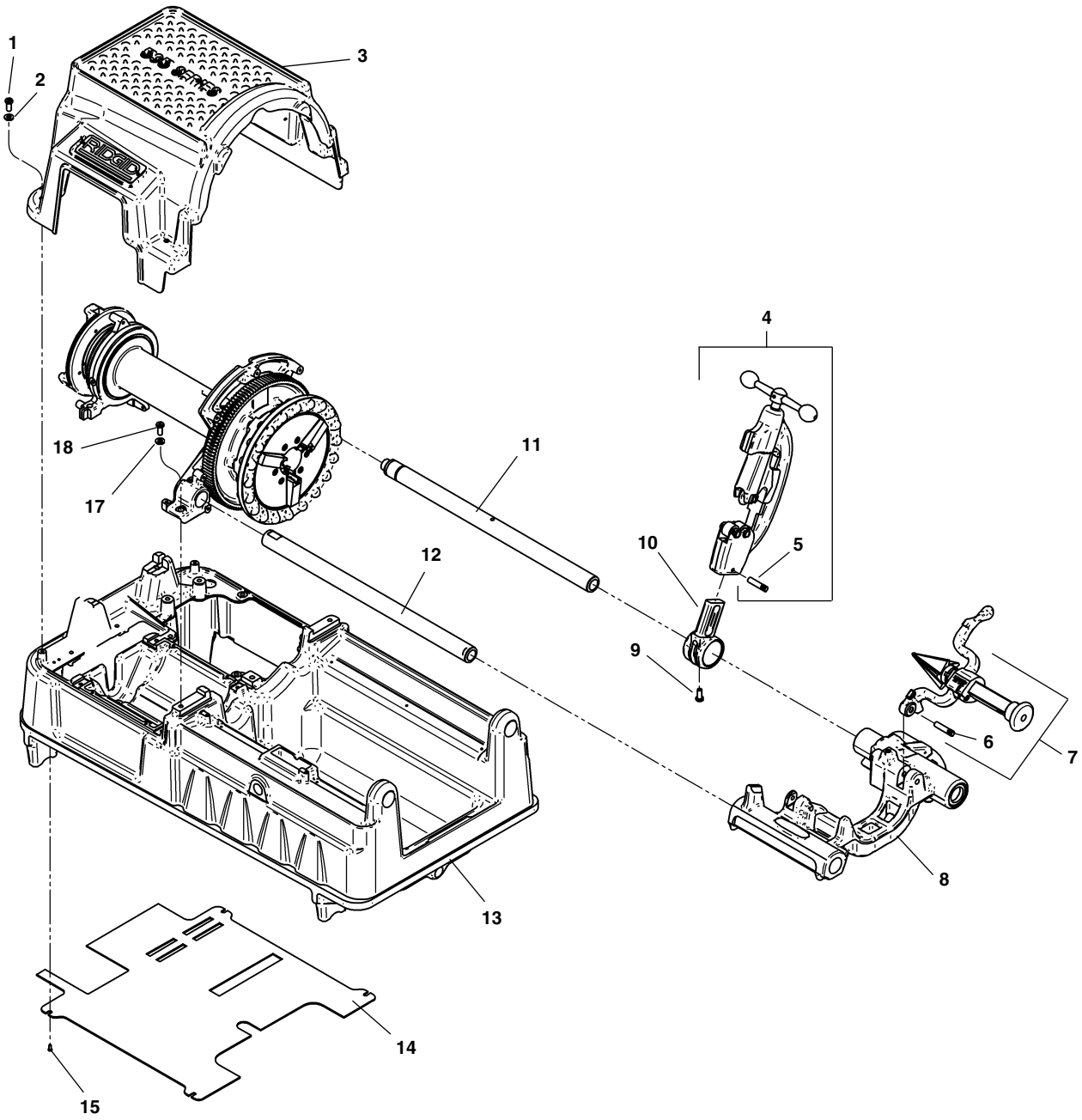
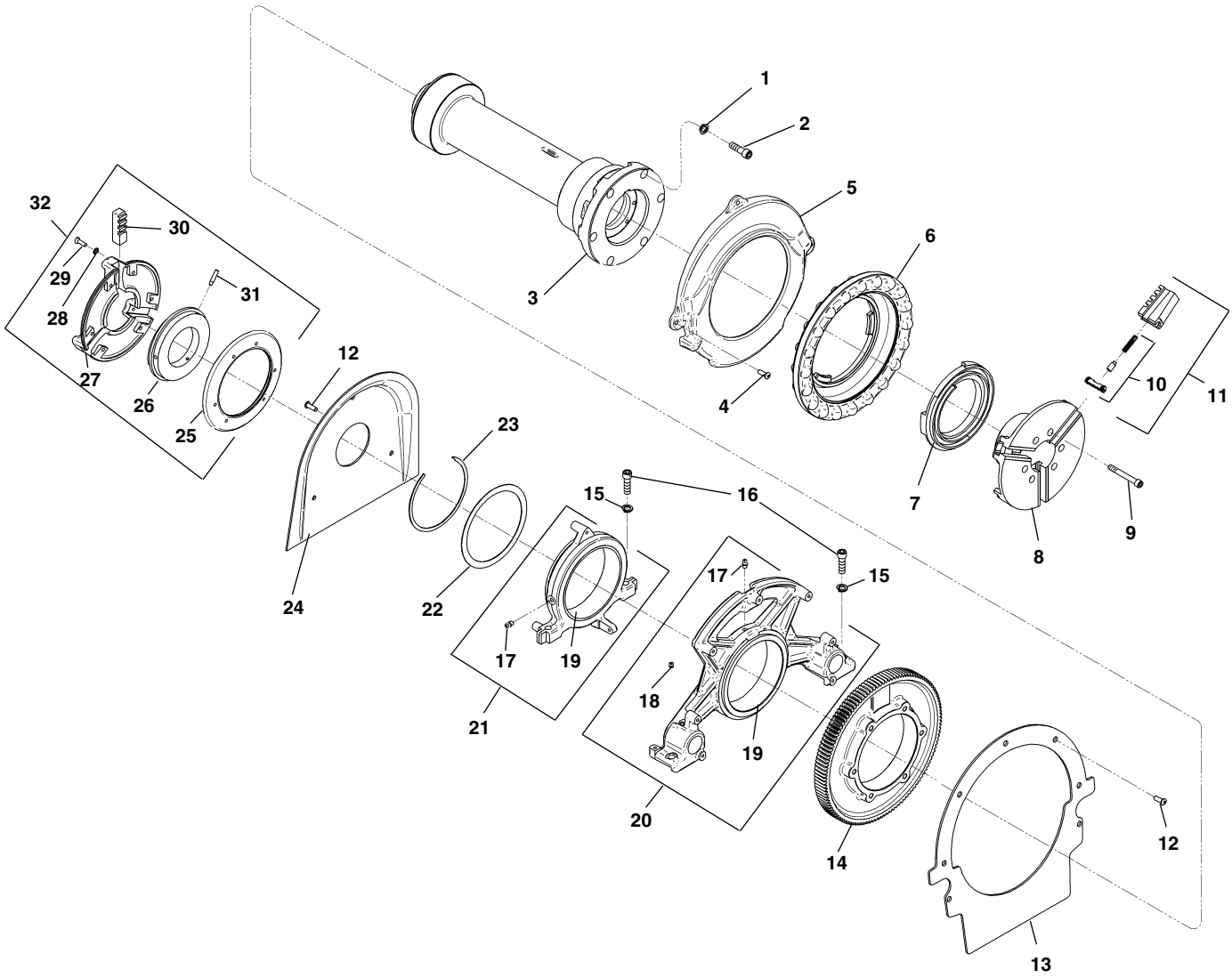
Main Components



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

Ref. No.	Catalog No.	Description
1	94332	Screw, Button Head 1/4" - 20 x 3/4" (4)
2	94322	Washer, Flat 1/4" (4)"
3	94432	Top Cover
4	42390	820 Cutter Assembly
5	47135	Stop Pin
6	47065	Pin
7	42365	341 Reamer Assembly
8	94357	Carriage Assembly
9	44930	Stop Screw
10	43690	Cutter Arm
11	45220	Rear Support Bar
12	45440	Front Support Bar
13	94042	Base
14	96432	Bottom Cover
15	94312	Screw, Pan Head #6 - 32 x 2" (4)

Drive Shaft Assembly

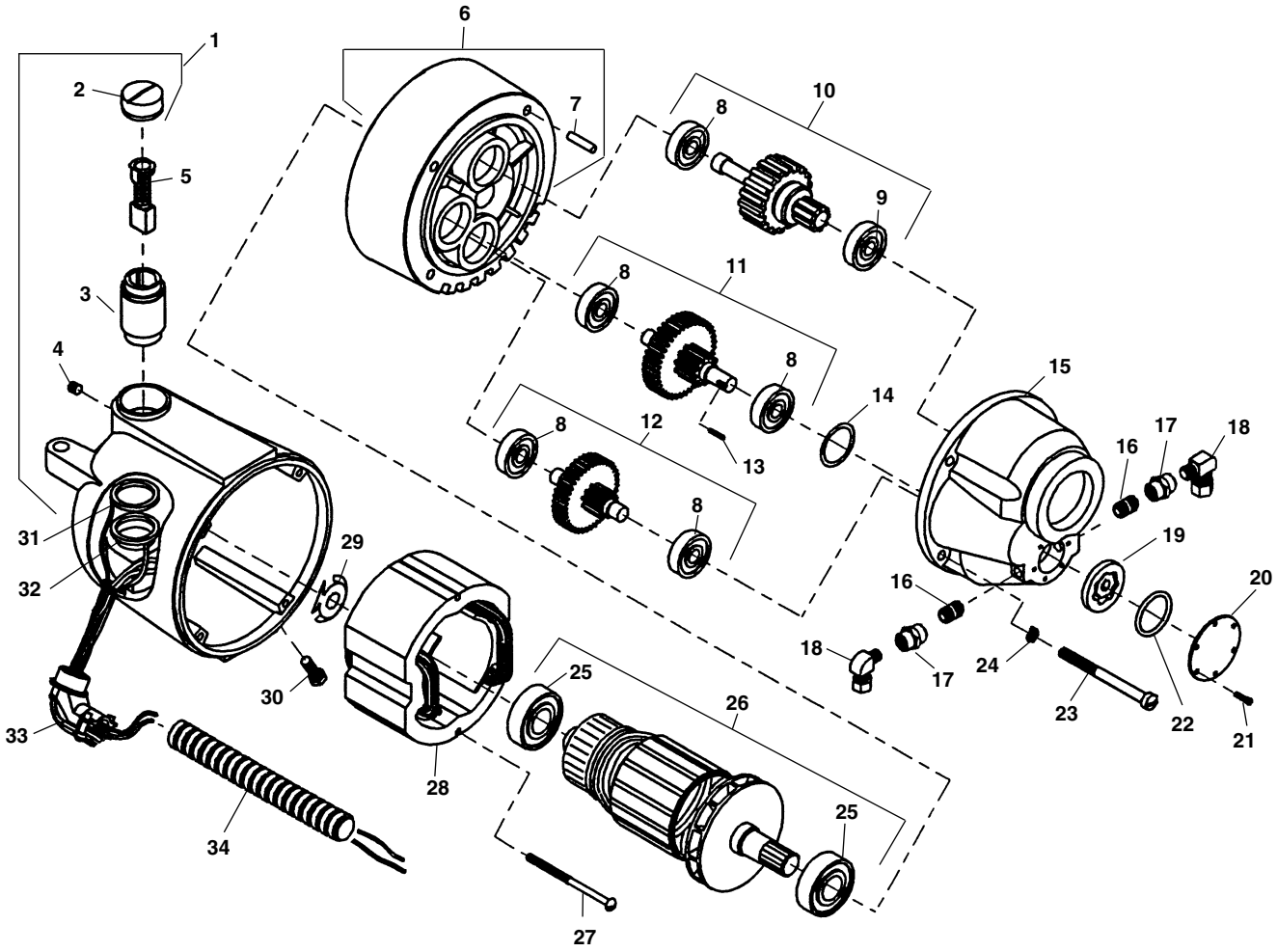


NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.

Ref. No.	Catalog No.	Description
1	40930	Washer, Lock 3/8"
2	46475	Screw, Soc. Hd. 3/8" - 16 x 1 1/4"
3	96427	Drive Shaft
4	94332	Screw, Button Head 1/4" - 20 x 3/4" (9)
5	96407	Front Cover
6	96422	Handwheel
7	43450	Scroll
8	43525	Chuck Cap
9	45295	Screw, 5/16" -18 x 2 3/4" (6)
10	44715	Insert Set
11	44090	Front Jaw (4)
12	94337	Screw, Button Head 1/4" - 20 x 3/8" (7)
13	94072	Front Plate
14	96417	Drive Gear
15	40930	Washer, Lock 3/8" (4)
16	46745	Screw, 3/8" - 16 x 1 1/4" (4)
17	46860	Grease Fitting (2)
18	40910	Set Screw 1/4" - 20 x 3/4" (4)
19	93957	Spindle Bearing (2)
20	94027	Front Bracket Assembly
21	94037	Rear Bracket Assembly
22	94392	Thrust Washer
23	94397	Retaining Ring
24	96487	Rear Cover
25	43740	Back Plate
	19356	Back Plate - Europe
26	44095	Scroll
27	43735	Centering Head
	19346	Centering Head - Europe
28	40270	Lock Washer (6)
29	46790	Screw, #12-24 x 3/4" (6)
30	46500	Centering Jaw (3)
31	45260	Step Pin (3)
32	44165	Centering Head Assembly

1101
2301

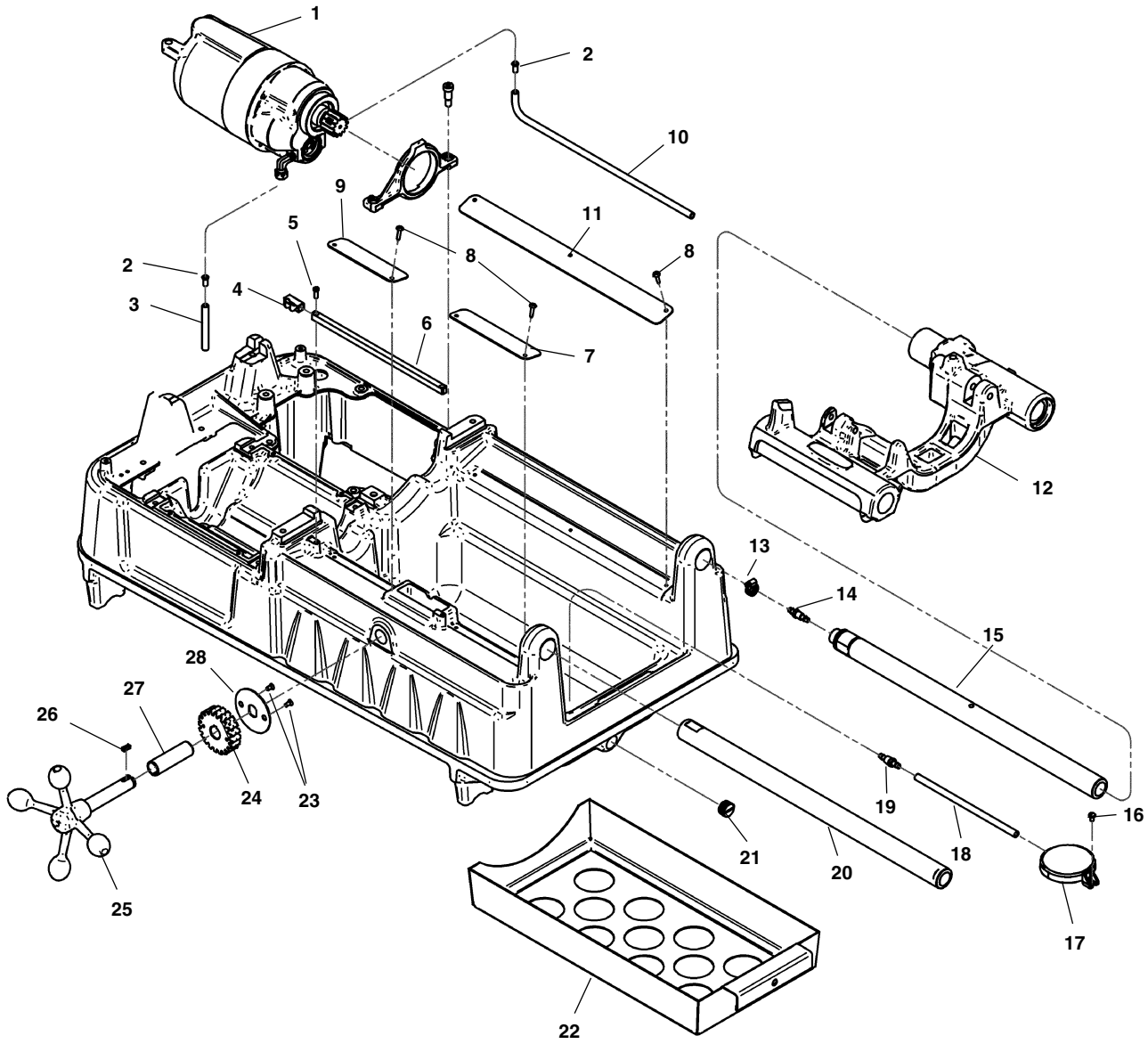
Motor



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

Ref. No.	Catalog No.	Description
—	96442	1101 Motor 115V
—	21208	2301 Motor 230V
1	43160	Housing Assembly
2	44545	Brush Cap Set
3	45025	Brush Holder Set
4	39770	Set Screw (2)
5	44540	Brush Assembly Set
6	54552	Fan Housing Assembly
7	45165	Dowel Pin
8	45060	Gear Bearings (5)
9	45315	Front Bearing
10	96437	Drive Gear
11	52522	1st Gear Assembly
12	52527	2nd Gear Assembly
13	96885	Pin
14	96880	Oil Seal
15	96830	Gear Housing
16	52507	Pipe Nipple 1/8" NPT (2)
17	52512	Coupling 1/8" NPT (2)
18	52517	90° Elbow Fitting (2)
19	96870	Gerotor Set
20	96840	Cover Plate
21	96890	Screw (6)
22	96875	O Ring
23	45075	Screw (4)
24	45150	Lock Washer
25	52517	Male Elbow
26	44565	Armature Bearing (2)
27	52497	Armature (115V)
	52492	Armature (230V)
27	44555	Mounting Screw (2)
28	44015	Field (115V)
	44035	Field (230V)
29	44580	Loading Spring
30	83500	Locking Screw (2)
31	96942	White Upper Lead
32	96492	Red Lower lead
33	46900	Connector 90
34	96482	Flexible Conduit

Oiling Components

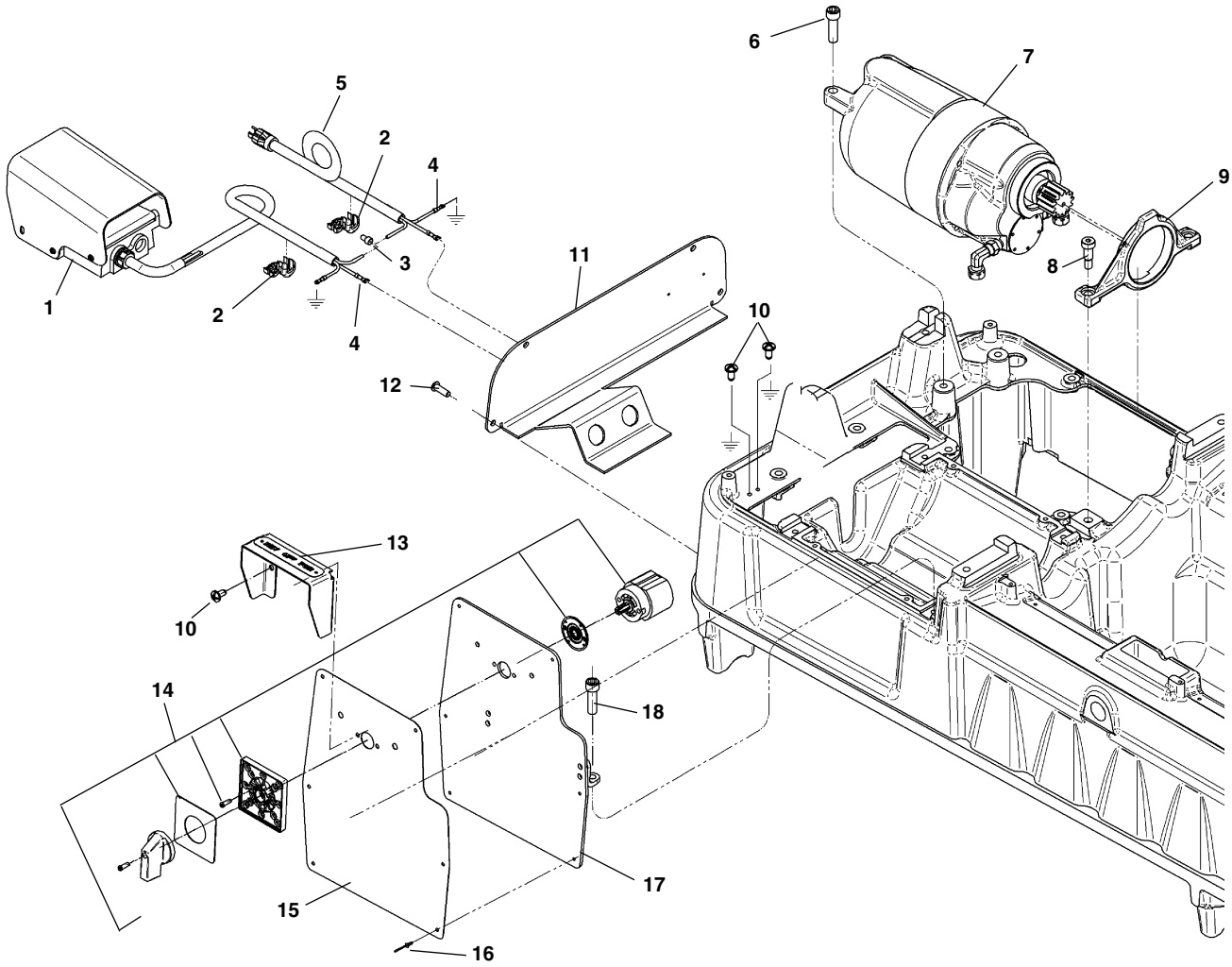


NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.

Ref. No.	Catalog No.	Description
1	96442	1101 Motor Assembly 115V
	21208	2301 Motor Assembly 230V
2	35117	Tube Insert
3	96477	Oil Hose,Input 13"
4	47110	Indicator Slide
5	45615	Screw, Flat Head #10 - 32 x 1/2" (2)
6	47105	Length Indicator Bar
7	94117	Drip Edge
8	43367	Screw, #8 x 3/4"
9	94122	Drip Edge
10	58482	Oil Hose,Input 25"
11	94127	Drip Edge
12	94357	Carriage Assembly
13	35142	Hose Clamp
14	69167	Barbed Fitting

Ref. No.	Catalog No.	Description
15	45220	Support Bar, Rear
16	45420	Screw, #10 - 32 x 3/8"
17	58467	Filter Screen Assembly
18	87950	Oil Hose, Filter
19	54142	Bulkhead Fitting
20	45440	Support Bar, Front
21	96447	Drain Plug 1/2" NPT
22	94112	Chip Tray
23	46785	Screw, Flat Head #10 - 32 x 3/8" (2)
24	45430	Pinion
25	94012	Handwheel
26	94267	Key, 3/16" Square x 1/2"
27	94222	Bushing
28	47120	Pinion Lock Ring

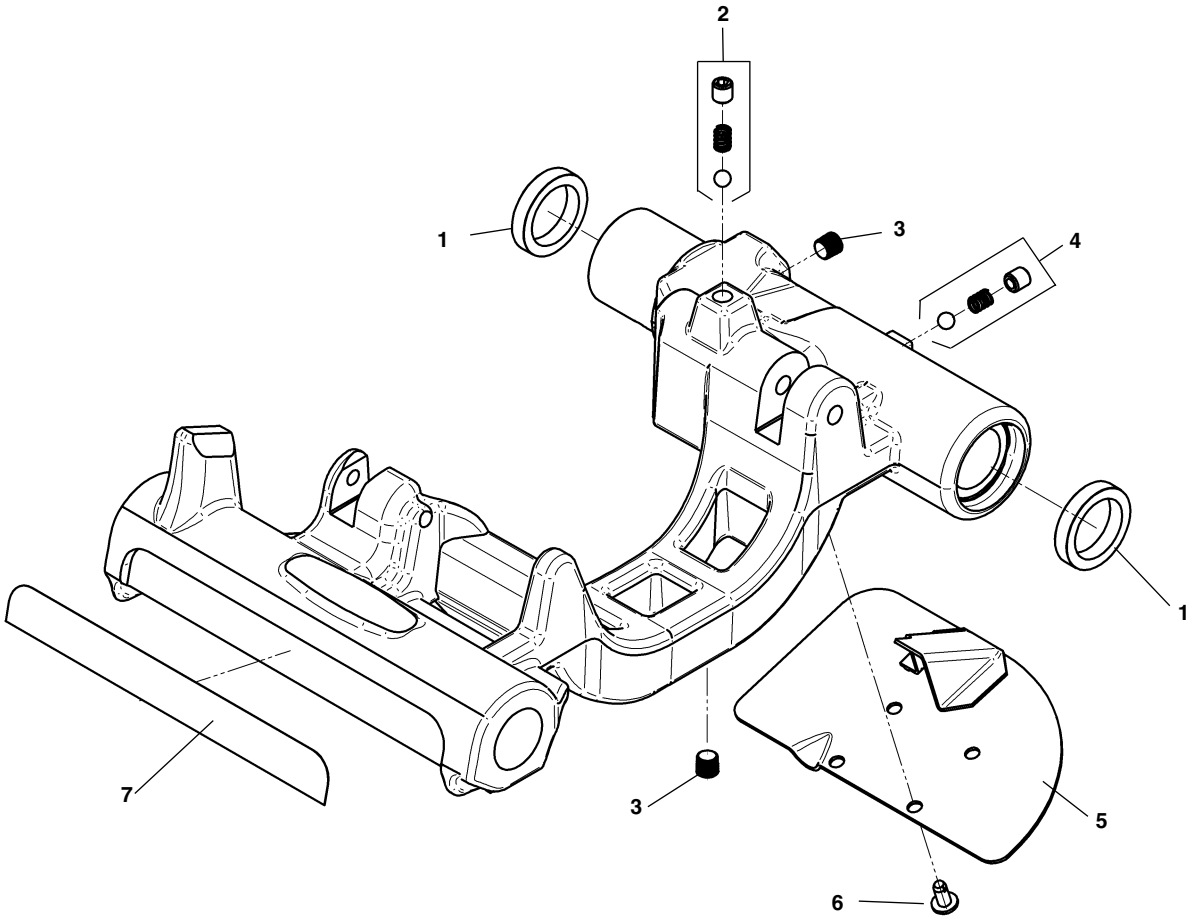
Electrical Components



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

Ref. No.	Catalog No.	Description
1	36642	Foot Switch, B-294
2	75952	Strain Relief (2)
3	44635	End Splice
4	46875	Spade Terminal (2)
5	75902	Power Cord 115V
6	46745	Screw (2)
7	96442	Motor
8	36262	Shoulder Bolt (2)
9	96402	Motor Bracket
10	45420	Screw (4)
11	94152	Back Cover
12	94337	Screw, Button Head 1/4" x 20 x 3/8" B.H.C.S. (4)
13	96452	Switch Cover
14	20123	Switch Assembly
15	96472	Warning Label
16	94427	Pop Rivet (6)
17	96457	Control Panel
18	40910	Screw

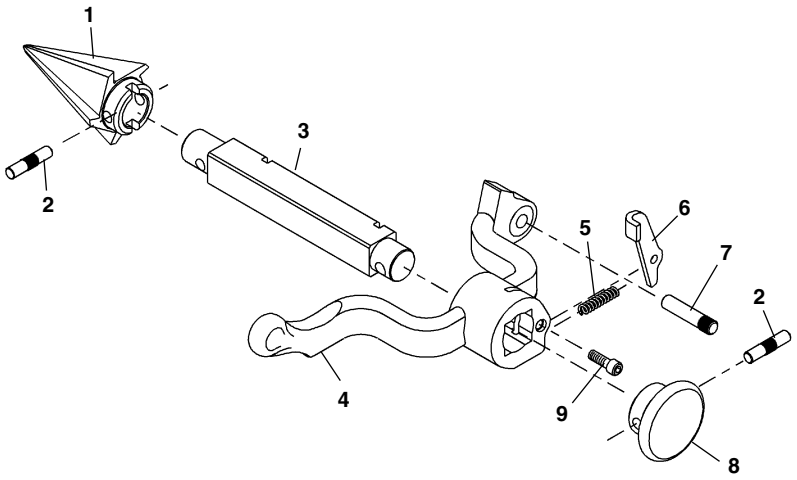
Carriage



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

Ref. No.	Catalog No.	Description
—	94357	Carriage Assembly
1	46720	Oil Seal
2	46810	Die Head Dètente
3	46815	Pipe Plug, 1/8" NPT (2)
4	35307	Pressure Relief Set
5	45195	Drip Tray
6	46270	Screw, 1/4" - 20 x 1/2" (4)
7	46370	Length Gauge

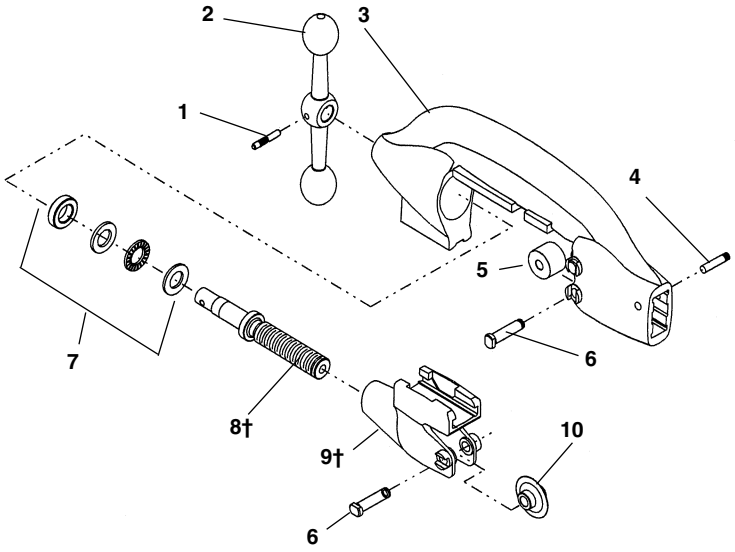
No. 341 Reamer



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

Ref. No.	Catalog No.	Description
—	42365	341 Reamer Complete
1	36277	Cone (R.H.)
	46660	Cone (L.H. & R.H.)
2	47155	Pin
3	43790	Reamer Bar
4	43230	Reamer Arm
5	44700	Latch Spring
6	46665	Reamer Latch
7	47065	Hinge Pin
8	46585	Reamer Knob
9	46515	Screw 1/4" - 20 x 3/4"

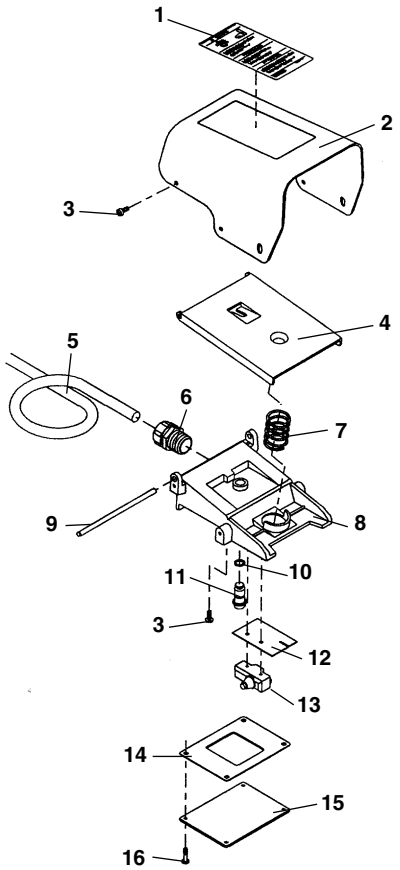
No. 820 Cutter



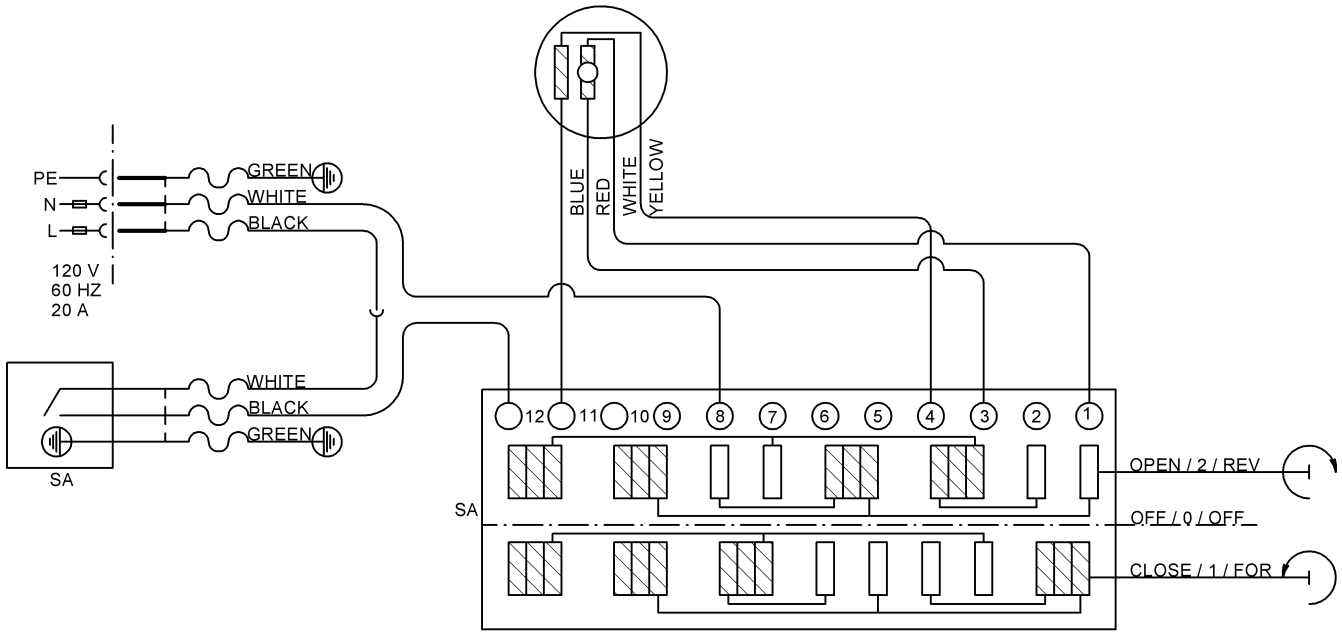
Ref. No.	Catalog No.	Description
—	42390	820 Cutter Complete
1	47160	Crank Pin
2	45765	Feed Screw Crank
3	43040	Cutter Frame
4	47135	Stop Pin
5	34775	Cutter Roll (2)
6	34780	Cutter & Roll Pin (3)
7	46725	Thrust Bearing Assembly
8†	45780	Feed Screw
9†	43245	Wheel Housing
10	44185	Cutter Wheel
	44190	Cutter Wheel f/Stainless

† Service Note: When replacing parts on early style (fine thread) cutters, both feed screw and wheel housing must be replaced.

B-294
B-295
301-A
B-294 HD



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

Ref. No.	Catalog No.	Description
—	36642	B-294 Foot Switch
—	36647	B-295 Foot Switch
—	36662	301-A Foot Switch
—	75962	B-294 HD Foot Switch
1	36667	Warning Label (B-294)
	36672	Warning Label (B-295)
	36687	Warning Label (301-A)
	76352	Warning Label (B-294 HD)
2	36692	Cover
3	36787	Screw #10 Self-tapping (5)
4	36697	Foot Pedal
5	68880	Cord (B-294)
	36712	Cord (B-295)
	36727	Cord (301-A)
	75972	Cord (B-294 HD)
6	36732	Cord Connector
	75977	Cord Connector (B-294 HD)
7	36702	Spring
8	54347	Base
9	36747	Pivot Pin
10	36767	O-Ring
11	36772	Poppet
12	54367	Insulator
13	36762	Micro Switch
14	54372	Seal
15	54362	Bottom Cover
16	54357	Bottom Cover Screw (4)

Wiring Diagram