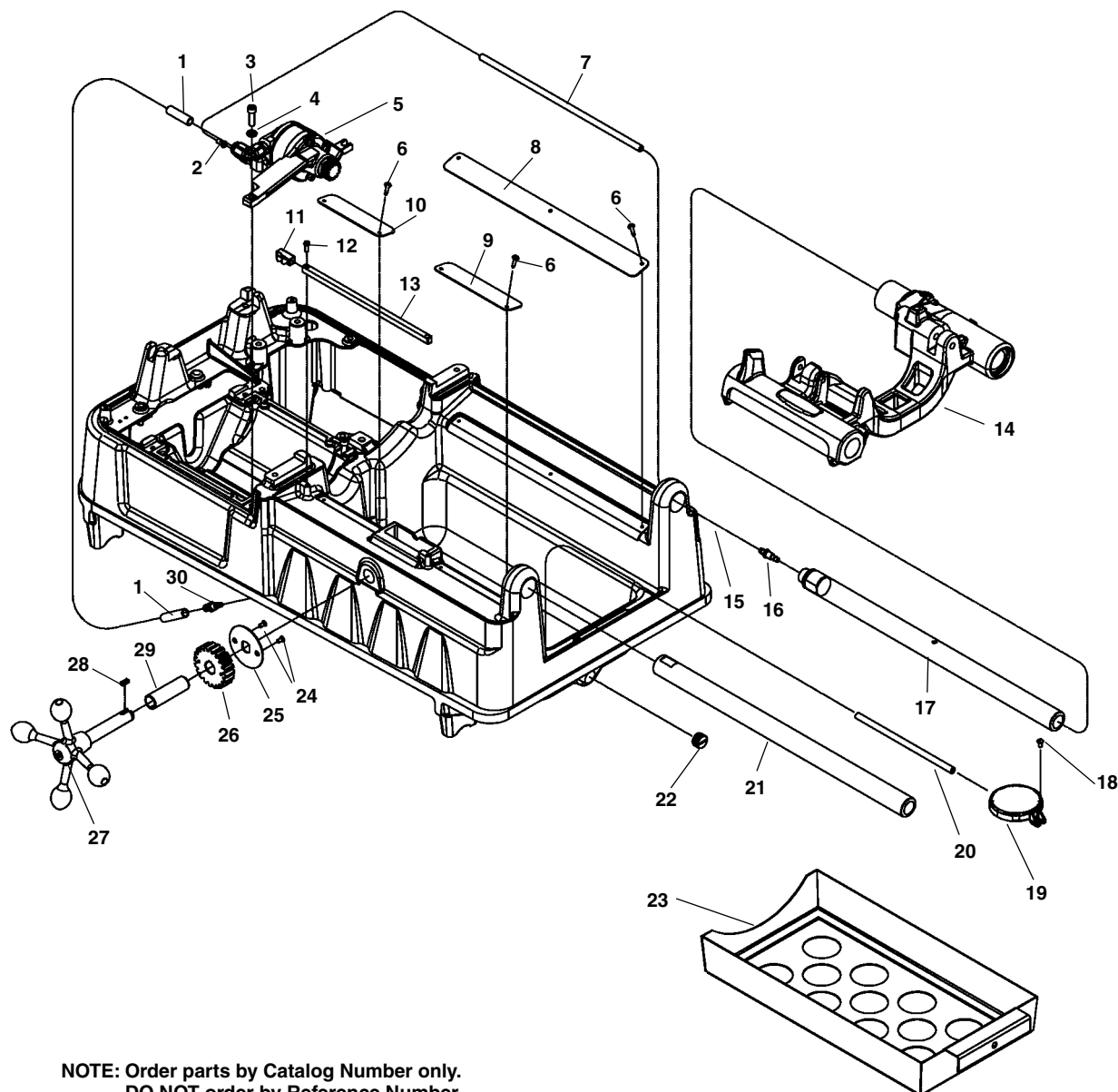
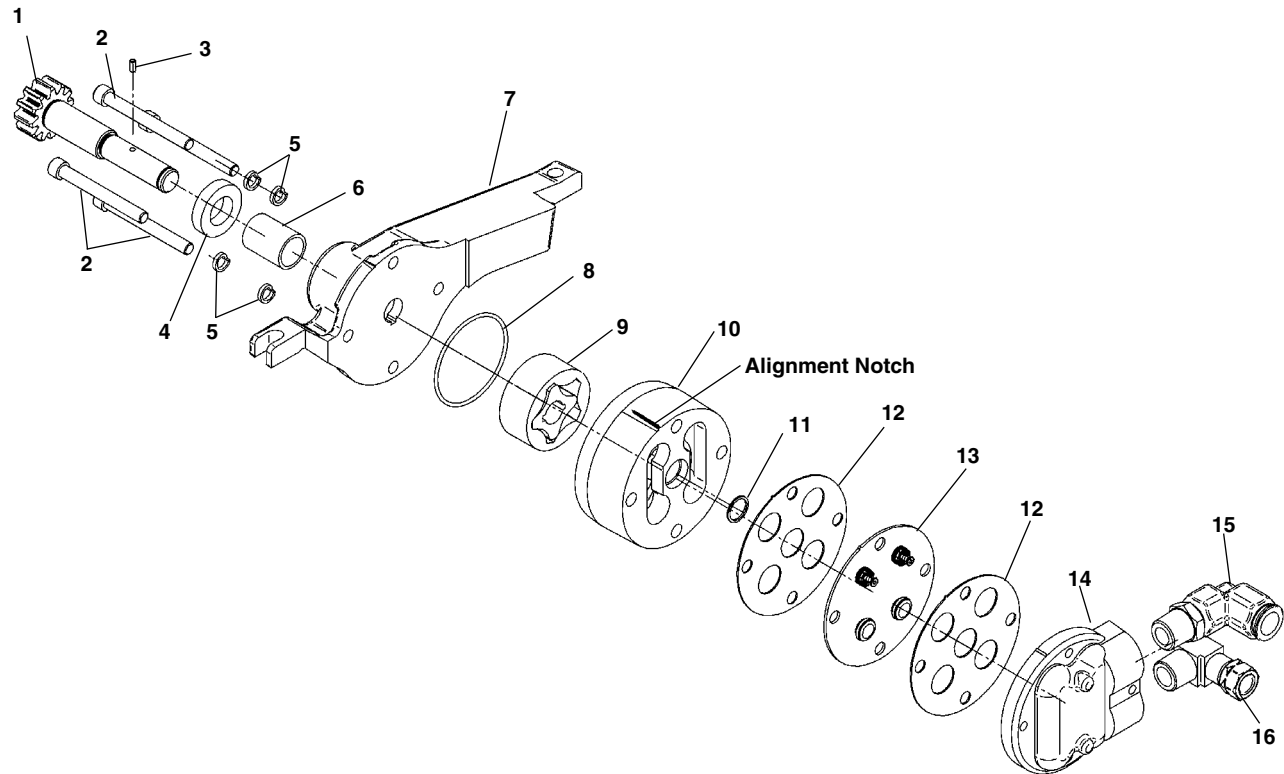


Carriage and Oiling Components – Universal Motor Machines



NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.

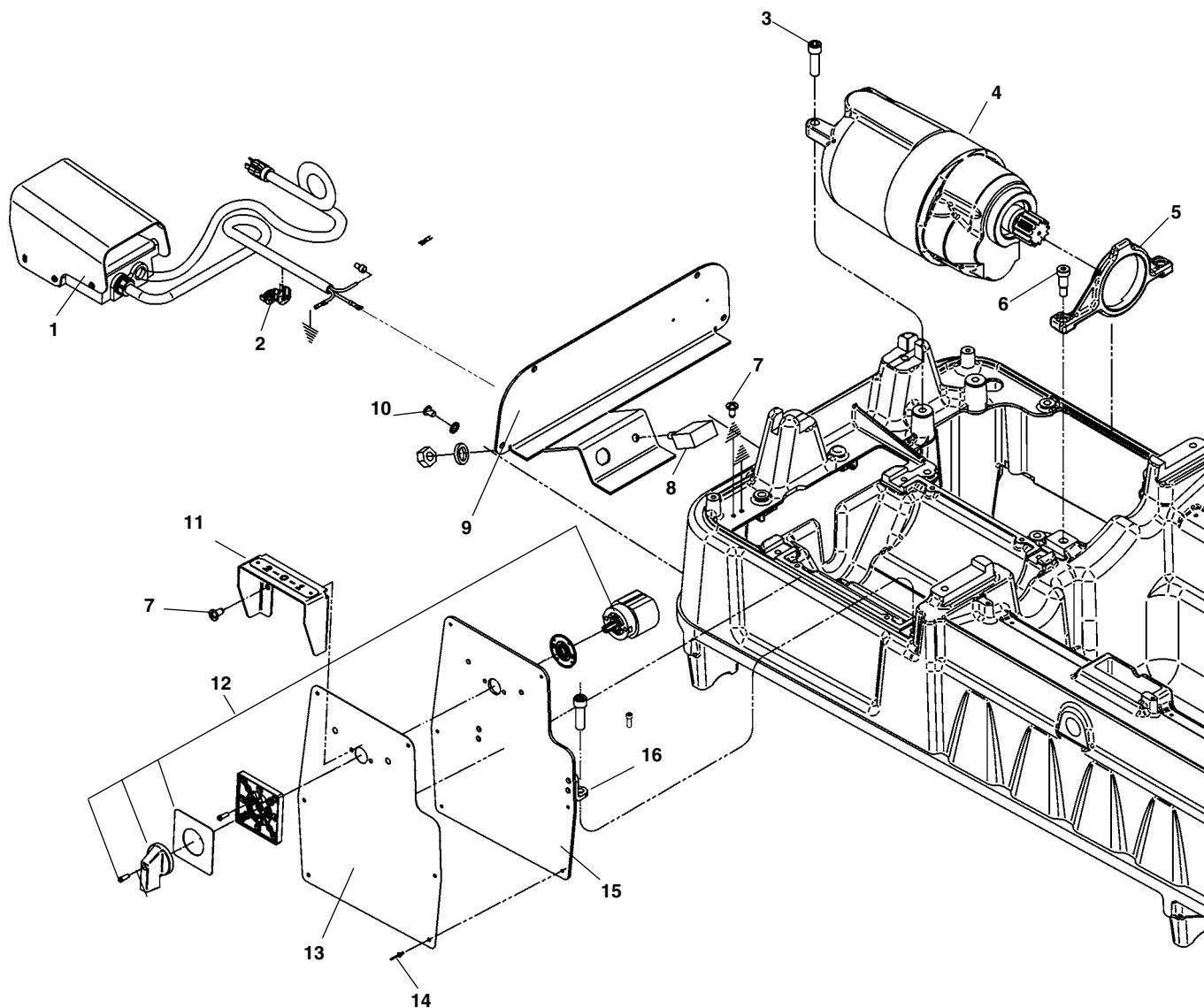
Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	26822	Oil Hose, Input 21"	16	69167	Barbed Fitting
2	35117	Tube Insert	17	45220	Support Bar, Rear
3	44590	Screw, $\frac{5}{16}$ " - 18 x 1" S.H.C.S.	18	45420	Screw, #10 - 32 x $\frac{3}{8}$ "
4	40770	$\frac{5}{16}$ " Lock Washer	19	58467	Filter Screen Assembly
5	96517	Oil Pump	20	87950	Oil Hose, Filter
6	43367	Screw, #8 x $\frac{3}{4}$ "	21	45440	Support Bar, Front
7	94362	Oil Hose, Output	22	96447	Drain Plug $\frac{1}{2}$ " NPT
8	94127	Drip Edge	23	94112	Chip Tray
9	94117	Drip Edge	24	46785	Screw, Flat Head #10 - 32 x $\frac{3}{8}$ " (2)
10	94122	Drip Edge	25	47120	Pinion Lock Ring
11	47110	Indicator Slide	26	45430	Pinion
12	45615	Screw, Flat Head #10 - 32 x $\frac{1}{2}$ " (2)	27	94012	Handwheel
13	47105	Length Indicator Bar	28	94267	Key, $\frac{3}{16}$ " Square x $\frac{1}{2}$ "
14	94357	Carriage Assembly	29	94222	Bushing
15	35142	Hose Clamp	30	54142	Bulkhead Fitting



**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description
—	96517	535M Left Hand Threading Kit
1	21813	Pinion Shaft
2	62017	Screw, Soc. Hd. Cap 1/4" - 20 x 2 1/4" (4)
3	26907	Roll Pin 3/32" x 1/4"
4	33472	Oil Seal
5	45150	Lockwasher (4)
6	61972	Bronze Bearing
7	21818	Pump Body
8	33477	O-Ring
9	62007	Gerotor
10	62002	Gerotor Housing
11	61997	Retaining Ring
12	33457	Valve Gasket (2)
13	33452	Valve Retainer
14	33442	Valve Body
15	21823	Elbow Fitting, Swivel
16	21828	Elbow Fitting, Compression

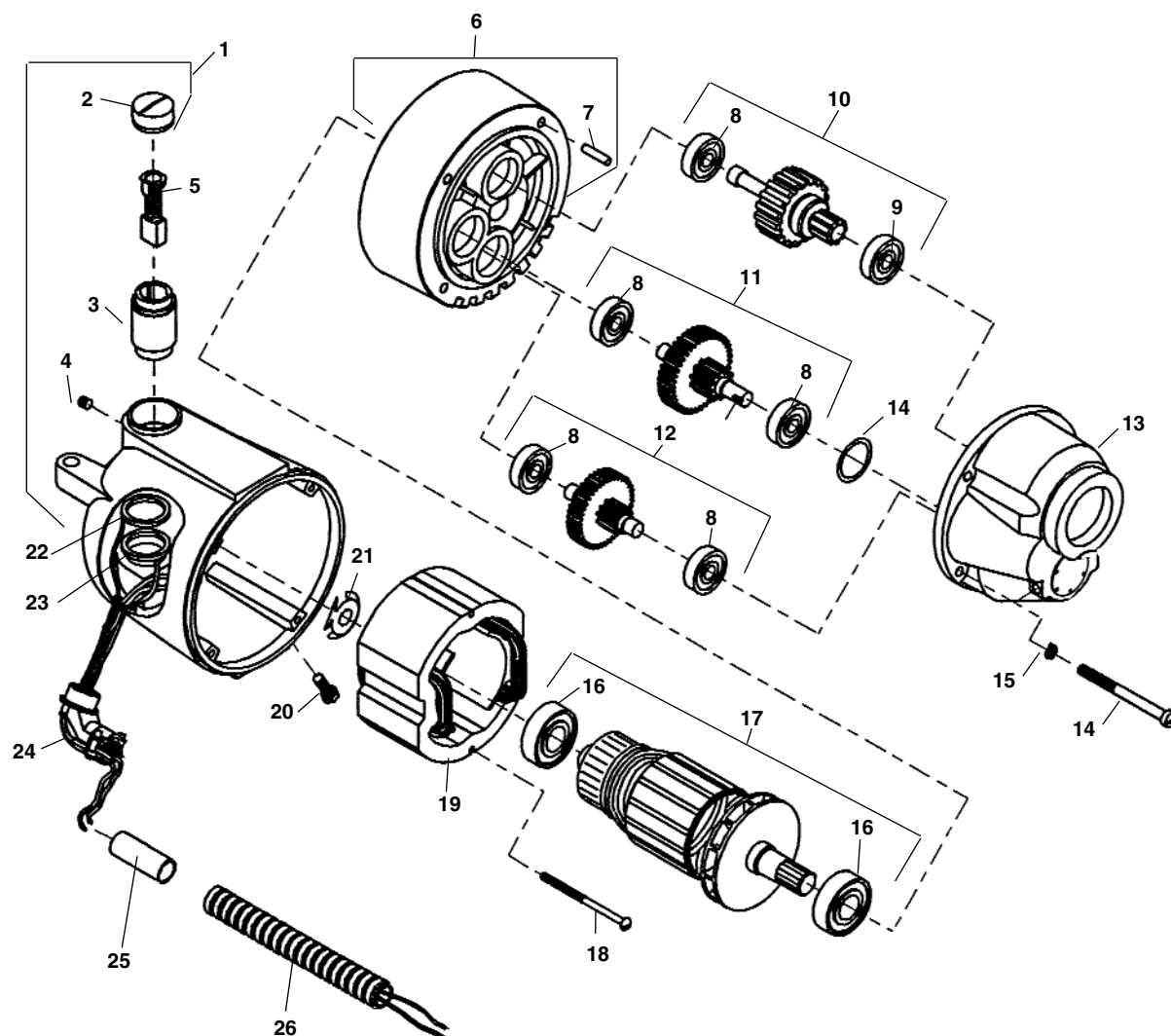
Electrical Components – Universal Motor Machine



**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	36652	Foot Switch, B-296	9	63372	Suppressor
2	40017	Foot Switch, B-298	10	47147	Screw, Button Head #10 - 32 x 3/8" (2)
3	75952	Strain Relief (2)	11	96452	Switch Cover
4	46745	Screw (2)	12	26983	Switch Assembly
5	36262	Shoulder Bolt (2)	13	26978	Control Panel Label
6	96402	Motor Bracket	14	94427	Pop Rivet (6)
7	75815	Washer, Lock (2)	15	96457	Control Panel
8	45420	Screw (4)	16	40910	Screw
	26973	Back Cover			

1102-CE
1103-CE
2302-CE
2303-CE

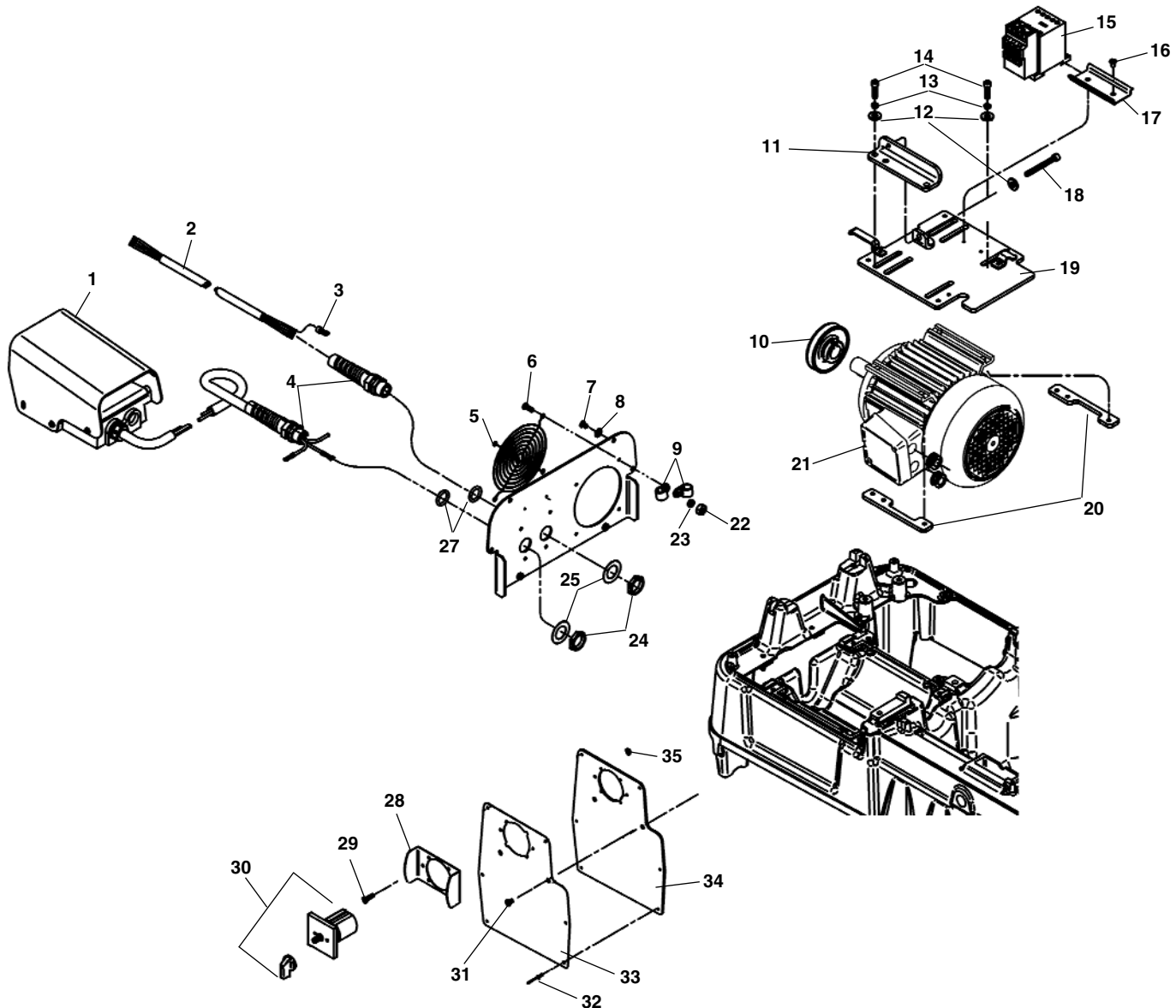


**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	43160	Housing Assembly	11	44985	1st Gear Assembly	17	44010	Armature 1103-CE (115V)
2	44545	Brush Cap Set			1103-CE and 2303-CE		44030	Armature 2303-CE (230V)
3	45025	Brush Holder Set		62022	1st Gear Assembly		52497	Armature 1102-CE (115V)
4	39770	Set Screw (2)			1102-CE and 2302-CE		52492	Armature 2302-CE (230V)
5	44540	Brush Assembly Set	12	45005	2nd Gear Assembly	18	44555	Mounting Screw (2)
6	43165	Fan Housing Assembly			1103-CE and 2303-CE	19	44015	Field (115V)
	54552	Fan Housing Assembly		52527	2nd Gear Assembly		44038	Field (230V)
		1102-CE and 2302-CE	13	42875	Gear Housing	20	83500	Locking Screw (2)
7	45165	Dowel Pin	14	45075	Screw (4)	21	44580	Loading Spring
8	45060	Gear Bearings (5)	15	45150	Lock Washer	22	86680	White Upper Lead
9	45315	Front Bearing	16	44565	Armature Bearing (2)	23	86685	Red Lower lead
10	45370	Drive Gear				24	46900	Connector 90 Degree
						25	63377	Ferrite Bead
						26	95690	Flexible Conduit

† Refer to Speed Change Chart for Optional Speeds on Page 8

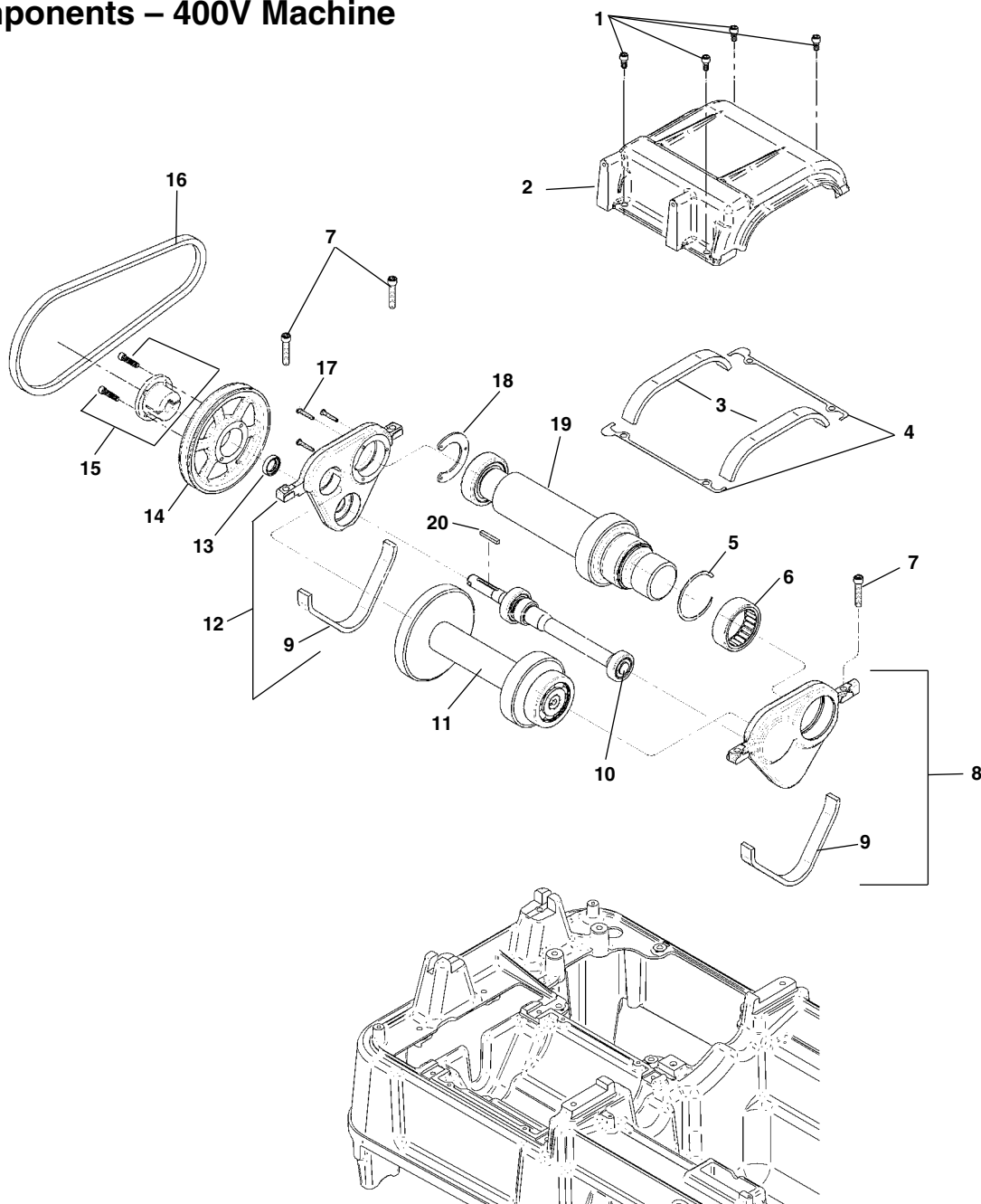
400V Electrical



**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	27063	Foot Switch	19	94192	Motor Table
2	75902	Power Cord 115V	20	94157	Motor Mounting Brackets
3	44635	End Splice	21	27078	Motor
4	27187	Strain Relief w/Lock Nut (2)	22	34722	Nut, Hex #10 - 32 (4)
5	94232	Fan Guard	23	58542	Washer, Lock #10 (4)
6	27118	Screw, Pan Head #6 - 32 x 3/4" (4)	24	93962	Lock Nut (2)
7	94337	Screw, Button Head 1/4" - 20 x 3/8"	25	36247	Hole Adapter
8	40270	Lock Washer, 1/4" External Tooth	26	94152	Back Cover
9	61912	1/2" Clamp	27	47147	Screw, Button Head #10 - 32 x 3/8" (2)
10	27073	Pulley	28	27103	Switch Guard
11	94162	Adjuster Bracket	29	45405	Screw, Slotted Round Hd. #8 - 32 x 7/16"
12	96740	Washer, Flat 5/16" (5)	30	27108	Switch Assembly
13	40770	Washer, Split Lock 5/16" (12)	31	94332	Screw, Socket Head 5/16" - 18 x 3/4"
14	36652	Screw, Socket Head 5/16" - 18 x 1 1/4" (8)	32	94427	Pop Rivet (6)
15	27093	Contact	33	27083	Control Panel Label
16	94332	Screw, Button Head 1/4" - 20 x 3/4"	34	27088	Control Panel
17	90517	in Rail	35	76190	Hex Nut, #8-32
18	27113	Screw, Socket Head 5/16" - 18 x 3 1/2"			

Gearbox Components – 400V Machine



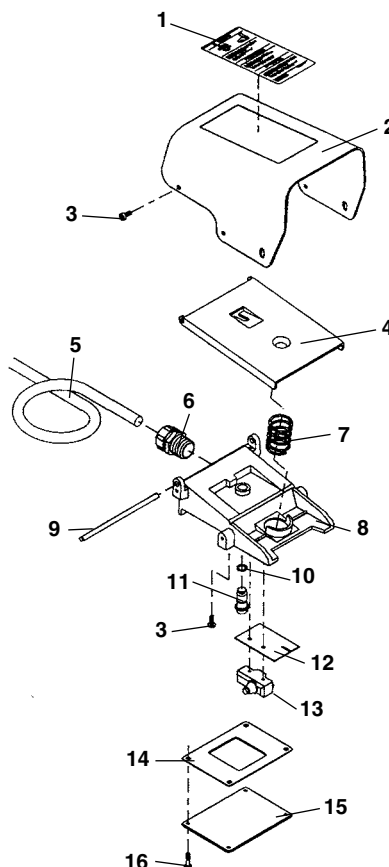
NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	36652	Screw, Socket Head 1/4" - 20 x 3/4" (4)	12	94172	Rear Transmission Bracket
2	26968	Transmission Cover	13	94202	Seal
3	94252	Gasket (2)	14	26948	Input Pulley
4	94242	Gasket (2)	15	94217	Bushing f/Input Pulley
5	94062	Retaining Ring	16	94262	V Belt
6	94052	Bearing	17	94317	Screw, Pan Head #8 - 32 x 1" (3)
7	40367	Screw, Socket Head 5/16" - 18 x 1 1/4" (4)	18	94177	Bearing Retainer
8	94167	Front Transmission	19	26958	Output Shaft Assembly
9	94247	Gasket (2)	20	94277	Key, 3/16" Square
10	26963	Input Shaft Assembly			
11	26953	Intermediate Shaft			

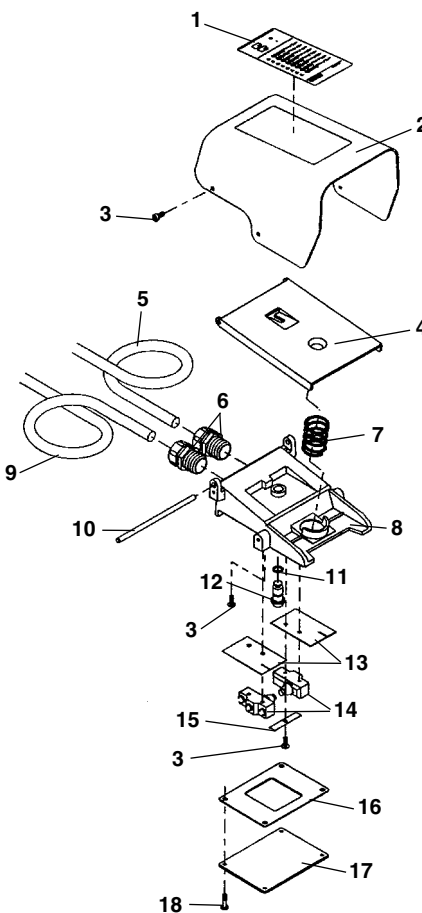
400V Machine

NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.

Ref. No.	Catalog No.	Description
1	26938	Warning Label
2	36692	Cover
3	36787	Screw #10 Self-tapping (5)
4	36697	Foot Pedal
5	36717	Cord
6	36732	Cord Connector
7	36702	Spring
8	54347	Base
9	36747	Pivot Pin
10	36767	O-Ring
11	36772	Poppet
12	54367	Insulator
13	26943	Micro Switch
14	54372	Seal
15	54362	Bottom Cover
16	54357	Bottom Cover Screw (4)



Ref. No.	Catalog No.	Description
—	36652	B-296 Foot Switch
—	36657	B-297 Foot Switch
—	40017	B-298 Foot Switch (U.K.)
—	40022	B-299 Foot Switch (Australia)
1	36677	Warning Label (B-296)
	36682	Warning Label (B-297)
	54392	Warning Label (B-298)
	45017	Warning Label (B-299)
2	54382	Cover
3	36787	Screw #10 Self-tapping (6)
4	36697	Foot Pedal
5	36717	Cord (B-299)
	18906	Cord (B-296)
	36722	Cord (B-297)
	45027	Cord (B-298)
6	36732	Cord Connector (2)
7	36702	Spring
8	54352	Base
9	18916	Line Cord (B-296)
	36797	Line Cord (B-297)
	45022	Line Cord (B-298)
	93210	Line Cord (B-299)
10	36747	Pivot Pin
11	36767	O-Ring
12	36772	Poppet
13	54367	Insulator (2)
14	36762	Micro Switch (2)
15	54377	Switch Bracket
16	54372	Seal
17	54362	Bottom Cover
18	54357	Bottom Cover Screw (4)



B-296
B-297
B-298
B-299