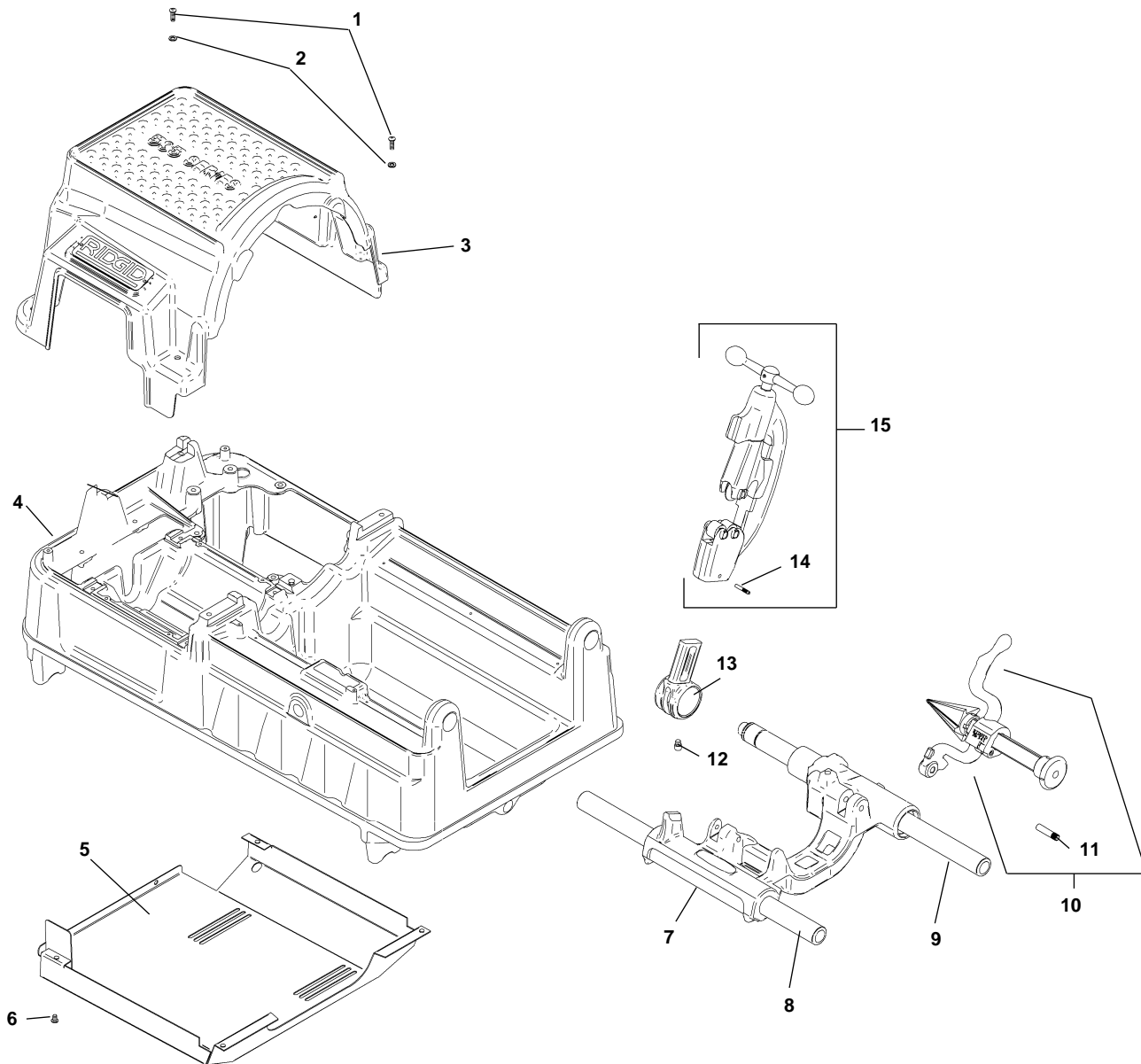


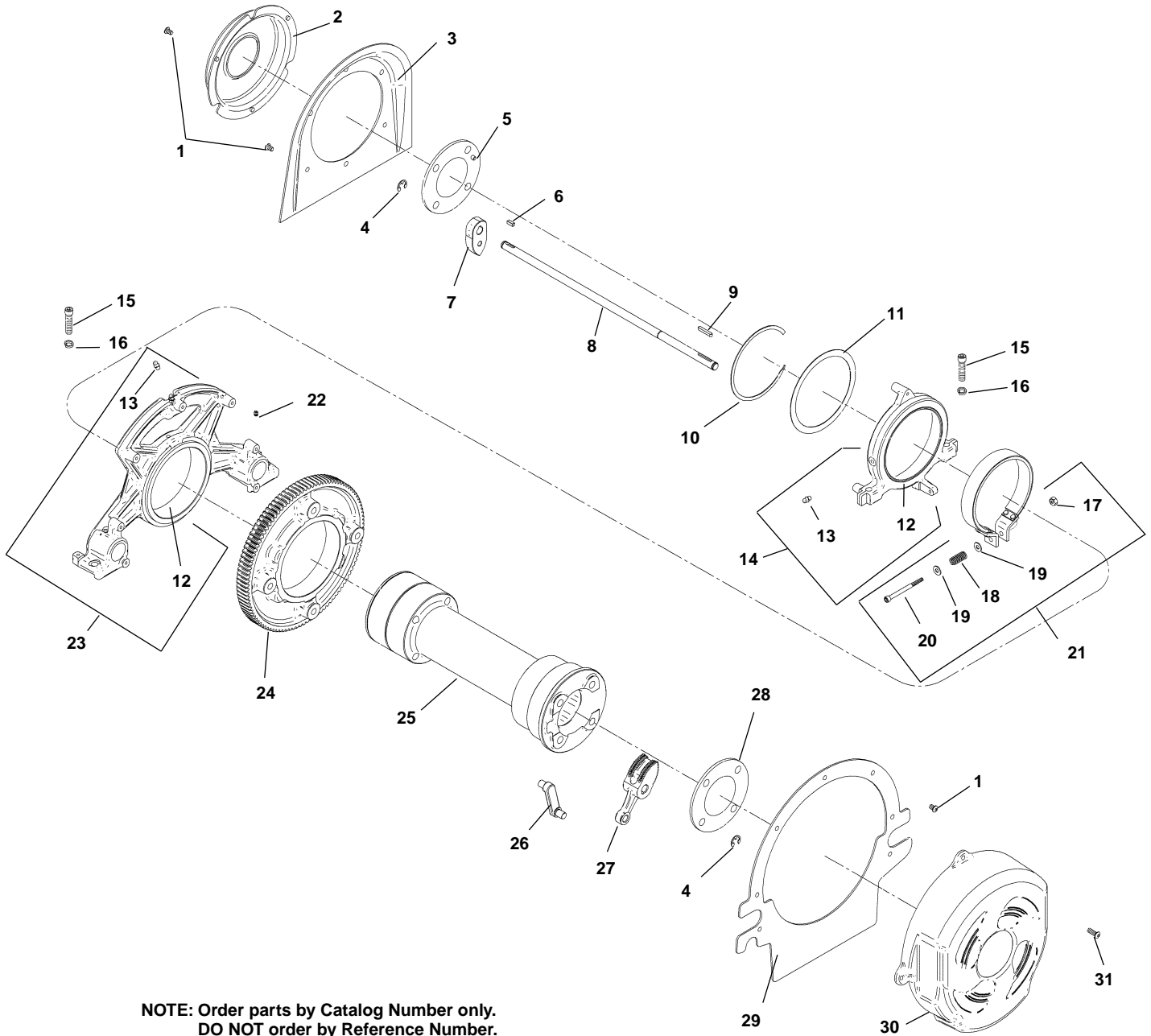
Main Components



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

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	94332	Screw, Button Head 1/4" - 20 x 3/4" (4)	9	45220	Rear Support Bar
2	94322	Washer, Flat 1/4" (4)	10	42365	341 Reamer Assembly
3	94432	Top Cover	11	47065	Pin
4	94042	Base	12	44930	Stop Screw
5	94147	Bottom Cover	13	43690	Cutter Arm
6	94312	Screw, Pan Head #6 - 32 x 2" (4)	14	47135	Stop Pin
7	94357	Carriage Assembly	15	42390	820 Cutter Assembly
8	45440	Front Support Bar			

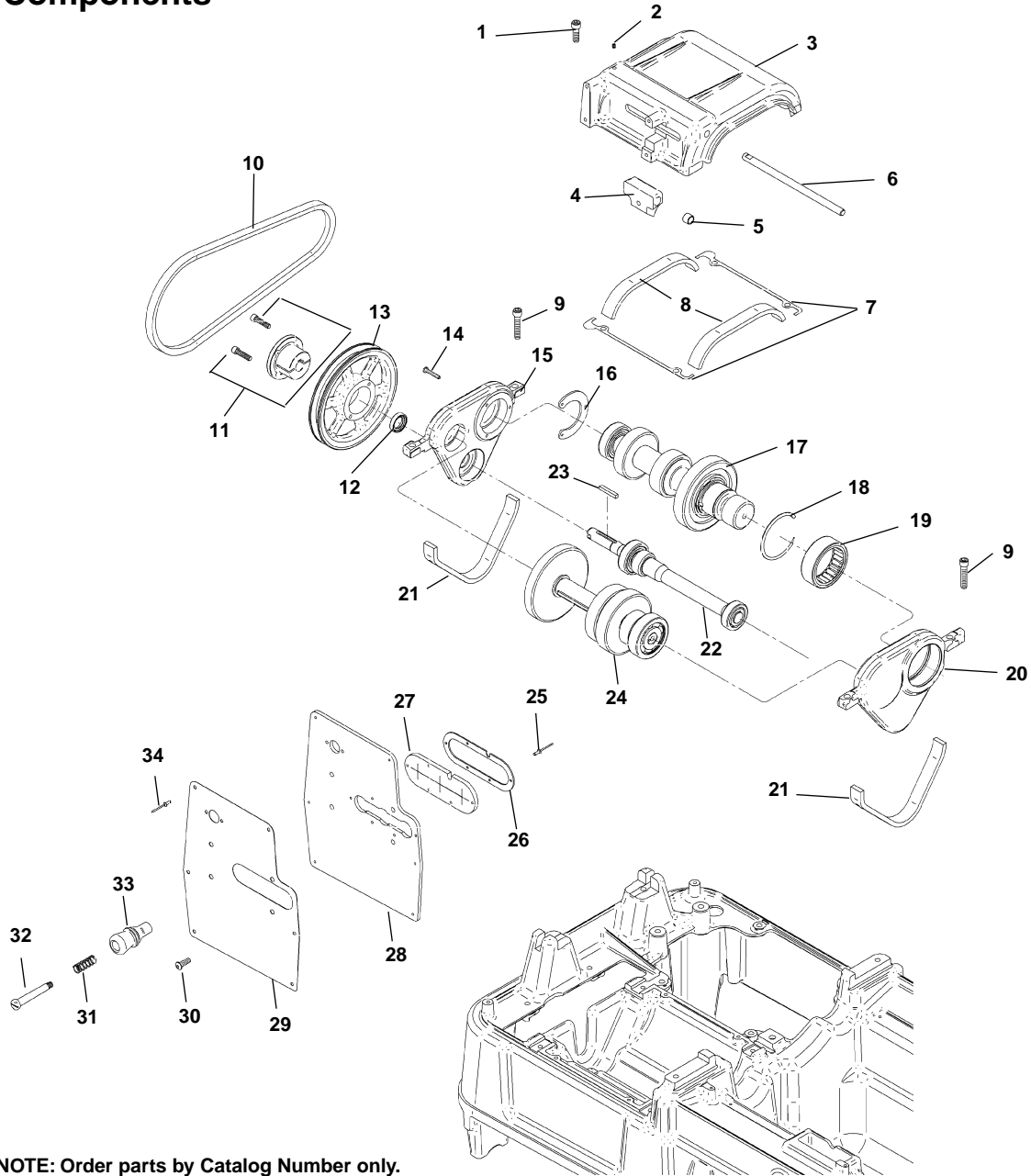
Drive Shaft Assembly



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

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	94337	Screw, Button Head 1/4" - 20 x 3/8" (7)	17	77710	Lock Nut 1/4" - 20
2	94082	Rear Cover	18	45895	Spring
3	94077	Rear Plate	19	27402	Washer, Flat 1/4" (2)
4	26937	Retaining Ring (8)	20	94327	Screw, Socket Head 1/4" - 20 x 2 1/2"
5	94022	Rear Pivot Rod Support	21	94002	Brake Assembly
6	94267	Key, 3/16" Square x 1/2" (4)	22	40910	Set Screw 1/4" - 20 x 3/4" (4)
7	93987	Rear Jaw (4)	23	94027	Front Bracket Assembly
8	93977	Pivot Rod (4)	24	94087	Drive Gear
9	94197	Key, 3/16" Square x 1 3/16" (4)	25	94032	Drive Shaft
10	94397	Retaining Ring	26	94047	Connecting Link (4)
11	94392	Thrust Washer	27	94017	Front Jaw (4)
12	93957	Spindle Bearing (2)	28	93992	Front Pivot Rod Support
13	46860	Grease Fitting (2)	29	94072	Front Plate
14	94037	Rear Bracket Assembly	30	94097	Front Cover
15	46745	Screw, 3/8" - 16 x 1 1/4" (4)	31	94332	Screw, Button Head 1/4" - 20 x 3/4" (9)
16	40930	Washer, Lock 3/8" (4)			

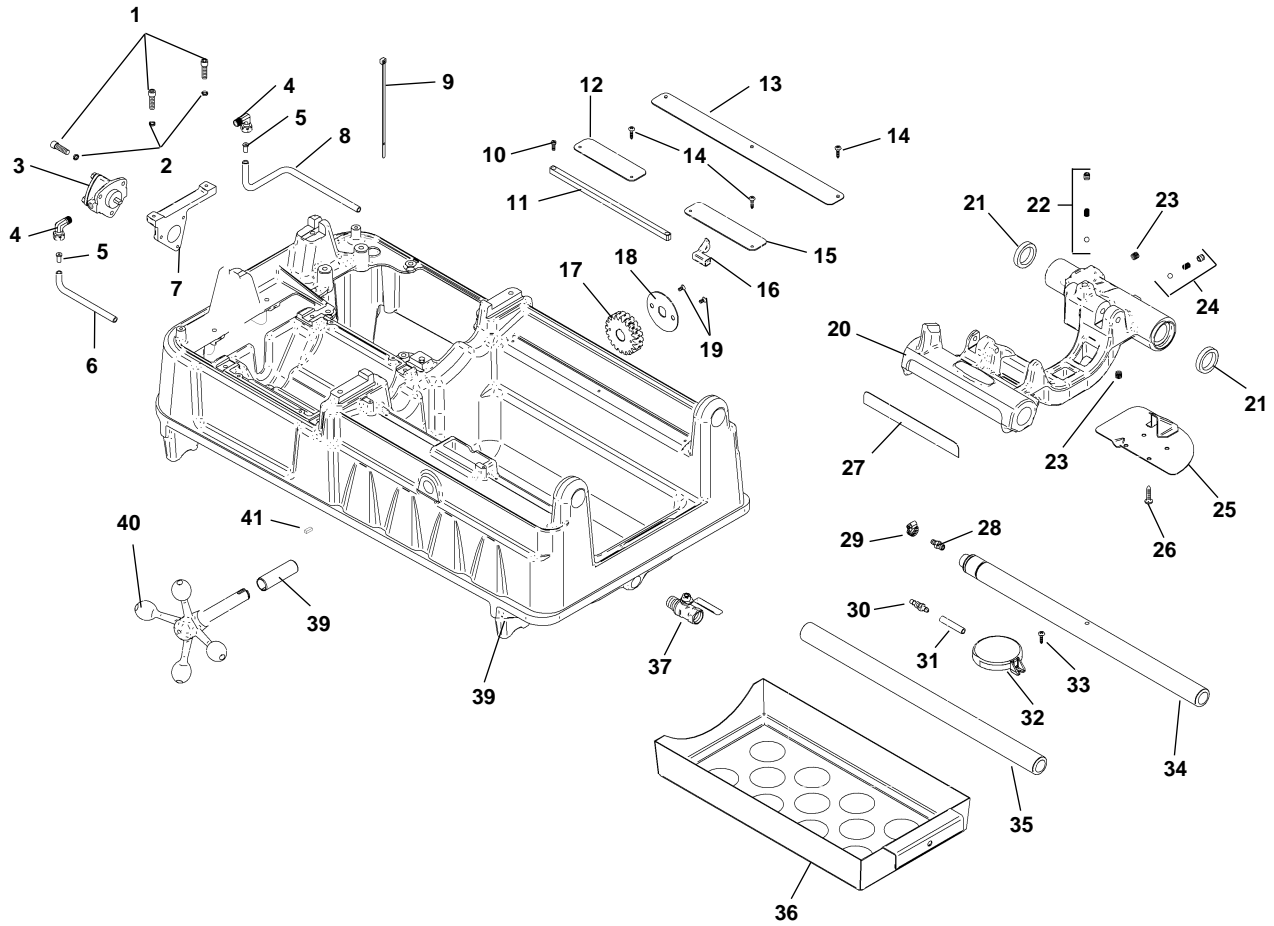
Gearbox Components



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

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	40910	Screw, Socket Head 1/4" - 20 x 3/4" (4)	18	94062	Retaining Ring
2	34892	Set Screw 1/4" - 20 x 1/2"	19	94052	Bearing
3	94107	Transmission Cover	20	94167	Front Transmission Bracket
4	94227	Shifter Fork	21	94247	Gasket (2)
5	26447	Bushing (2)	22	93967	Input Shaft Assembly
6	94132	Shifter Rod	23	94277	Key, 3/16" Square x 1/4"
7	94252	Gasket (2)	24	94182	Intermediate Shaft Assembly
8	94242	Gasket (2)	25	94387	Pop Rivet (5)
9	40367	Screw, Socket Head 5/16" - 18 x 1 1/4" (4)	26	94367	Gasket
10	94262	V Belt	27	94372	Gasket
11	94217	Bushing f/Input Pulley	28	94187	Control Panel
12	94202	Seal	29	94207	Control Panel Label
13	94102	Input Pulley	30	94332	Screw, Button Head 1/4" - 20 x 3/4" (4)
14	94317	Screw, Pan Head #8 - 32 x 1" (3)	31	94292	Spring
15	94172	Rear Transmission Bracket	32	94137	Shifter Shaft
16	94177	Bearing Retainer	33	94142	Shifter Knob
17	93972	Output Shaft Assembly	34	94427	Pop Rivet (6)

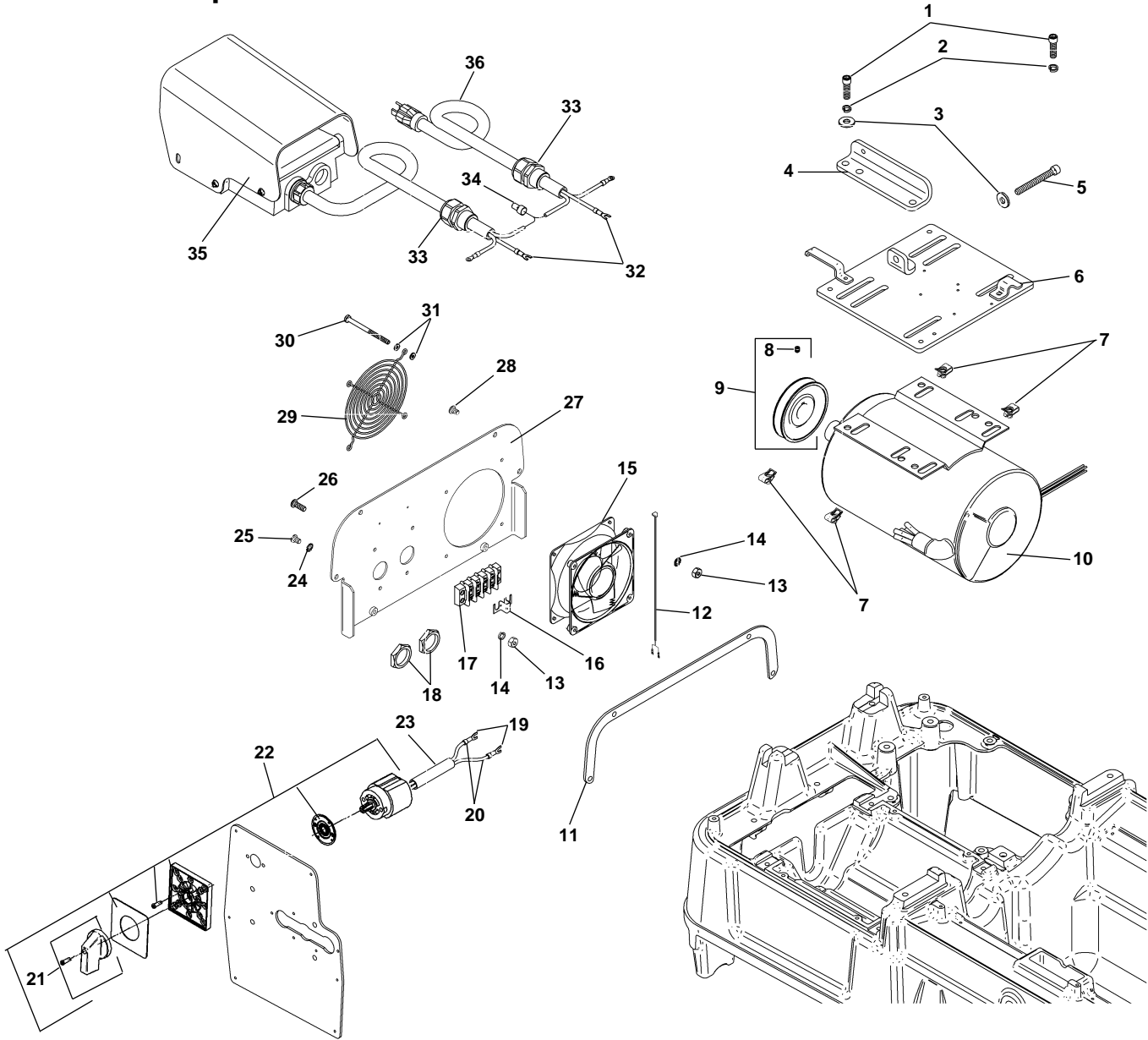
Carriage and Oiling Components



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

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	83685	Screw, Socket Head 1/4" - 20 x 1" (5)	22	46810	Die Head Détente
2	44740	Lock Washer, 1/4" (5)	23	46815	Pipe Plug, 1/8" NPT (2)
3	94092	Oil Pump	24	35307	Pressure Relief Set
4	35122	Fitting (2)	25	45195	Drip Tray
5	35117	Tube Insert	26	46270	Screw, 1/4" - 20 x 1/2" (4)
6	26822	Oil Hose	27	46370	Length Gauge
7	94067	Oil Pump Bracket	28	69167	Barbed Fitting
8	94362	Oil Hose	29	35142	Hose Clamp
9	94407	Cable Tie	30	54142	Bulkhead Fitting
10	45615	Screw, Flat Head #10 - 32 x 1/2" (2)	31	87950	Hose
11	47105	Length Indicator Bar	32	58467	Filter Screen Assembly
12	94122	Drip Edge	33	45420	Screw, #10 - 32 x 3/8"
13	94127	Drip Edge	34	45220	Support Bar, Rear
14	43367	Screw, #8 x 3/4"	35	45440	Support Bar, Front
15	94117	Drip Edge	36	94112	Chip Tray
16	47110	Indicator Slide	37	94347	Valve, Oil Drain
17	45430	Pinion	38	94042	Base
18	47120	Pinion Lock Ring	39	94222	Bushing
19	46785	Screw, Flat Head #10 - 32 x 3/8" (2)	40	94012	Handwheel
20	94357	Carriage Assembly (Includes Ref. Nos. 21 - 27)	41	94267	Key, 3/16" Square x 1/2"
21	46720	Oil Seal (2)			

Electrical Components



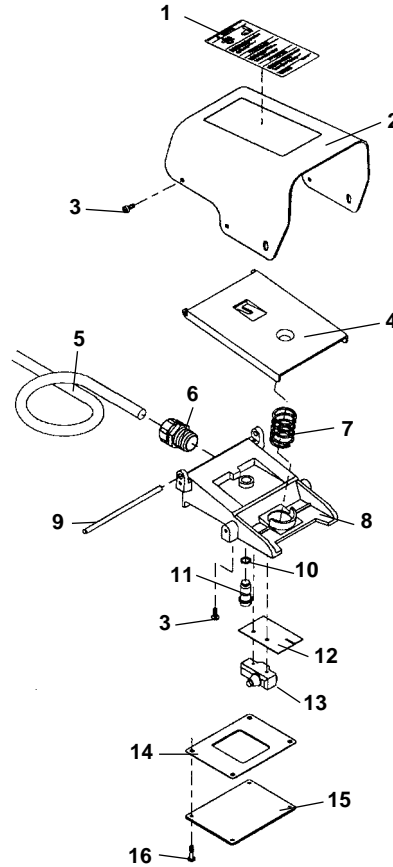
**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	40367	Screw, Socket Head $\frac{5}{16}$ " - 18 x $1\frac{1}{4}$ " (8)	19	46875	Spade Terminal (2)
2	40770	Washer, Split Lock $\frac{5}{16}$ " (12)	20	93947	Wire Set
3	96740	Washer, Flat $\frac{5}{16}$ " (5)	21	59702	Switch Knob
4	94162	Adjuster Bracket	22	94257	Switch Assembly
5	94402	Screw, Socket Head $\frac{5}{16}$ " - 18 x $-\frac{3}{4}$ "	23	59342	Insulator Sleeve
6	94192	Motor Table	24	46985	Washer, Lock Ext. Tooth #10 (2)
7	96367	Tinnerman Nut (4)	25	47147	Screw, Button Head #10 - 32 x $\frac{3}{8}$ " (2)
8	35307	Set Screw $\frac{5}{16}$ " - 18 x $\frac{1}{4}$ "	26	34667	Screw, Button Head #10 - 32 x $\frac{3}{4}$ " (2)
9	94237	Pulley	27	94152	Back Cover
10	94007	Motor	28	94337	Screw, Button Head $\frac{1}{4}$ " - 20 x $\frac{3}{8}$ " (4)
11	94422	Gasket	29	94232	Fan Guard
12	94447	Fan Cord	30	94312	Screw, Pan Head #6 - 32 x 2" (4)
13	34722	Nut, Hex #10 - 32 (4)	31	94302	Washer, Flat #6 (8)
14	58542	Washer, Lock #10 (4)	32	93952	Spade Terminal (2)
15	94212	Fan	33	75952	Strain Relief (2)
16	94377	Jumper	34	44635	End Splice
17	94382	Terminal Block	35	74272	Foot Switch, B-294HD
18	93962	Lock Nut (2)	36	75902	Power Cord 115V

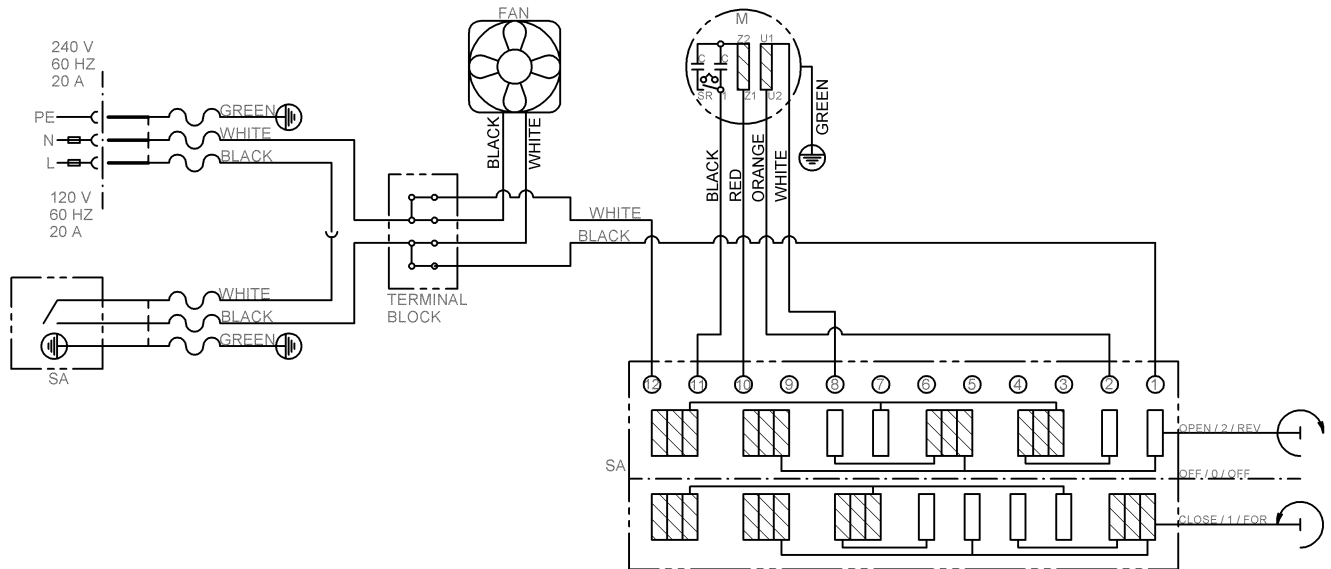
B-294 HD Foot Switch

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

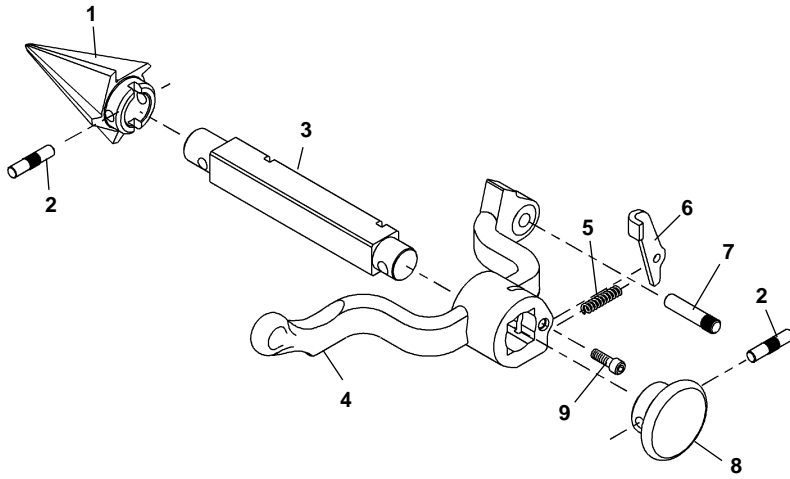
Ref. No.	Catalog No.	Description
—	36642	B-294 Foot Switch
—	36647	B-295 Foot Switch
—	36662	301-A Foot Switch
—	75962	B-294 HD Foot Switch
1	36667	Warning Label (B-294)
	36672	Warning Label (B-295)
	36687	Warning Label (301-A)
	76352	Warning Label (B-294 HD)
2	36692	Cover
3	36787	Screw #10 Self-tapping (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



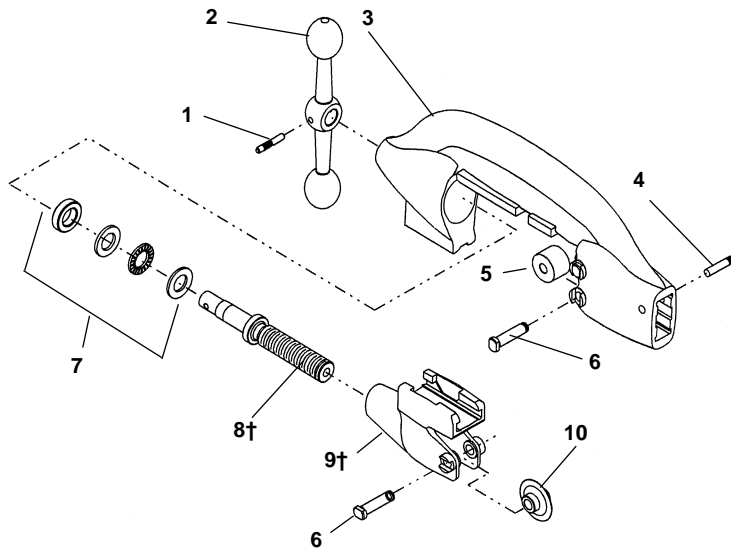
No. 341 Reamer



**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

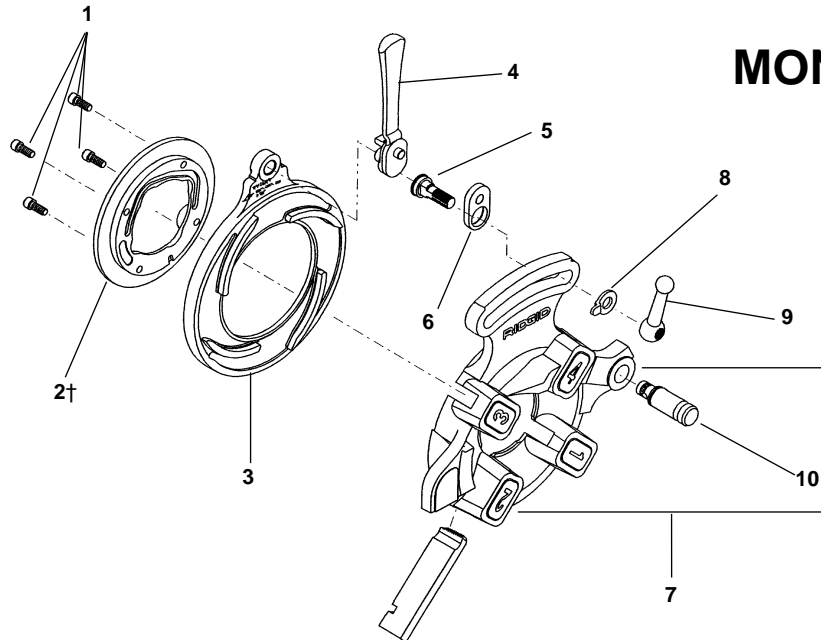
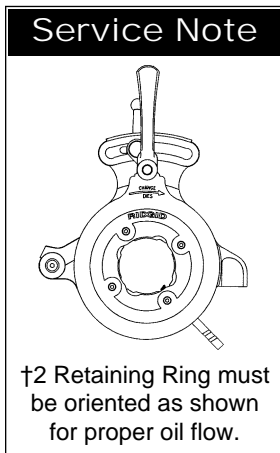


Ref. No.	Catalog No.	Description
—	42390	820 Cutter Complete
1	47160	Crank Pin
2	45765	Feed Screw Crank
3	43040	Cutter Frame
4	47135	Stop Pin
5	34775	Cutter Roll (2)
6	34780	Cutter & Roll Pin (3)
7	46725	Thrust Bearing Assembly
8†	45780	Feed Screw
9†	43245	Wheel Housing
10	44185	Cutter Wheel
	44190	Cutter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

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

**811A
842
555
531B
532B**

MONO (A-SERIES)



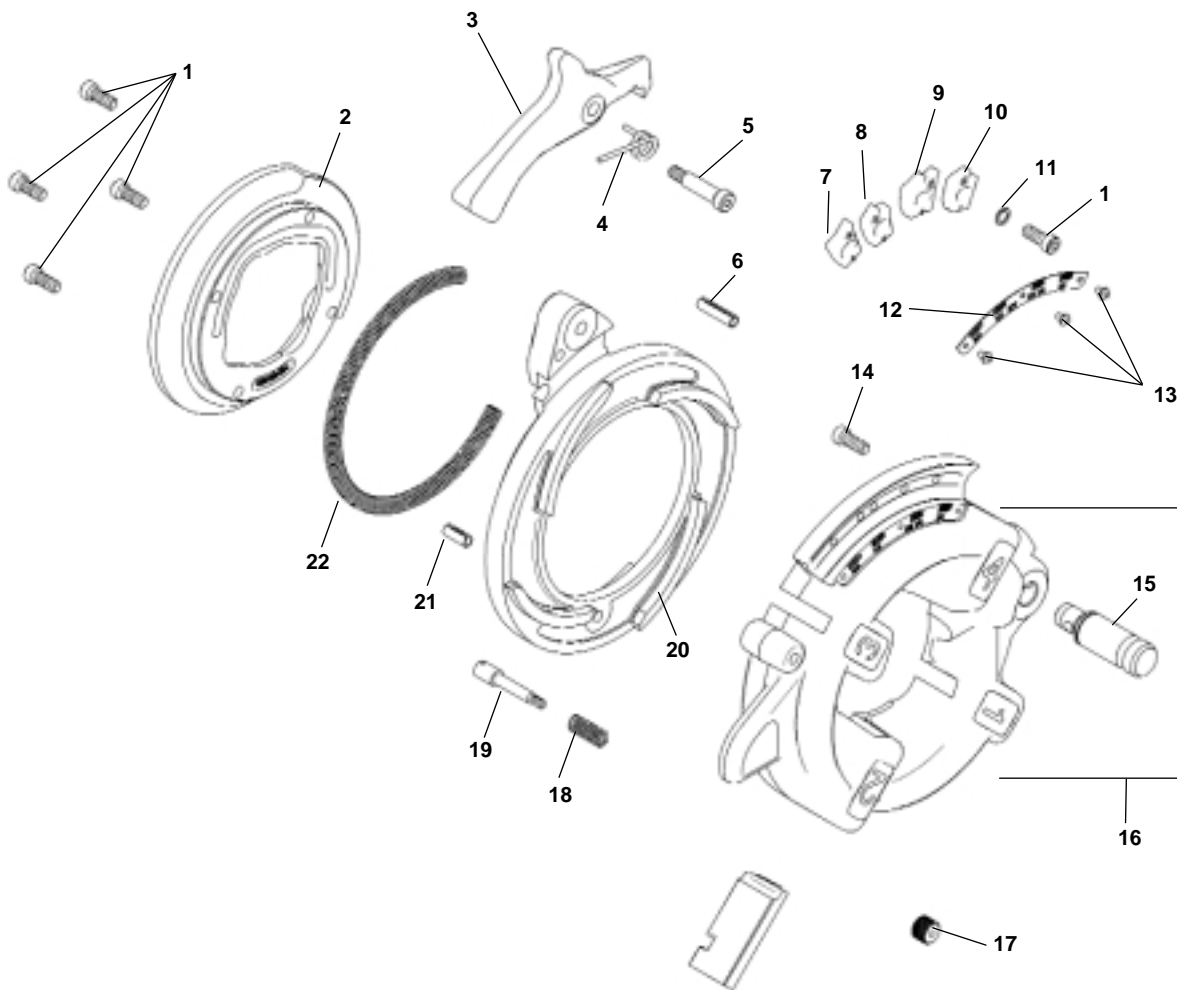
QUICK OPENING DIE HEADS

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

Ref. No.	1	2†	3	1	5	6	7	8	9	10
Die Head & Catalog No.	Screw	Retaining Ring	Cam Plate	Throw-Out Lever	Lock Screw	Link	Head/w Post	Lever Washer	Clamp Lever	Post
811A (97065) 1/8"-2" RH NPT	32205	97020	43360	46520	39860	39950	40922	26957	39970	59832
842 (23282) 1/8"-2" LH NPT	32205	23292	43360	46520	39860	39950	23287	26957	39970	59832
555 (10491) 1/8"-3/4"	32205	24256	43365	46555	39860	39950	24006	26957	39970	59832
531B (97045) 1/4"-1" RH/LH	32205	46620	43405	46555	39955	39950	97055	26957	39970	59832
532B (97050) 1 1/8"-2" RH/LH	32205	46625	43410	46555	39955	39950	97060	26957	39970	59832
811A (97070) 1/8"-2" BSPT	32205	97020	43360	46520	39860	39950	40957	26957	39970	59832
842 (23297) 1/8"-2" LH (BSPT)	32205	23292	43360	46520	39860	39950	23202	26957	39970	59832
Mono (1/8"-3/8") RH 1/8" (41032) 1/4" (41037) 3/8" (41042)	32205	1/8"-41862 1/4"-41867 3/8"-41872	43305	46555	47140	39950	41907	26957	46820*	59832
Mono (1/2"-3/4") RH 1/2" (41047) 3/4" (41062)	32205	1/2"-41877 3/4"-41882	43300	46555	47140	39950	41912	26957	46820*	59832
Mono (1"-1 1/4") RH 1" (41057) 1 1/4" (41062)	32205	1"-41887 1 1/4"-41892	43295	46555	47140	39950	41917	26957	46820*	59832
Mono (1 1/2"-2") RH 1 1/2" (41067) 2" (41072)	32205	1 1/2"-41897 2"-41902	43290	46555	47140	39950	41922	26957	46820*	59832

*Hex Nut For Mono Die Heads

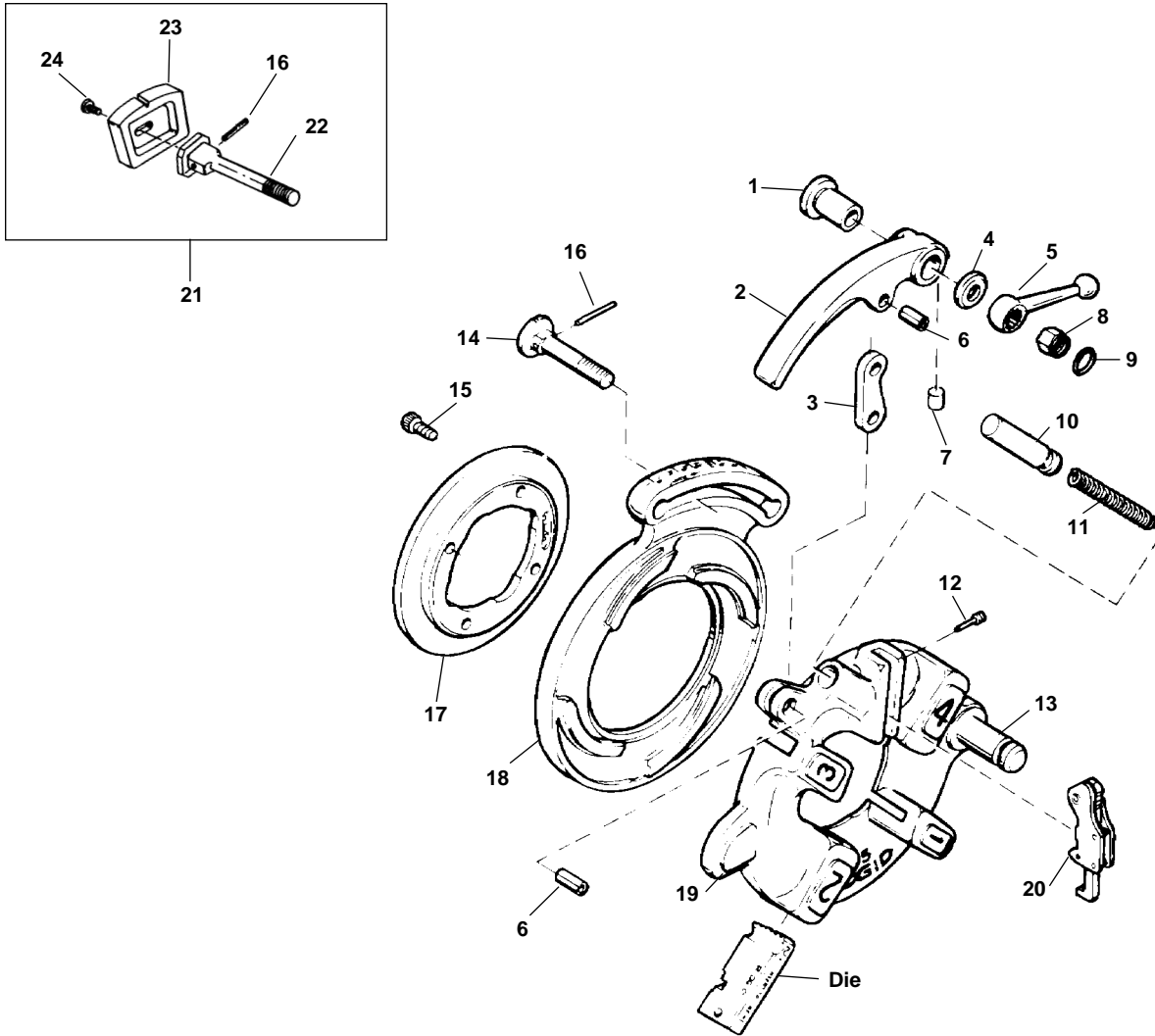
816/817 Die Head



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

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
—	84537	816 Die Head 1/8" - 3/4"	11	44740	Split Lock Washer, 1/4" (4)
—	84532	817 Die Head 1" - 2"	12	92722	Size Plate 816 1/8" - 3/4"
1	40910	Screw, 1/4" - 20 x 3/4" S.H.C.S. (8)		92777	Size Plate 817 1" - 2"
2	92767	Retaining Ring	13	85920	Pop Rivet 3/32" (3)
3	92822	Handle	14	32145	Screw, 1/4" - 20 x 1/2" S.H.C.S.
4	92817	Spring	15	59832	Die Head Post
5	92812	Shoulder Bolt	16	92757	Die Head Body w/Post
6	92832	Roll Pin 1/4" x 5/8"	17	92802	Plunger Knob
7	92782	Adjusting Block 816/817 3/4", 2" Type A	18	92807	Plunger Spring
8	92787	Adjusting Block 816 1/2" Type B	19	92797	Plunger Shaft
	92782	Adjusting Block 817 1 1/2" Type A	20	92762	Cam Plate
9	92792	Adjusting Block 816 1/4", 3/8" Type C	21	58090	Roll Pin 1/4" x 1"
	92787	Adjusting Block 817 1 1/4" Type B	22	92827	Spring
10	92787	Adjusting Block 816/817 1/8", 1" Type B			

815A NPT Self-Opening Through-Head Oiling Die Head
815A BSPT Self-Opening Through-Head Oiling Die Head

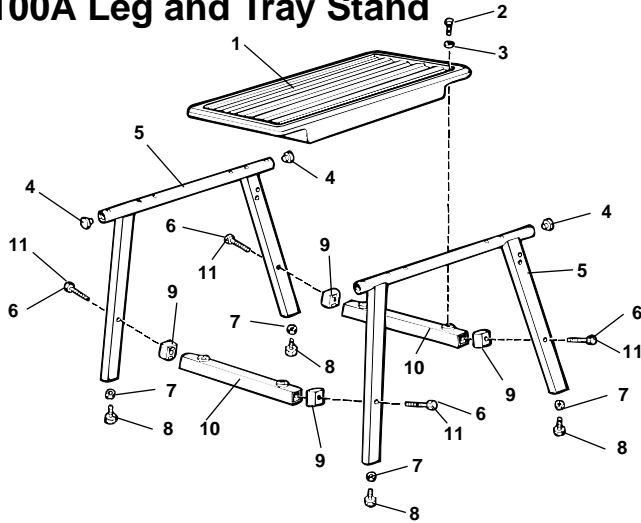


**NOTE: Order parts by Catalog Number only.
 DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
—	97075	815A Self-Opening (Through-Head-Oiling) Die Head (NPT)	13	59832	Post
	97080	815A Self-Opening (Through-Head-Oiling) Die Head (BSPT)	14	44235	Lock Screw
1	44240	Bushing	15	32205	Screw (4)
2	43830	Throw-Out Lever	16	45050	Pin
3	44265	Throw-Out Link	17	97020	Retaining Ring
4	44245	Washer	18	40942	Cam Plate (815A NPT)
5	44260	Clamp Lever		97040	Cam Plate (815A BSPT)
6	44270	Roll Pin (2)	19	40932	Head w/Post
7	45055	Insert	20	44285	Trigger Assembly
8	44250	Nut		32982	Adj. Trigger Assembly (Europe)
9	44255	Retaining Ring		45327	Trigger Assembly (Europe)
10	44275	Throw-Out Plunger	21	45332	Gauge Plate Assembly
11	11565	Spring	22	46722	Adj. Lock Screw
12	44290	Trigger Screw	23	46717	Gauge Plate
			24	47147	Buttonhead Screw

Note: Early Style 815/845 parts interchangeable with 815A NPT

No. 100A Leg and Tray Stand

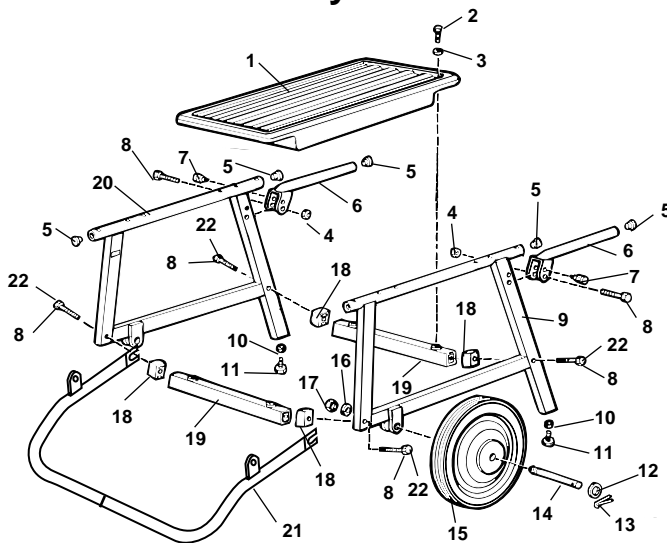


NOTE: Order parts by Catalog Number only. DO NOT order by Reference Number.

Ref. No.	Catalog No.	Description
—	92457	Leg Stand Assembly
1	56872	Tray
2	80030	Hex Bolt 3/8" - 16 x 1" (4)
3	44230	Flat Washer 3/8" (4)
4	58037	End cap (4)
5	58022	Leg (2)
6	58052	Hex Bolt 3/8" - 16 x 2 1/2" (4)
7	44225	Hex Nut 3/8" - 16 (4)
8	58027	Leveling Pad (4)
9	58042	Spacer (4) - (1224 Machine Only)
10	58032	Cross Member (2)
11	58047	Hex Bolt 3/8" - 16 x 4" (4) (1224 & 535 Auto Machine Only)

NOTE: 3/8" - 16 x 4" Bolts and spacers used when mounting 1224 & 535 Auto machines.

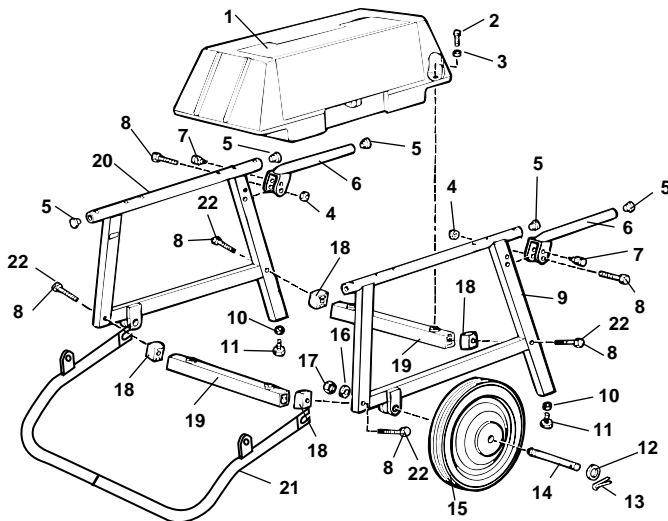
No. 150A Wheel and Tray Stand



Ref. No.	Catalog No.	Description
—	92462	Wheel and Tray Assembly
1	56872	Tray
2	80030	Hex Bolt 3/8" - 16 x 1" (4)
3	44230	Flat Washer (4)
4	79985	Locknut 3/8" - 16 (2)
5	58037	End Cap (6)
6	58067	Handle (2) includes Ref. No. 5 & 7
7	61567	Plunger Assembly (2)
8	58052	Hex Bolt 3/8" - 16 x 2 1/2" (6)
9	58057	Front Leg
10	44225	Hex Nut 3/8" - 16 (4)
11	58027	Leveling Pad
12	47180	Washer (2)
13	47030	Cotter Pin (2)
14	58072	Axle (2)
15	27442	Wheel (2)
16	84150	Lock Washer 1/2" (2)
17	44745	Locknut 1/2" (2)
18	58042	Spacer (4) (1224 machine only)
19	58032	Cross Member (2)
20	58062	Rear Leg
21	63652	Stand Stop Assembly
22	58047	Hex Bolt 3/8" - 16 x 4" (4) (1224 & 535 Automatic Machine Only)

NOTE: 3/8" - 16 x 4" bolts and spacers used when mounting 1224 & 535 Auto machines.

No. 200A Wheel and Cabinet Stand



Ref. No.	Catalog No.	Description
—	92467	Wheel Stand Assembly
1	56887	Cabinet
2	80030	Hex Bolt 3/8" - 16 x 1" (4)
3	44230	Flat Washer (4)
4	79985	Locknut 3/8" - 16 (2)
5	58037	End Cap (6)
6	58067	Handle (2) Includes Ref. No. 5 & 7
7	61567	Plunger Assembly (2)
8	58052	Hex Bolt 3/8" - 16 x 2 1/2" (6)
9	58057	Front Leg
10	44225	Hex Nut 3/8" - 16 (4)
11	58027	Leveling Pad
12	47180	Washer (2)
13	47030	Cotter Pin (2)
14	58072	Axle (2)
15	27442	Wheel (2)
16	84150	Lock Washer 1/2" (2)
17	44745	Locknut 1/2" (2)
18	58042	Spacer (4) (1224 Machine Only)
19	58032	Cross Member (2)
20	58062	Rear Leg
21	63652	Stand Stop Assembly
22	58047	Hex Bolt 3/8" - 16 x 4" (4) (1224 & 535 Auto Machine Only)

NOTE: 3/8" - 16 x 4" bolts and spacers used when mounting 1224 & 535 Auto machines.

Notes