

1975 Parts Manual

Polaris®

TX

MODEL NUMBERS

0750523

0750545

0750537

0750552

20 years of Quality Snowmobiles



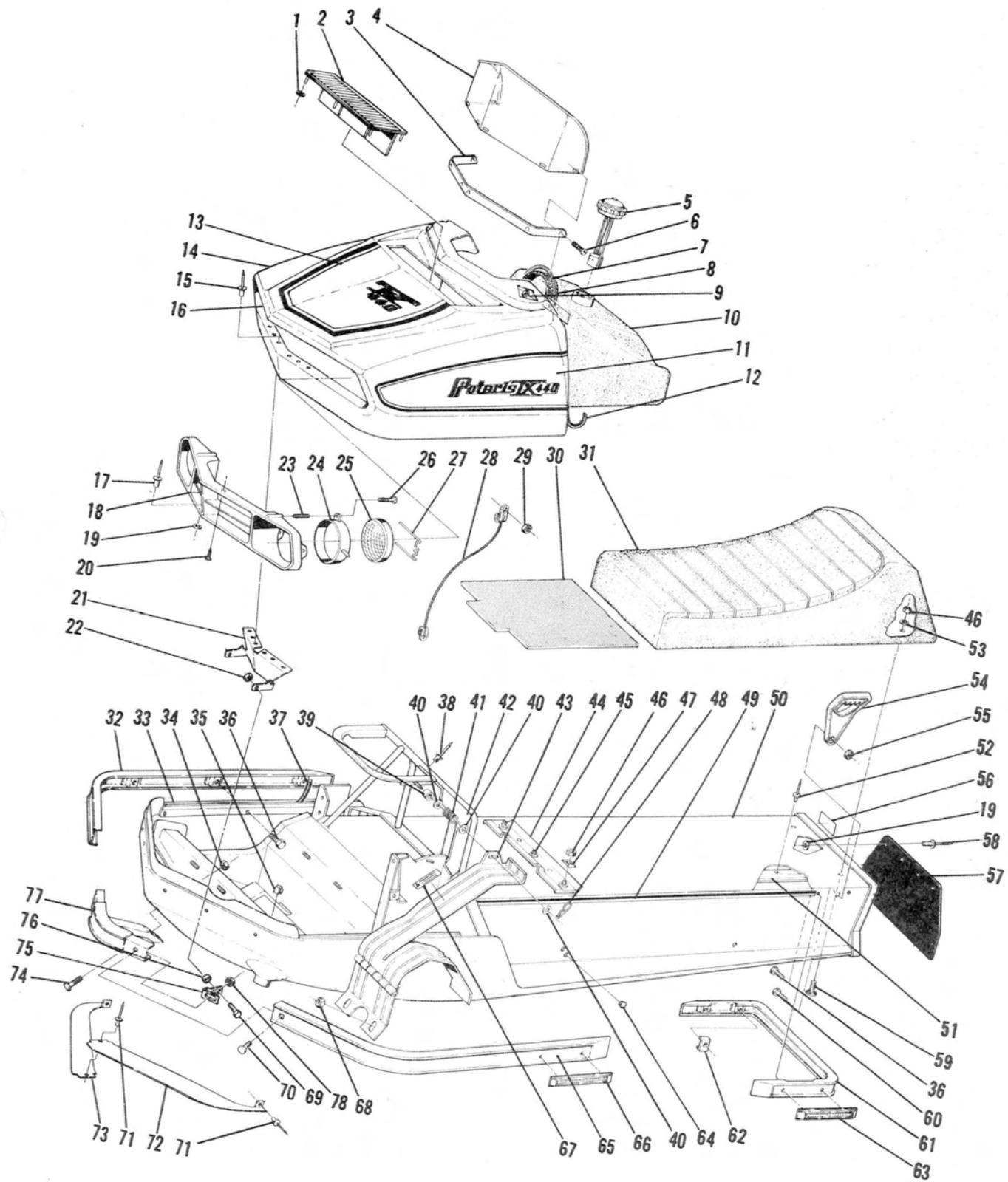
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BODY AND TRIM

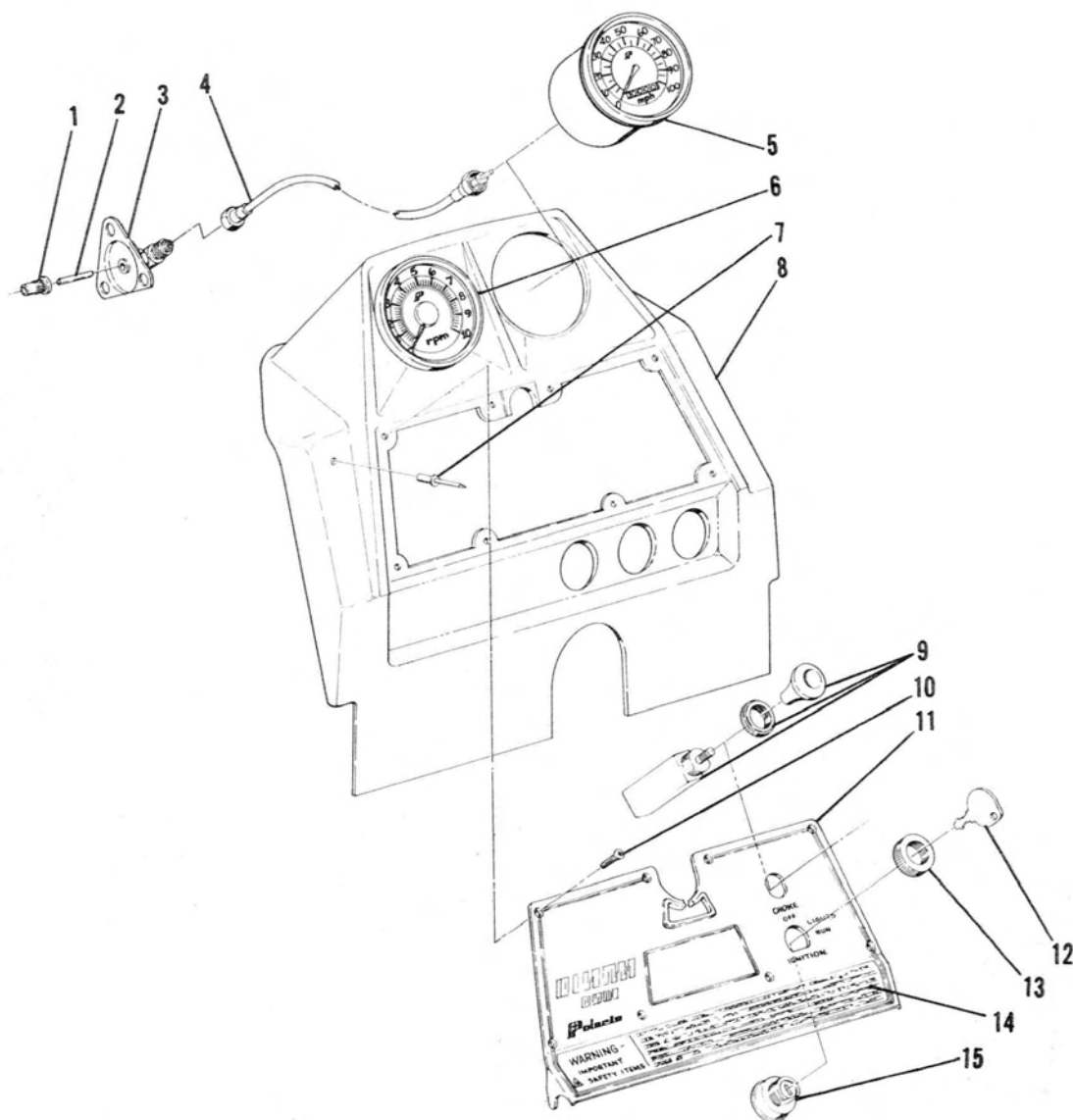
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BODY AND TRIM



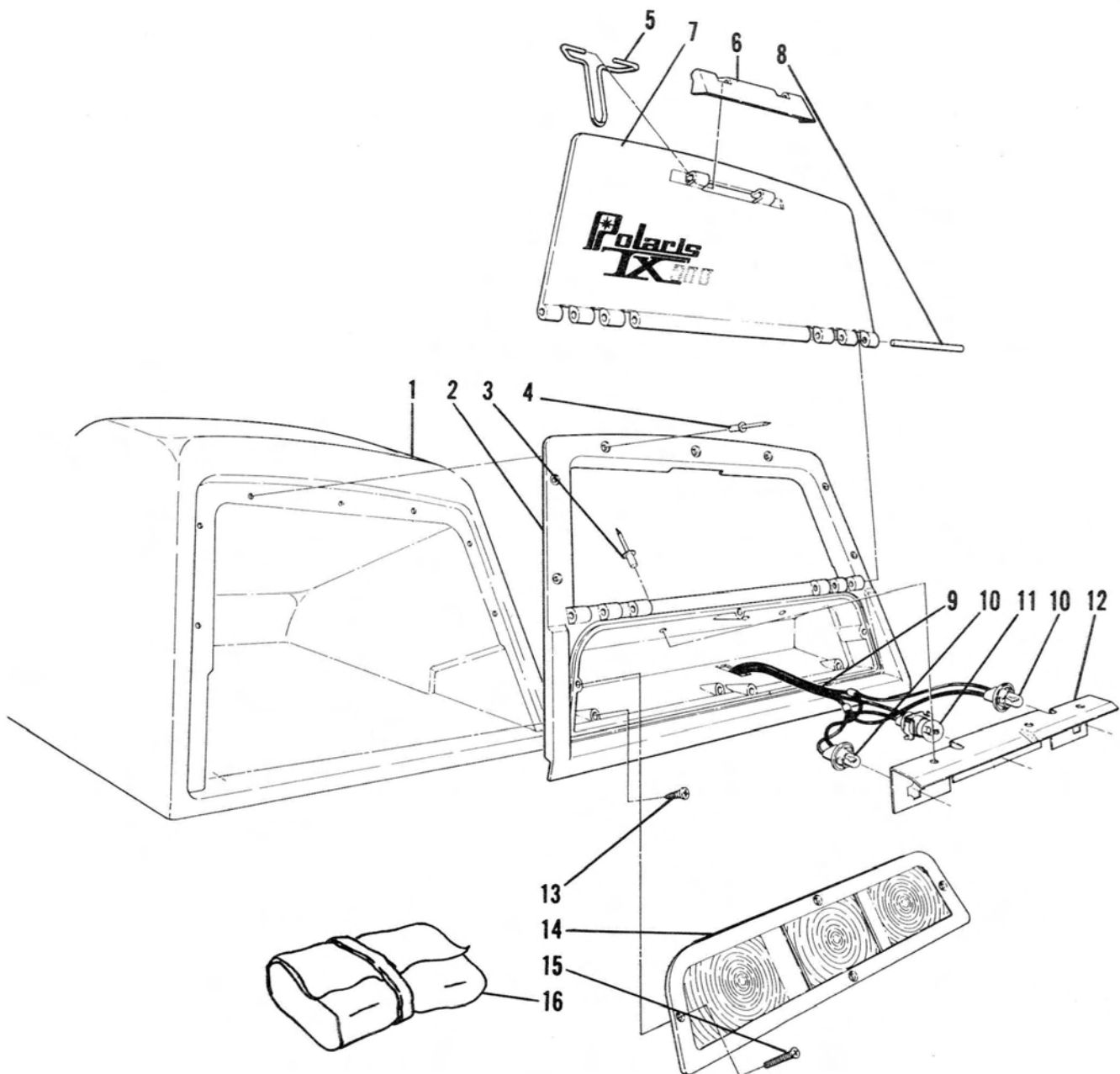
CONSOLE

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3280019	Bushing	10	7511835	Screw
2	3280017	Square Key	11	5430305	Ignition Panel - 250
3	3280021	Angle Drive		5430306	Ignition Panel - 340
4	3280024	Cable		5430307	Ignition Panel - 440
5	2870282	Speedometer		5430308	Ignition Panel - 500
6	2870286	Tachometer - 250, 340, 440	12	4110012	Ignition Key
	2870287	Tachometer - 500	13	7542804	Ignition Switch Nut
7	7621322	Rivet	14	7071304	Warning Decal
8	5430389	Console	15	4110021	Ignition Switch
9	7080164	Choke Control - 250, 340, 440			
	7080165	Choke Control - 500			



SEAT ASSEMBLY

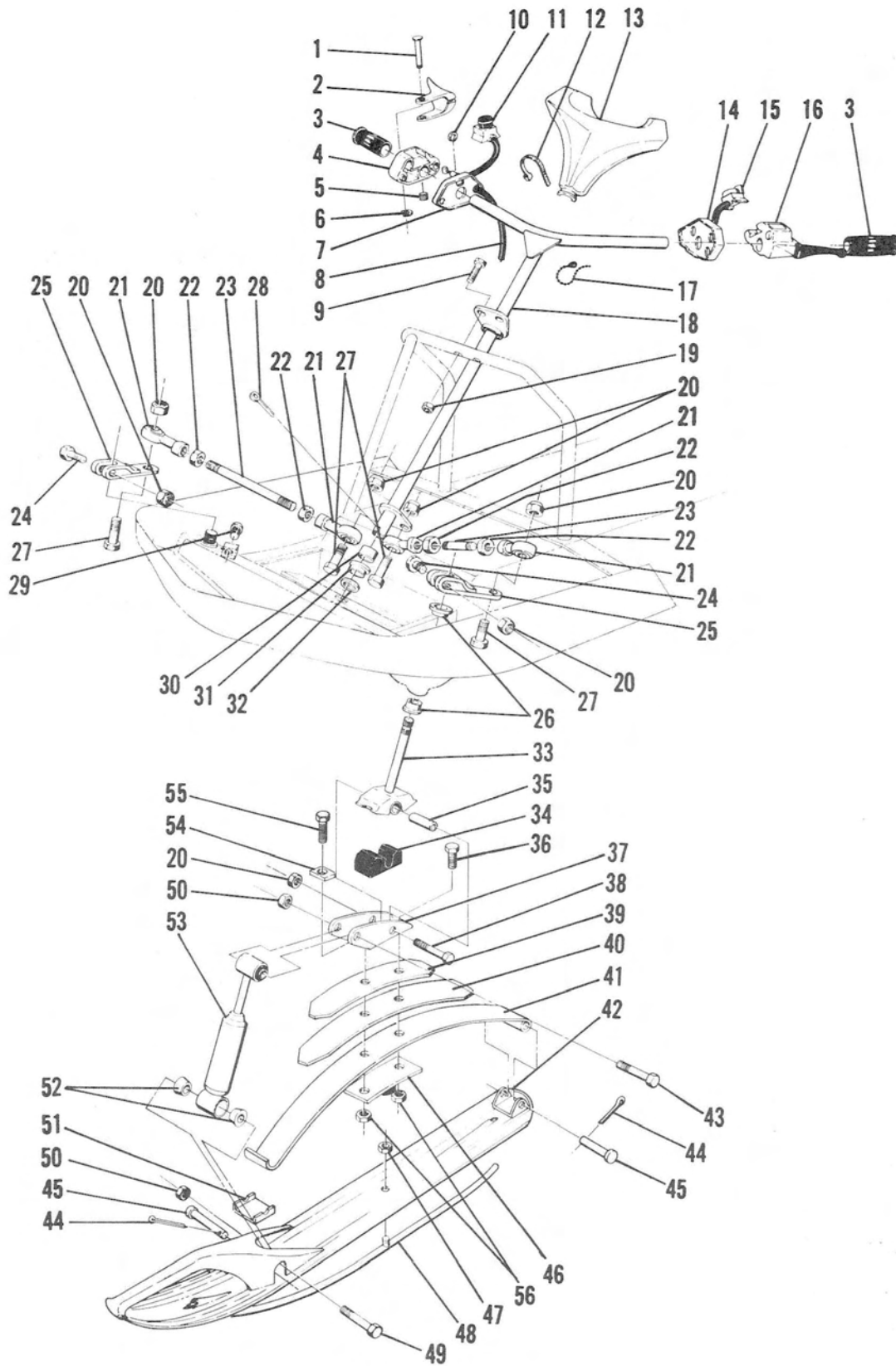
ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	2681115	Seat Cushion	9	2460173	Taillight Harness
2	5430363	Taillight Housing	10	4030023	Taillight Bulb
3	7621215	Rivet	11	4030021	Brake Light Bulb
4	7621201	Rivet	12	5221721	Taillight Bracket
5	7040144	Latch Spring	13	7527607	Screw
6	5430368	Compartment Latch	14	5430136	Taillight Lens
7	5430386	Compartment Door - 250, 340, 440	15	7511835	Screw
	5430387	Compartment Door - 500	16	2870257	Tool Kit
8	7010026	Hinge Pin			



STEERING ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	7661614	Retaining Pin	28	7661501	Cotter Key
2	5430355	Throttle Lever - 250, 340, 500	29	7512497	Bolt
	5430279	Throttle Lever - 440	30	5332243	Spacer
3	5410205	Handle Bar Grip	31	3574206	Bushing
4	5430280	Throttle Block	32	7556401	Machinery Bushing
5	7512465	Set Screw	33	1821010	Spindle
6	7710401	'E' Ring	34	5410055	Ski Stop
7	5430337	Throttle Control Spacer	35	5010059	Ski Pivot Bushing
8	7080159	Throttle Cable - 250, 340	36	7512405	Bolt
	7080166	Throttle Cable - 440	37	5221550	Spring Saddle
	7080131	Throttle Cable - 500	38	7515417	Bolt
9	7512222	Bolt	39	7043028	Support Spring
10	7710501	Cable Retainer	40	7043027	Support Spring
11	4110026	Shut Off Switch	41	7043026	Main Leaf Spring
12	7080138	Panduit Strap	42	1820190	Ski
13	5430336	Handle Bar Cover	43	7512542	Bolt
14	5430338	Brake Control Spacer	44	7661407	Cotter Pin
15	4110025	Hi-Lo Switch	45	7662001	Clevis Pin
16		Master Cylinder Ass'y. (See Page 11)	46	1820142	Ski Spring Stop
17	7080155	Harness Tie	47	7542320	Nut
18	1823094	Steering Post	48	1820132	Skag
19	7542112	Lock Nut	49	7512522	Bolt
20	7542403	Lock Nut	50	7542513	Nut
21	7060112	Rod End Bearing	51	5430003	Wear Plate
22	7542401	Nut	52	5430264	Shock Bushing
23	5020195	Tie Rod	53	7041044	Shock Absorber
24	7512410	Bolt	54	5210707	Ski Stop Spacer
25	5221437	Steering Arm	55	7512404	Bolt
26	3573906	Spindle Housing Bushing	56	7542403	Nut
27	7512404	Bolt	57	2870313	Carbide Skag Kit

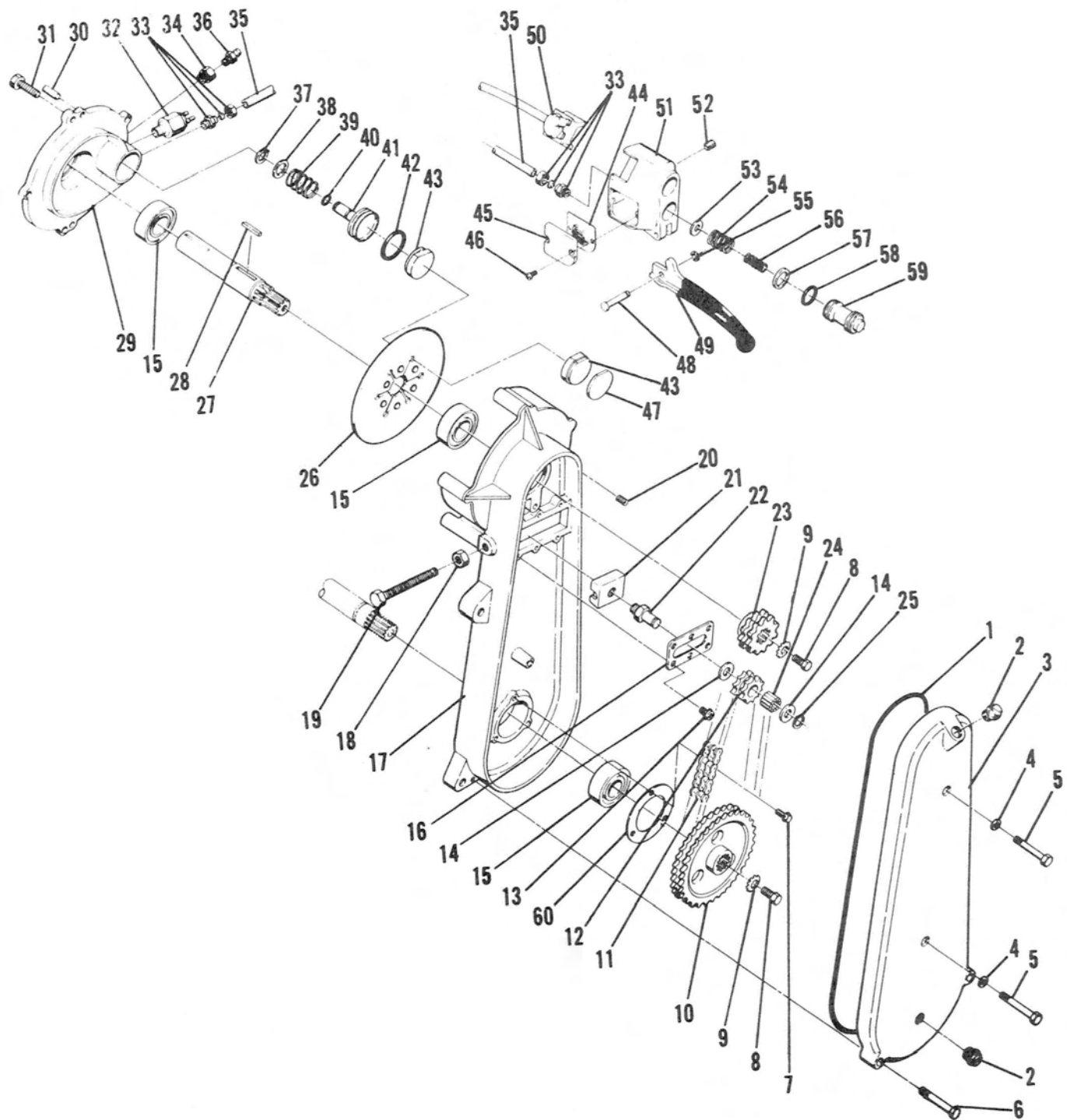
STEERING ASSEMBLY



CHAINCASE ASSEMBLY

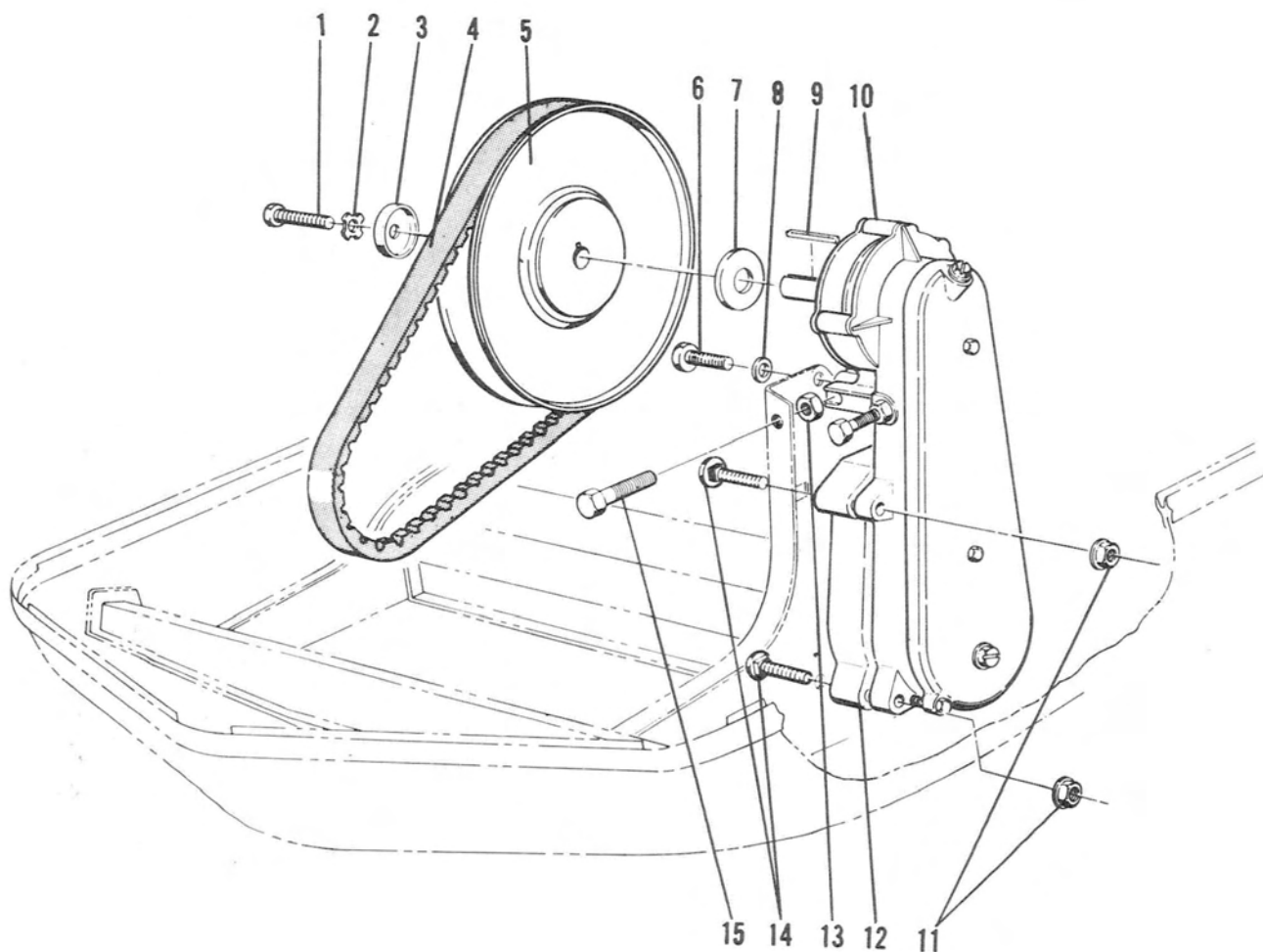
ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	5410177	Rubber Seal	29	5630114	Chaincase Rear Cover
2	5430380	Plug	30	7661806	Dowel Pin
3	5630116	Chaincase Cover	31	7512390	Screw
4	5410193	O - Ring	32	4110035	Stoplight Switch
5	7512220	Screw	33	7052019	Male Connector
6	7512228	Screw	34	5020222	Bleeder Adapter Fitting
7	7511968	Screw	35	5420120	Brake Line
8	7512325	Bolt	36	5020214	Bleeder Fitting
9	7577908	Washer	37	7712801	Retaining Ring
10	3222007	39 Tooth Sprocket	38	7555813	Washer
11	3224005	90 Pitch Chain - 250, 340	39	7041023	Compression Spring
	3224006	92 Pitch Chain - 440, 500	40	5410158	O - Ring
12	3221011	Idler Sprocket	41	5020202	Disc Brake Plunger
13	7511905	Screw	42	5410159	O - Ring
14	7558702	Thrust Washer	43	1930521	Disc Brake Puck
15	3514303	Bearing	44	5410210	Cover Gasket
16	5210116	Retaining Plate	45	5630099	Cover
17	5630115	Chaincase	46	7511836	Screw
18	7542301	Nut	47	5210609	Backup Plate
19	7512342	Bolt	48	7661615	Retaining Pin
20	7512221	Set Screw	49	5630111	Brake Lever
21	5610032	Idler Slide	50	4110025	Hi-Lo Switch
22	5020075	Idler Shaft	51	5430361	Master Cylinder Housing
23	3221012	13 Tooth Sprocket - 250	52	7512465	Set Screw
	3221008	15 Tooth Sprocket - 340	53	7555708	Washer
	3221009	17 Tooth Sprocket - 440	54	7041051	Outer Spring
	3221010	19 Tooth Sprocket - 500	55	7710401	Retaining Ring
24	3553002	Idler Bearing	56	7041052	Inner Spring
25	7712801	Retaining Ring	57	5410164	'U' Pack Seal
26	1332043	Brake Disc	58	5410163	O - Ring
27	5020203	Input Shaft	59	5020281	Piston
28	7721202	Key	60	5210121	Retaining Plate

CHAINCASE ASSEMBLY



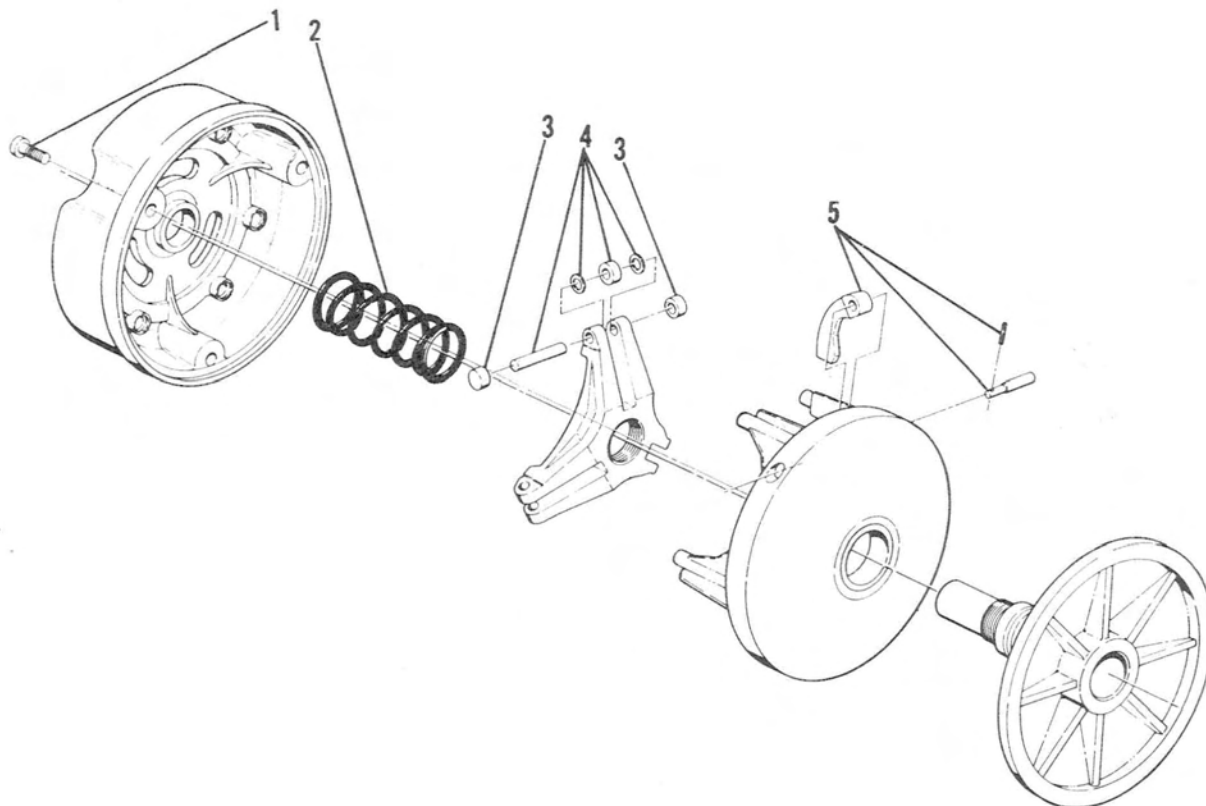
CHAINCASE MOUNTING

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	7512328	Bolt	8	7558402	Washer
2	7577908	Lock Washer	9	7721103	Square Key
3	5221207	Clutch Cap	10		Chaincase - See Chaincase Assembly
4	3211028	Drive Belt	11	7542423	Lock Nut
	3211041	Drive Belt - High Performance	12	5630103	Chaincase Spacer
5	1322033	Ramp Clutch	13	7542301	Nut
6	7512390	Screw	14	7512496	Carriage Bolt
7	7556401	Bushing	15	7512342	Bolt

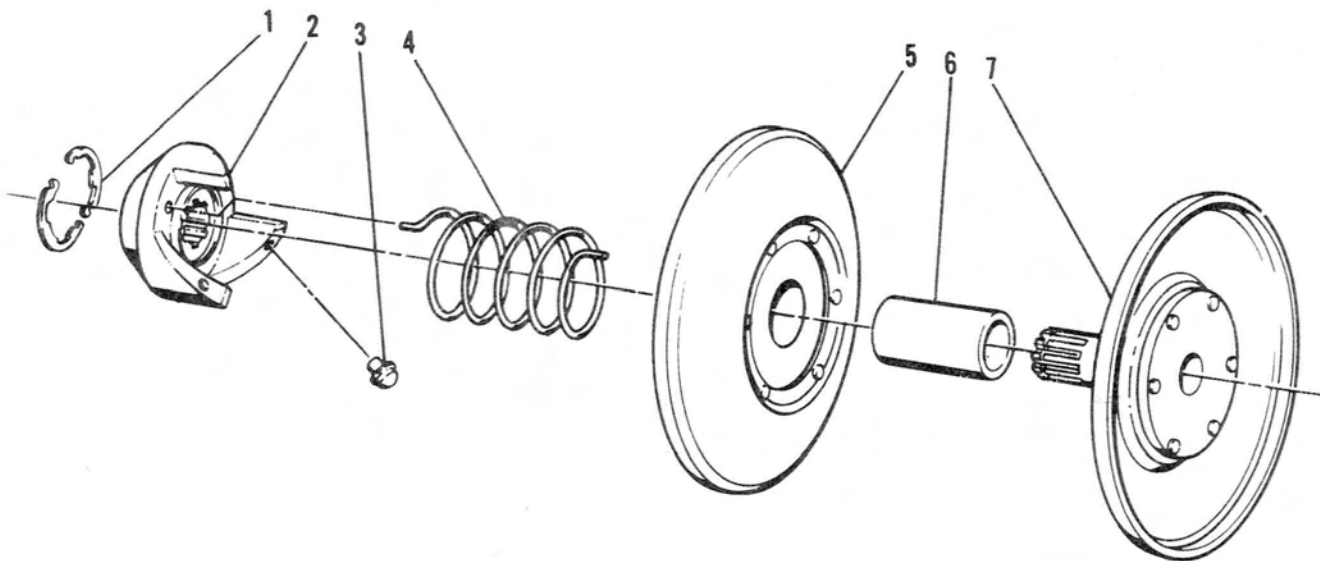


DRIVE CLUTCH

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	1321260	Drive Clutch Assembly - 250	4	2200104	Kit - Spider Pin
	1321261	Drive Clutch Assembly - 340		2200114	Kit - Spider Pin - 440
	1321265	Drive Clutch Assembly - 440	5	2200107	Kit - Shift Weight "U" - 250
	1321231	Drive Clutch Assembly - 500		2200108	Kit - Shift Weight "W" - 340
1	7512182	Screw		2200111	Kit - Shift Weight "X" - 440
2	7041021	Spring		2200106	Kit - Shift Weight "B" - 500
3	5430269	Guide Button			

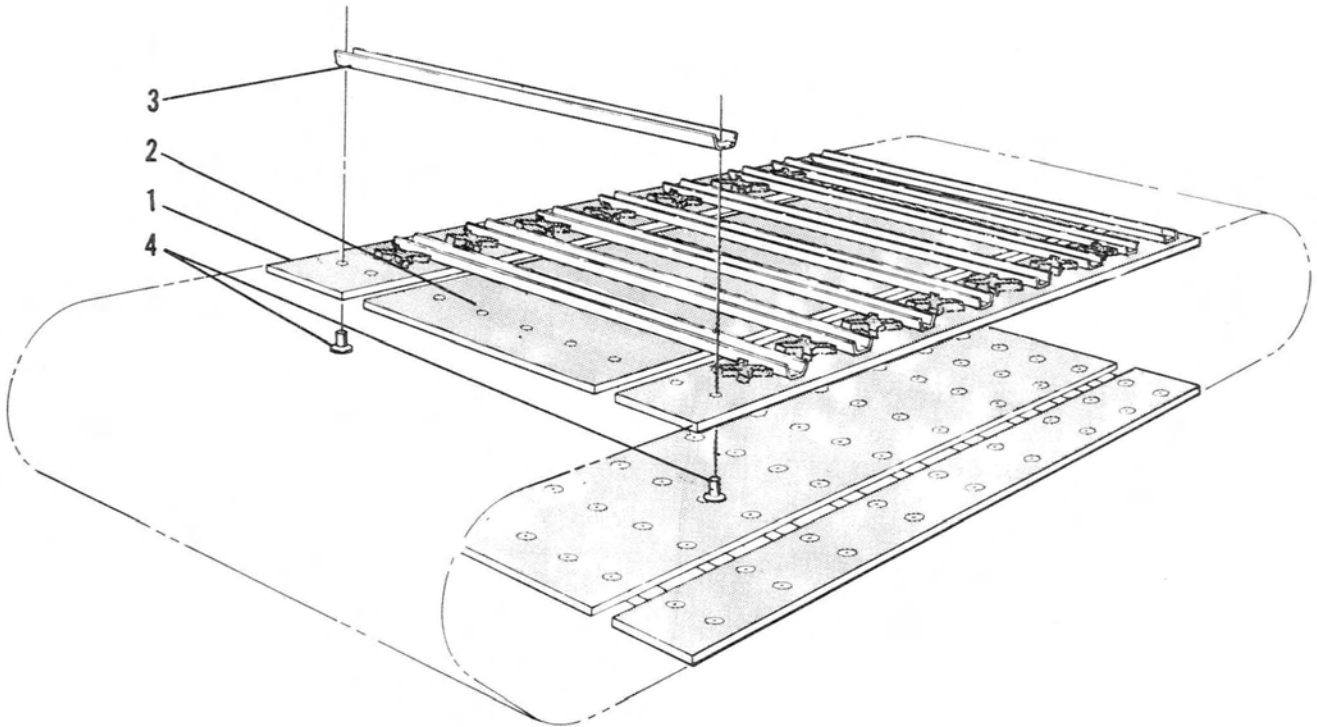


DRIVEN CLUTCH

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TRACK

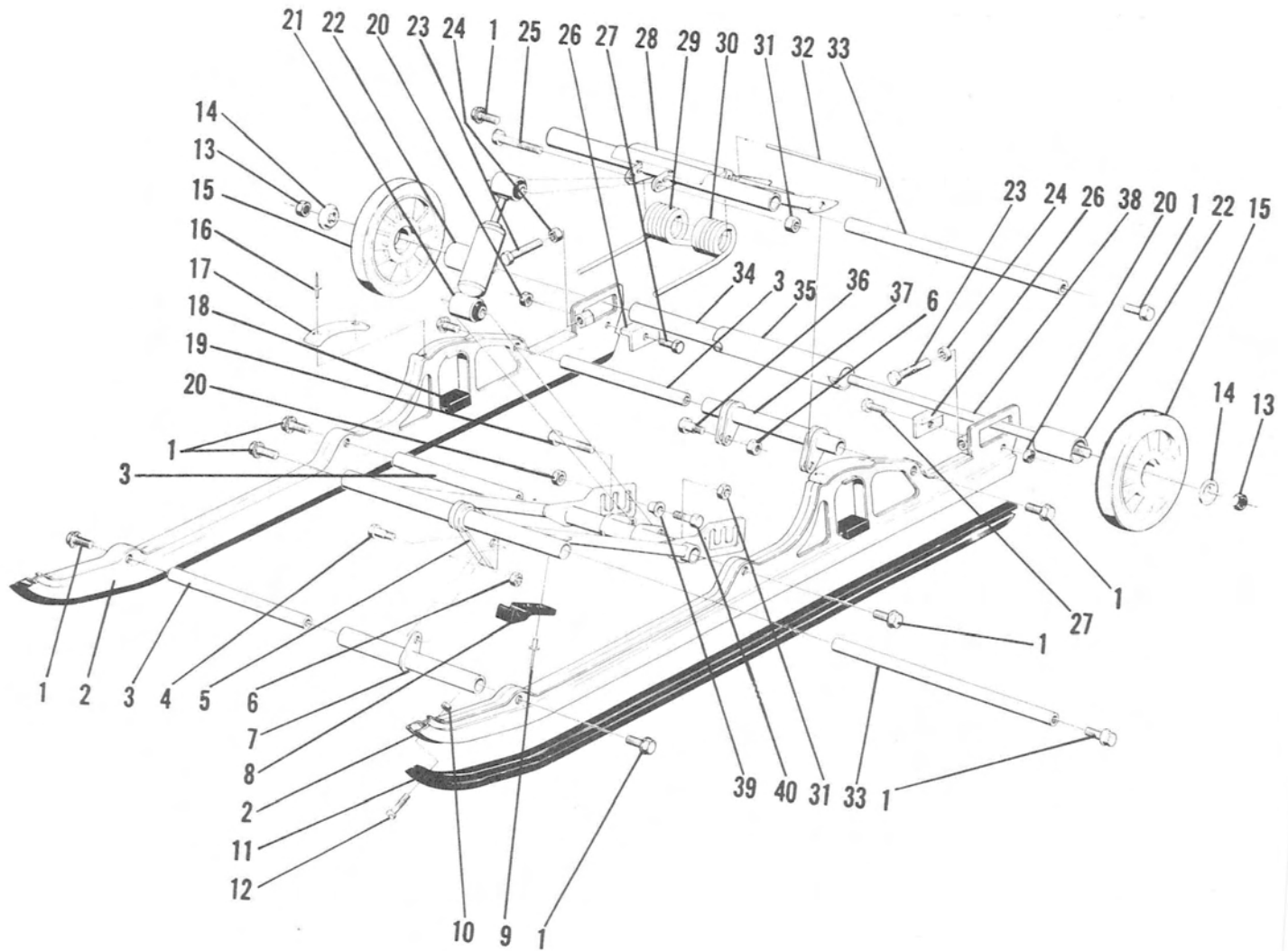
ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	1510135	Track Assembly - 250, 500	3	5221425	Standard Cleat - All
	1510129	Track Assembly - 340, 440		5221640	Guide Cleat - 340, 440 only
1	5410240	Outer Track Belt	4	7621401	Pop Rivet
2	5410233	Inner Track Belt		7621423	Solid Rivet



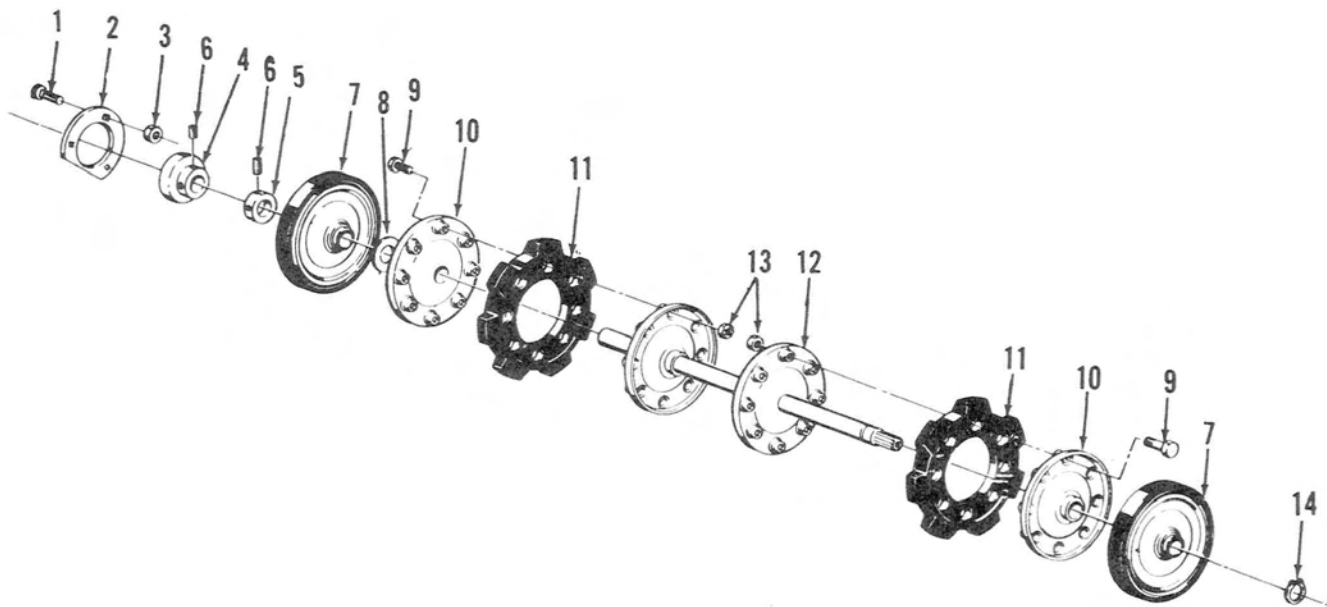
SUSPENSION

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SUSPENSION

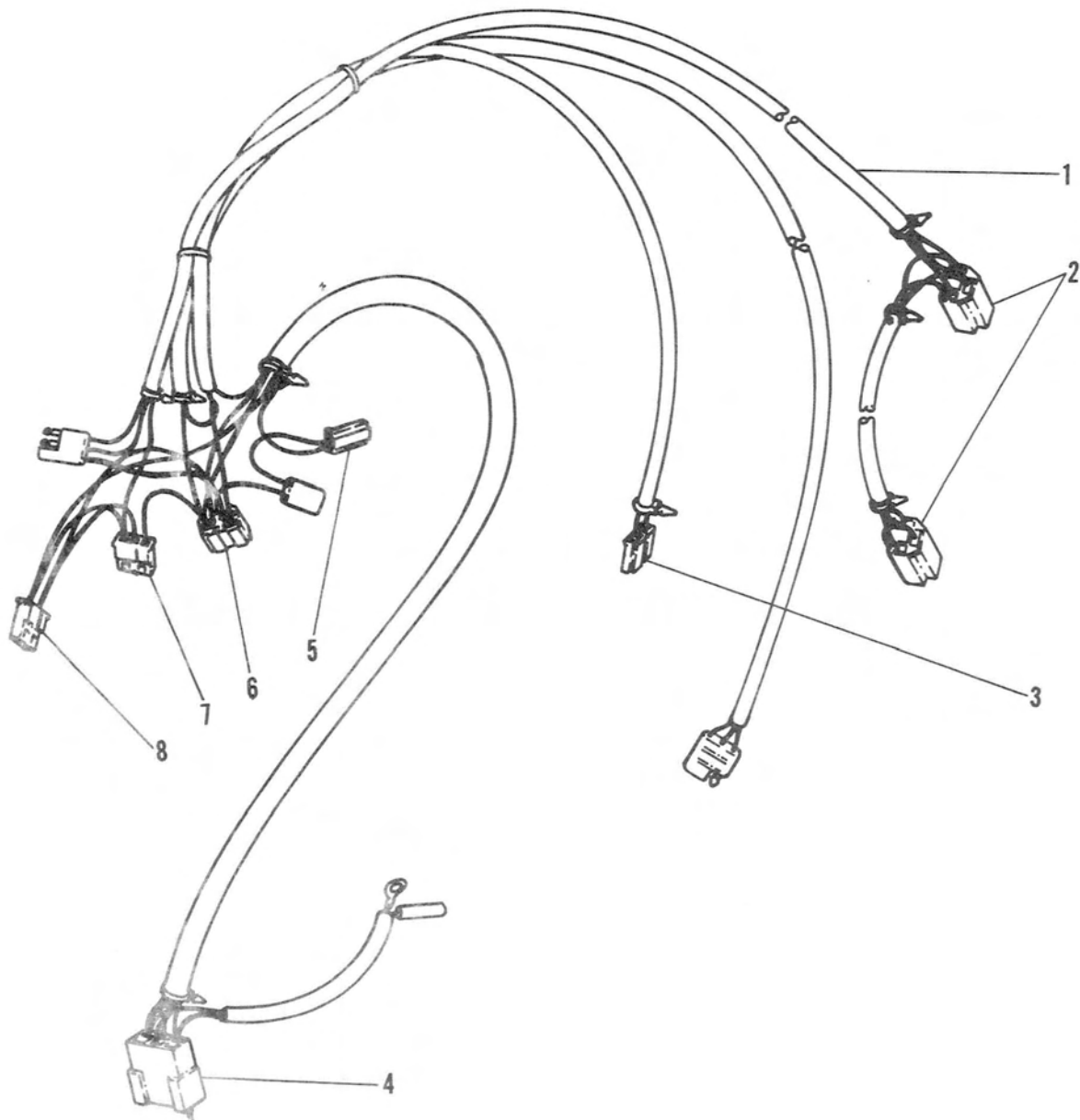


DRIVE SHAFT

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WIRE HARNESS

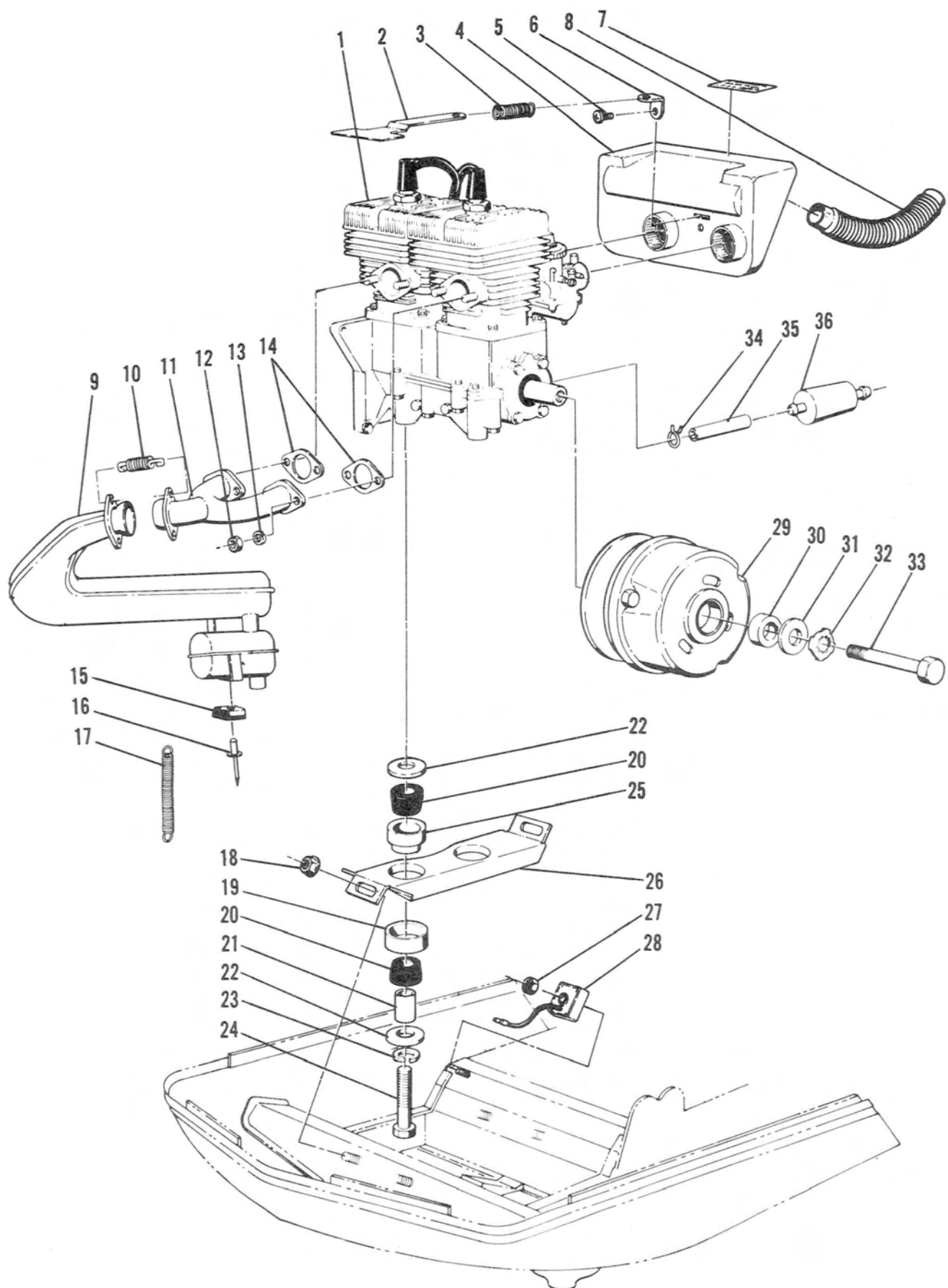
ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	2460179	Main Wire Harness	5	2200040	Receptacle Housing w/Receptacles
2	2200022	Receptacle Housing w/Receptacles	6	2200071	5 Circuit Receptacle Housing w/Receptacles
3	2200082	Brake Light Connector Kit	7	2200094	3 Circuit Housing Kit
4	2200039	6 Circuit Tab Housing w/Tabs	8	2200095	2 Circuit Housing Kit



ENGINE MOUNTING – 250

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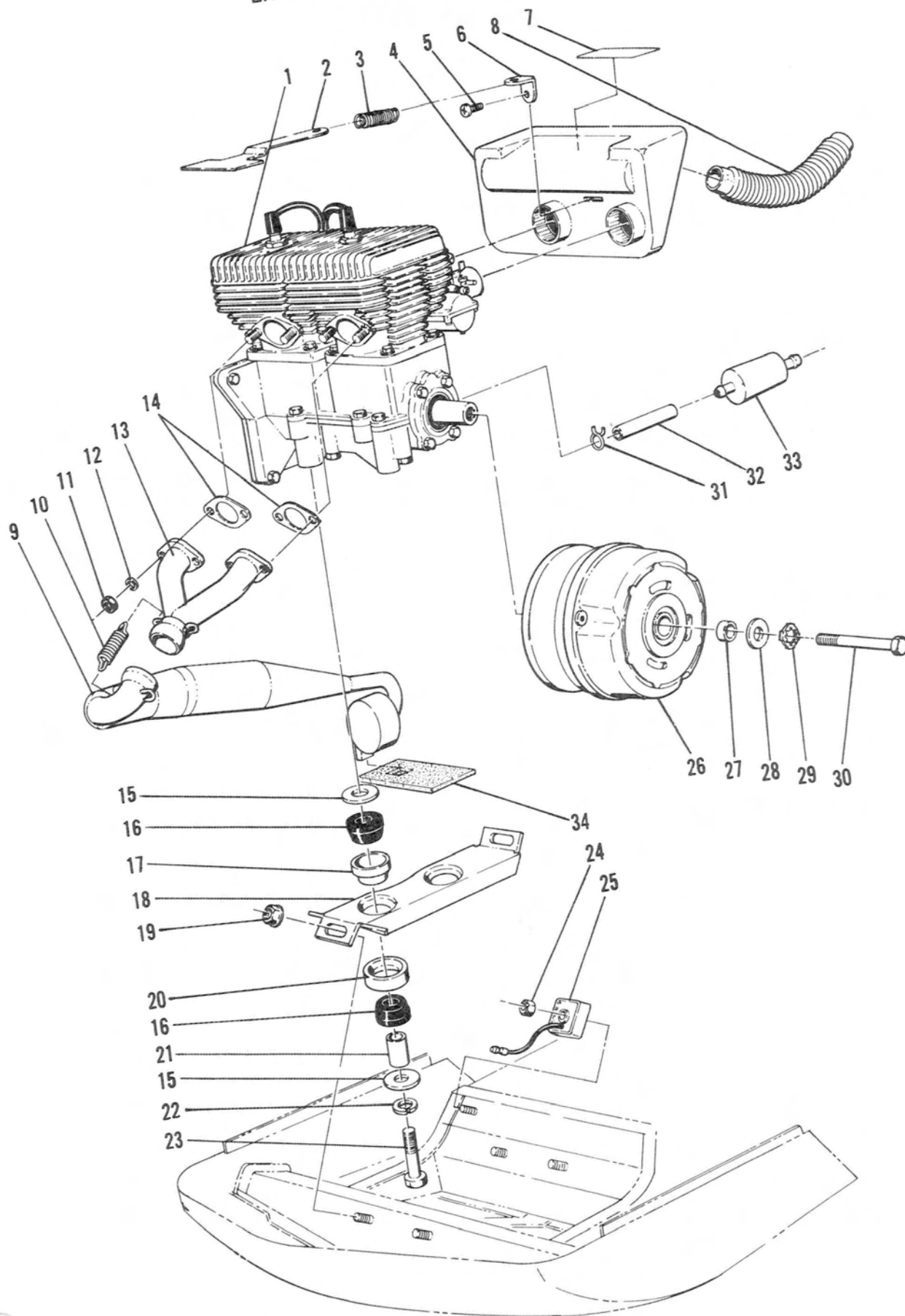
ENGINE MOUNTING - 250



ENGINE MOUNTING – 340

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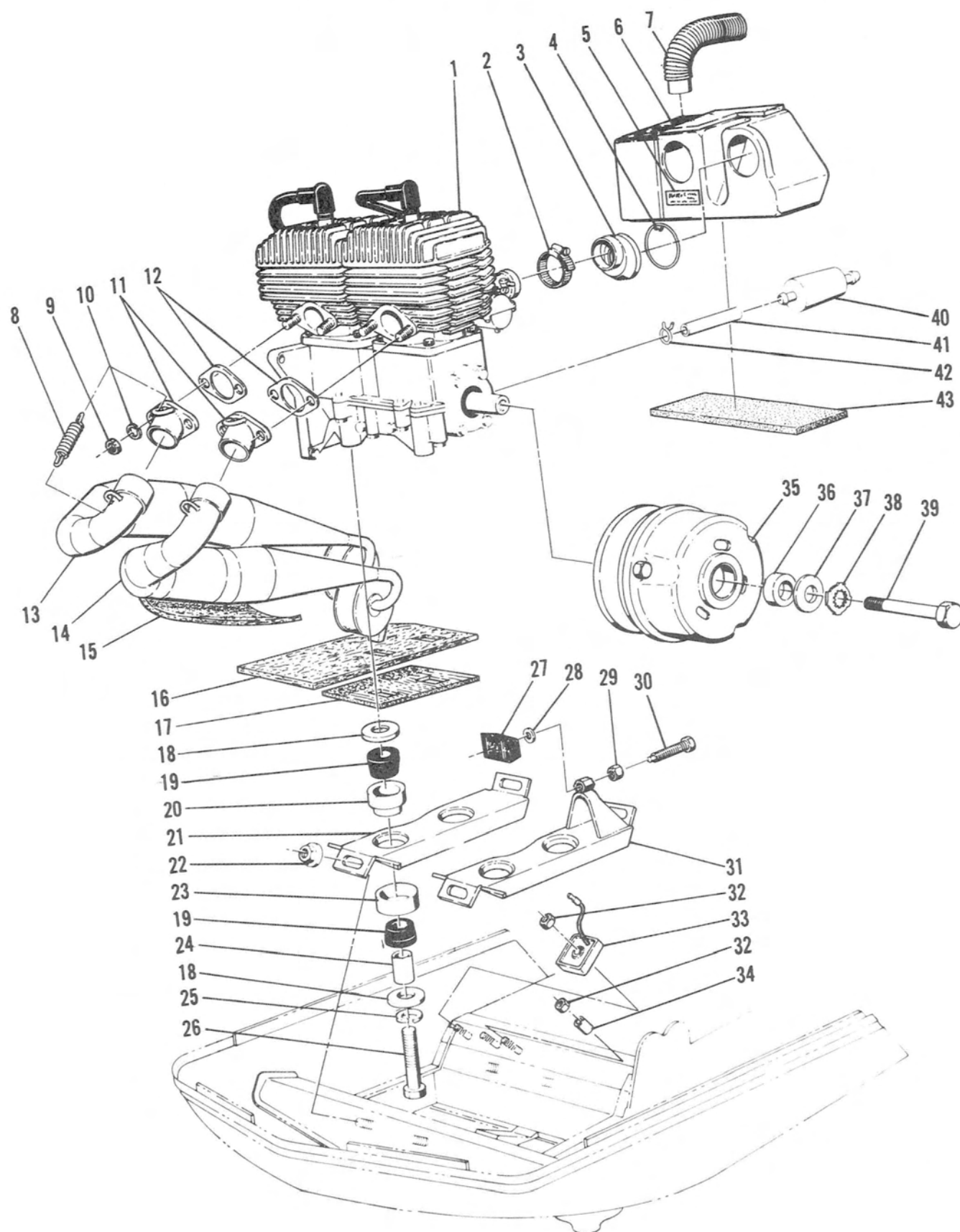
ENGINE MOUNTING - 340



ENGINE MOUNTING – 440

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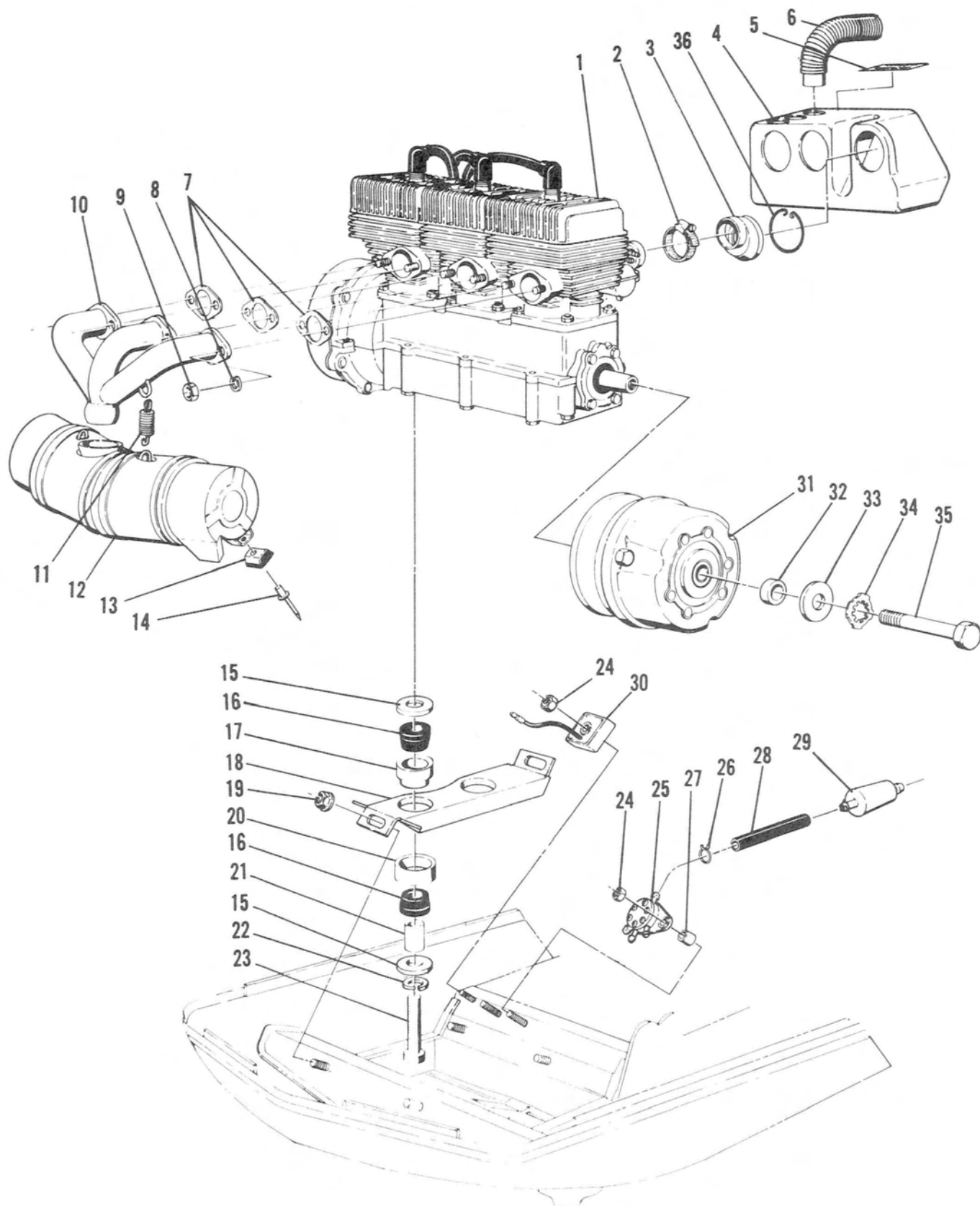
ENGINE MOUNTING - 440



ENGINE MOUNTING – 500

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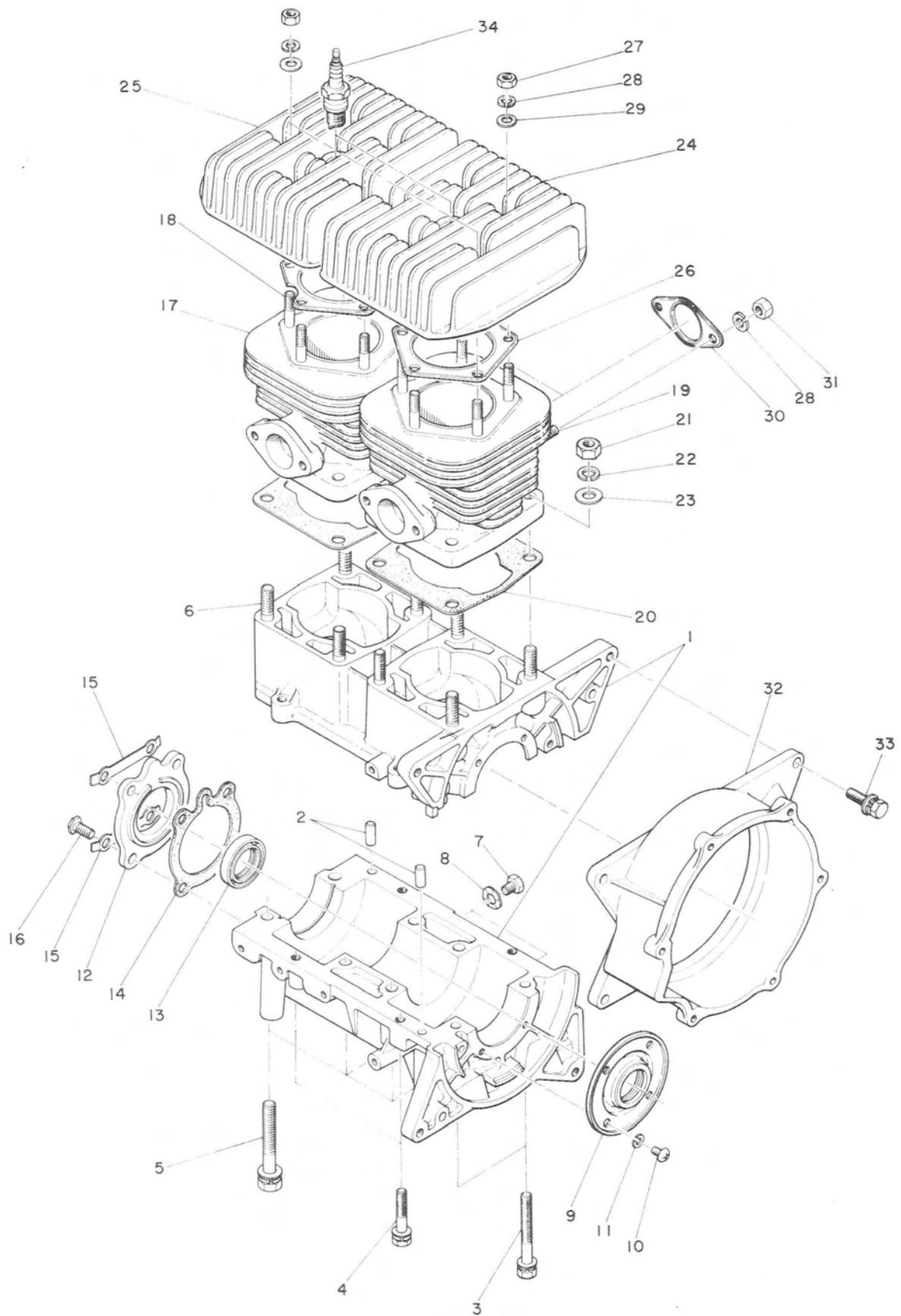
ENGINE MOUNTING - 500



CRANKCASE & CYLINDER – 250

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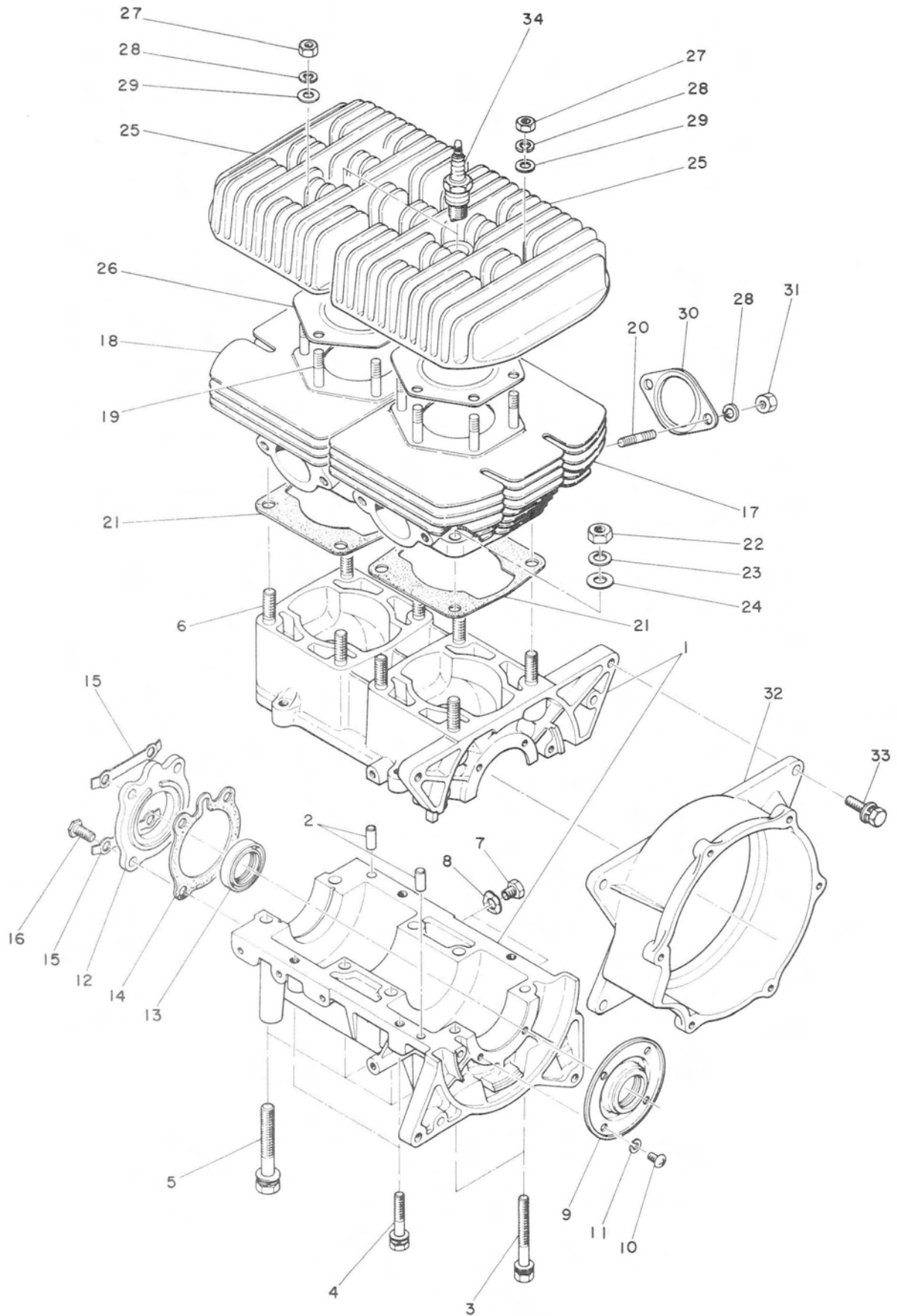
CRANKCASE & CYLINDER – 250



CRANKCASE & CYLINDER – 340

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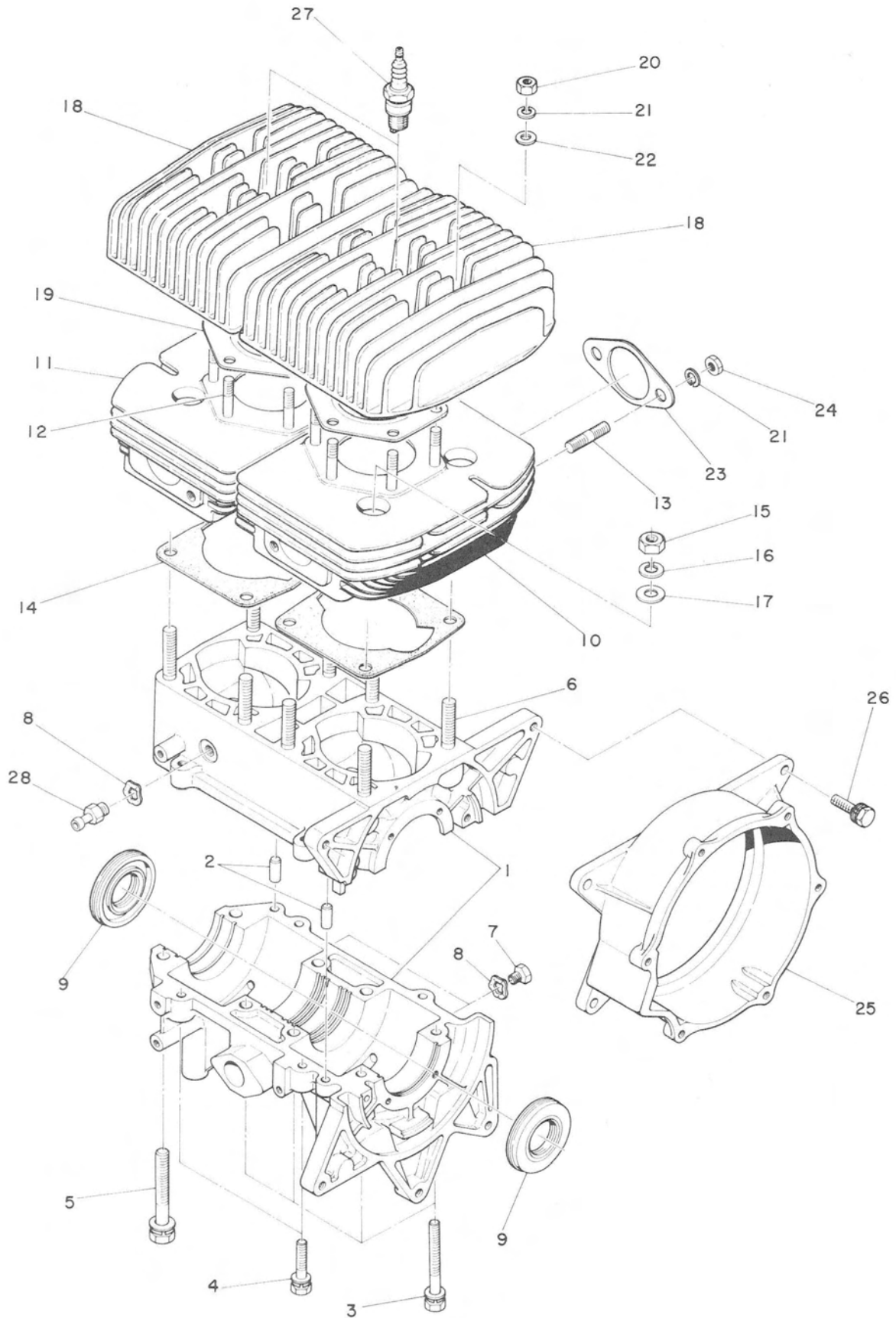
CRANKCASE & CYLINDER - 340



CRANKCASE & CYLINDER – 440

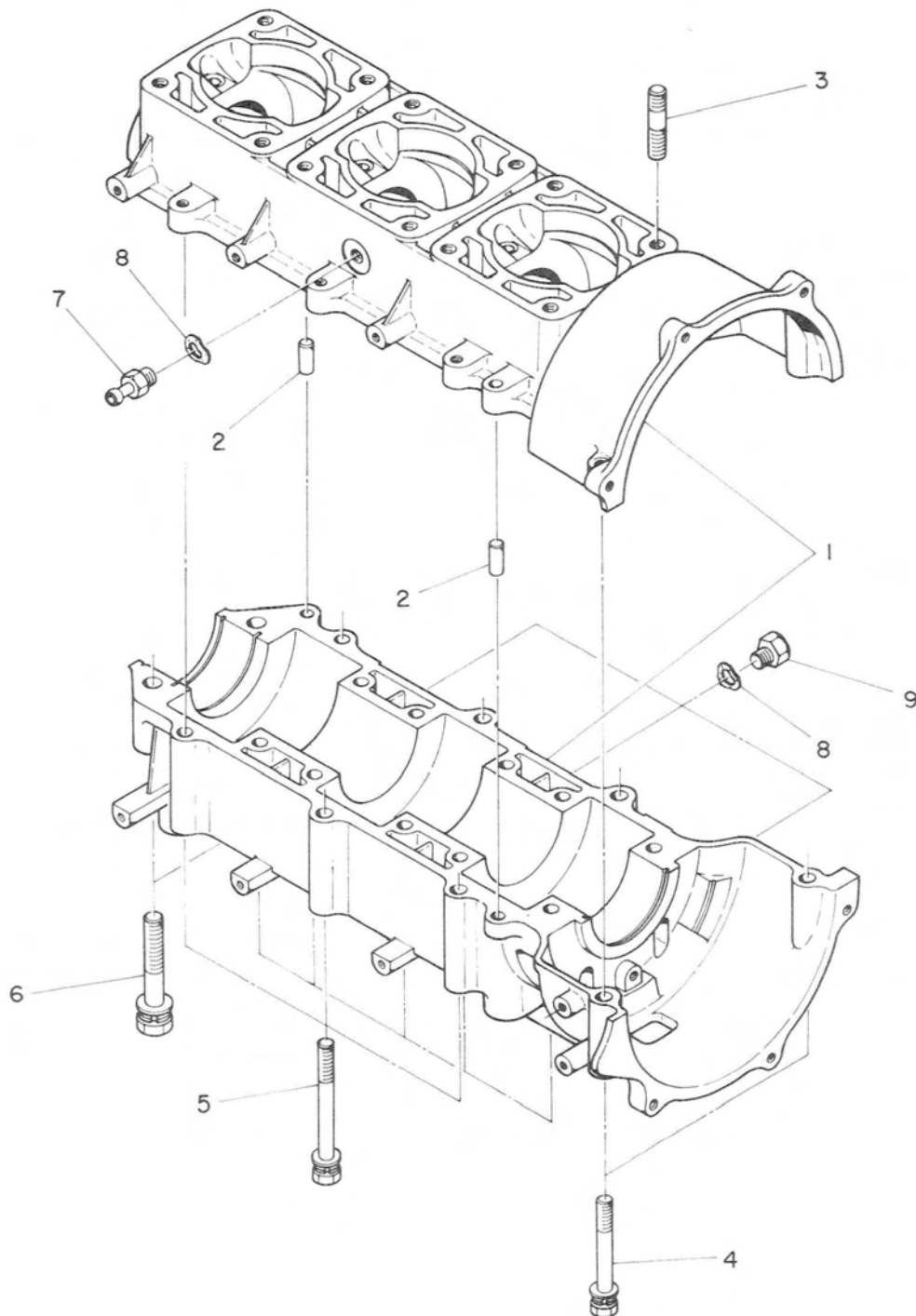
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CRANKCASE & CYLINDER - 440



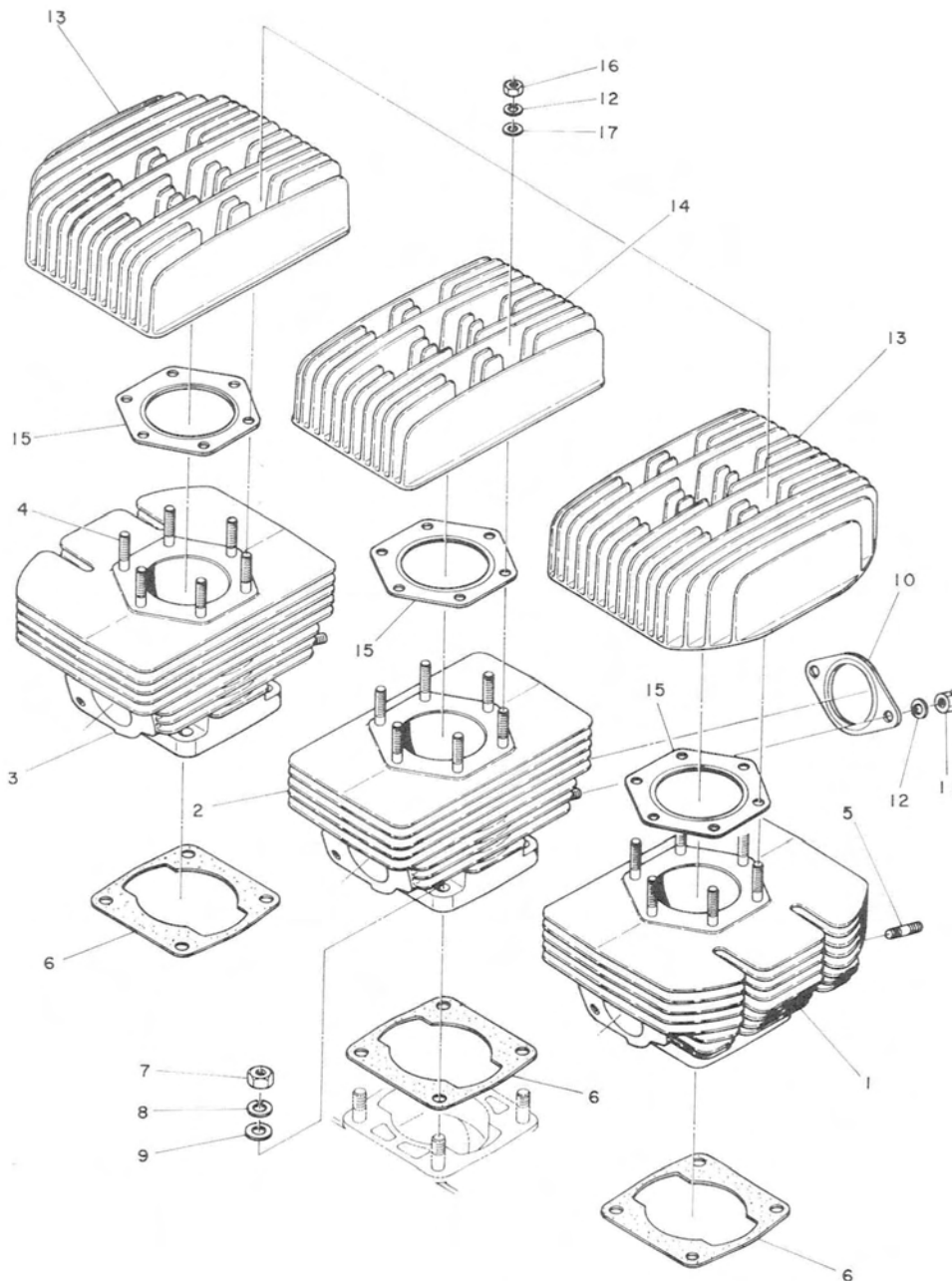
CRANKCASE – 500

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082087	Crankcase (Incl. 2 - 6)	6	3080742	Bolt & Washer
2	3080373	Dowel Pin	7	3080641	Union
3	3080745	Stud	8	3081634	Wave Washer
4	3080739	Bolt & Washer	9	3080446	Plug
5	3080884	Bolt & Washer			



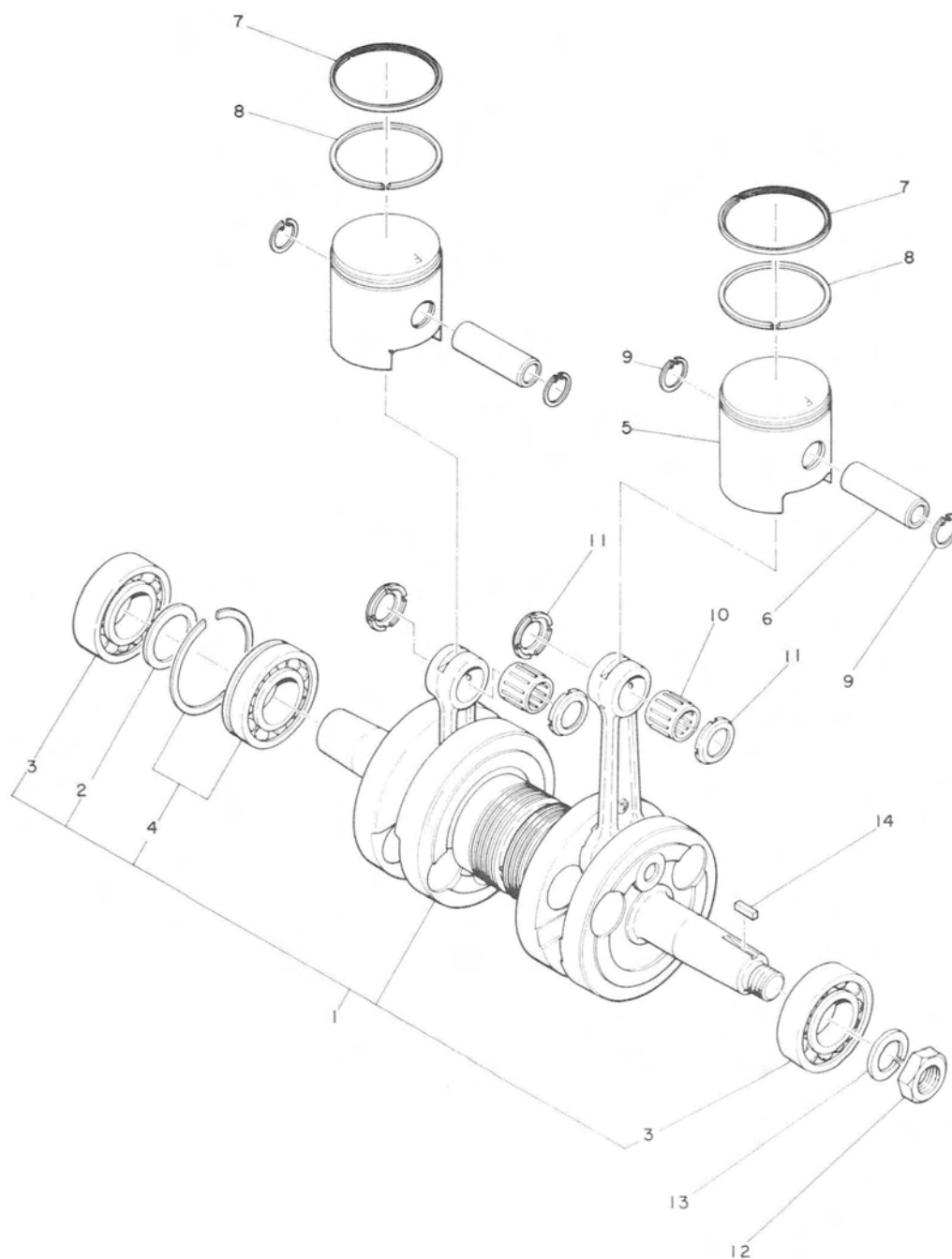
CYLINDER – 500

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082370	Cylinder 1 (Incl. 4, 5)	10	3082068	Exhaust Gasket
2	3082389	Cylinder 2 (Incl. 4, 5)	11	3080285	Nut
3	3082371	Cylinder 3 (Incl. 4, 5)	12	3080530	Spring Washer
4	3080283	Stud	13	3082372	Cylinder Head 1
5	3082092	Stud	14	3082390	Cylinder Head 2
6	3081690	Cylinder Gasket	15	3081695	Head Gasket
7	3080047	Nut	16	3080119	Nut
8	3080050	Spring Washer	17	3080142	Washer
9	3080356	Washer			



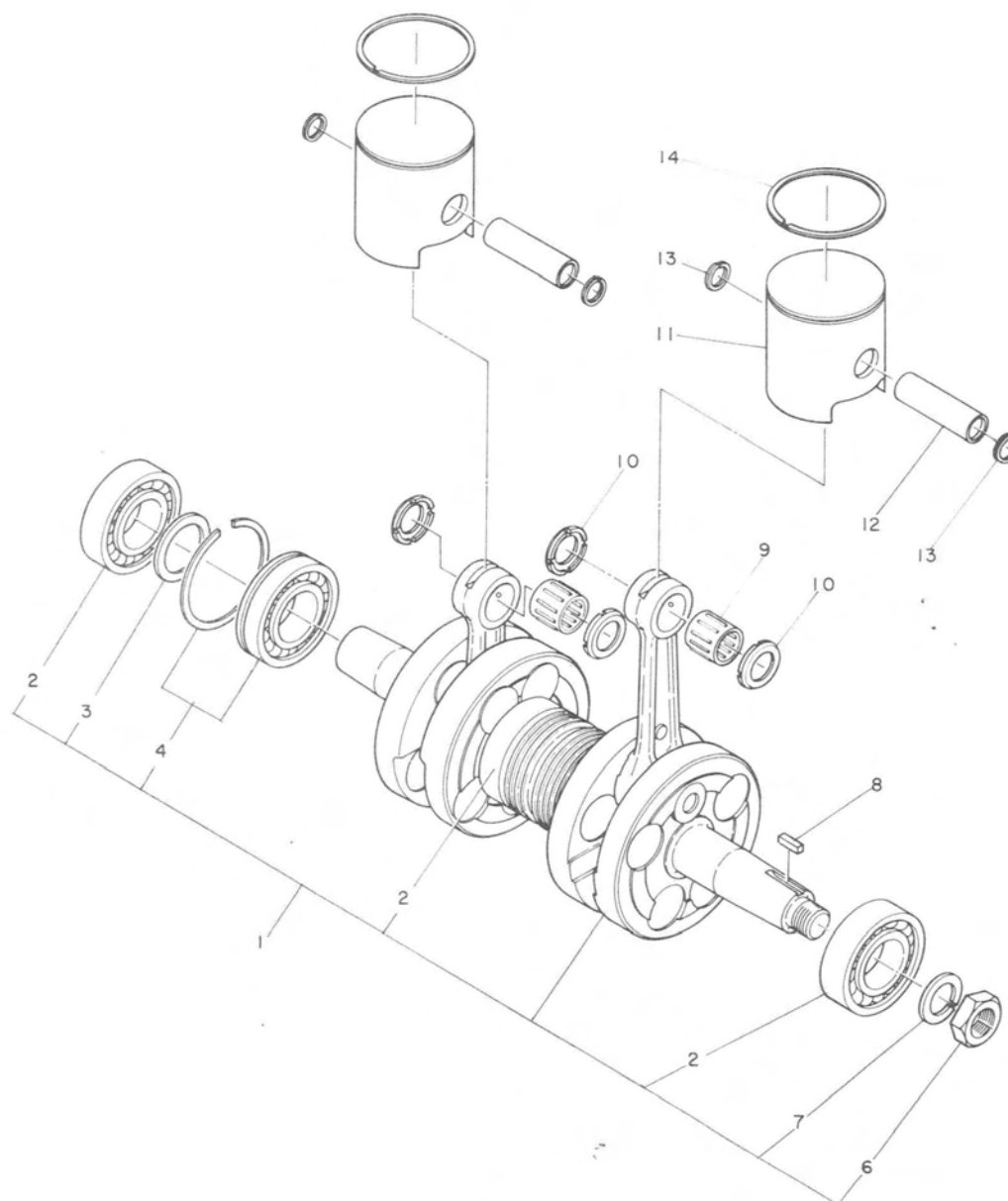
CRANKSHAFT & PISTON – 250

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082355	Crankshaft	8	3081923	Second Ring
2	3080447	Spacer	9	3080357	Snap Ring
3	3080004	Ball Bearing	10	3081648	Small End Bearing
4	3080243	Ball Bearing	11	3080386	Piston Pin Spacer
5	3081917	Piston	12	3080639	Nut
6	3081919	Piston Pin	13	3080070	Spring Washer
7	3081921	Top Ring	14	3081447	Key



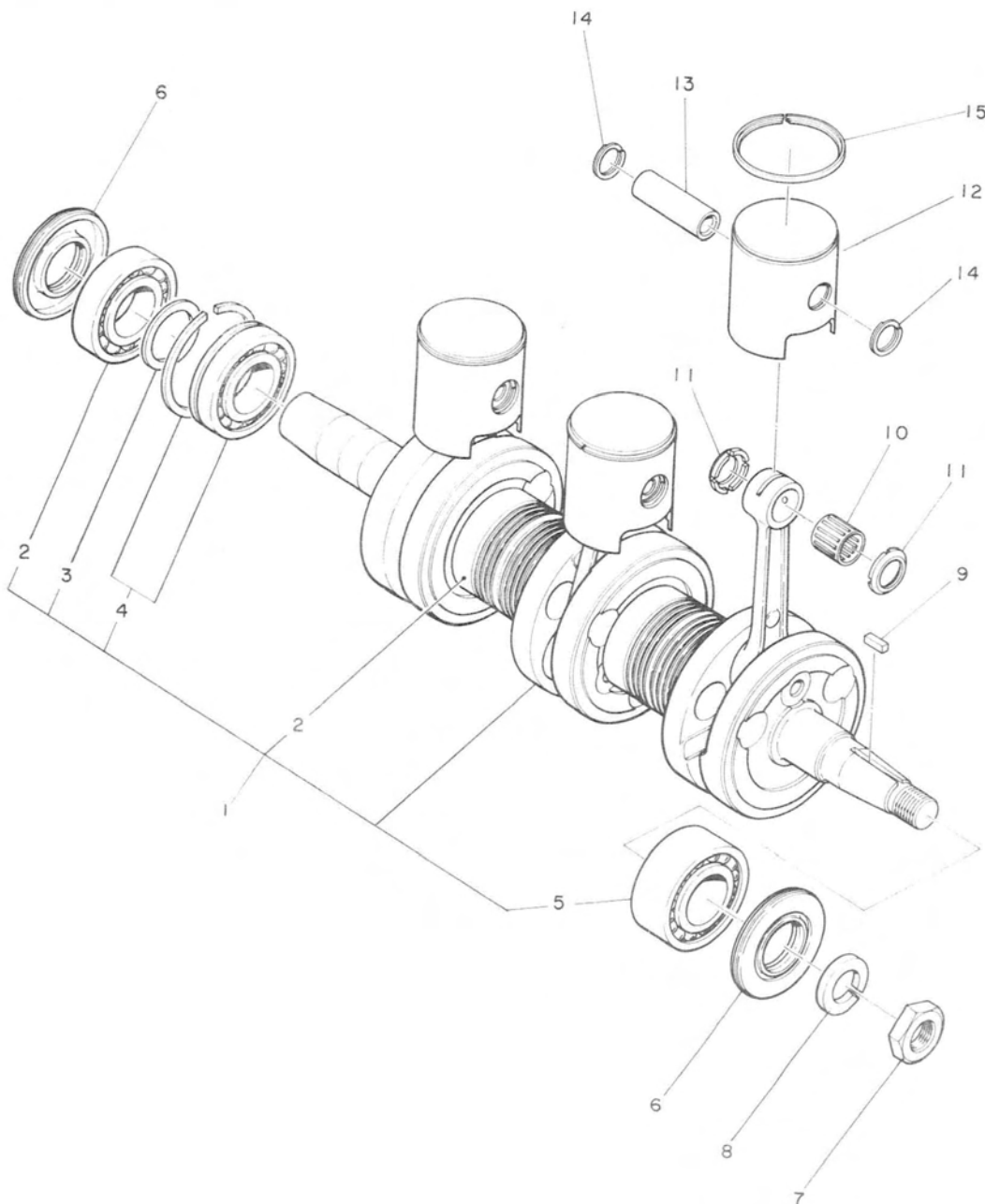
CRANKSHAFT & PISTON – 340, 440

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082355	Crankshaft - 340 (Incl. 2 - 4)	10	3082373	Piston Pin Spacer - 340
	3082379	Crankshaft - 440 (Incl. 2 - 4)		3081720	Piston Pin Spacer - 440
2	3080004	Ball Bearing	11	3081711	Piston - 340
3	3080447	Spacer		3081717	Piston - 440
4	3080243	Ball Bearing	12	3080126	Piston Pin - 340
5		Not Used		3080268	Piston Pin - 440
6	3080639	Nut	13	3081714	Piston Pin Clip - 340
7	3080070	Spring Washer		3081718	Piston Pin Clip - 440
8	3081447	Key	14	3081713	Piston Ring - 340
9	3081648	Small End Bearing - 340		3081719	Piston Ring - 440
	3081629	Small End Bearing - 440			



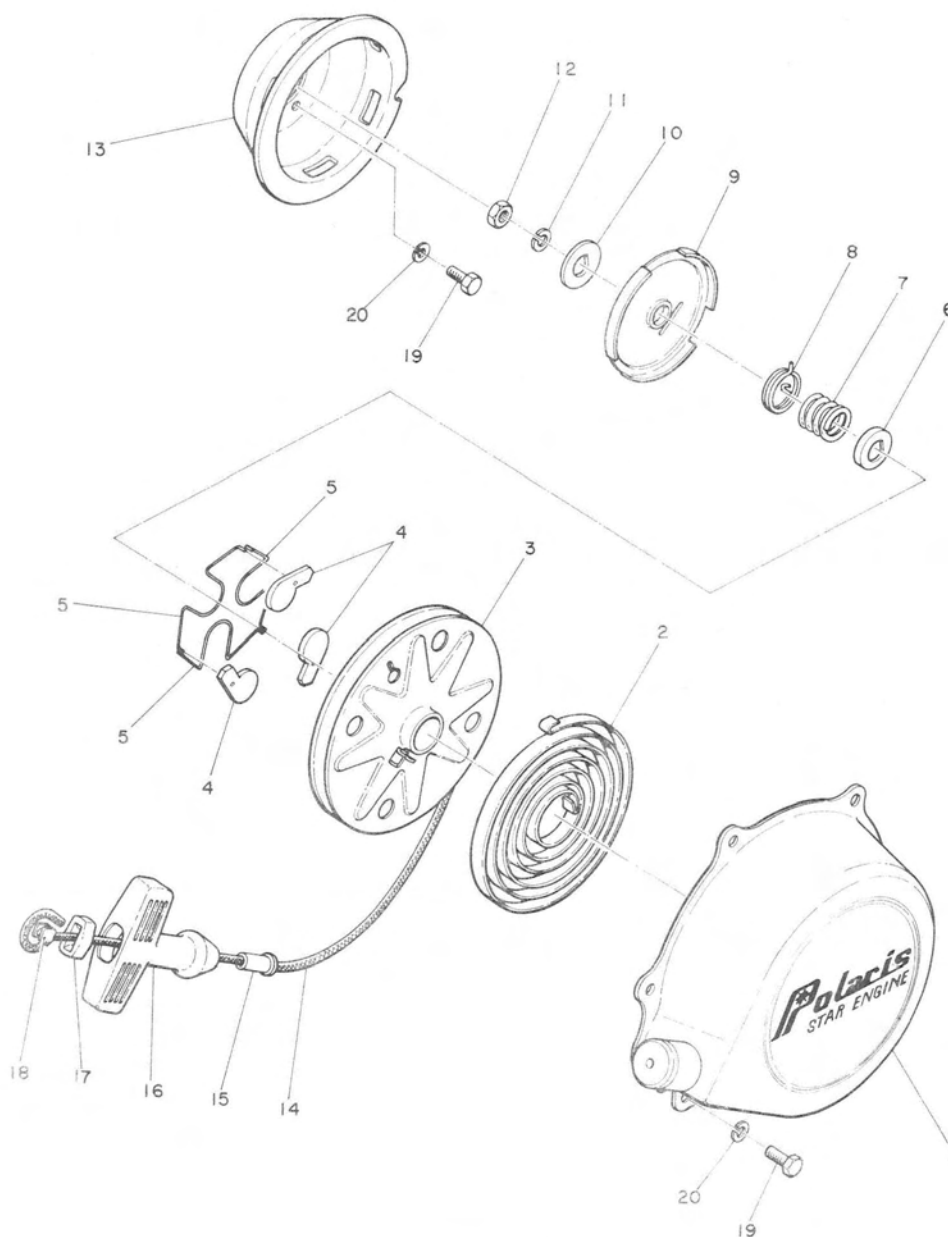
CRANKSHAFT & PISTON – 500

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082105	Crankshaft (incl. 2 - 5)	9	3081316	Key
2	3080004	Ball Bearing	10	3081648	Small End Bearing
3	3080447	Spacer	11	3081649	Piston Pin Spacer
4	3080243	Ball Bearing	12	3081711	Piston
5	3081709	Ball Bearing	13	3080126	Piston Pin
6	3082051	Oil Seal	14	3081714	Clip
7	3080639	Nut	15	3081713	Piston Ring
8	3080070	Spring Washer			



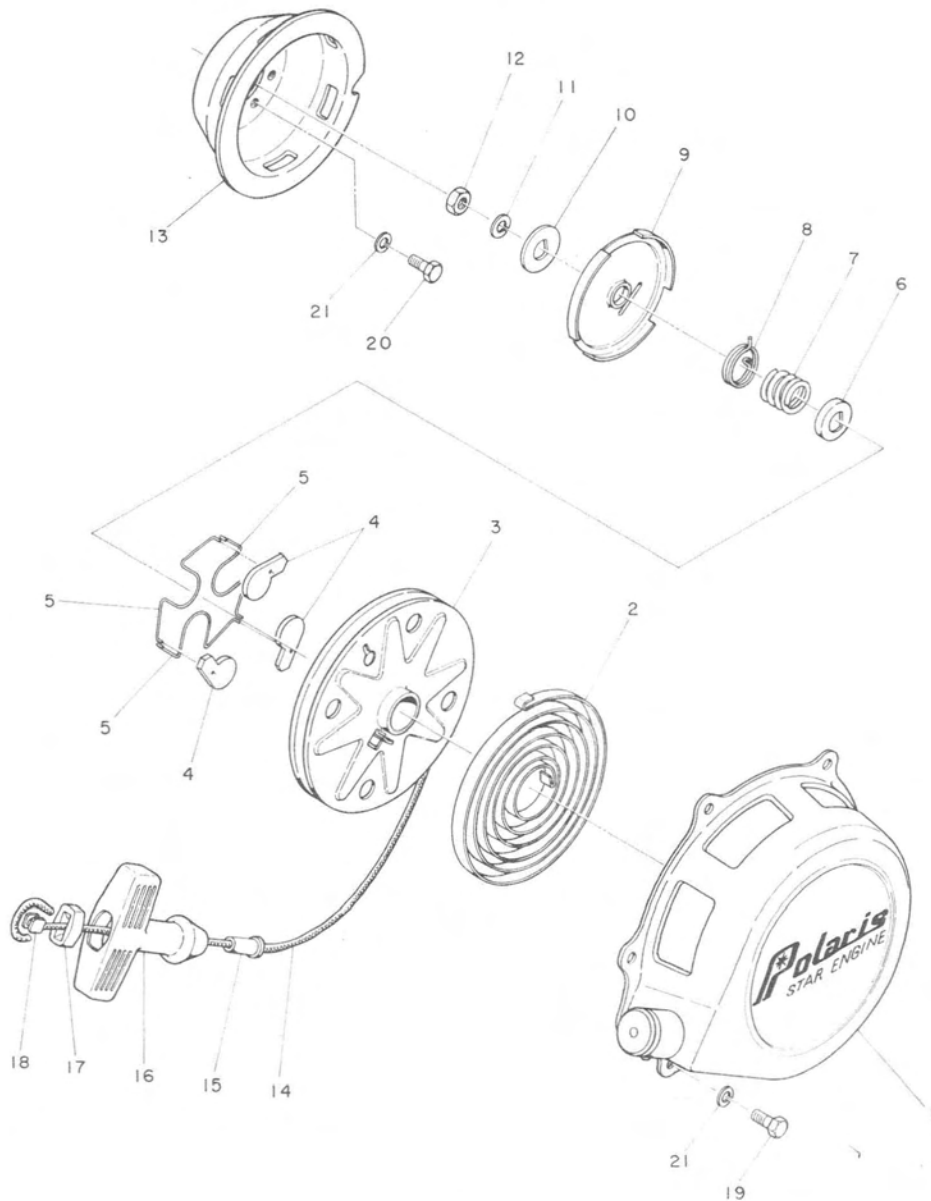
RECOIL STARTER – 250, 340, 440

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082369	Recoil Starter (Incl. 2 - 12, 14 - 18)	11	3081087	Lock Washer
2	3081234	Power Spring	12	3081086	Nut
3	3080904	Reel	13	3081084	Starting Pulley
4	3082115	Ratchet	14	3080620	Wire Rope
5	3082116	Return Spring (B)	15	3080335	Wire Guide
6	3080500	Washer (A)	16	3080212	Starter Handle
7	3081238	Friction Spring	17	3080336	Wire Clamp (A)
8	3082118	Return Spring	18	3080337	Wire Clamp (B)
9	3082119	Friction Plate	19	3080146	Bolt
10	3081240	Washer (B)	20	3080077	Lock Washer



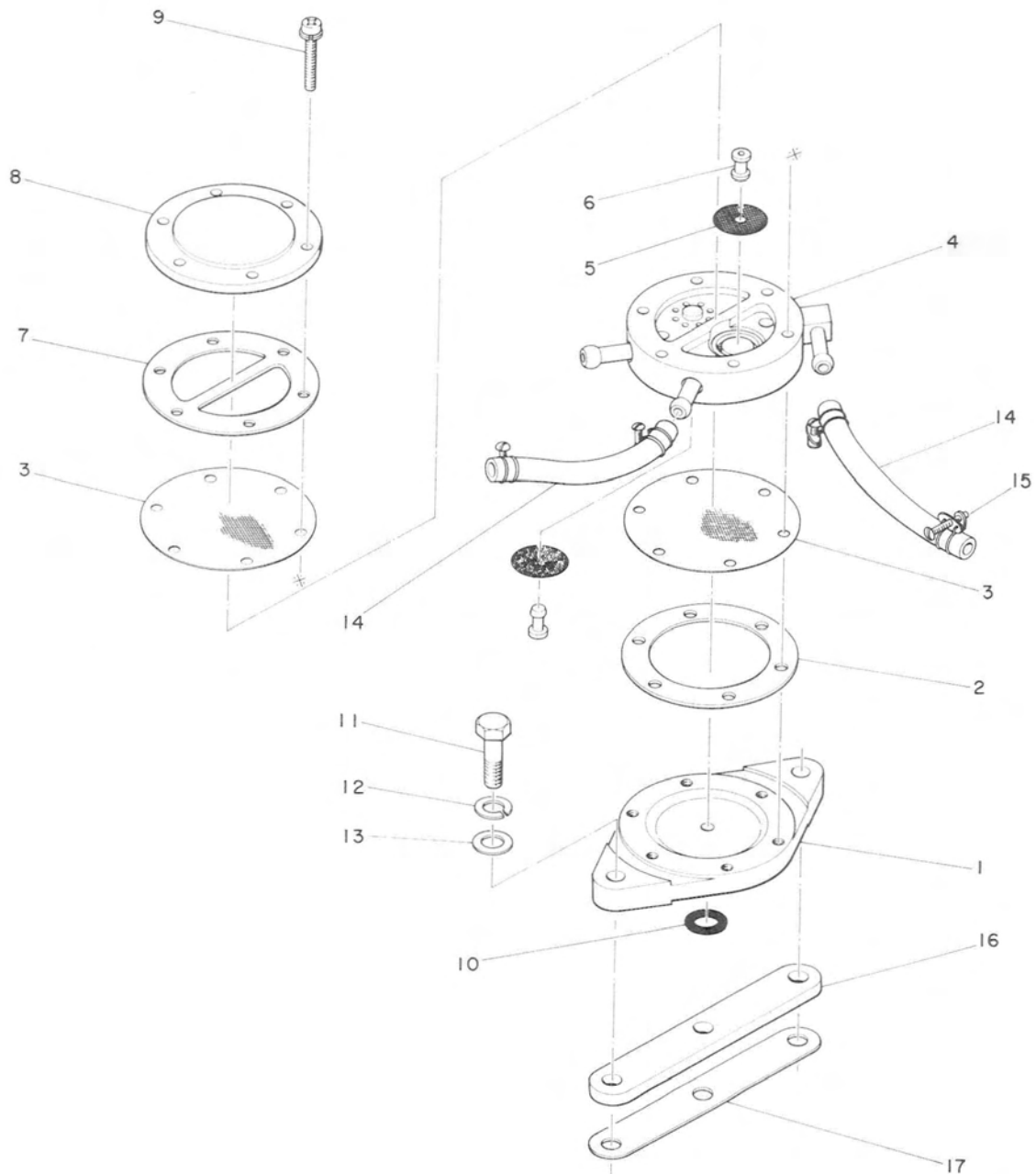
RECOIL STARTER – 500

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082395	Recoil Starter (Incl. 2 - 12, 14 - 18)	12	3081086	Nut
2	3081234	Power Spring	13	3081862	Starting Pulley
3	3080904	Reel	14	3080620	Wire Rope
4	3082115	Ratchet	15	3080335	Wire Guide
5	3082116	Return Spring (B)	16	3080212	Starter Handle
6	3080500	Washer	17	3080336	Wire Clamp (A)
7	3082117	Friction Spring	18	3080337	Wire Clamp (B)
8	3082118	Return Spring (A)	19	3080291	Bolt
9	3082119	Friction Plate	20	3081231	Bolt
10	3081240	Thrust Washer	21	3080077	Spring Washer
11	3081087	Spring Washer			



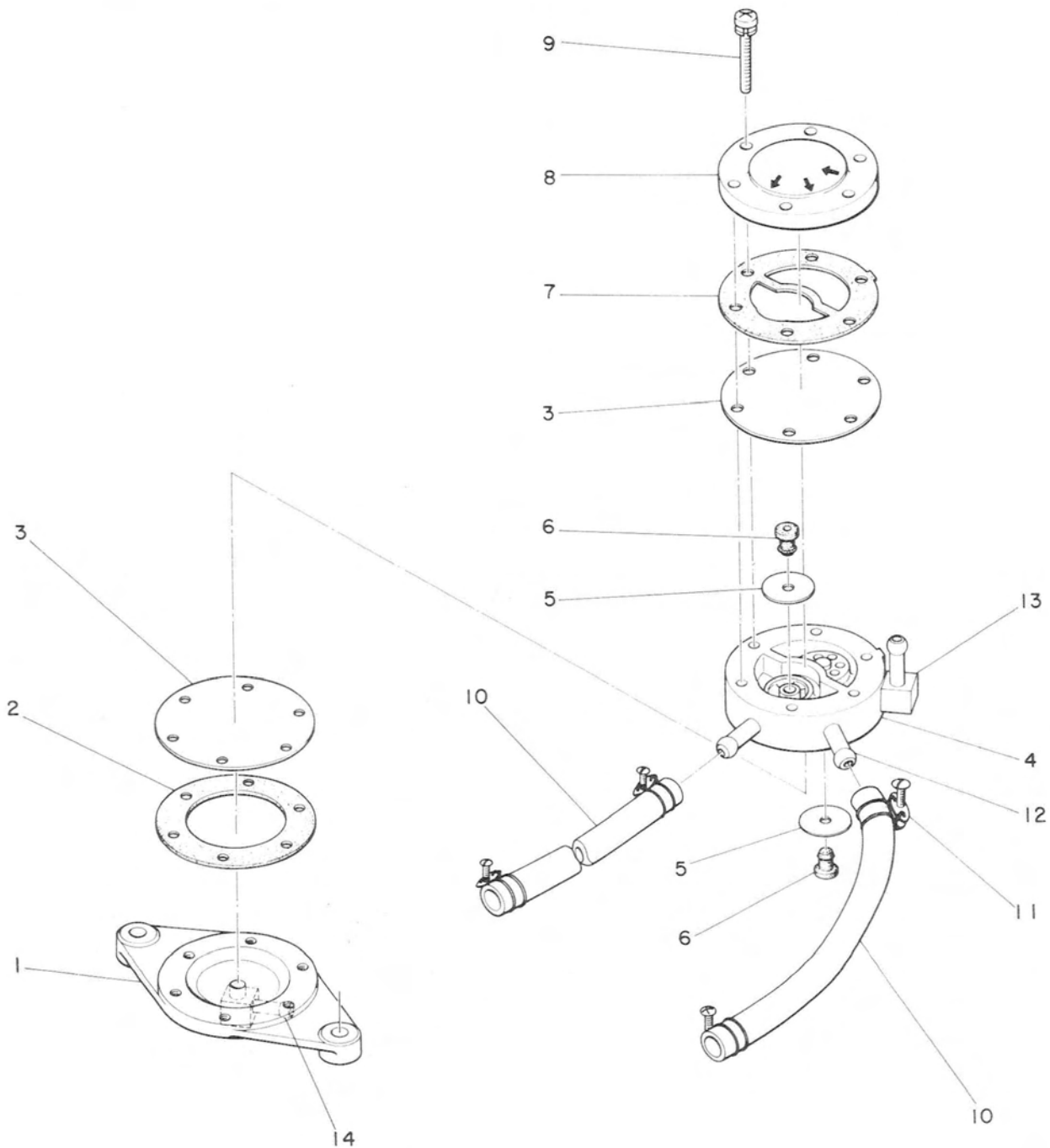
FUEL PUMP – 250, 340

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3080842	Fuel Pump (Incl. 2 - 10)	10	3080850	"O" Ring
2	3081380	Bottom Gasket	11	3080107	Bolt
3	3080844	Diaphragm	12	3080077	Spring Washer
4	N.A.	Top Body	13	3080078	Washer
5	3081989	Valve	14	3082362	Rubber Pipe
6	3081529	Grommet	15	3082262	Hose Clamp
7	3081384	Top Gasket	16	3080473	Insulator
8	N.A.	Cap	17	3080475	Gasket
9	3081286	Screw & Washer			



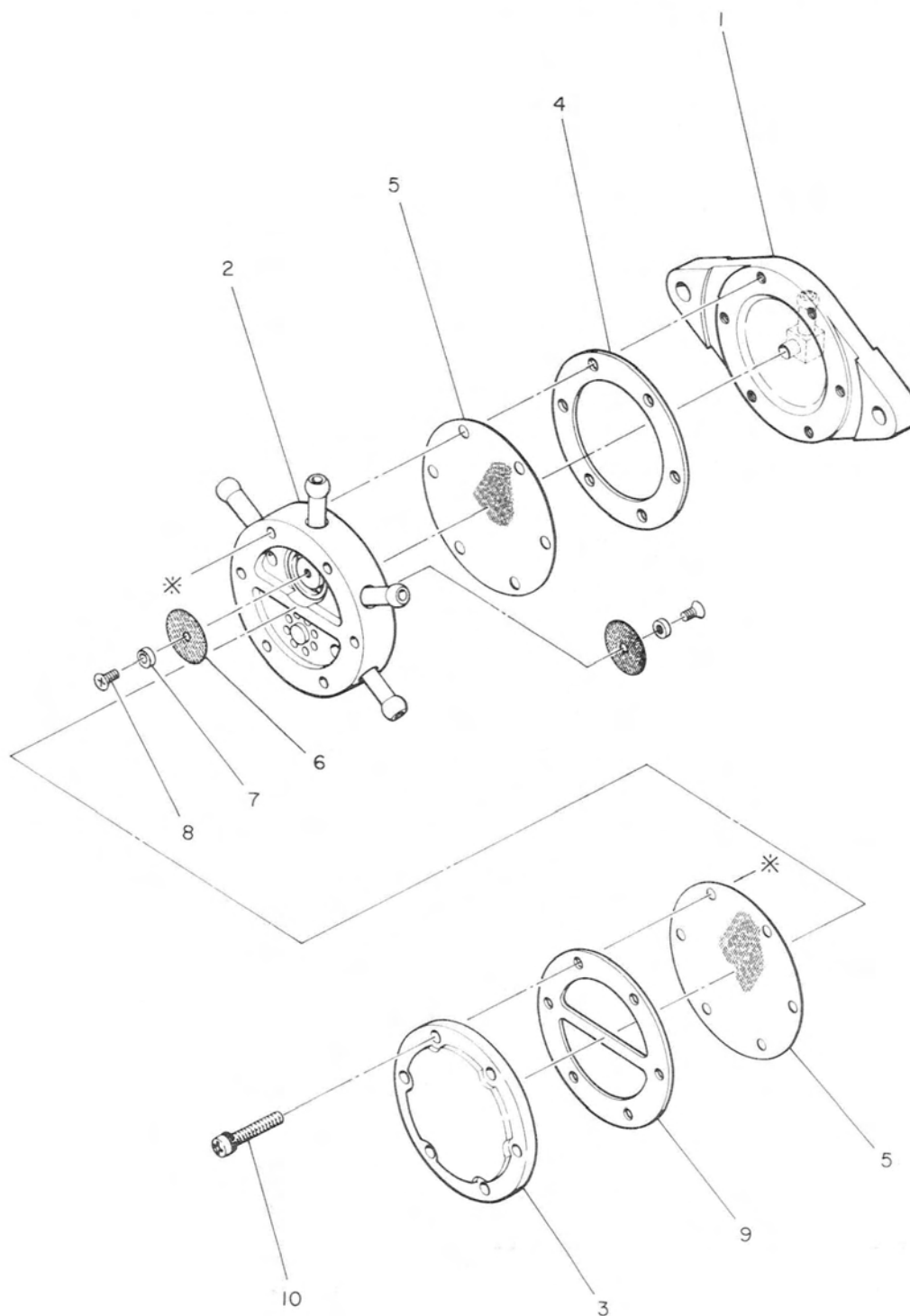
FUEL PUMP – 440

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082385	Fuel Pump (Incl. 1 - 9, 12 - 14)	8	N.A.	Cap
2	3081380	Bottom Gasket	9	3081286	Screw & Washer
3	3080844	Diaphragm	10	N.A.	Rubber Hose
4	N.A.	Top Body	11	3082262	Hose Clamp
5	3081989	Valve	12	3081280	Pipe (A)
6	3081529	Grommet	13	3082386	Elbow
7	3081384	Top Gasket	14	3082387	Elbow



FUEL PUMP – 500

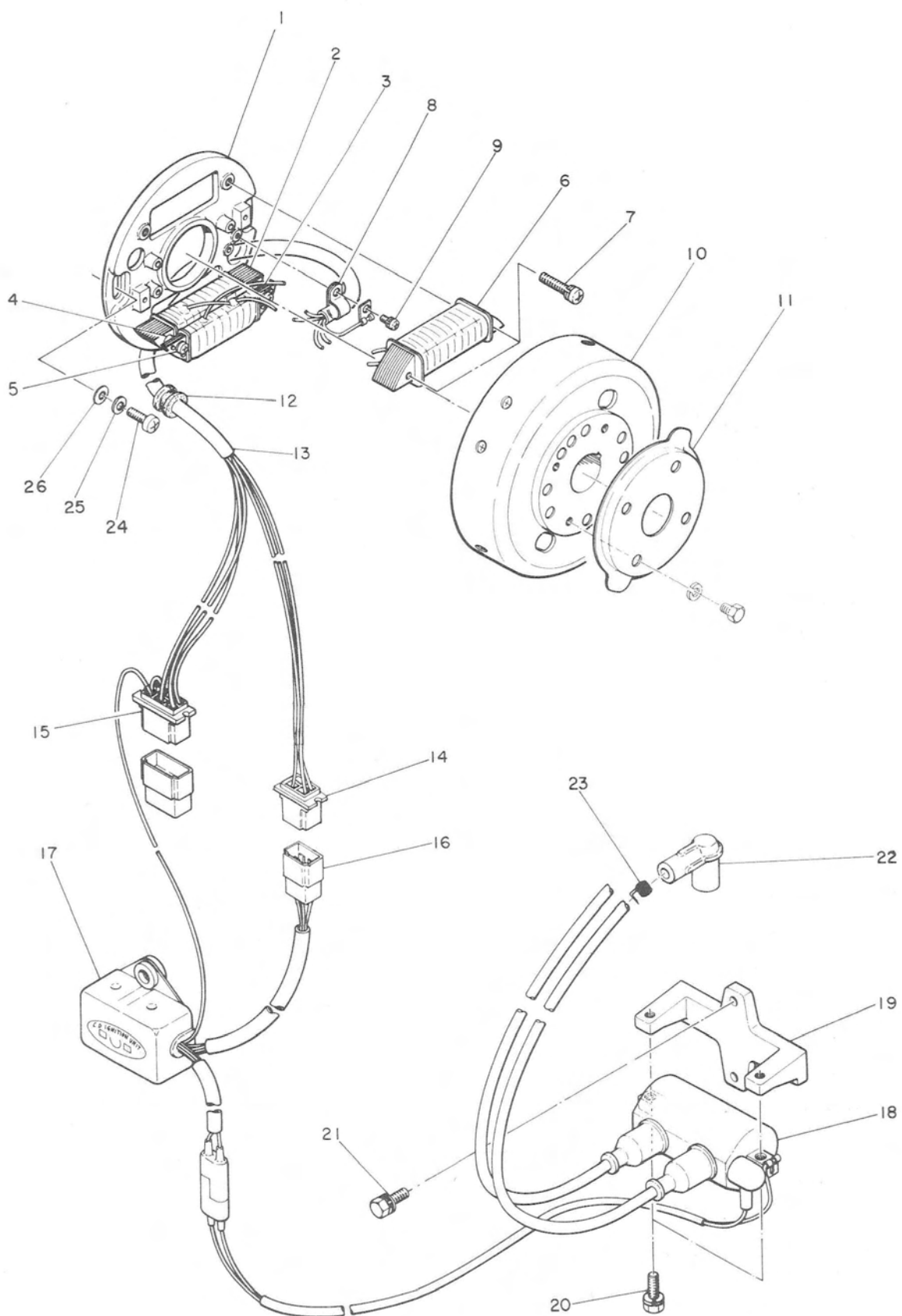
ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3081379	Fuel Pump (Incl. 2 - 10)	6	3081382	Valve
2	N.A.	Top Body	7	3081383	Packing
3	N.A.	Cap	8	3080991	Screw
4	3081380	Bottom Gasket	9	3081384	Top Gasket
5	3080844	Diaphragm	10	3081286	Screw & Washer



MAGNETO – 250, 340, 440

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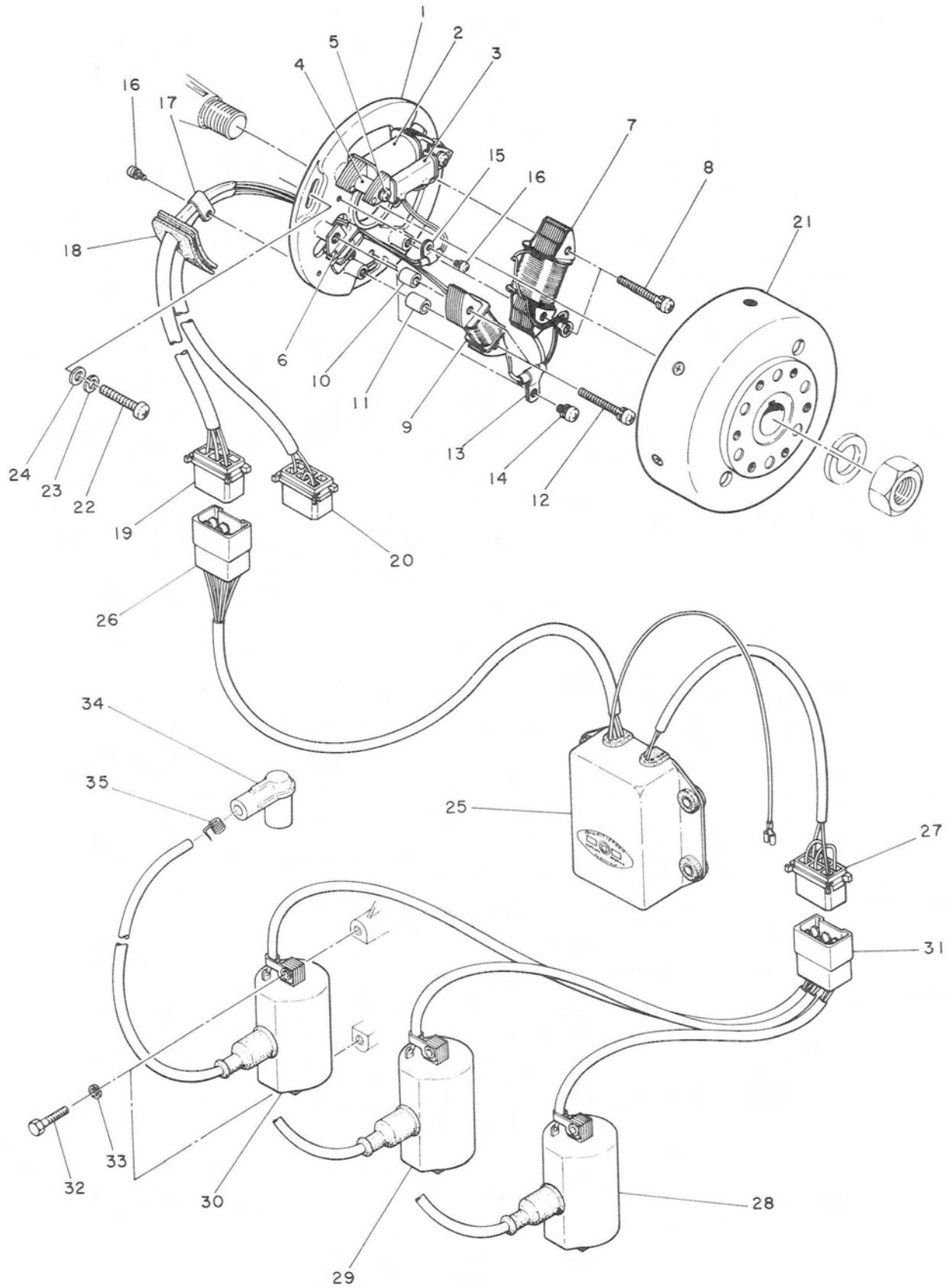
MAGNETO – 250, 340, 440



MAGNETO – 500

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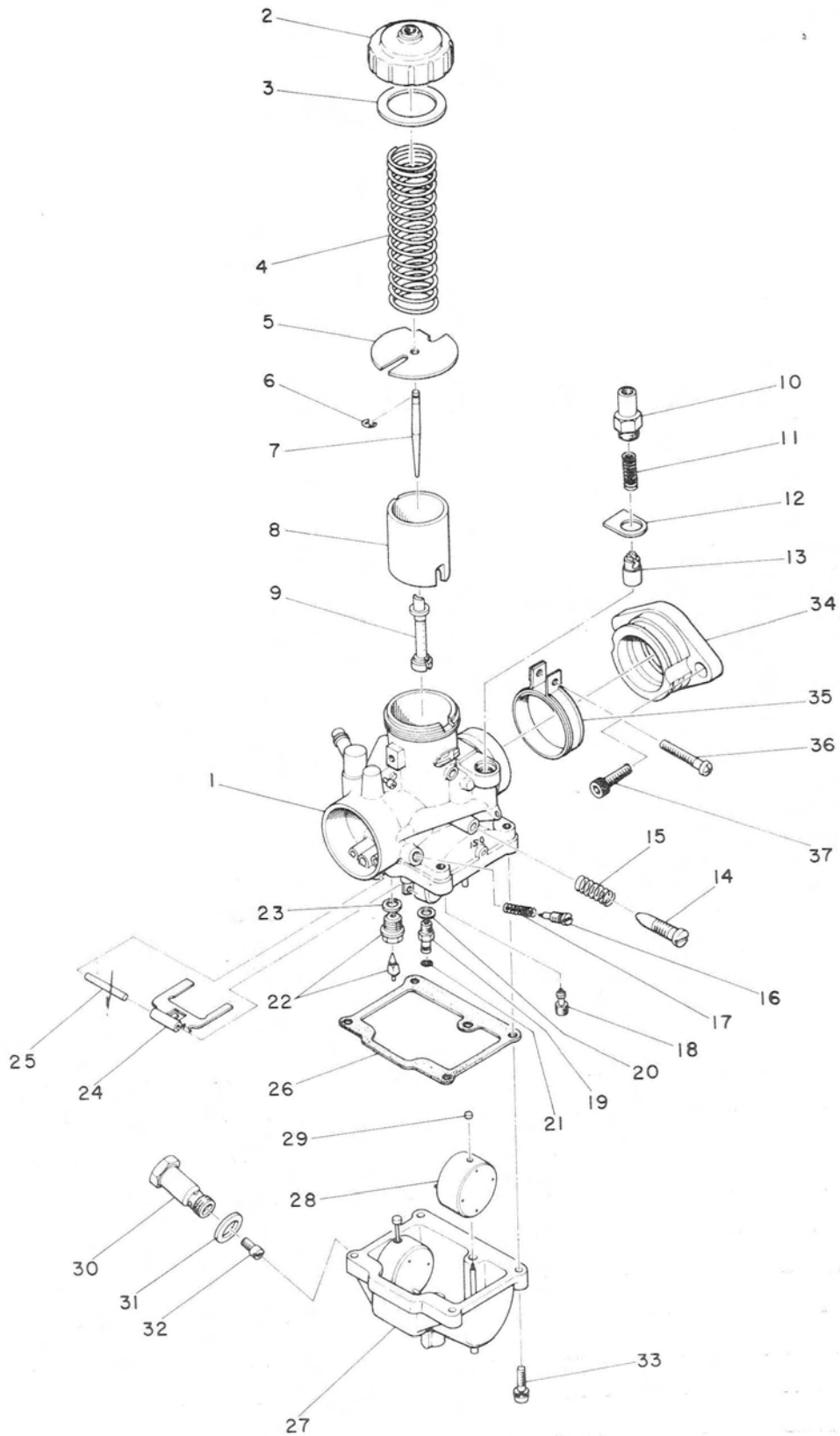
MAGNETO - 500



CARBURETOR – 250. 340

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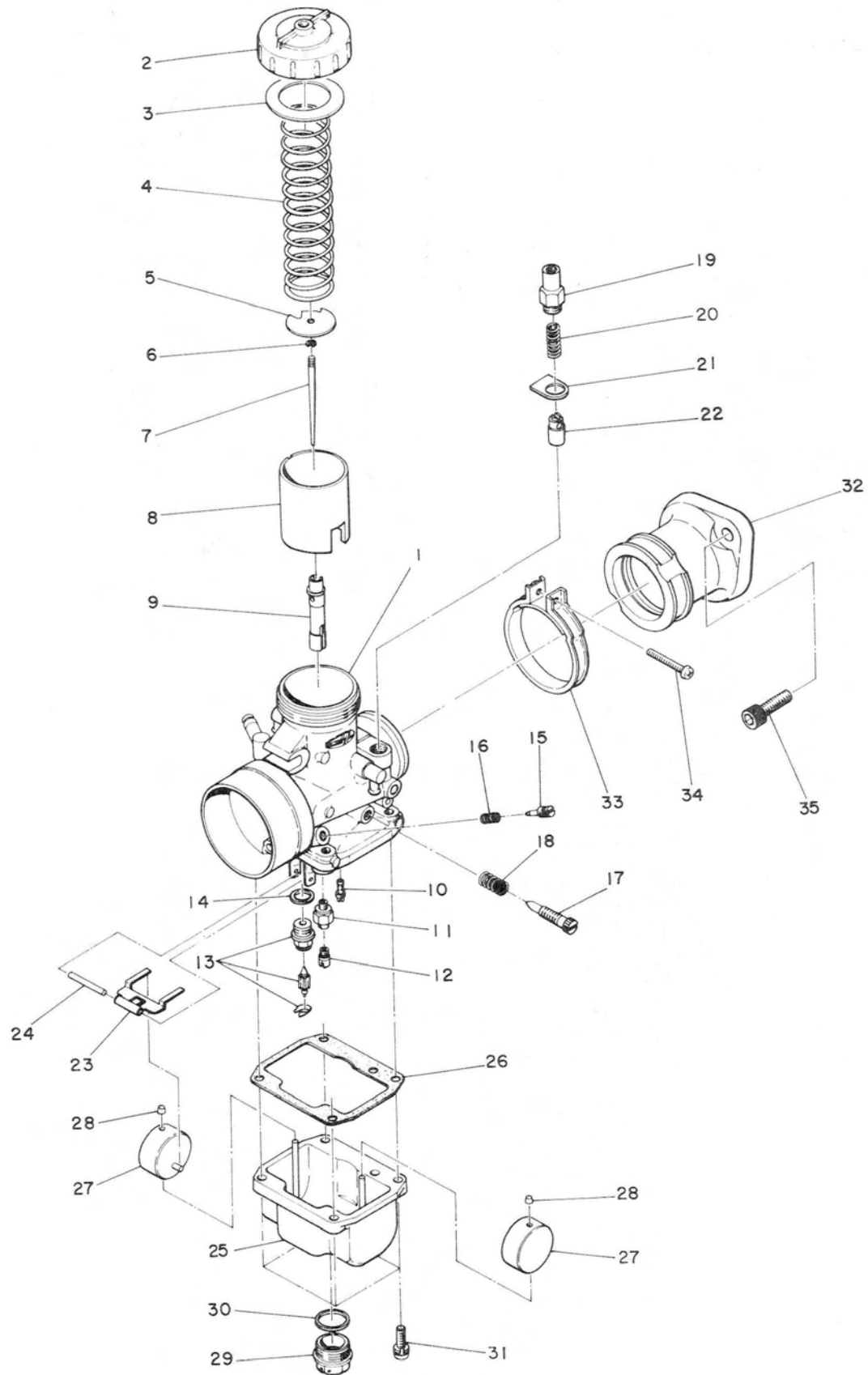
CARBURETOR – 250, 340



CARBURETOR – 440

[illegible]

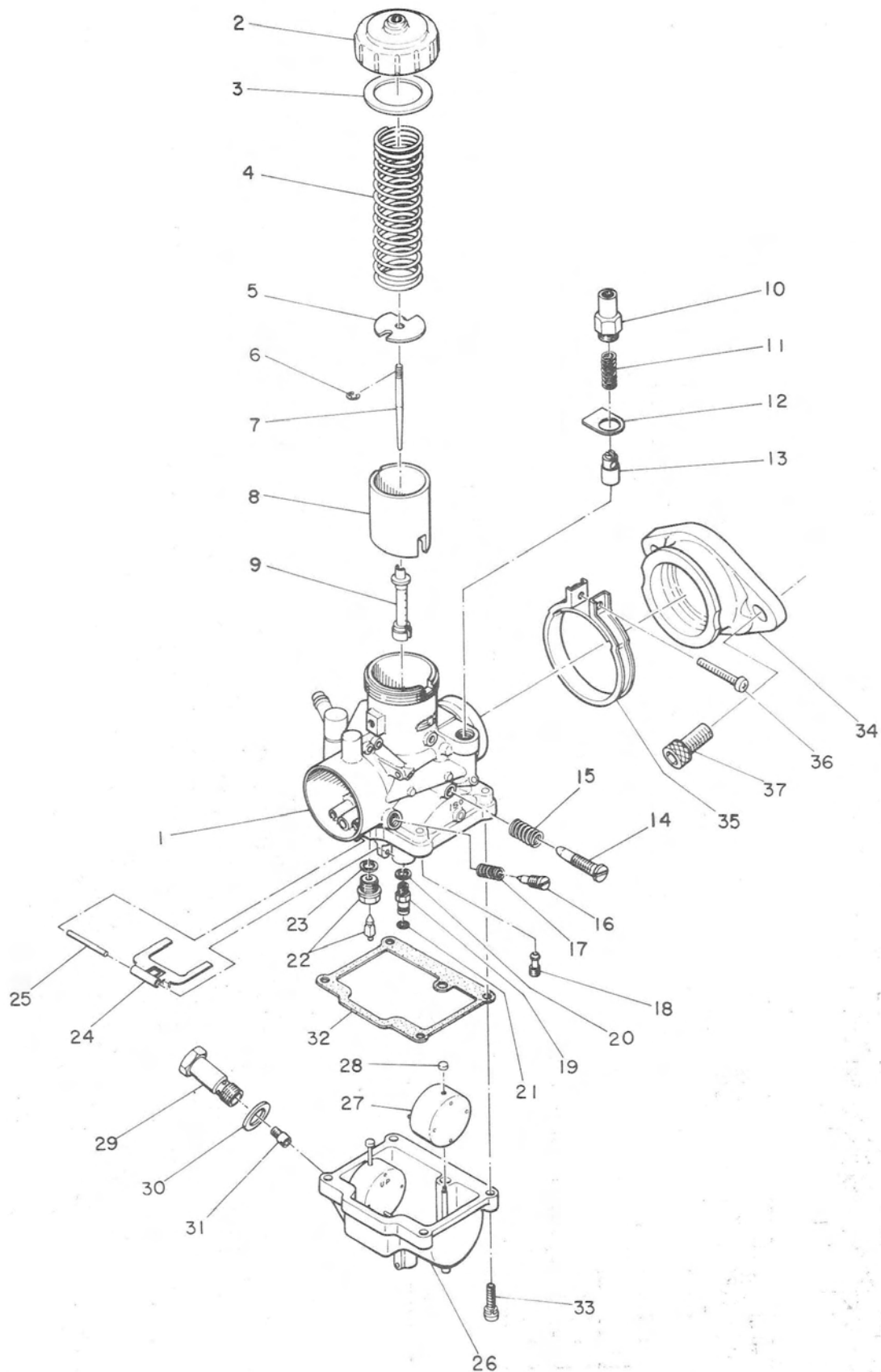
CARBURETOR - 440



CARBURETOR – 500

[illegible]

CARBURETOR - 500



OPTIONAL MAIN AND PILOT JETS – ALL ENGINES

MAIN JET NO.	PART NO.	MAIN JET NO.	PART NO.
90	3080992	135	3081426
95	3080993	137.5	3081910
100	3080862	140	3081291
102.5	3081617	145	3081120
105	3081118	150	3081616
107.5	3081289		
110	3080864	PILOT JET NO.	PART NO.
112.5	3081911	25	3082253
115	3081119	30	3080631
117.5	3081290	35	3080632
120	3080866	40	3081673
122.5	3081908	45	3081672
125	3081319	50	3081671
127.5	3081584		
130	3080868		
132.5	3081909		

.020 OVERSIZE PISTON AND RING CHART TO FIT ALL ENGINES AS DESIGNATED BELOW

Part Number	Description	Engine													
		PM 175	PS 244	PM 294	PF 294	PS 294	PM 335	PF 335	PS 335	PM 398	PS 398	PS 432	PF 530	PM 530	
3081721	Piston	X													
3081722	Ring	X					X	X							
3081723	Ring									X					
3081724	Ring		X												
3081725	Piston									X					
3081726	Piston			X	X										
3081727	Ring			X	X										
3081728	Ring					X									
3081729	Ring								X						
3081730	Piston						X	X							
3081731	Piston												X		
3081732	Piston		X												
3081733	Ring												X		
3081734	Piston					X									
3081735	Piston								X						
3081736	Ring					X									
3081737	Ring								X						
3081738	Piston													X	
3081739	Ring											X			
3081740	Ring													X	
3081741	Ring													X	
3081742	Piston										X				
3081743	Piston											X			
3081744	Ring										X				
3081745	Ring										X				
3081746	Ring											X			

1975 POLARIS ACCESSORIES

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
2870231	Polaris Spray Paint - White (case of twelve - 12 oz cans)	2870267	Polaris Electric Start Kit (includes battery) - 1974 Custom II & 1974 - 1975 Electra 398cc & 530cc
2870232	Polaris Spray Paint - '73 - '74 - Blue (case of twelve - 12 oz. cans)	2870270	Polaris Snowmobile Cover 1974 - 1975 Colt Standard
2870281	Polaris Spray Paint - 1975 Blue (case of twelve - 12 oz. cans)	2870280	Polaris Snowmobile Cover 1974 - 1975 Colt SS
2870259	Polaris Aluminum Primer - All TX Models (13 oz. cans)	2870271	Polaris Snowmobile Cover 1974 - 1975 TX
2870256	Polaris Paint - '73 - '74 - Blue (Quart cans)	2870272	Polaris Snowmobile Cover 1974 Electra, Custom II 1975 Electra
2870292	Polaris Paint - 1975 Blue (Quart cans)	2870291	Polaris Snowmobile Cover 1975 TC
2870251	Polaris Silicone Brake Fluid (12 oz. cans)	2870185	Reflector Decal Kit - Two, 16 sq. in. pieces
2870118	Polaris Chrome Shock Absorber Ski Kit - All Models 1970 - 1975	2511081	Polaris Gas Gauge w/Cap 1972, 1973 & 1974 Colt Series
1820156	Polaris Chrome Ski All Models 1970 - 1975	2511088	Polaris Gas Gauge w/Cap 1972 - 1973 Charger, Custom & Mustang
1820167	Aluminum Ski Weldment	2511103	Polaris Gas Gauge w/Cap 1974 Custom II & 1974 - 1975 Electra
2870183	Polaris Fuel Filter - With replaceable element	2511109	Polaris Gas Gauge w/Cap 1975 Colt
2870263	Polaris Speedometer Kit - 1974 - 1975 Colt Series	5430263	Polaris High Windshield 1973 TX Series
2870264	Polaris Speedometer Kit - 1974 Custom II & 1974 - 1975 Electra	5430299	Polaris High Windshield 1974 - 1975 - All Models (Option for Colt SS & TX Models)
2870286	Polaris Tachometer Kit 1975 Electra & Colt Series	5430393	Polaris Low Smoke Windshield 1975 - All Models except TC
2870198	Polaris Tow Hitch - 1972 - 1973 Charger, Custom & Mustang	2870177	Polaris Rear Bumper 1973 Colt Series
2870178	Polaris Tow Hitch - 1972 - 1973 Colt Series	2870186	Polaris Snowmobile Compass
2870269	Polaris Tow Hitch - 1974 - 1975 Colt Series	2870297	Carbide Skag
2870277	Polaris Tow Hitch - 1974 Custom II & 1974 - 1975 Electra Series	2870298	Ski-Spreader
2870284	Polaris Tow Hitch - 1974 - 1975 TX Series	2870299	Protector-Ski Toe
2870303	Cyl. Hone	2870306	Large Roughing Stone
2870304	Std. Roughing Stone	2870307	Large Finishing Stone
2870305	Std. Finishing Stone	7060101	Heavy Duty Tie Rod End

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