



1978
Polaris
Cobra

Parts Manual

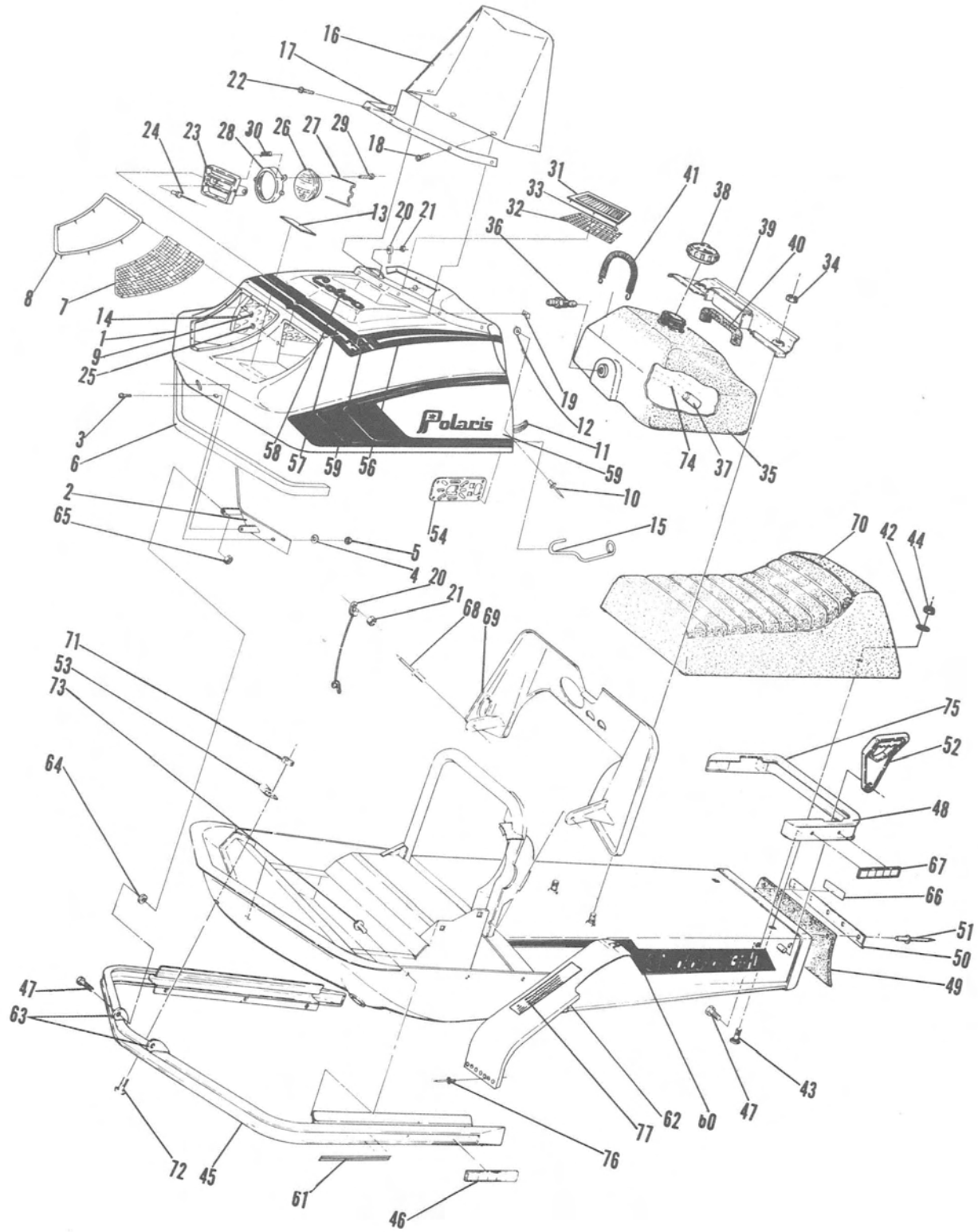
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BODY & TRIM

[illegible]

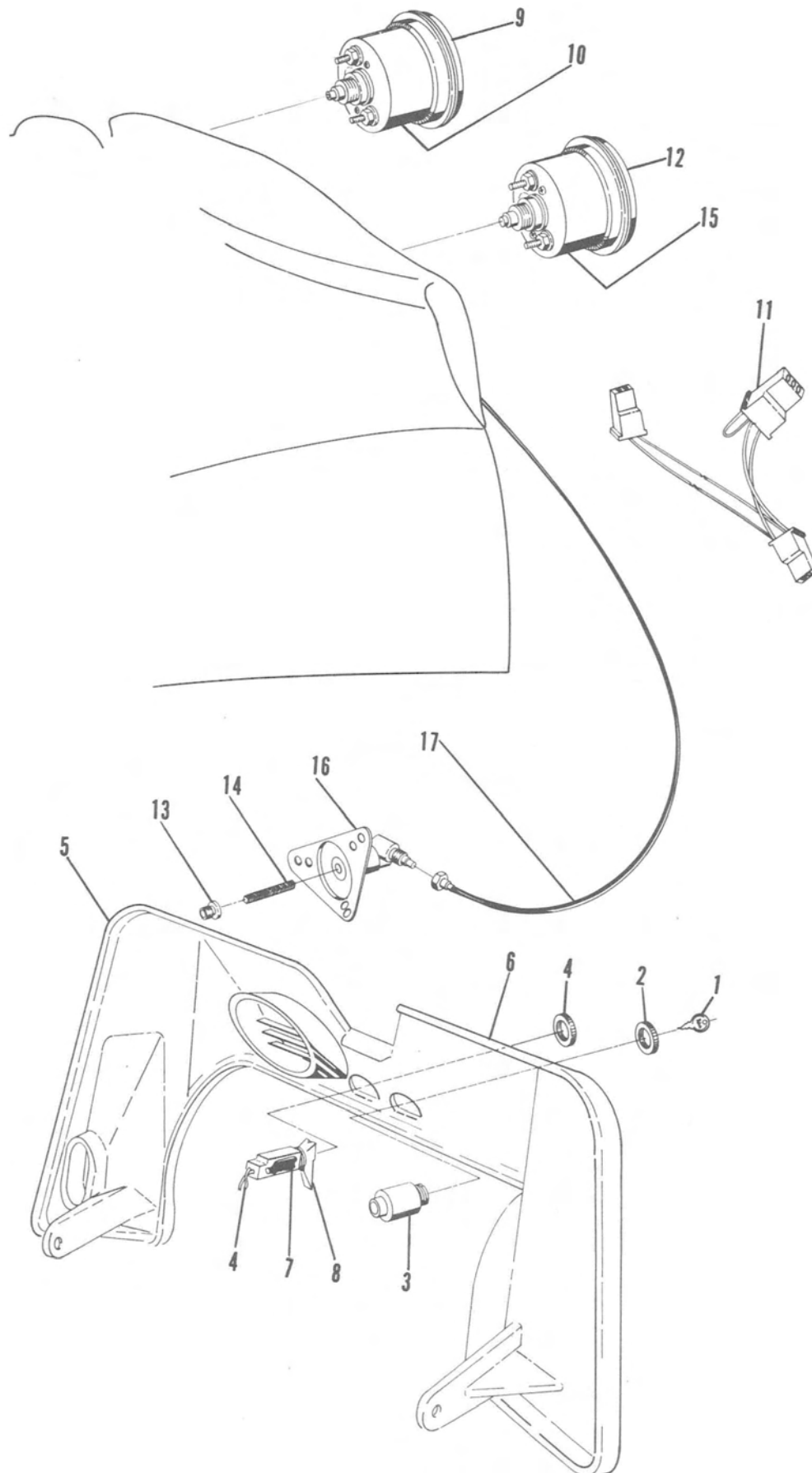
BODY & TRIM



CONSOLE

[illegible]

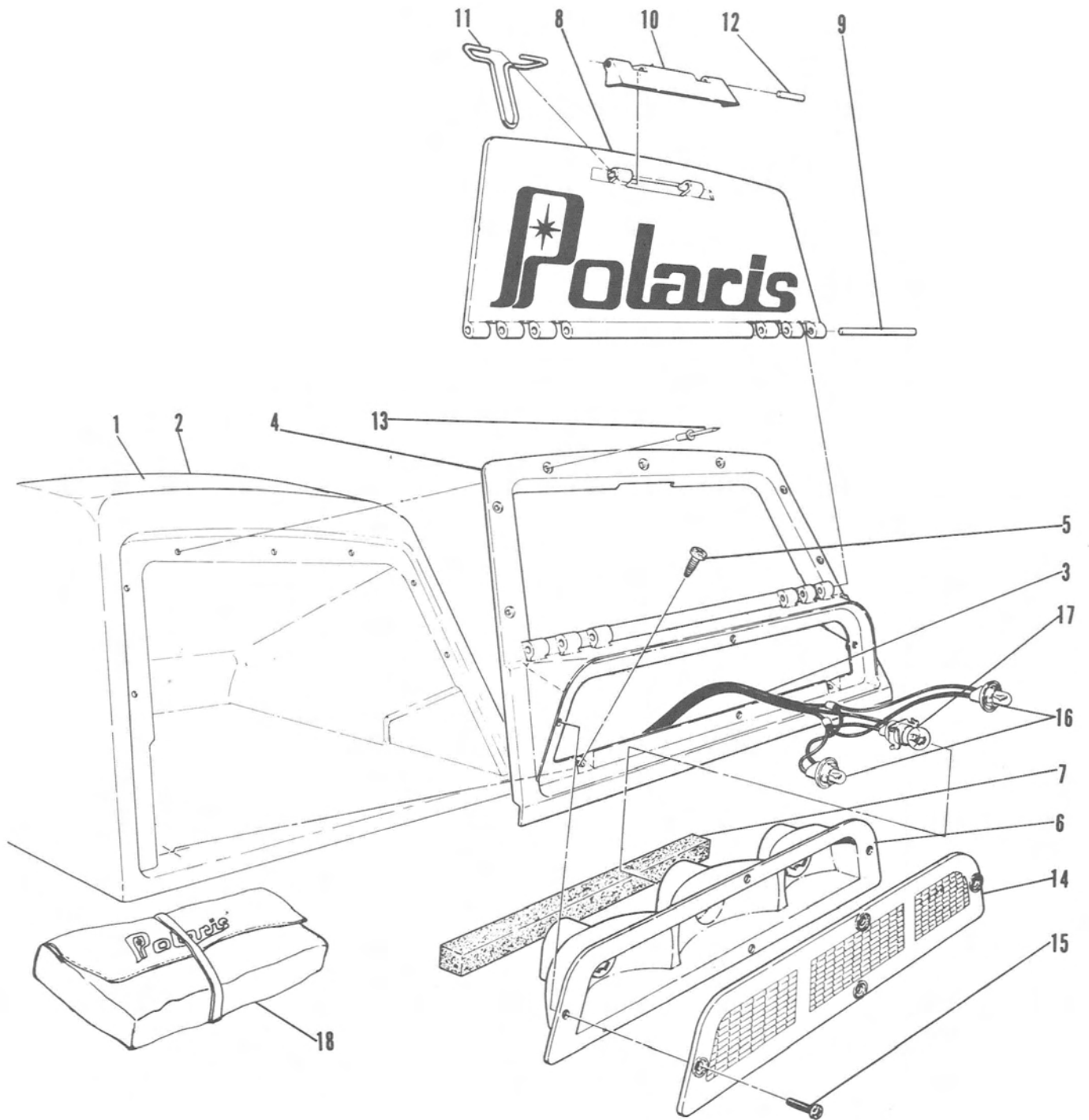
CONSOLE



SEAT ASSEMBLY

[illegible]

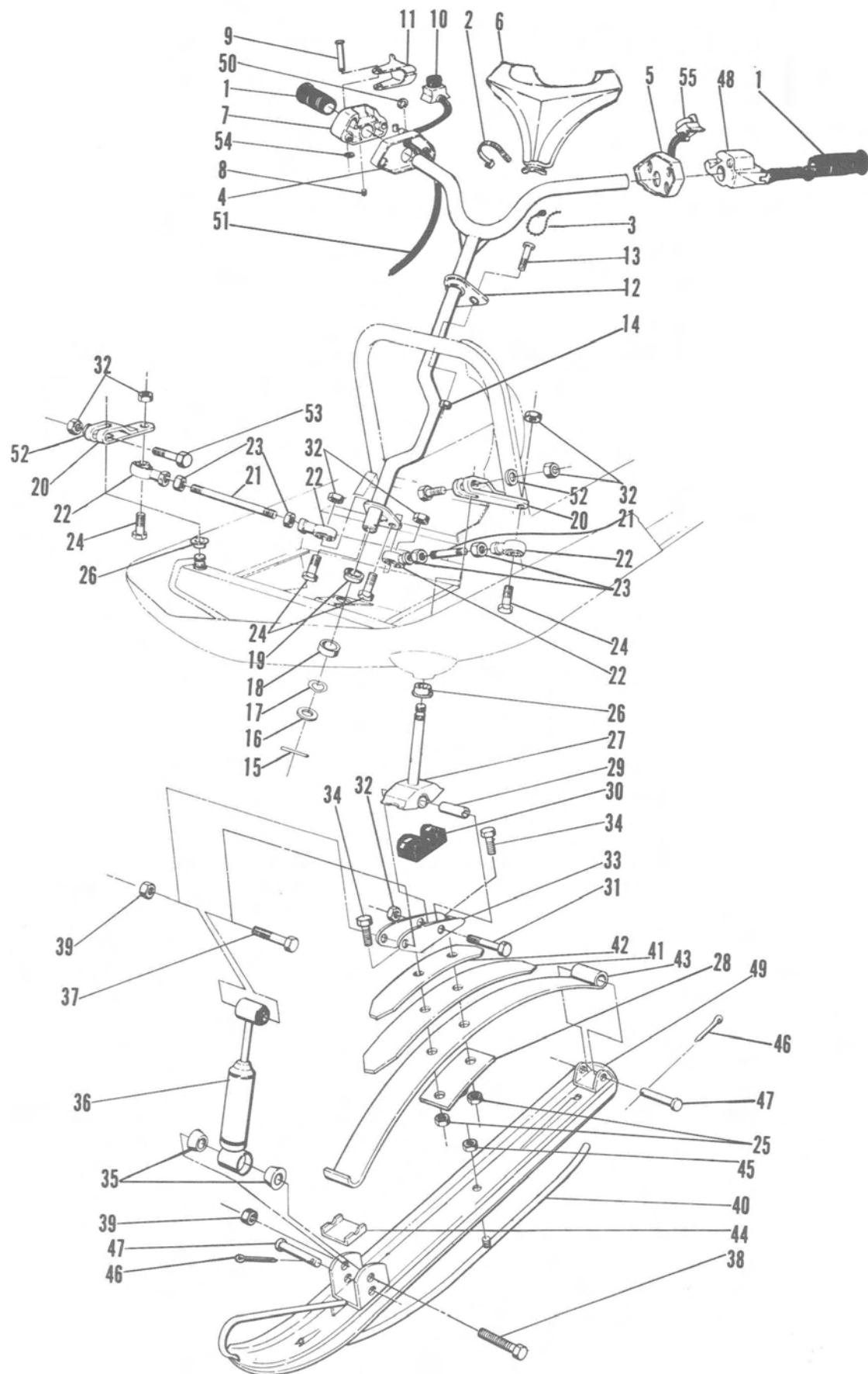
SEAT ASSEMBLY



STEERING ASSEMBLY

[illegible]

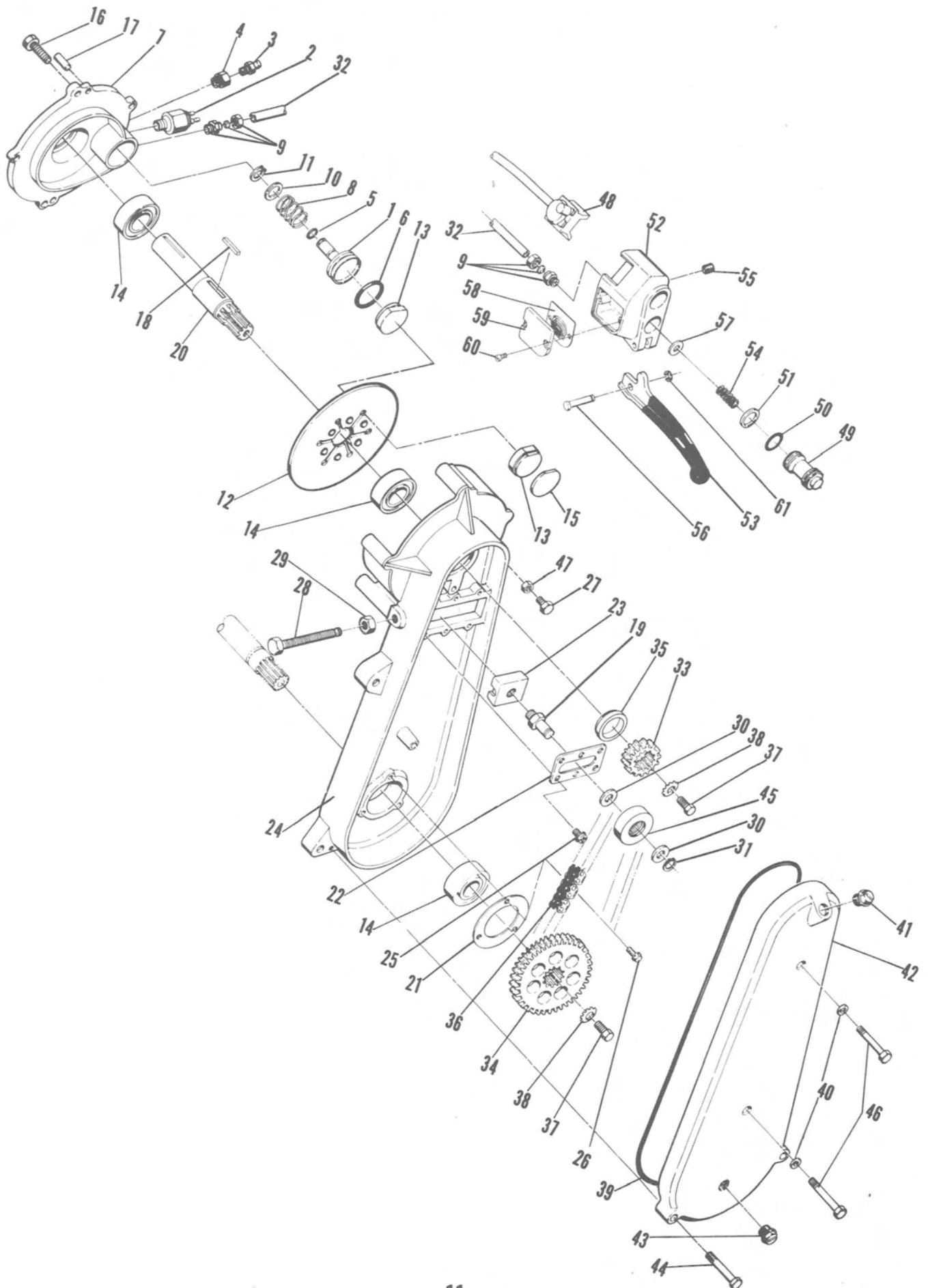
STEERING ASSEMBLY



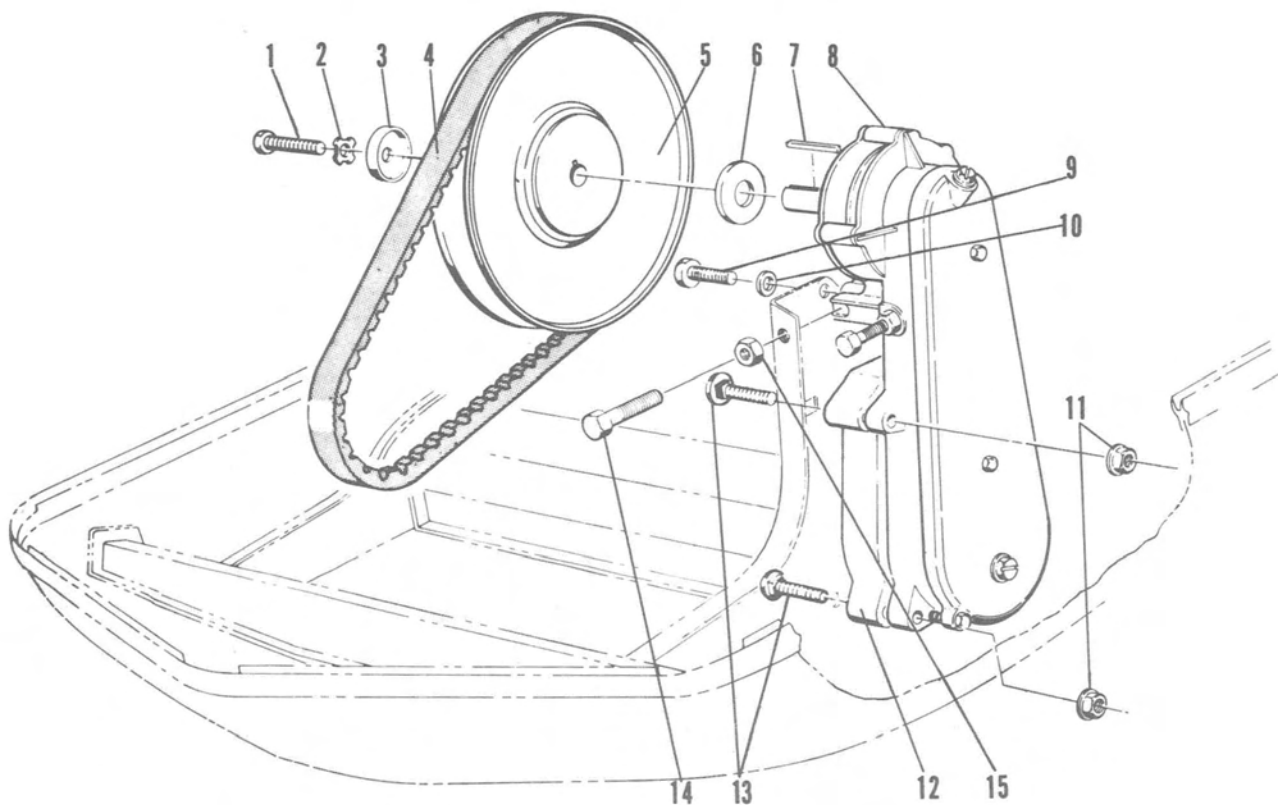
CHAINCASE ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	5020202	Disc Brake Plunger	33	3221031	Sprocket - 15 Tooth - 340
2	4110035	Stop Light Switch		3221033	Sprocket - 17 Tooth - 440
3	5020214	Bleeder Fitting	34	3222039	Sprocket - 33 Tooth - 440
4	5020222	Bleeder Adapter Fitting		3222036	Sprocket - 35 Tooth - 340
5	5410158	'O' Ring	35	5010128	Spacer
6	5410159	'O' Ring	36	3224031	Chain - 88 Pitch - 440 - 340
7	5630039	Rear Chaincase Cover	37	7512325	Bolt
8	7041023	Compression Spring	38	7577901	Shakeproof Washer
9	7052019	Male Connector	39	5410177	Rubber Seal
10	7555813	Washer	40	5410193	'O' Ring
11	7712801	Retaining Ring	41	5430380	Plug - Black (Vented)
12	1332043	Brake Disc	42	5630116	Chaincase Cover
13	1930521	Disc Brake Puck	43	5430484	Plug - Vented
14	3514303	Ball Bearing	44	7512228	Screw
15	5210609	Backup Plate	45	5630123	Idler Wheel
16	7512390	Screw	46	7512243	Screw
17	7661806	Locator Pin	47	5020285	Brake Adj. Nut
18	7721202	Square Key	48	4110025	Hi-Lo Dimmer Switch
19	5020342	Idler Shaft	49	5020319	Piston
20	5020339	Input Shaft	50	5410163	'O' Ring
21	5210121	Retaining Plate	51	5410164	'U' Pack Seal
22	5210116	Retaining Plate	52	5430401	Master Cylinder Housing
23	5610032	Idler Slide	53	5630118	Brake Lever
24	5630115	Chaincase	54	7041067	Compression Spring
25	7511905	Sems Screw	55	7512465	Set Screw
26	7511968	Screw	56	7661615	Semi-Tubular Rivet
27	7512234	Bolt	57	5020318	Slug
28	7512342	Machine Screw	58	5410210	Cover Gasket
29	7542301	Hex Nut	59	5430402	Reservoir Cover
30	7558702	Thrust Washer	60	7511836	Screw
31	7712801	Retaining Ring	61	7710401	Retaining Ring
32	5420120	Brake Line			

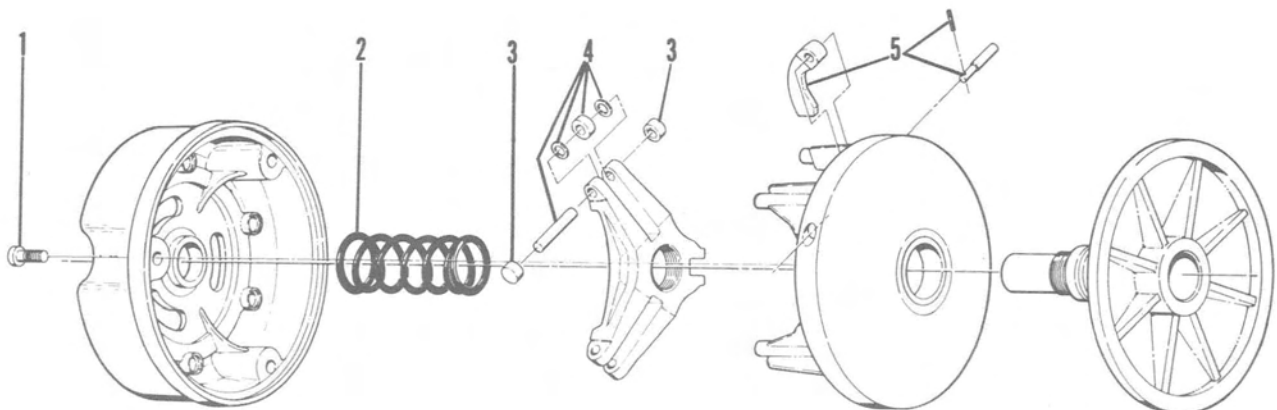
CHAINCASE ASSEMBLY



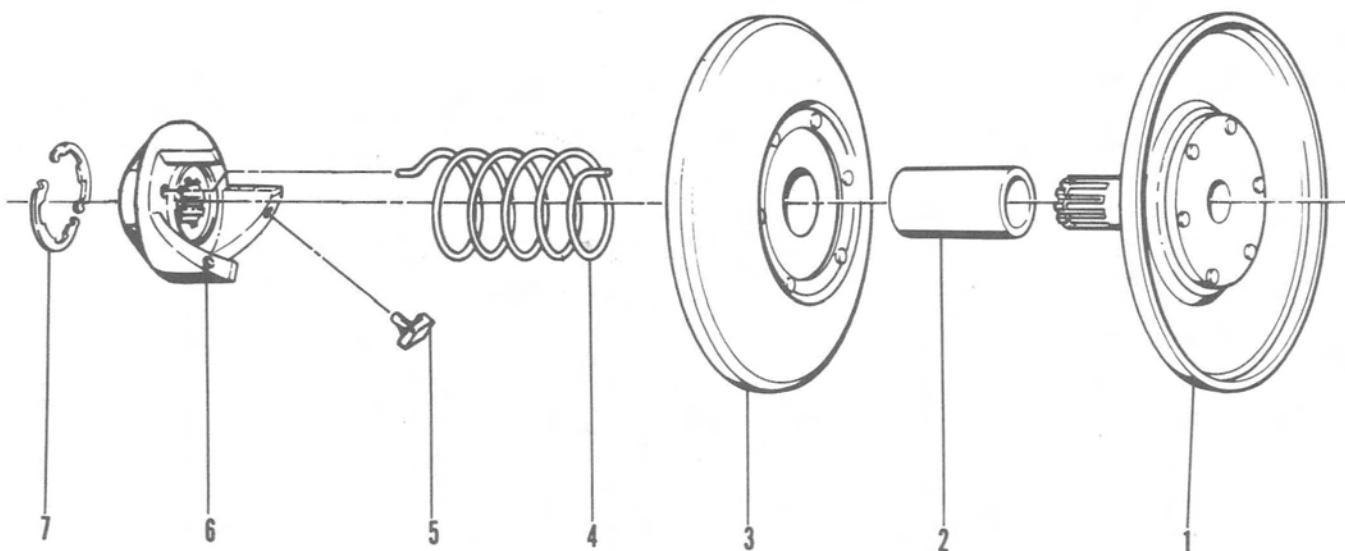
CHAINCASE MOUNTING

[illegible]

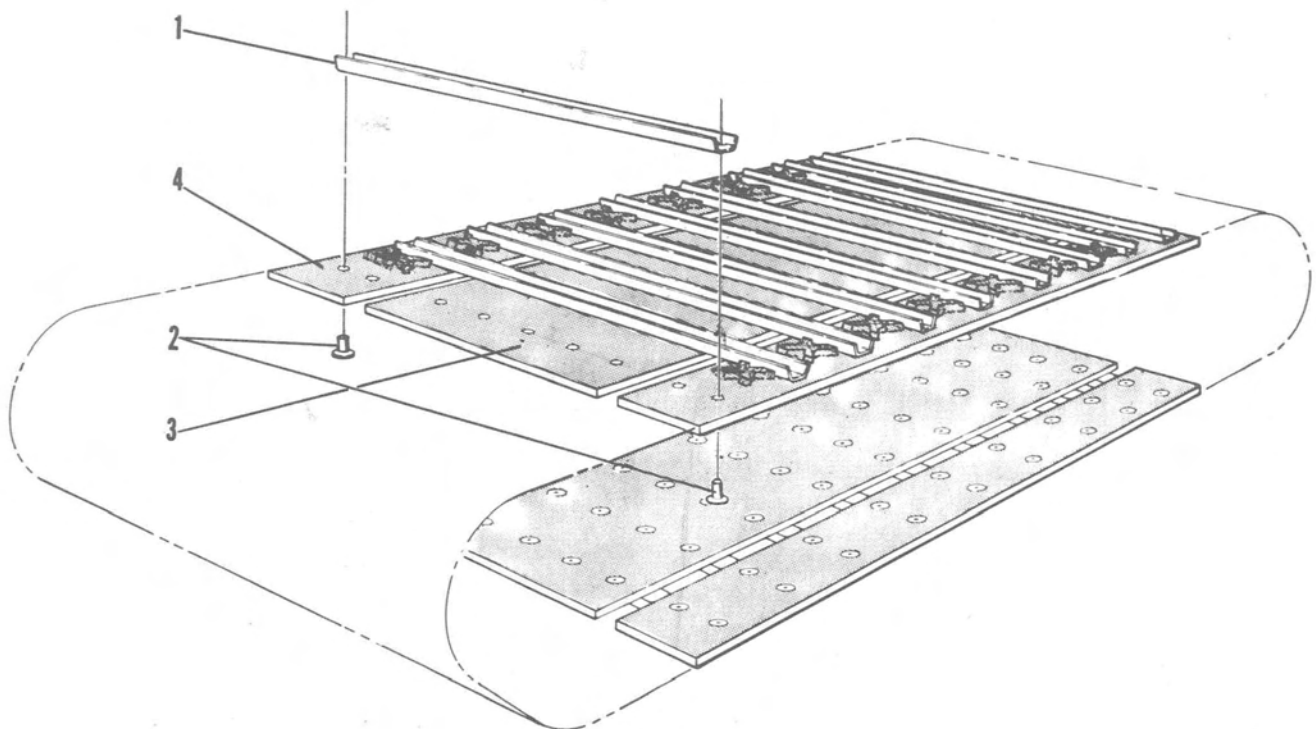
DRIVE CLUTCH

[illegible]

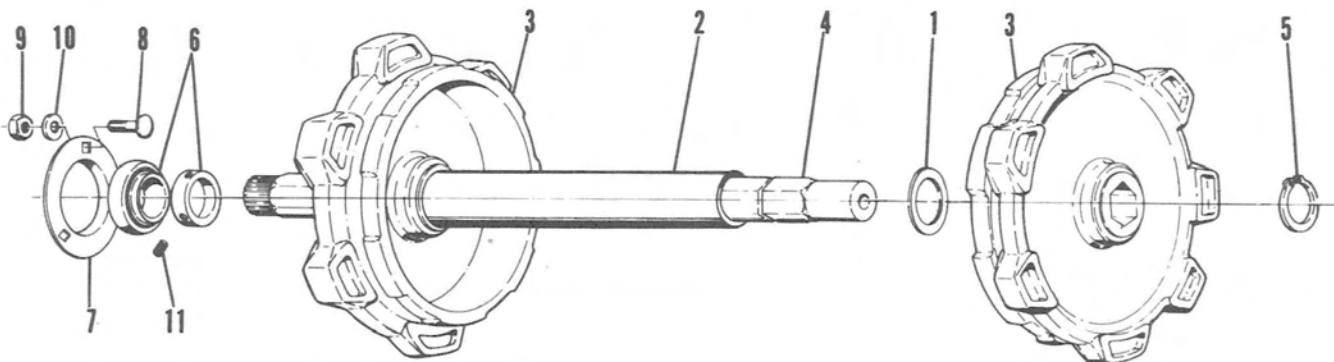
DRIVEN CLUTCH

[illegible]

TRACK ASSEMBLY

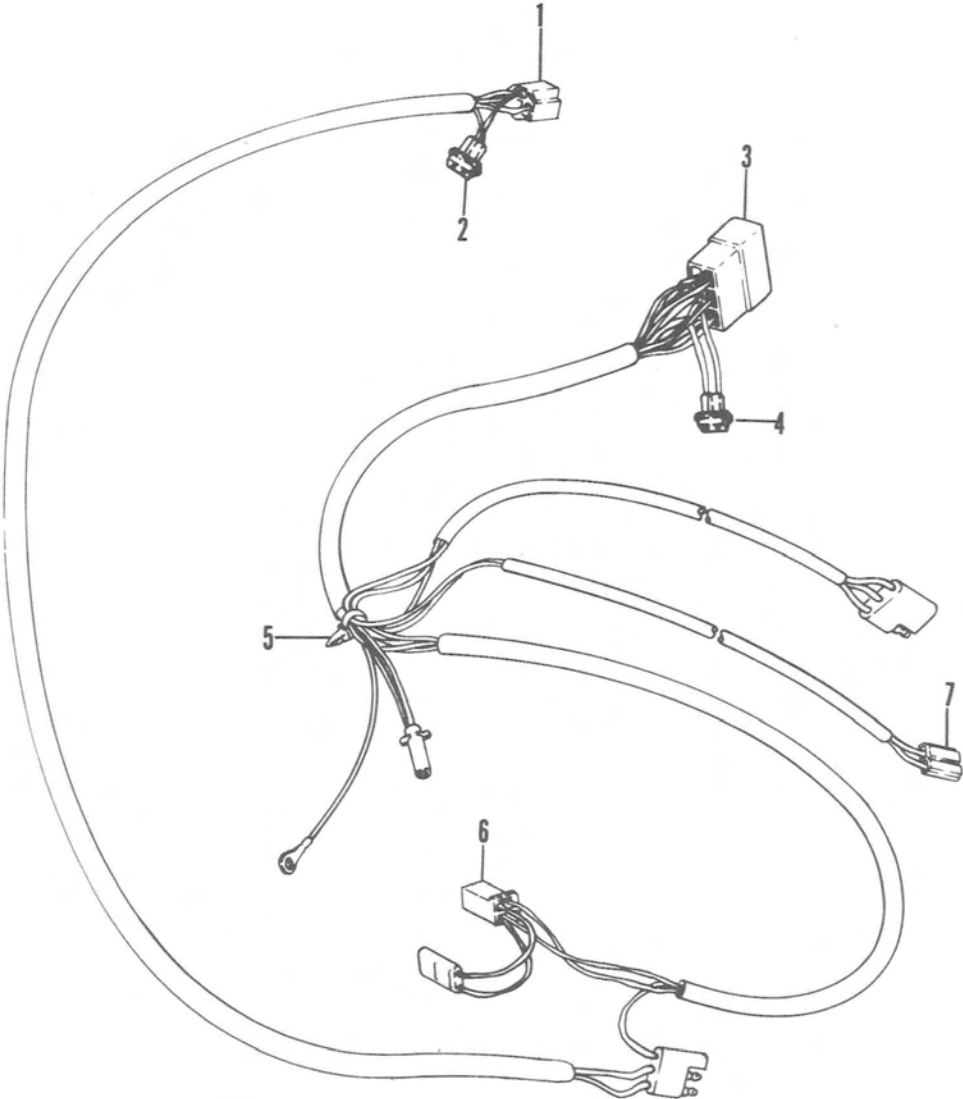
[illegible]

DRIVE SHAFT

[illegible]

MAIN WIRE HARNESS

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	2460189	Main Wire Harness	4	2200156	2 Circuit Housing Kit
1	2200022	Receptacle Housing w/Receptacles	5	7080046	Panduit Strap
2	2200163	2 Circuit Housing Kit	6	2200020	2 Circuit Housing Kit
3	2200074	6 Circuit Tab Housing w/Tabs	7	2200082	Brake Light Connector Kit



SUSPENSION

[illegible]

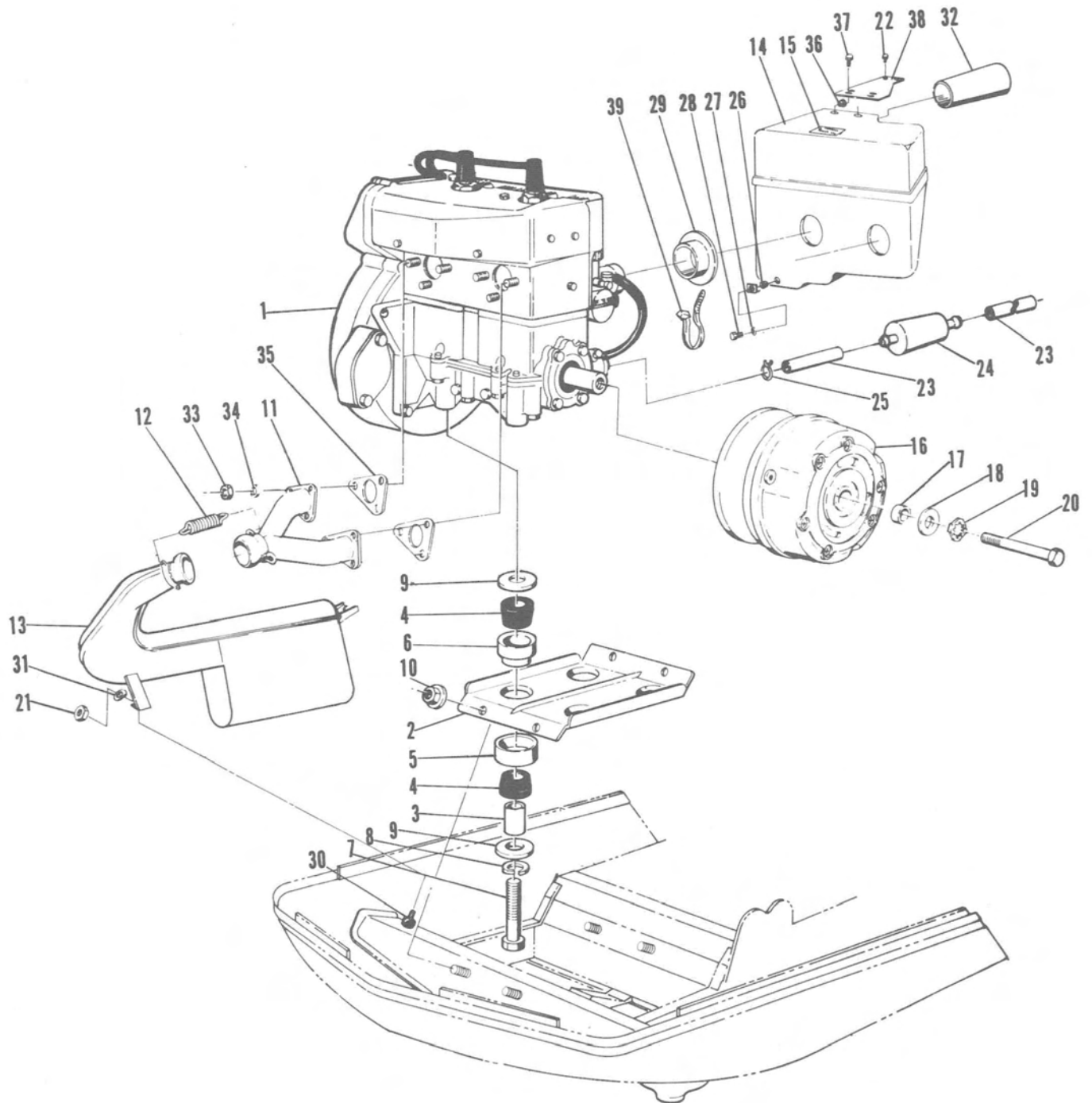
This technical diagram illustrates the exploded view of a vehicle chassis and suspension system. The components are numbered as follows:

- 1**: Main chassis frame.
- 2**: Shock absorber.
- 3**: Lower control arm.
- 4**: Lower control arm bush.
- 5**: Lower control arm pin.
- 6**: Lower control arm pin.
- 7**: Lower control arm pin.
- 8**: Lower control arm pin.
- 9**: Lower control arm pin.
- 10**: Lower control arm pin.
- 11**: Lower control arm pin.
- 12**: Lower control arm pin.
- 13**: Lower control arm pin.
- 14**: Lower control arm pin.
- 15**: Lower control arm pin.
- 16**: Lower control arm pin.
- 17**: Lower control arm pin.
- 18**: Lower control arm pin.
- 19**: Lower control arm pin.
- 20**: Lower control arm pin.
- 21**: Lower control arm pin.
- 22**: Lower control arm pin.
- 23**: Lower control arm pin.
- 24**: Lower control arm pin.
- 25**: Lower control arm pin.
- 26**: Lower control arm pin.
- 27**: Lower control arm pin.
- 28**: Lower control arm pin.
- 29**: Lower control arm pin.
- 30**: Lower control arm pin.
- 31**: Lower control arm pin.
- 32**: Lower control arm pin.
- 33**: Lower control arm pin.

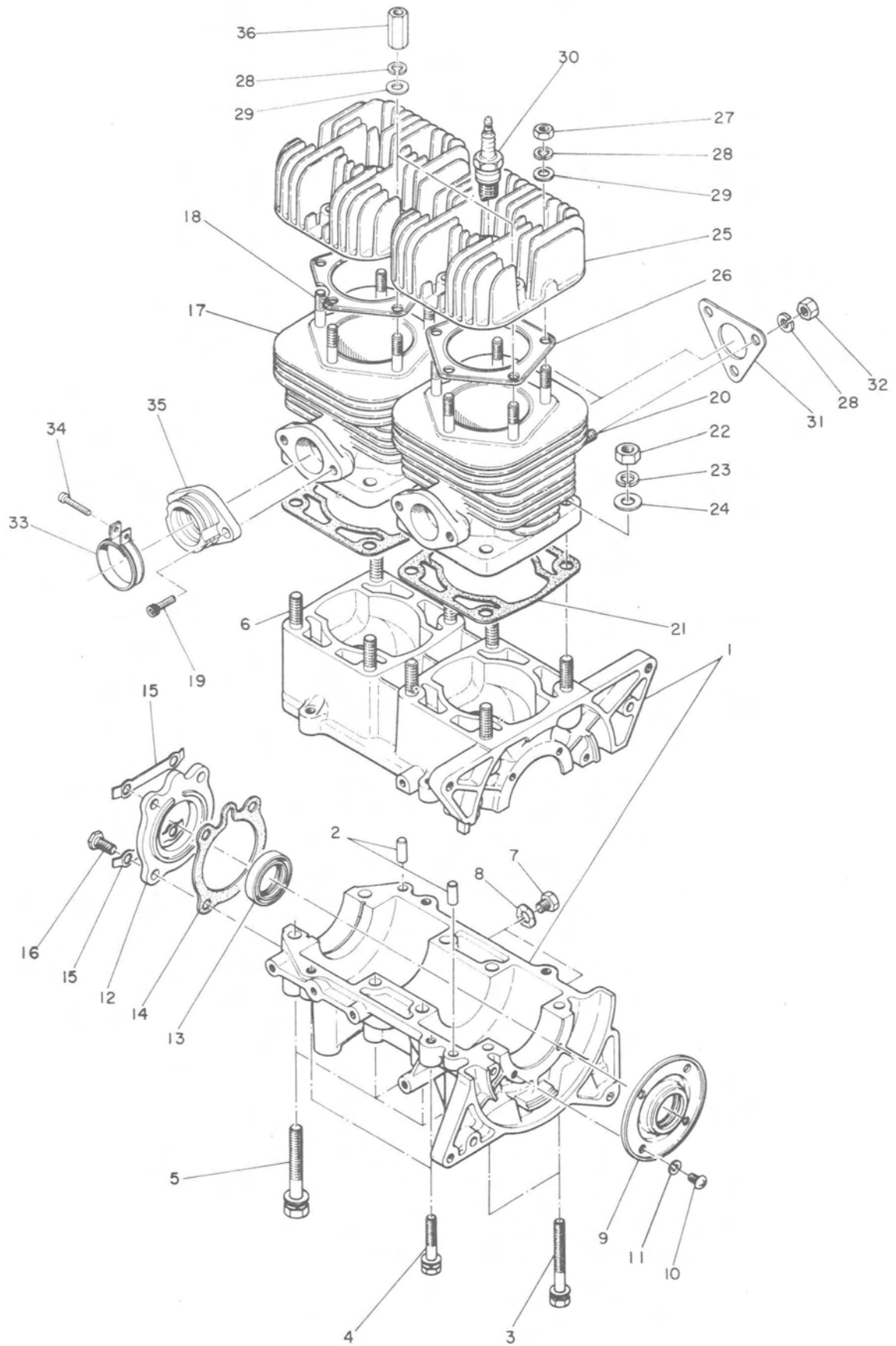
ENGINE MOUNTING – 340, 440

[illegible]

ENGINE MOUNTING — 340, 440



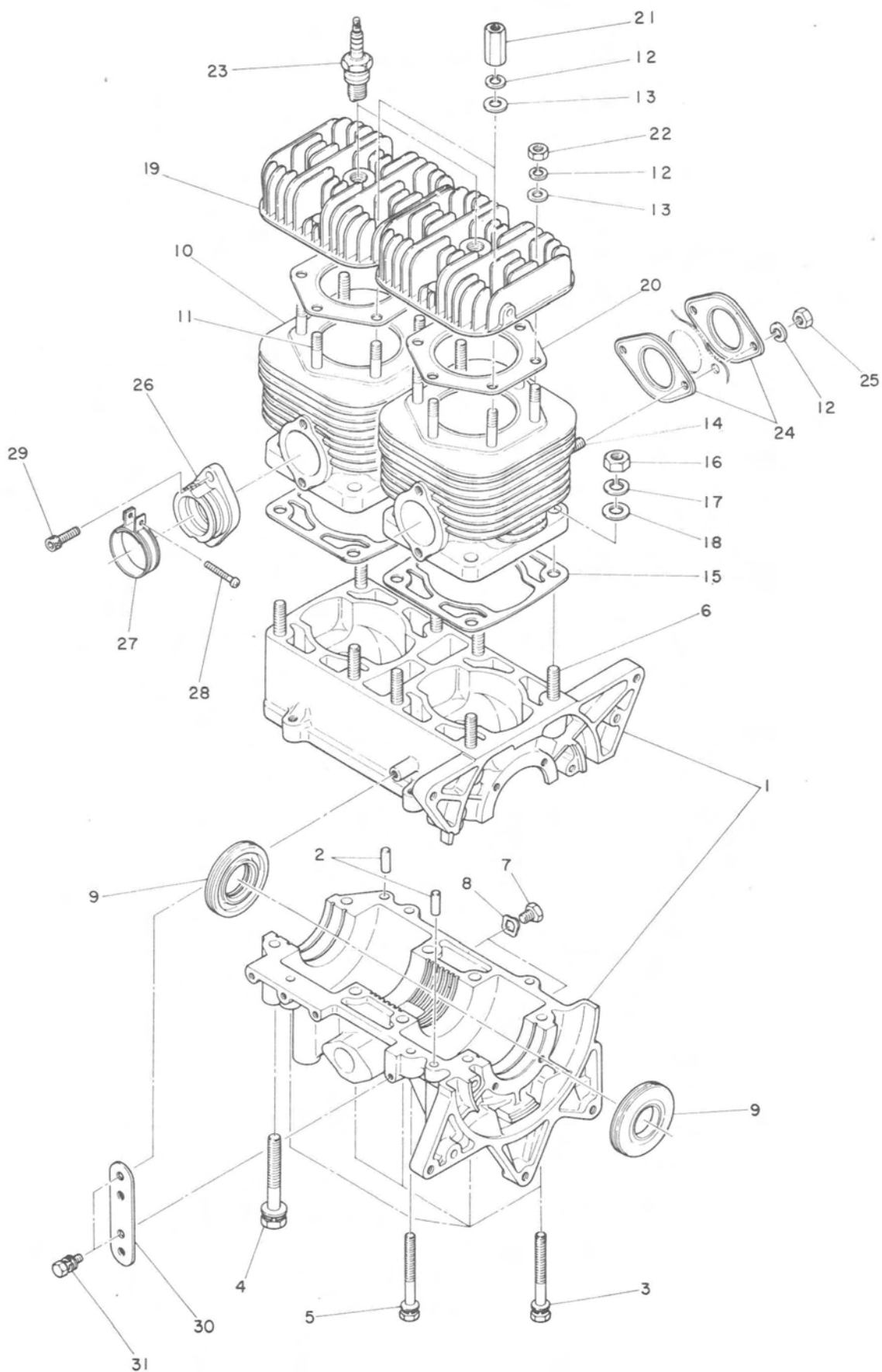
CRANKCASE & CYLINDER — 340



CRANKCASE & CYLINDER – 440

[illegible]

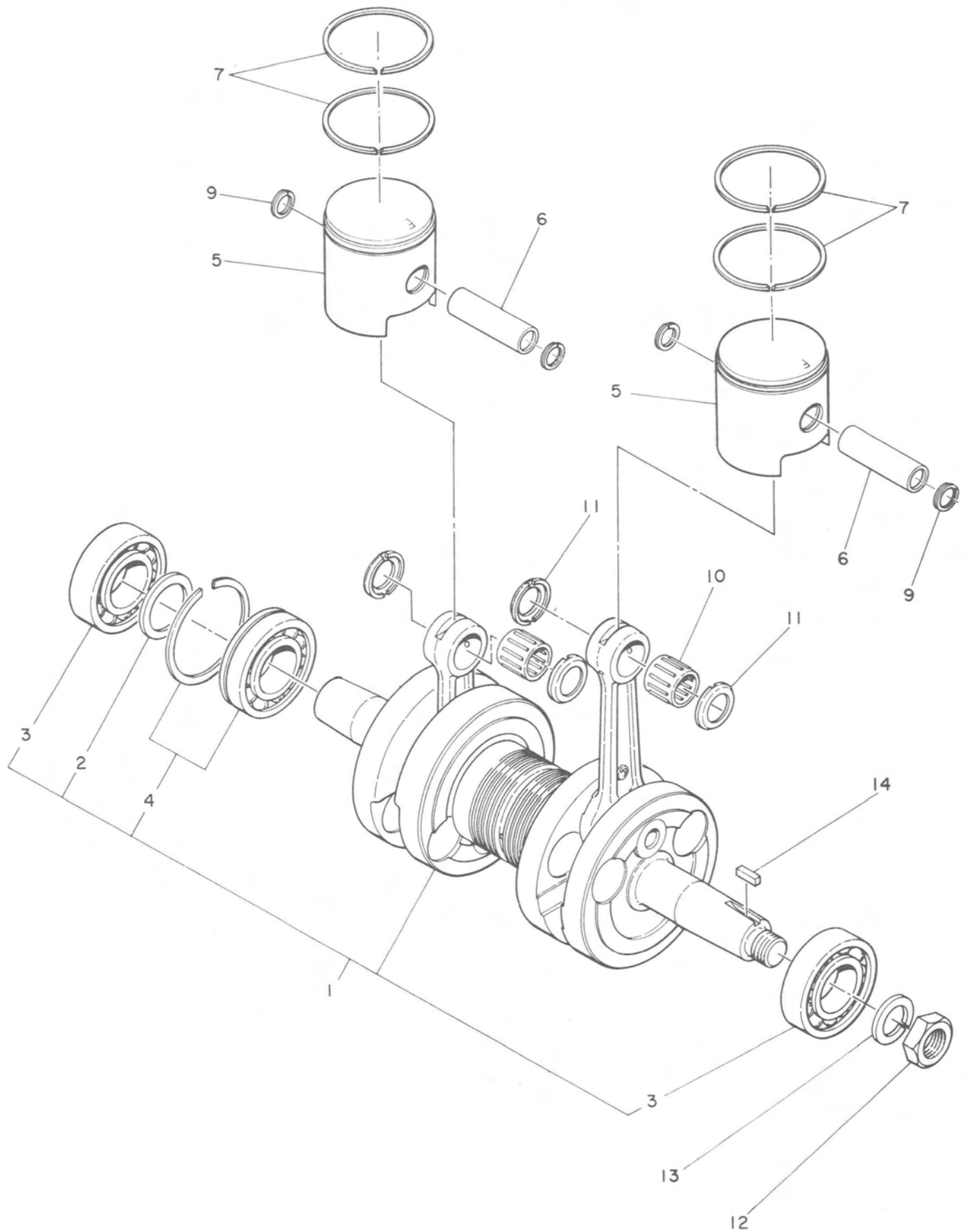
CRANKCASE & CYLINDER - 440



CRANKSHAFT & PISTON – 340

[illegible]

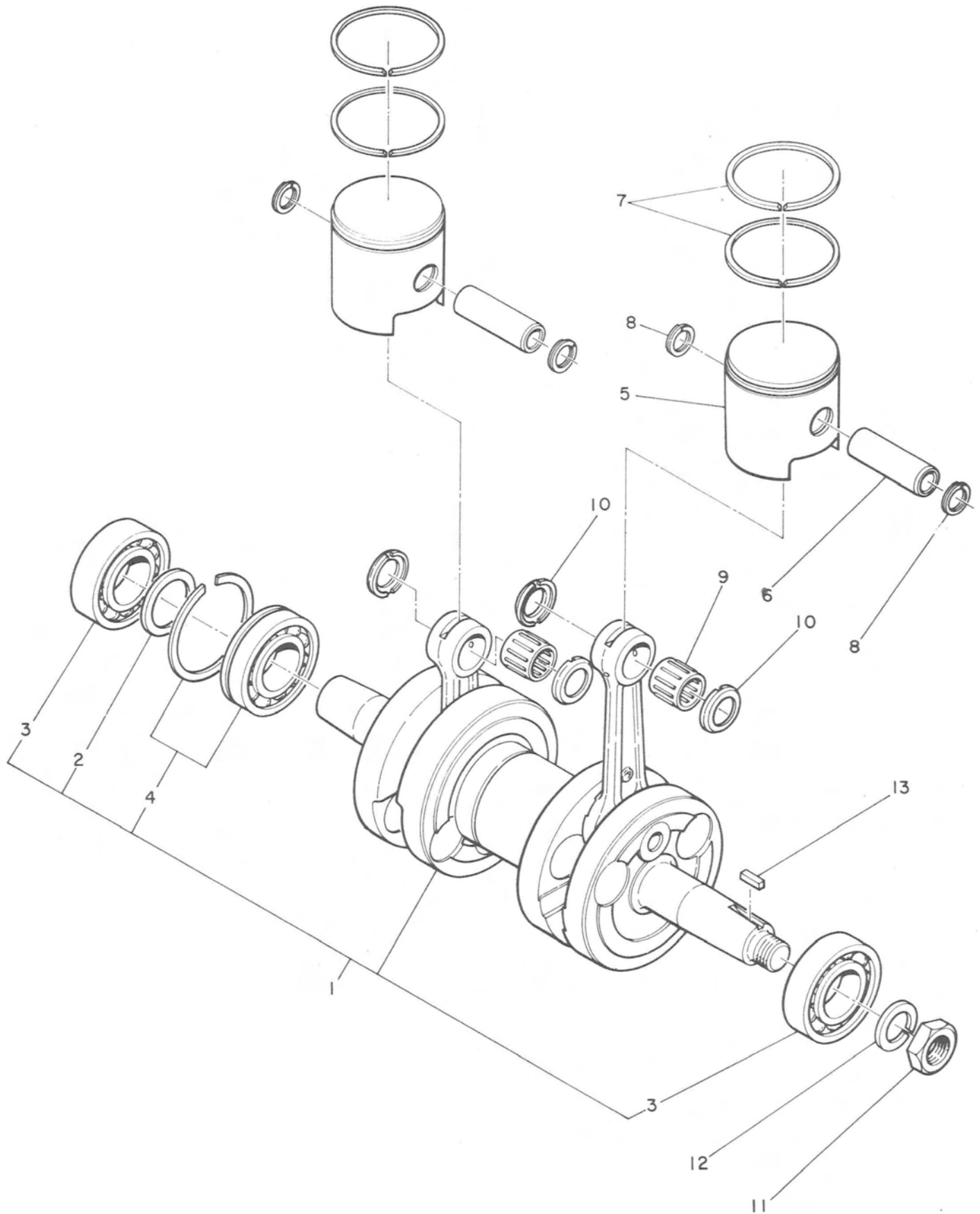
CRANKSHAFT & PISTON — 340



CRANKSHAFT & PISTON – 440

[illegible]

CRANKSHAFT & PISTON — 440

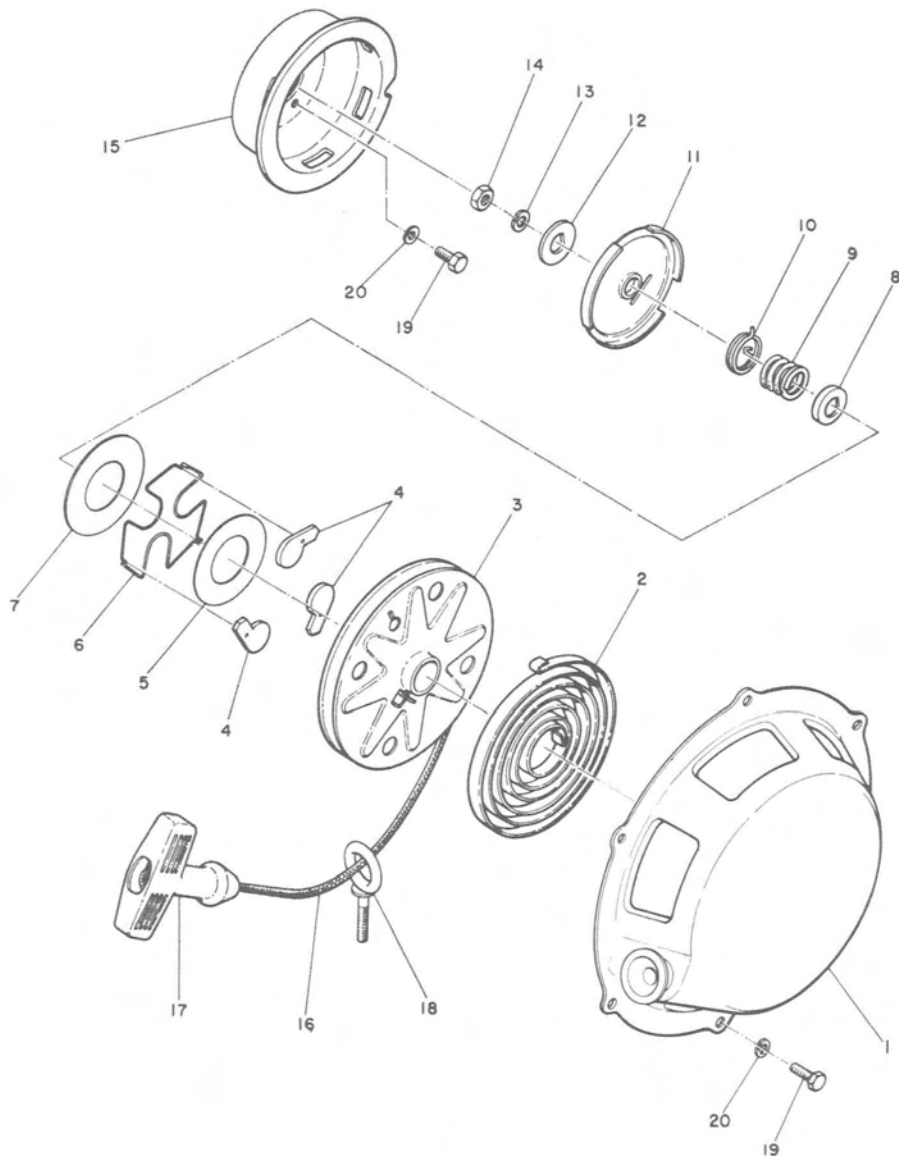


**.020 OVERSIZE PISTON AND RING CHART
TO FIT ALL ENGINES AS DESIGNATED BELOW**

Part Number	Description	Engine																	
		PT, PC 250	PM 175	PS 244	PM 250	PM 294	PF 294	PS 294	PM 335	PF 335	PS 335	PM 340	PL 340	PM 398	PS 398	PS 432	PM 440	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			
3082273	Piston	X																	
3082274	Top Ring	X																	
3082275	Second Ring	X																	
3082701	Piston				X														
3082702	Ring				X														
3082703	Piston											X							
3082704	Ring											X							
3082705	Piston												X						
3082706	Ring												X						
3082845	Piston																X		
3082846	Ring																X		

RECOIL STARTER — 340, 440

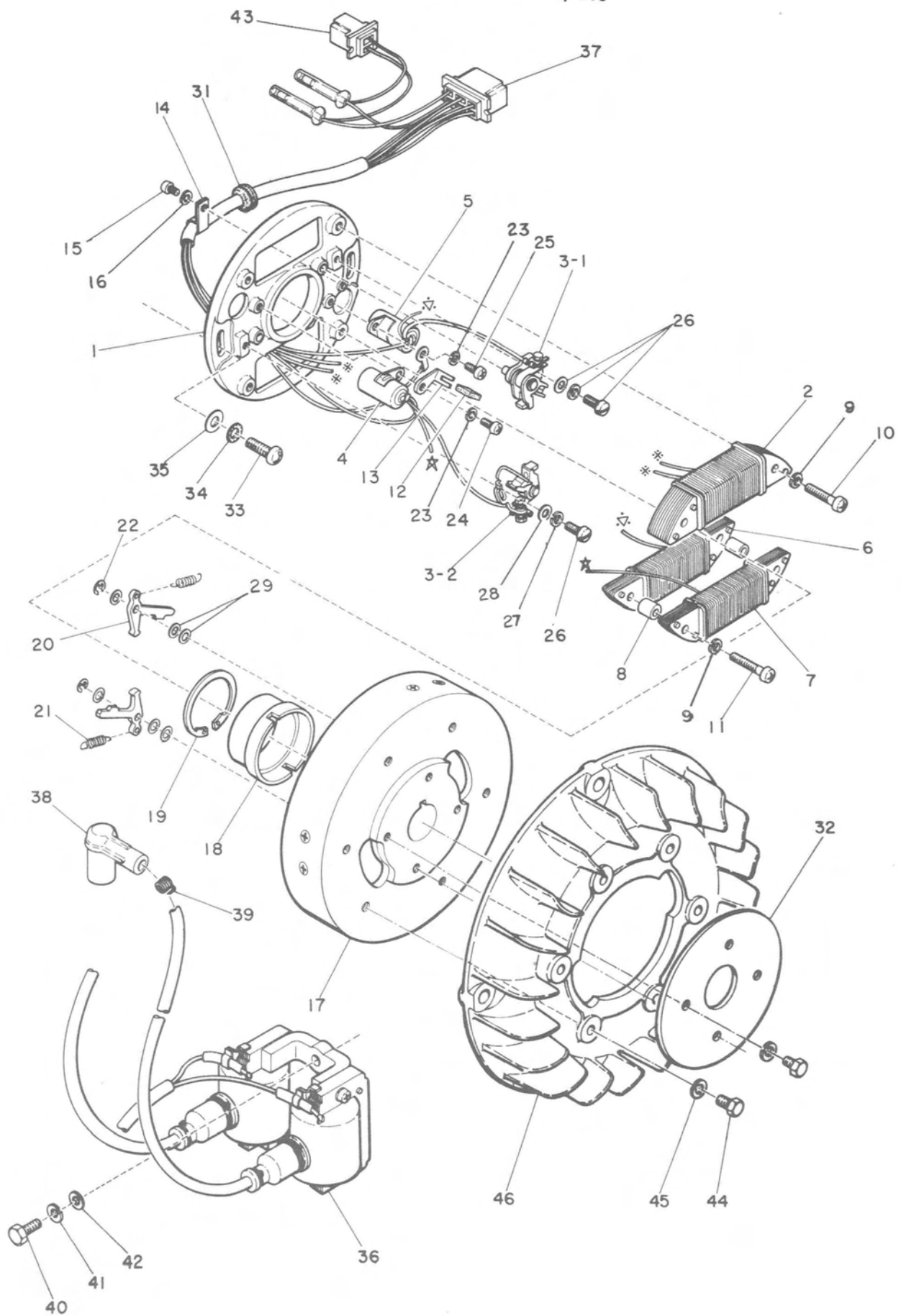
ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	3082834	Recoil Starter - 440	11	3082605	Friction Plate
	3082617	Recoil Starter - 340	12	3081240	Washer B
1	3082618	Starter Case	13	3081087	Spring Washer
2	3082415	Power Spring	14	3081086	Nut
3	3082488	Reel	15	3082619	Starting Pulley - 440
4	3082318	Ratchet		3082643	Starting Pulley - 340
5	3082489	Slide Plate B	16	3082835	Starter Rope - 440
6	3082319	Return Spring B		3082669	Starter Rope - 340
7	3082490	Slide Plate	17	3081578	Starter Knob
8	3082320	Washer A	18	7080072	Eye Bolt
9	3081942	Friction Spring	19	3080146	Bolt
10	3082118	Return Spring	20	3080077	Spring Washer



MAGNETO — 340,440

[illegible]

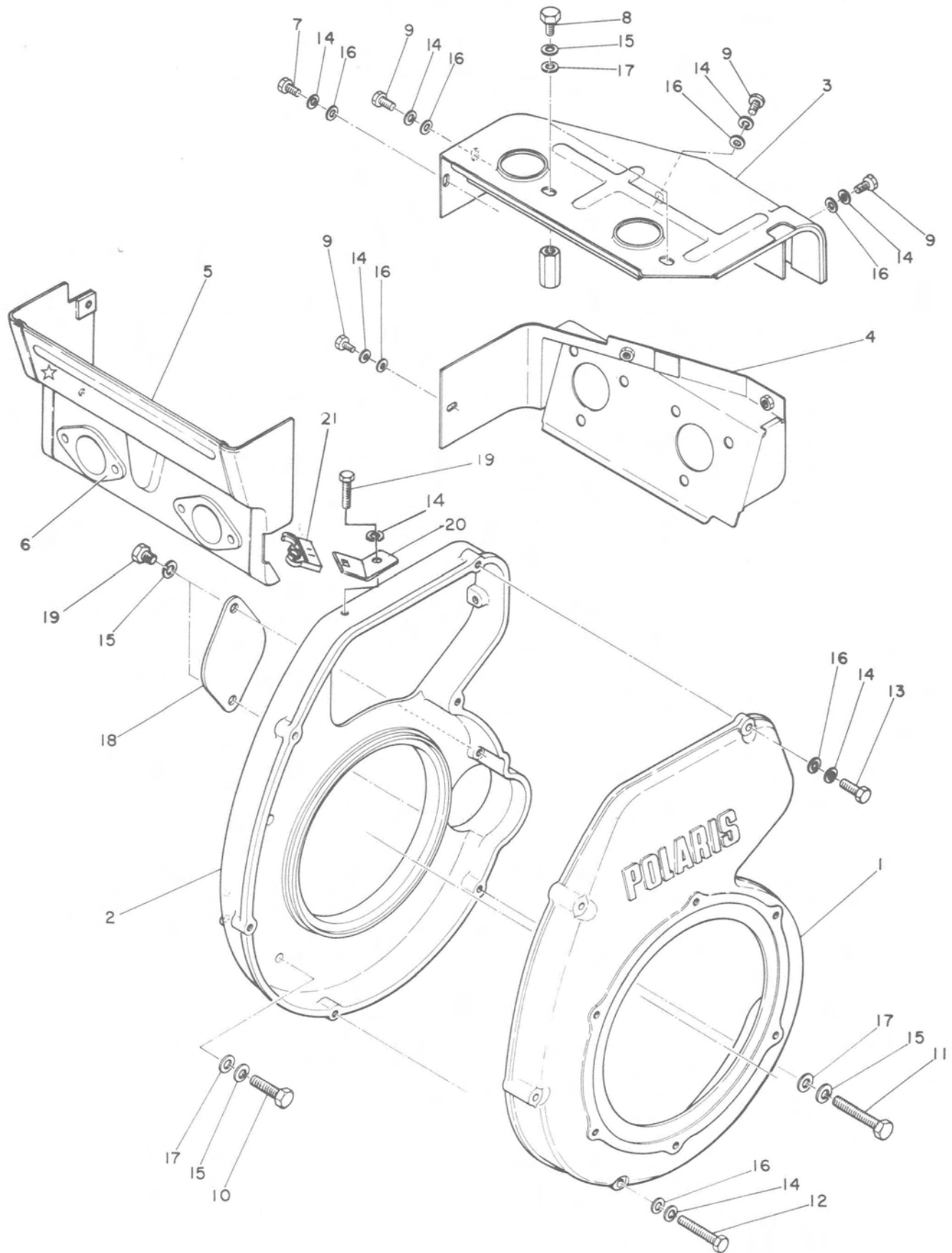
MAGNETO - 340, 440



BLOWER HOUSING — 340

[illegible]

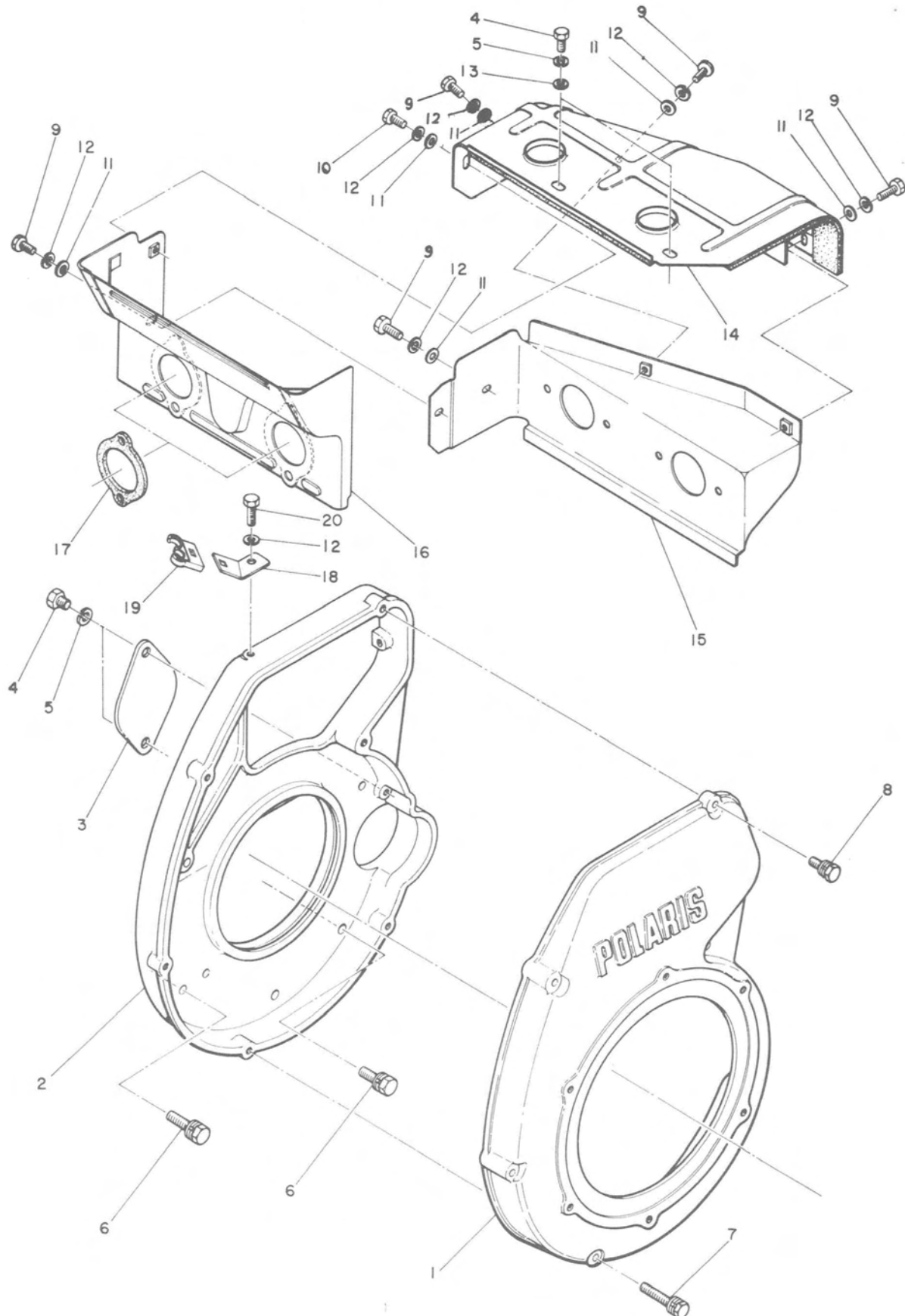
BLOWER HOUSING — 340



BLOWER HOUSING — 440

[illegible]

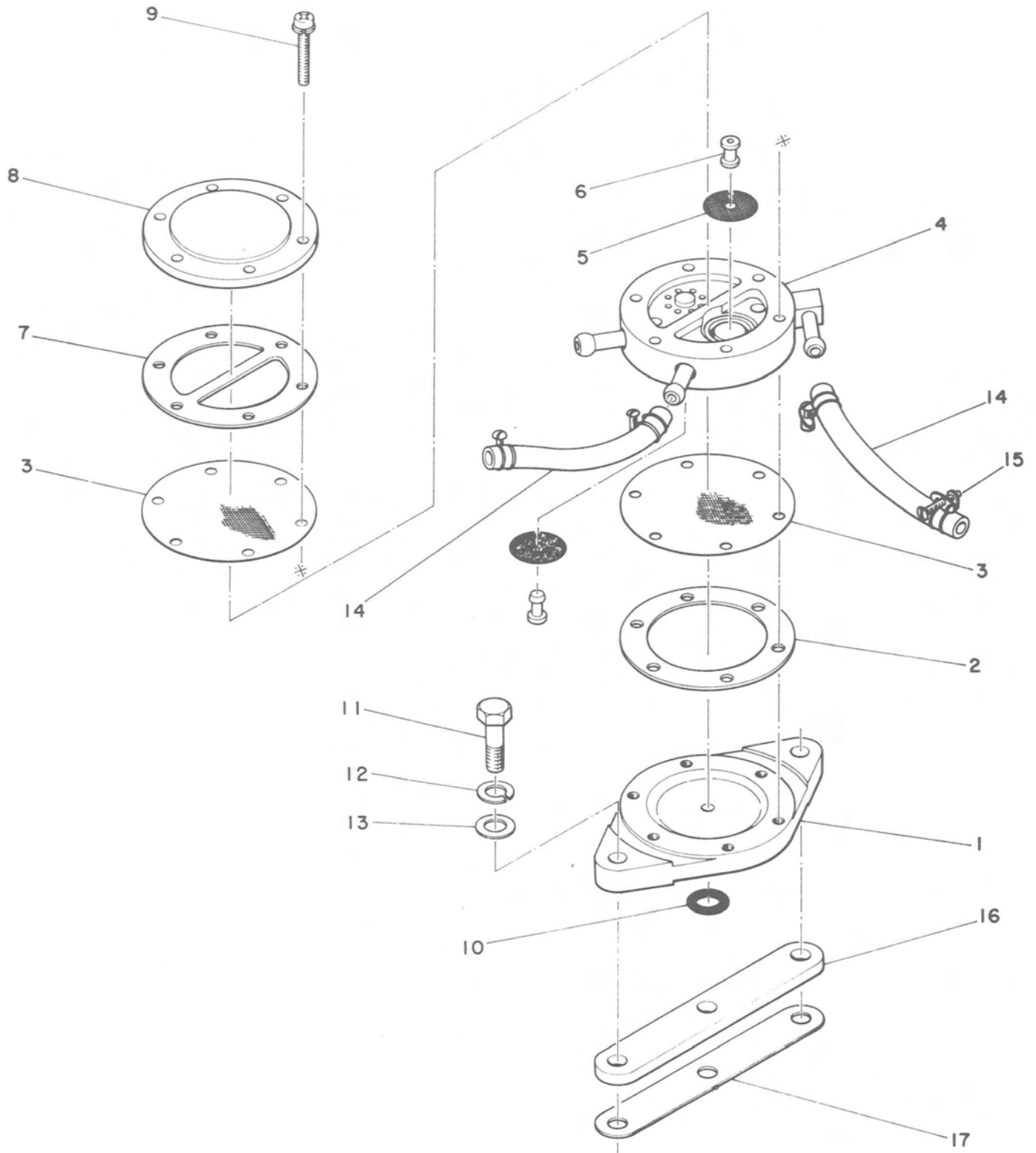
BLOWER HOUSING — 440



FUEL PUMP — 340

[illegible]

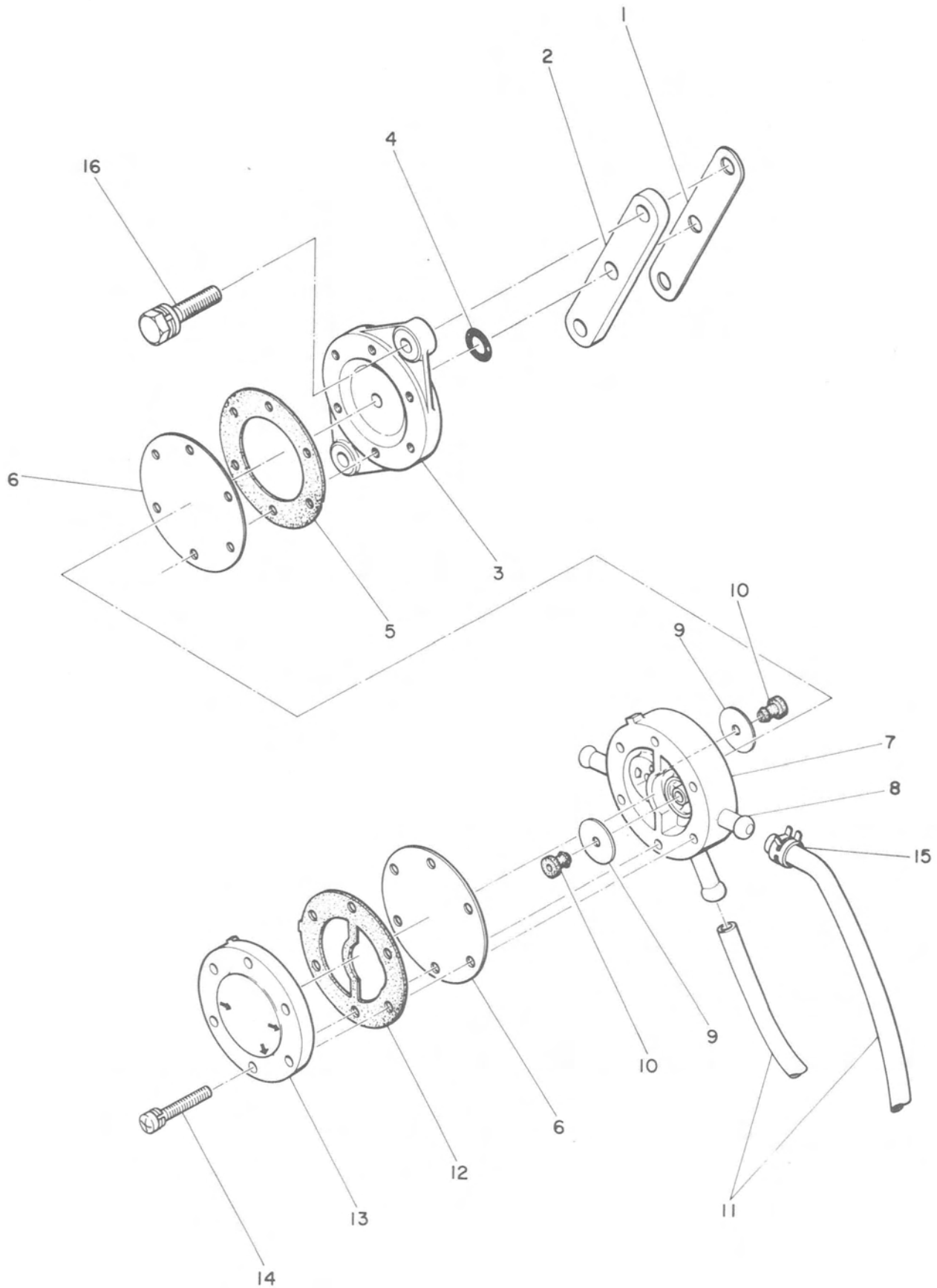
FUEL PUMP - 340



FUEL PUMP — 440

[illegible]

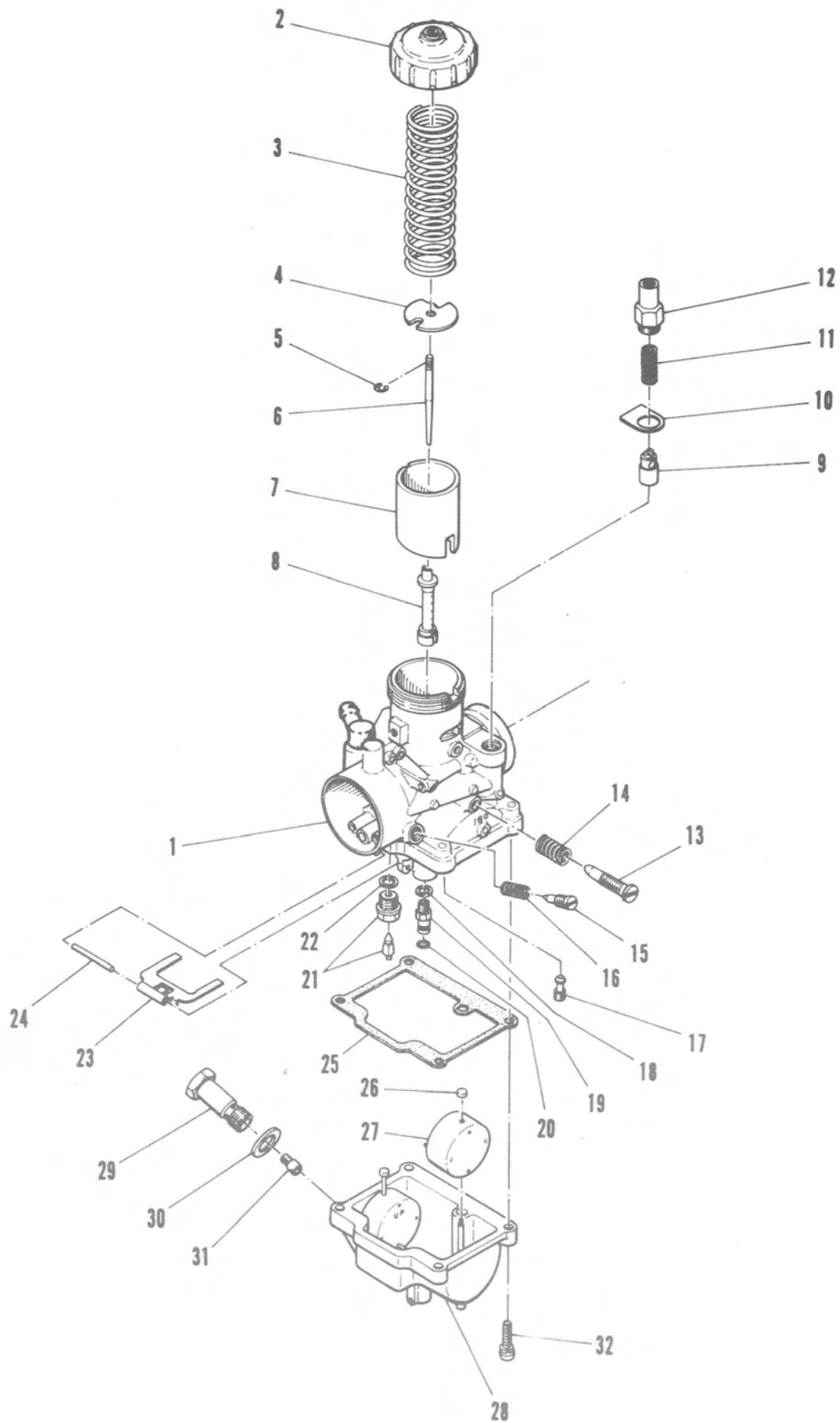
FUEL PUMP — 440



CARBURETOR — 340

[illegible]

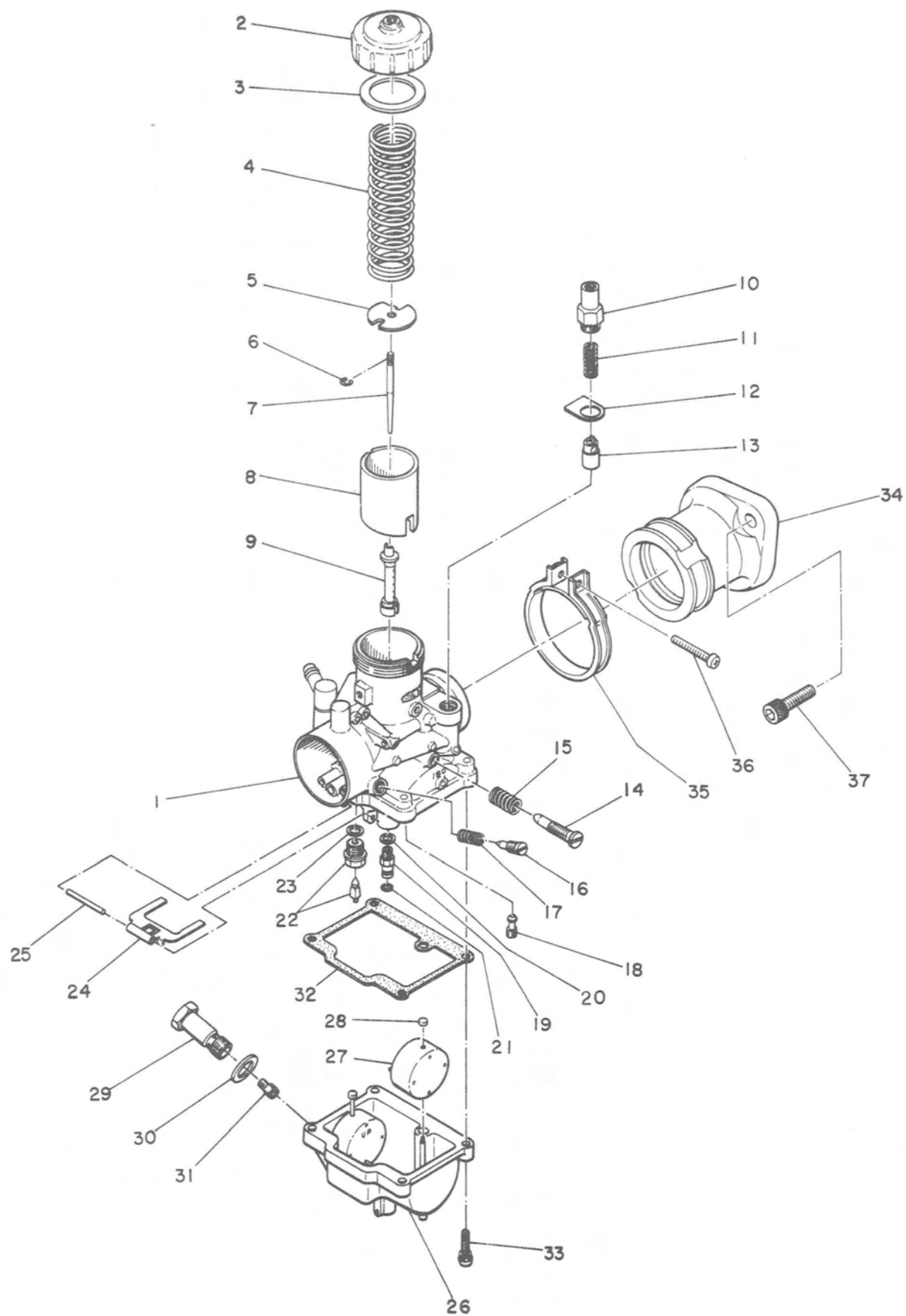
CARBURETOR - 340



CARBURETOR – 440

[illegible]

CARBURETOR - 440





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Part No. 9910518

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