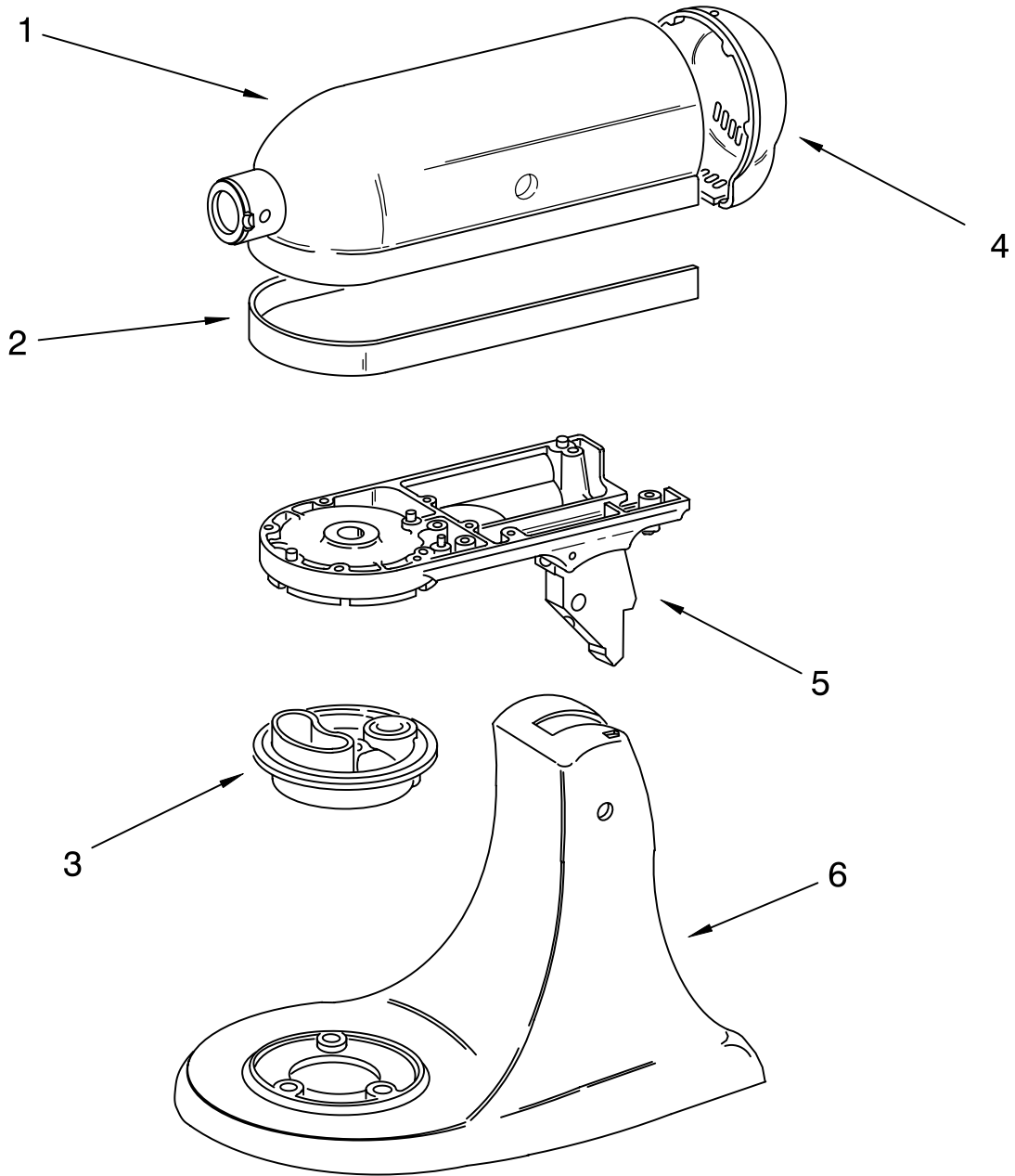
KITCHENAID



ST. JOSEPH MICHIGAN 49085

# COLOR VARIATION PARTS

For Models: KSM90, KSM103, & KSM110



FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST

# COLOR VARIATION PARTS

For Models:KSM90, KSM103, & KSM110

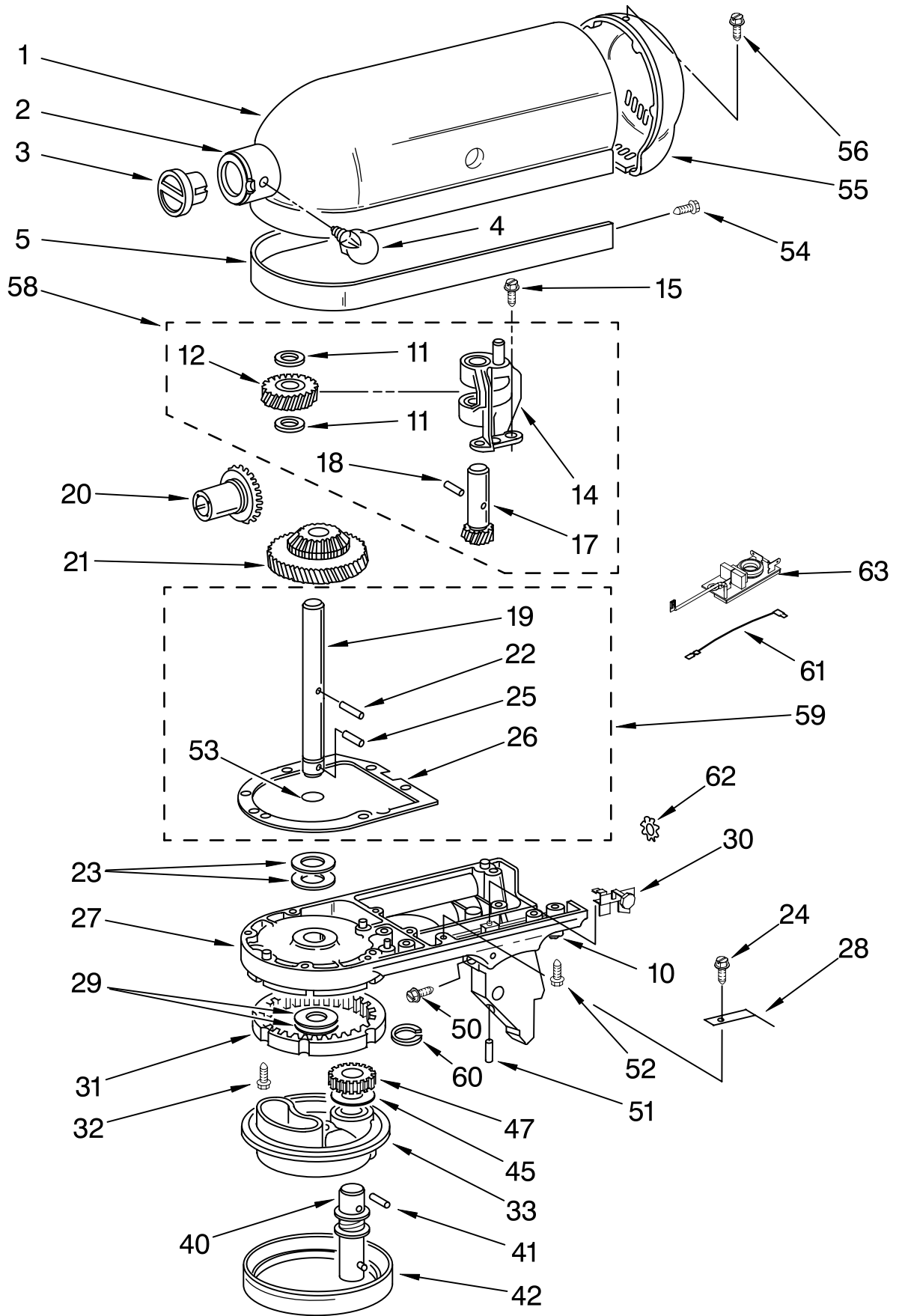
Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION
1	240291-1	Motor Housing	4	240253-1	End Cover	6	240151-1	Pedestal
	9704752	White		9704757	White		3184273	White
	240291-7	Satin Copper		240253-8	Satin Copper		9704747	Satin Copper
	9706270	Cobalt Blue		9706268	Cobalt Blue		240151-8	Cobalt Blue
	9706461	Nickel		4176449	Nickel		9701768	Cobalt Blue
	9704004	<i>Nickel</i>		9704029	Metallic Chrome		9706264	<i>Cobalt Blue</i>
	9704025	Metallic Chrome		240253-23	<i>Metallic Chrome</i>		9706457	Nickel
	240291-22	Imperial Gray		240253-14	Imperial Gray		9704000	<i>Nickel</i>
		(Crinkle)		240253-11	(Crinkle)		9707189	Metallic Chrome
	240291-13	Onyx Black		240253-16	Onyx Black		240151-21	Imperial Gray
	240291-10	Empire Green		4176224	Empire Green			(Crinkle)
	240291-16	Almond Creme		240253-22	Almond Creme		9703247	<i>Imperial Gray</i>
	4176227	Royal Crimson		240253-21	Royal Crimson		240151-13	Onyx Black
	240291-21	Empire Red		9706469	Empire Red		3184275	<i>Onyx Black</i>
	240291-20	Majestic Yellow		4176339	Majestic Yellow		240151-11	Empire Green
	9706473	Pink		4176449	Pink			(Domestic & Japan)
	4176337	Chrome		4176449	Chrome		9701769	<i>Empire Green</i>
	9704004	Black Chrome		4176449	Black Chrome		240151-15	Almond Creme
	9704004	KSM103 & KSM110		9705241	KSM103 And KSM110		9703248	<i>Almond Creme</i>
	9705243	Caviar			Caviar		4176229	Royal Crimson
2		Trim Band	5	240350-4	Lower Gearcase		240151-20	Empire Red
		United States		9701393	White		9703245	<i>Empire Red</i>
	9702645	Black on Silver		240350-20	<i>White</i>		240151-19	Majestic Yellow
	9702633	Chrome & KSM110			(United Kingdom)		9703246	<i>Majestic Yellow</i>
		Models		9704749	<i>White on White</i>		9706467	Pink
	9704530	White		240350-31	(Japan)		9707362	<i>Pink</i>
	9702635	White (KSM90PSWH)		9701420	Satin Copper		4176335	Chrome
	9701264	White on White		9706269	Cobalt Blue		9701767	<i>Chrome</i>
	9701468	Almond Creme		9706459	<i>Cobalt Blue</i>		9704000	Black Chrome
		<i>International &amp;</i>		9704002	Nickel		9704000	KSM103 & KSM110
	9704643	<i>Taiwan</i>		9707219	<i>Nickel</i>		9705237	Caviar
	9704641	<i>Black on Silver</i>		240350-86	Metallic Chrome			
		<i>White</i>		240350-56	<i>Metallic Chrome</i>			
	9704655	<i>Swiss</i>		240350-46	Imperial Gray			
	9704653	<i>Black on Silver</i>		9701422	(Crinkle)			
		<i>White</i>		240350-62	Onyx Black			
	9705180	<i>Japan</i>		4176221	Empire Green			
	9705182	<i>Black on Silver</i>		240350-84	(International)			
		<i>White</i>		240350-91	<i>Empire Green</i>			
	9704498	<i>Australia</i>		240350-82	(Japan)			
		<i>Black on Silver</i>		240350-93	Almond Creme			
3		Planetary		9706471	Royal Crimson			
	240286-1	White		9707364	Empire Red			
	9704755	Stain Copper		9701398	Majestic Yellow			
	240286-10	Cobalt Blue		9704002	<i>Majestic Yellow</i>			
	9706271	Nickel		9704002	Pink			
	9704006	Metallic Chrome		9704002	<i>Pink</i>			
	9706670	<i>Metallic Chrome</i>		9704002	Chrome			
	240286-24	Imperial Gray		9704002	Black Chrome			
		(Crinkle)		9704002	KSM103 And KSM110			
	240286-16	Onyx Black		9705242	Caviar			
	240286-13	Empire Green						
	240286-18	Almond Creme						
	4176226	Royal Crimson						
	240286-23	Empire Red						
	240286-22	Majestic Yellow						
	9706475	Pink						
	4176338	Chrome						
	9704006	Black Chrome						
	9704006	KSM103 & KSM110						
	9705244	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

# CASE, GEARING AND PLANETARY UNIT

For Models: KSM90, KSM103, & KSM110



FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST

# CASE, GEARING AND PLANETARY UNIT

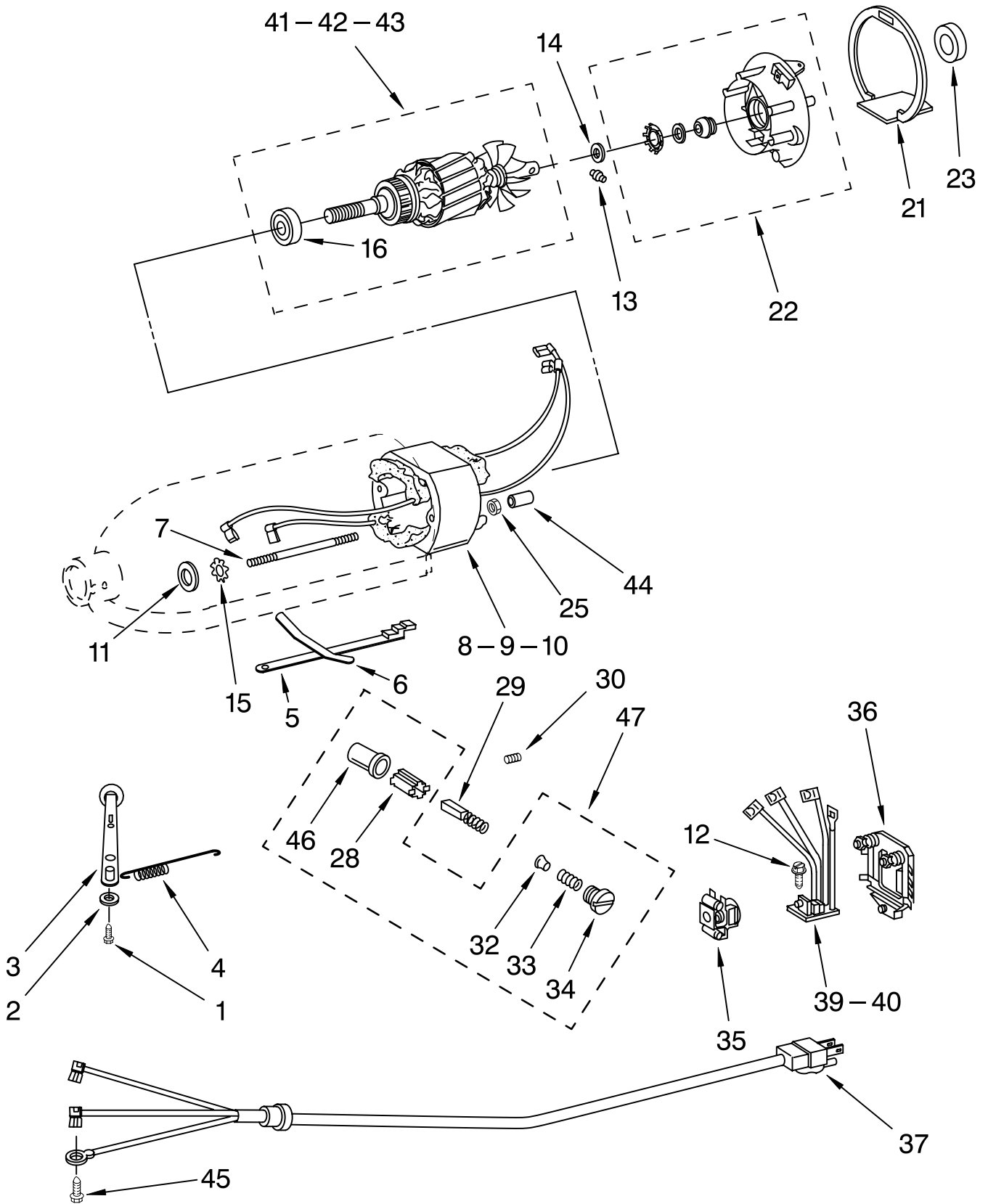
For Models:KSM90, KSM103, & KSM110

Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION
1	**	Gearcase Motor Housing (Includes Illus 2)	22	240018-1	Pin (Vertical Center Shaft)	47	9703903	Pinion, Gear (18T) (Agitator Shaft)
2	4159709	Ring, Attachment Hub	23	3180163	Washer, Fiber Black, Gray	50	4160413	Screw, Adjusting
3		Cap, Attachment Hub	24	4176022	Screw (International)	51	4159264	Set Screw, 1/4"-28 X 3/8" Hdls., Cup Pt.
	242765-2	Chrome	25	9705443	Pin, Grooved	52	3400025	Machine Screw, 10-24 X 1
	242765-4	White	26	4162324	Gasket, Transmission Case			Fil. Head
4		Thumb Screw	27	**	Lower Gear Case	53	67500-55	"O" Ring
	4162142	Black	28	9701864	Spring Flat (International)	54	4159430	Screw, Self Tapping
	240374-2	White (Storm Gray)	29	3180163	Washer, Fiber Black, Gray			6-32 X 1/4" Phil. Pan Hd.
	240374-3	Buff	30	9701866	Headlock Assembly (International)	55	**	Cover, End
5	**	Band, Trim	31	9703904	Gear, Internal	56	4162914	Screw, 6-32 X 3/8 Phil. Oval Hd.
10	4159479	Lock Washer, #10 Light	32	103994	Screw, Special (5)	58	240309-2	Worm Gear Bracket And Gear (10 T & 23 T) (Incls. Illus 11 thru 14 17 & 18)
11	3180161	Washer, Fiber Black, Gray	33	**	Planetary			
12	4162897	Worm Gear (23T)	40	4176067	Agitator Shaft (Includes Illus. 60)	59	4160474	Center Shaft & "O" Ring (Incls. Illus. 19,22,25,26, & 53)
14	240308	Worm Gear Bracket And Bearing		3184052	Agitator Shaft (Includes Cup) (International)	60	9703438	Ring
15	3400022	Screw And L.W. Assy. #10-24 X 7/16" Phil. Fil. Hd. (3)	41	240018-1	Pin (Agitator Shaft Pinion)	61	9702311	Lead, Filter to Control Board
17	240210-2	Shaft & Pinion (10T)	42	240285	Ring, Planetary Drip	62	3400900	Lockwasher
18	9705444	Pin, Grooved		240285-2	Polished	63	9706789	Filter, RFI
19	240026	Shaft, Vertical Center	45	3180160	Washer, Shim (.015" Thk.) (.031" Thk.)		9705132	Taiwan
20	9705130	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 Models: KSM90, KSM103, & KSM110



FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST

# MOTOR AND CONTROL PARTS

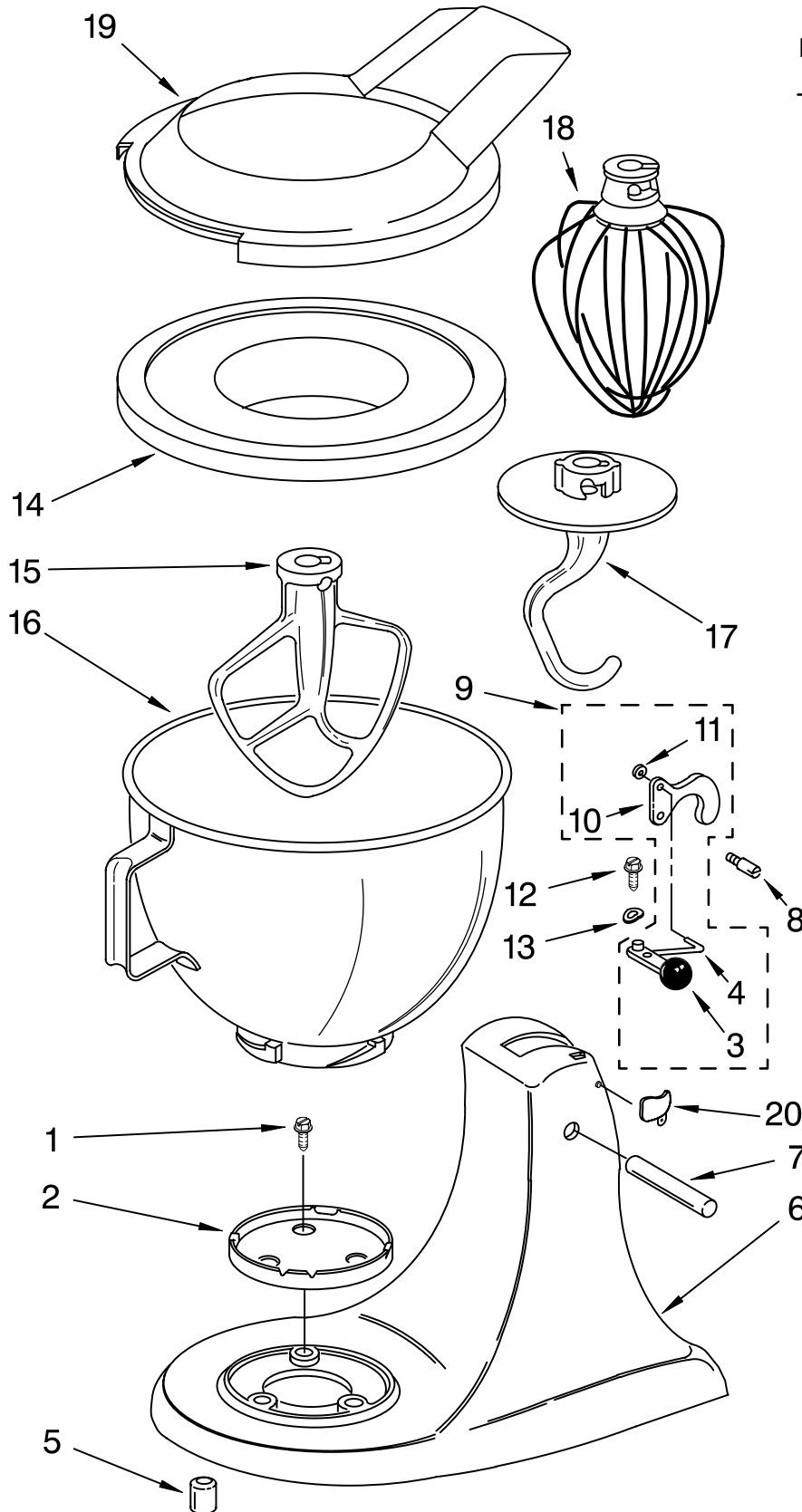
For Models: KSM90, KSM103, & KSM110

Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION	Illus. No.	Part No.	DESCRIPTION
1	110679	Screw, Pivot	35	17830	Governor Assembly	OPTIONAL PARTS		
2	116241	Washer, Spring	36	240904-2	Control Plate	OPTIONAL ATTACHMENTS, ACCESSORIES AND SERVICE ITEMS		
3		Switch Lever And Stud	37		Assembly Cord & Plug White			
	3184193	Black		9701025	United States			
	3184194	Storm Grey		9702318	International			
	3184195	Buff		9704389	Swiss			
4	3183680	Spring, Control Plate		9702314	United Kingdom			
	3183690	International		9702368	Australia			
5	3184176	Speed Link & Cam			Black			
6	4162035	Spring, Flat		9701026	United States			
7	240769	Screw, Stator		9702319	International			
8	9702695	Field Assembly (Must Use With Item # 41) 120 Volts		9704390	Swiss			
9	9701670	Field Assembly (International) (Must Use With Illus. 42) (230 Volts)		9702315	United Kingdom			
10	4176217	Field Assembly (Japan) (Must use with Item 13) (100 Volts)	39	9706595	Phase Control Board (120 Volt)	4164839		Speed Disc (Service Tool)
11	9704324	Washer, Bearing	40	9706596	Phase Control Board (230 Volt)	4160588		Grease, Planetary
12	3400402	Screw, Self Tapping 4-40 X 5/16" Phil. Pan Hd. Type TT	41	9708315	Armature & Bearing (120 V.) Domestic & Taiwan) (Must use with Illus. 8)	4164778		Mixer Attachment Pak (Includes Food Grinder (FG-A), Food Strainer (FVSP), And Vegetable Slicer, (RVS-A) (FPP-A)
13	16998	Stud, Governor Drive	42	9708316	Armature & Bearing (230 Volt) (Must use with Item 9)	4164749		Food Grinder (FG-A)
14	3180162	Washer, Spacing	43	9708314	Armature & Bearing (Japan) (Must Use with Item 10)	4164751		Grain Mill (GM-A)
15	3400900	Washer	44	4162634	Sleeve, Motor Stud	4164768		Pasta Maker And Food Grinder (Includes SNP Pasta Maker Plates) (SN/FG-A)
16	9708320	Ball Bearing	45	3184609	Screw, Ground Tapping (10-24 X 1/4") Phil.	4164775		Fruit/Vegetable Strainer Parts (Use With FG-A Model Only) (FVSP)
21	240775-1	Seal, End	46	3179908	Housing, Brush Holder	4164750		Rotor Slicer/Shredder (With 4 Standard Cones) Fine Shredder, Coarse Shredder, Thick Slicer, And Thin Slicer (RVS-A)
	3184356	International	47	4162546	Brush Holder (Incls. Illus. 28, 32, 33, 34, & 46)	3177975		Pouring Shield (KPS2CL)
22	3180526	Bracket, Bearing Asm.				4164824		Pasta Maker Plates (SNP-A)
23	3180238	Washer, Felt				4164774		Fruit/Vegetable Strainer And Food Grinder (FVS/FG-A)
25	8533905	Nut, Machine Hex (10-24)				3180617		Cover, Decorative (Cotton Polyester)
28	240680	Insert, Brush Holder				4162838		Food Tray (FT)
29	9706416	Brush, Carbon				4164748		Juicer (JE)
30	9707926	Set Screw, 10-24 X 1/4" Hdls. Cup Pt				4164747		Can Opener (CO)
32	116286	Cap, Spring Seat				4164803		Sausage Stuffer Kit (SSA)
33	116287	Spring, Cap				3177924		Bowl Cover, Plastic Non-Sealing
34		Cap, Brush Holder				4163337		Bowl, Stainless With Handle
	3184212	Black				3180262		Bowl, 3 Qt. (KSM103 & KSM110)
	3184211	White				4162160		Bowl, Satin Stainless
	3184213	Almond Creme						

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# BASE AND PEDESTAL UNIT

For Models: KSM90, KSM103, & KSM110



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	Lever, Latch Black
	3184178	Black
4	242928-2	White (Storm Gray)
4	24450	Link, Latch
5	115792	Foot, Base
6	**	Pedestal
7	16910	Pin, Hinge
8	103993	Screw, Latch Bearing
9	24452-2	Latch, Link & Lever (Incls. Illus. 3, 4, 10 & 11)
	3184200	International
10	4162206	Latch
11	4159598	Washer
12	110679	Screw, Pivot
13	116241	Washer, Spring
14	4176018	Cover, Bowl
15	9707669	Beater, Flat
16	4163336	Bowl And Base (4 1/2 Qt.)
17	9707671	Dough Hook
18	9704329	Wire Whip
19	9706633	Pouring Shield
	4176452	Professional Mod. International
20	4176452	Head Lock (International)
	3184262	White
	3184264	Black

## LITERATURE PARTS

	Guide, Use And Care
LIT9707917	United States
LIT9705170	(International)
LIT9705125	Japan
LIT8204542	Repair Parts List

FOR ORDERING INFORMATION REFER TO PARTS PRICE LIST