



1978
Polaris
IX

Parts Manual

TX MODEL NUMBERS

0780523

0780537

0780545

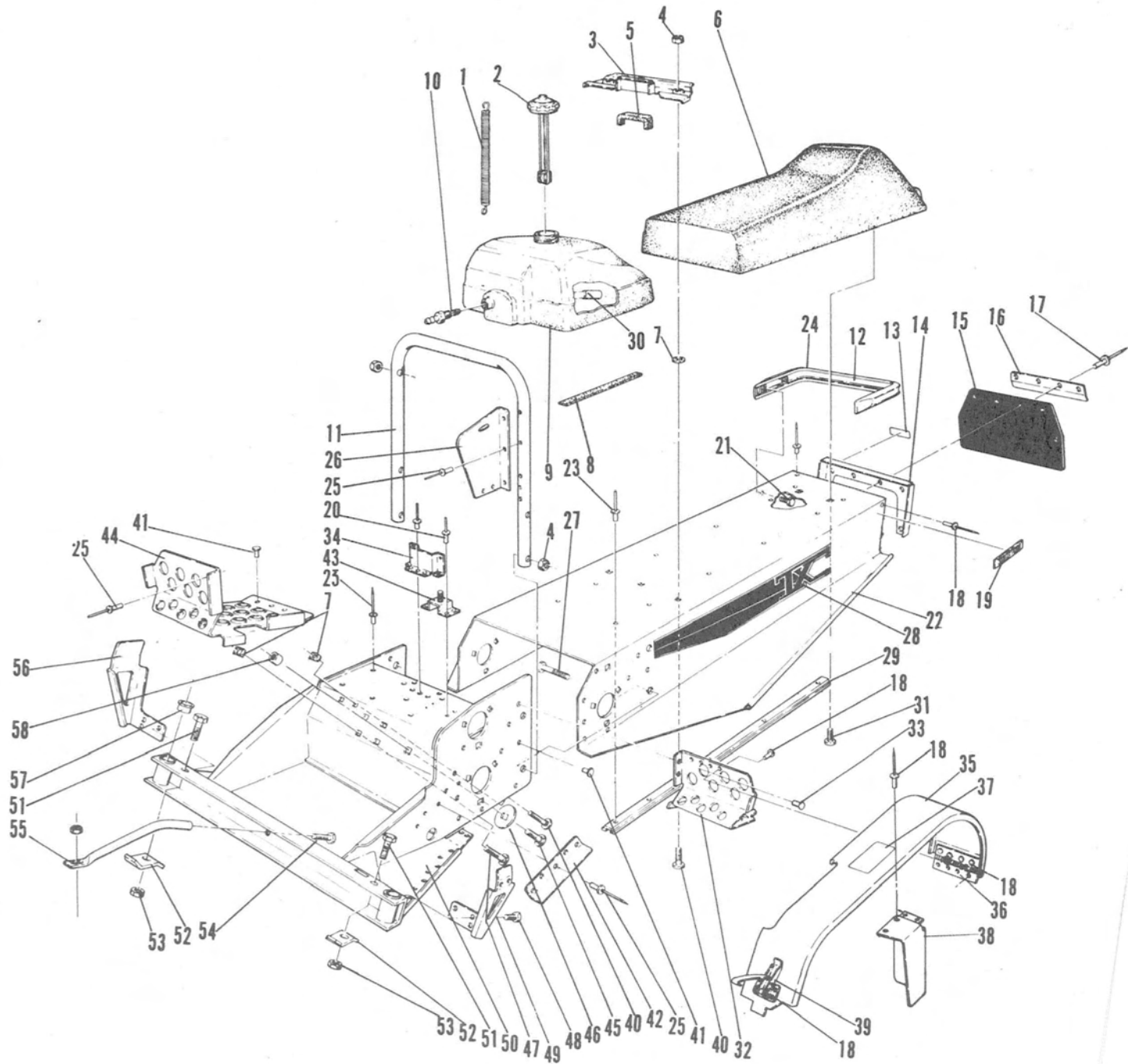
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BODY

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	7042009	Spring	30	5020246	Gas Tank Weight
2	2511128	Gas Cap w/Gauge	31	7512103	Bolt
3	5221722	Gas Tank Strap	32	5223766	Foot Rest L. H.
4	7542101	Nut	33	7621317	Rivet
5	5420126	Holddown - Cushion	34	5221932	Gas Tank Bracket
6	2681123	Seat Cushion	35	5223772	Clutch Guard
7	7670021	Push On Nut	36	5210728	Hinge
8	5810063	Gas Tank Pad	37	7071310	Decal
9	2511127	Gas Tank		7071504	Decal (Canada)
10	7052023	Outlet Fitting	38	5223798	Clutch Guard Reinforcement
11	5224177	Steering Support	39	7010002	Latch
12	2670063	Rear Bumper	40	7512193	Bolt
13	7071301	Track Warning Decal	41	7621316	Rivet
	7071503	Track Warning Decal (Canada)	42	5223789	Guard
14	5223764	Tunnel - Back Panel	43	1253050	Intake Stand
15	5810058	Snow Flap	44	5223767	Foot Rest - R. H.
16	5223695	Backing - Snow Flap	45	7515405	Bolt
17	7621401	Rivet	46	5210739	Washer
18	7621316	Rivet	47	7512394	Bolt
19	2670050	Red Reflector	48	7512232	Screw
20	7621325	Rivet	49	5221929	Bracket - L. H.
21	7512208	Bolt	50	1011371	Bulkhead Weldment
22	1011352	Tunnel	51	7512491	Bolt
23	7621425	Rivet	52	5221939	Steering Stop
24	7071419	Rear Bumper Stripe	53	7542427	Nut (Black)
25	7621429	Rivet	54	7512497	Screw
26	5221933	Intake Guard	55	5332512	Brace
27	7512183	Bolt	56	5221930	Bracket - R. H.
28	7071502	Decal Tunnel - L. H.	57	3573906	Bushing
	7071501	Decal Tunnel - R. H.	58	5020240	Threaded Bushing
29	5510058	Wear Strip			

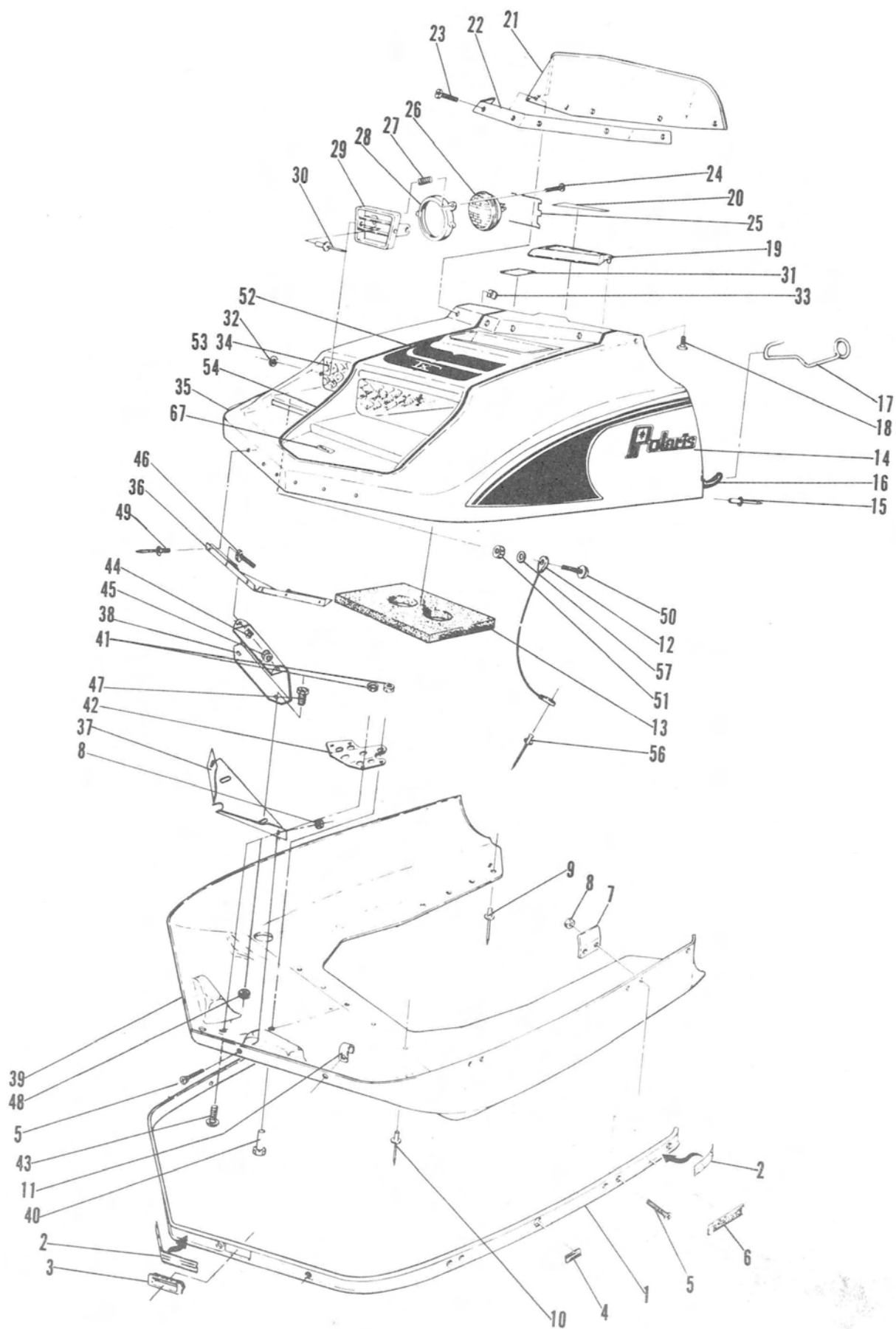
BODY



TRIM

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	5223821	Extrusion	30	7621315	Rivet
2	7071528	Decal - Front	31	7071516	Decal
3	5430449	Grill	32	7558205	Washer
4	5430495	Vinyl Extrusion	33	7670026	Speed Nut
5	7512134	Bolt	34	5810068	Hood Foam - Side L. H. - 250, 340
6	2670071	Amber Reflector		5810101	Hood Foam - Side L. H. - 440
7	5223791	Hood Guide	35	2631165	Hood Assembly - 250, 340
8	7542101	Nut		2631166	Hood Assembly - 440
9	7621401	Rivet	36	5223809	Upper Hinge - Pivot
10	7621418	Rivet	37	5223811	Hinge Plate
11	7080180	"J" Clip	38	5223810	Lower Hinge - Pivot
12	7080191	Hood Retaining Cable	39	5430497	Nose Pan
13	5810067	Hood Foam - Top - 250, 340	40	7515302	Screw
14	7071464	Side Decal L. H.	41	7542302	Nut
	7071463	Side Decal R. H.	42	5223823	Plate - Pan Brace
15	7621322	Pop Rivet	43	7515303	Screw
16	5510055	Quick Edge Trim	44	5332403	Spacer - Hinge
17	5221948	Hood Latch L. H.	45	7542118	Nut
	5221947	Hood Latch R. H.	46	7512224	Screw
18	7511840	Screw	47	7512157	Bolt
19	5430439	Inlet Cover	48	7542101	Nut
20	7071394	Decal	49	7621433	Pop Rivet
21	5430441	Windshield	50	7511818	Screw
	5430489	High Windshield (Optional)	51	7541915	Nut
22	5850034	Windshield Band	52	7071466	Deck Decal
23	7511839	Screw	53	5810087	Hood Foam - Side R. H. - 250, 340
24	7511977	Screw		5810102	Hood Foam - Side R. H. - 440
25	5221662	Retainer	54	7071529	Decal Deck Stripe
26	4030025	Headlight	55	7621402	Rivet
27	7041059	Spring	56	7558205	Washer
28	5430283	Headlight Ring	57	7071461	Polaris Emblem
29	5430487	Grill			

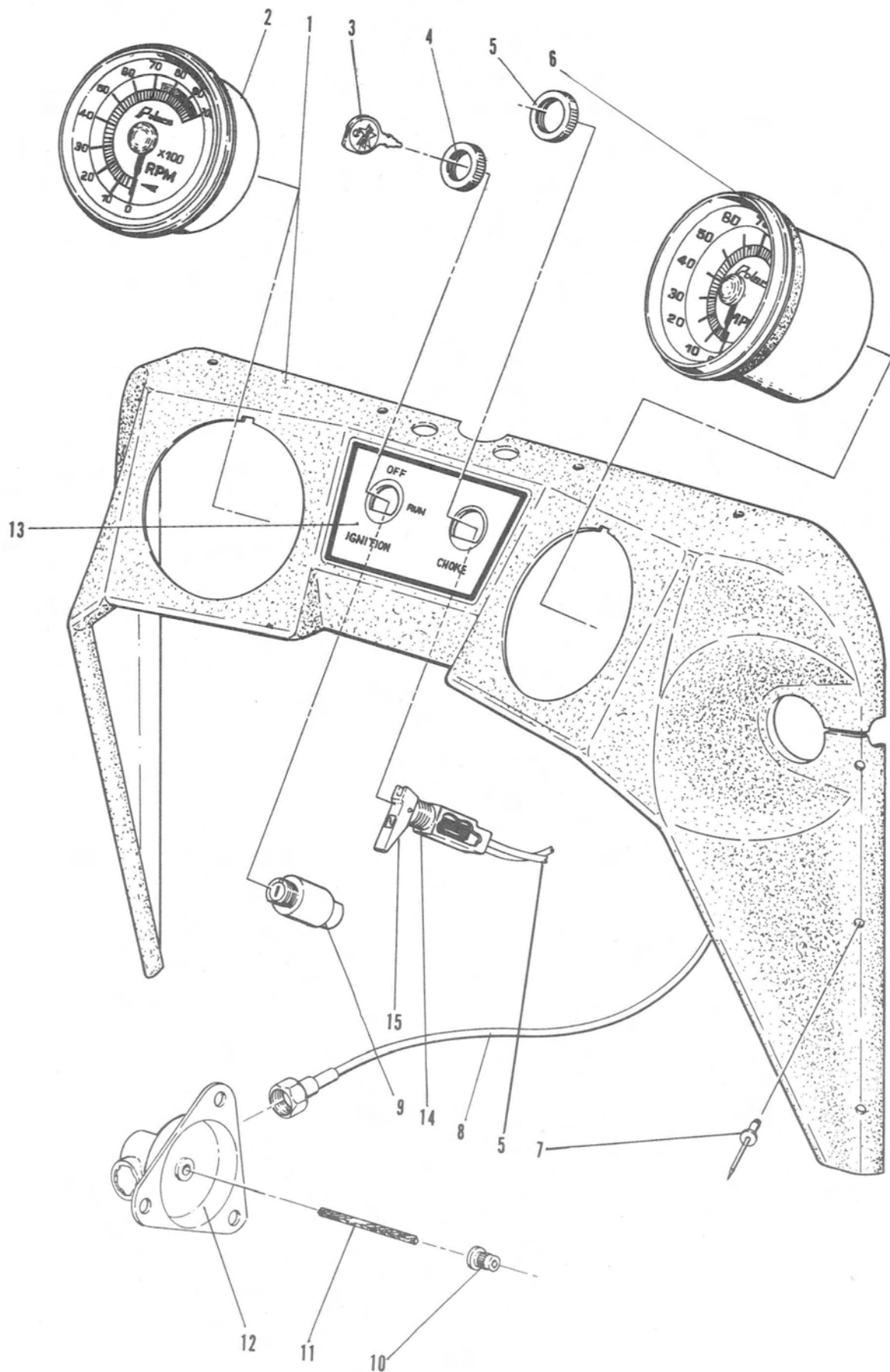
TRIM



CONSOLE

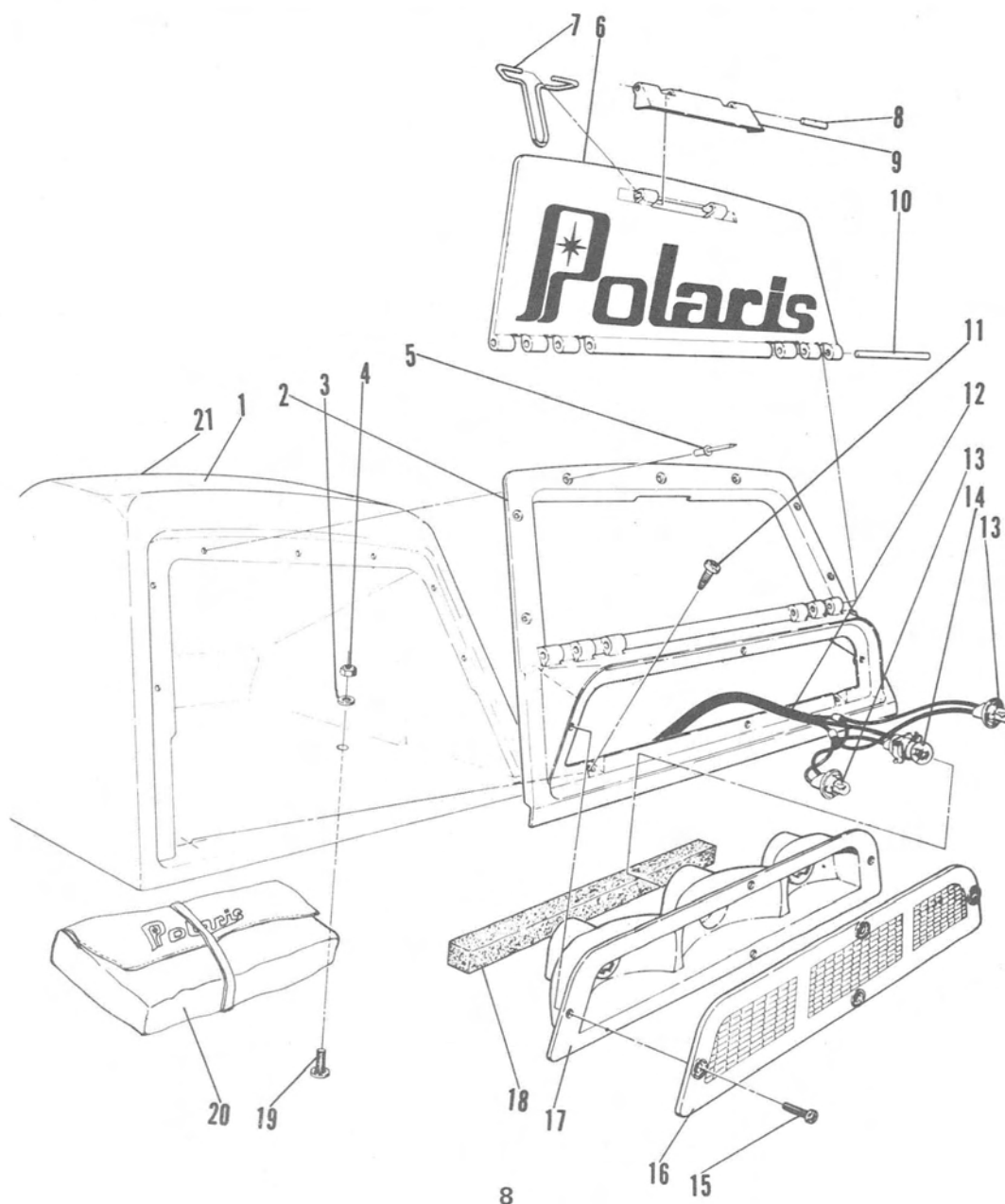
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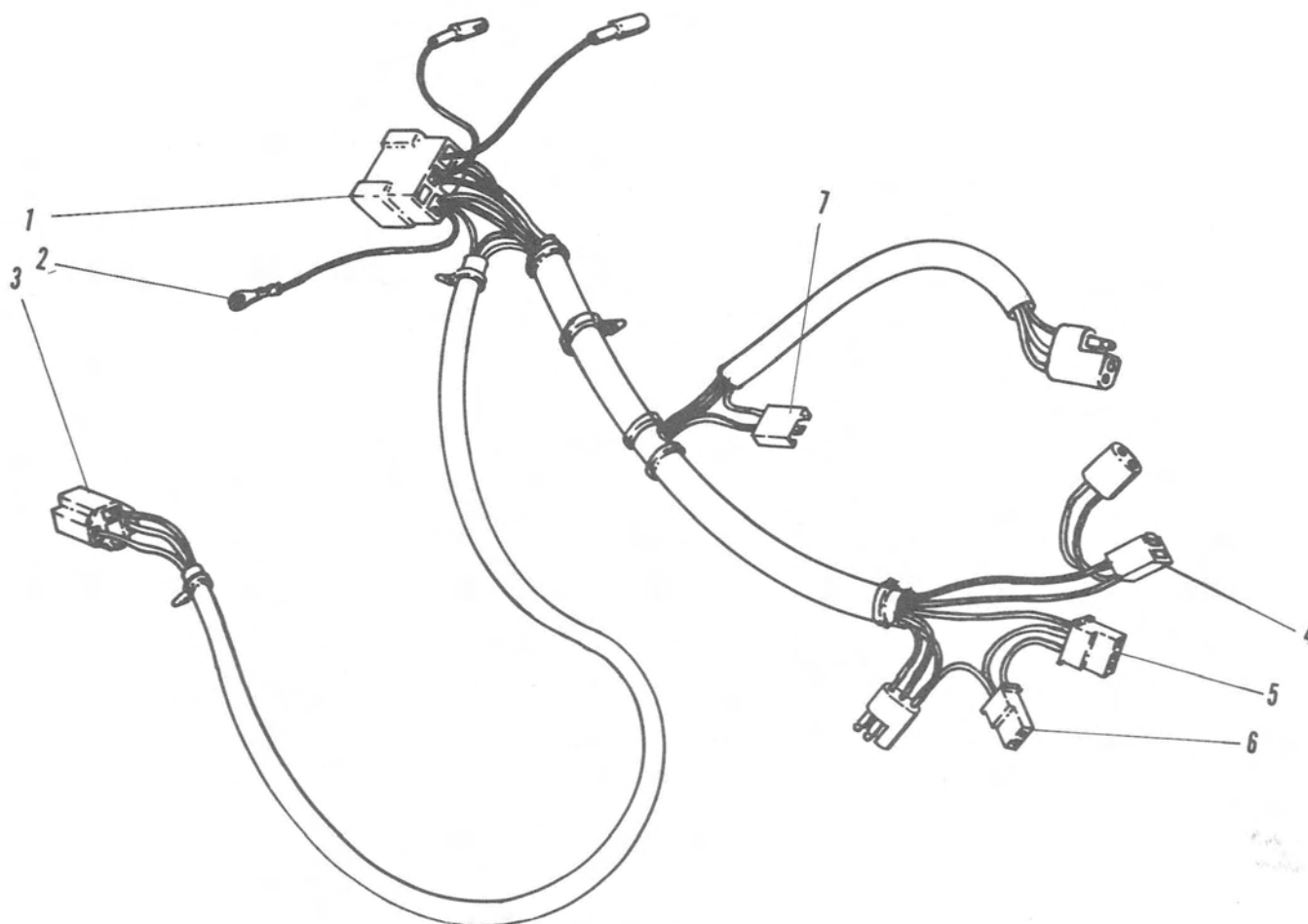
CONSOLE



SEAT ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	2681127	Seat Cushion	12	2460173	Taillight Harness
2	5430426	Frame - Door	13	4030015	Taillight Bulb
3	7558402	Washer	14	4030019	Brake Light Bulb
4	7542101	Nut	15	7511840	Screw
5	7621201	Rivet	16	5430423	Taillight Lens
6	5430476	Compartment - Door	17	5430425	Taillight Housing
7	7040144	Latch Spring - TX	18	5420141	Shield - TX
8	7010030	Latch Pin	19	7512103	Bolt
9	5430368	Latch	20	2870257	Tool Kit
10	7010026	Hinge Pin	21	2681128	Seat Covering
11	7522008	Screw			

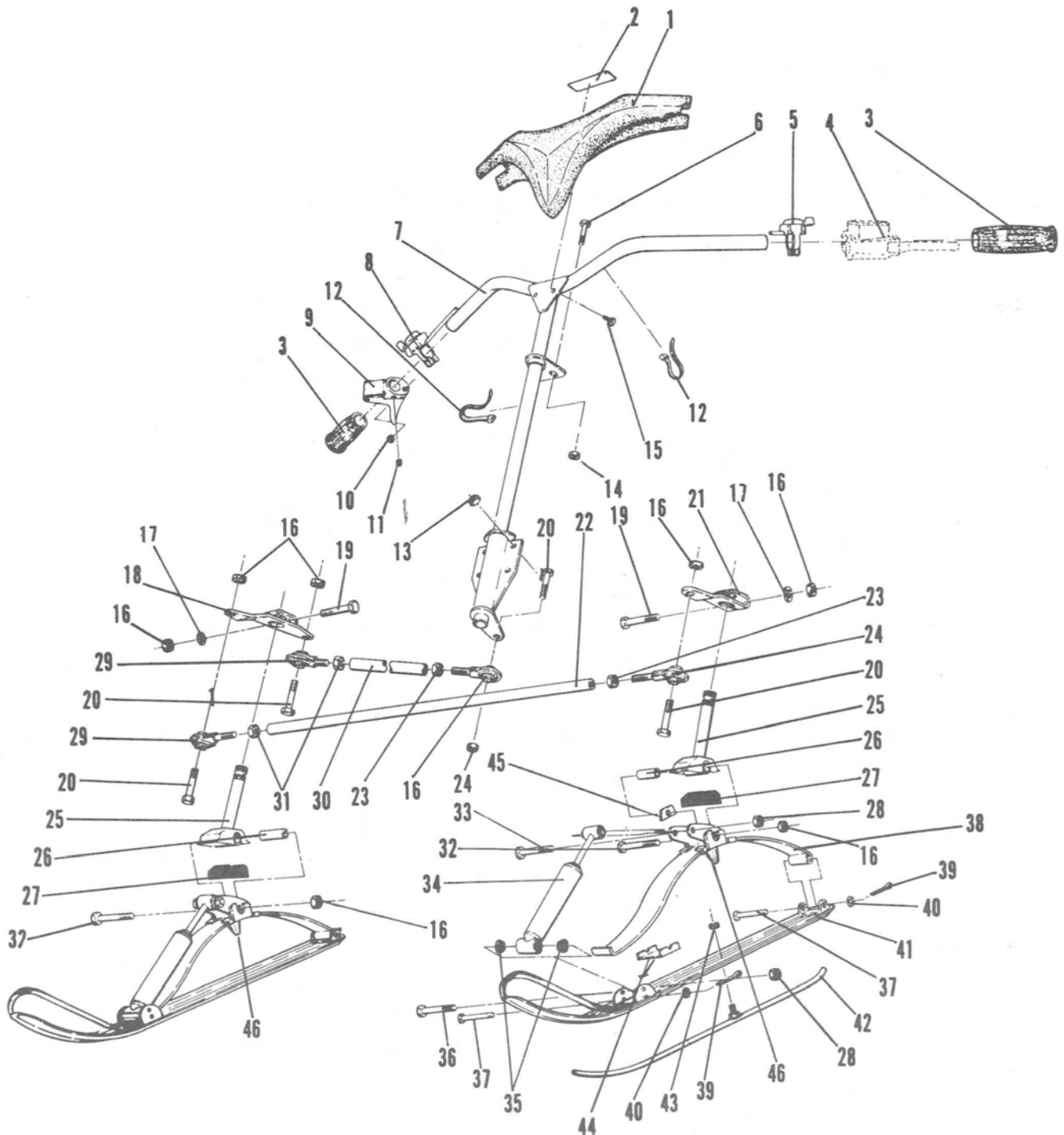


[illegible]

STEERING ASSEMBLY

[illegible]

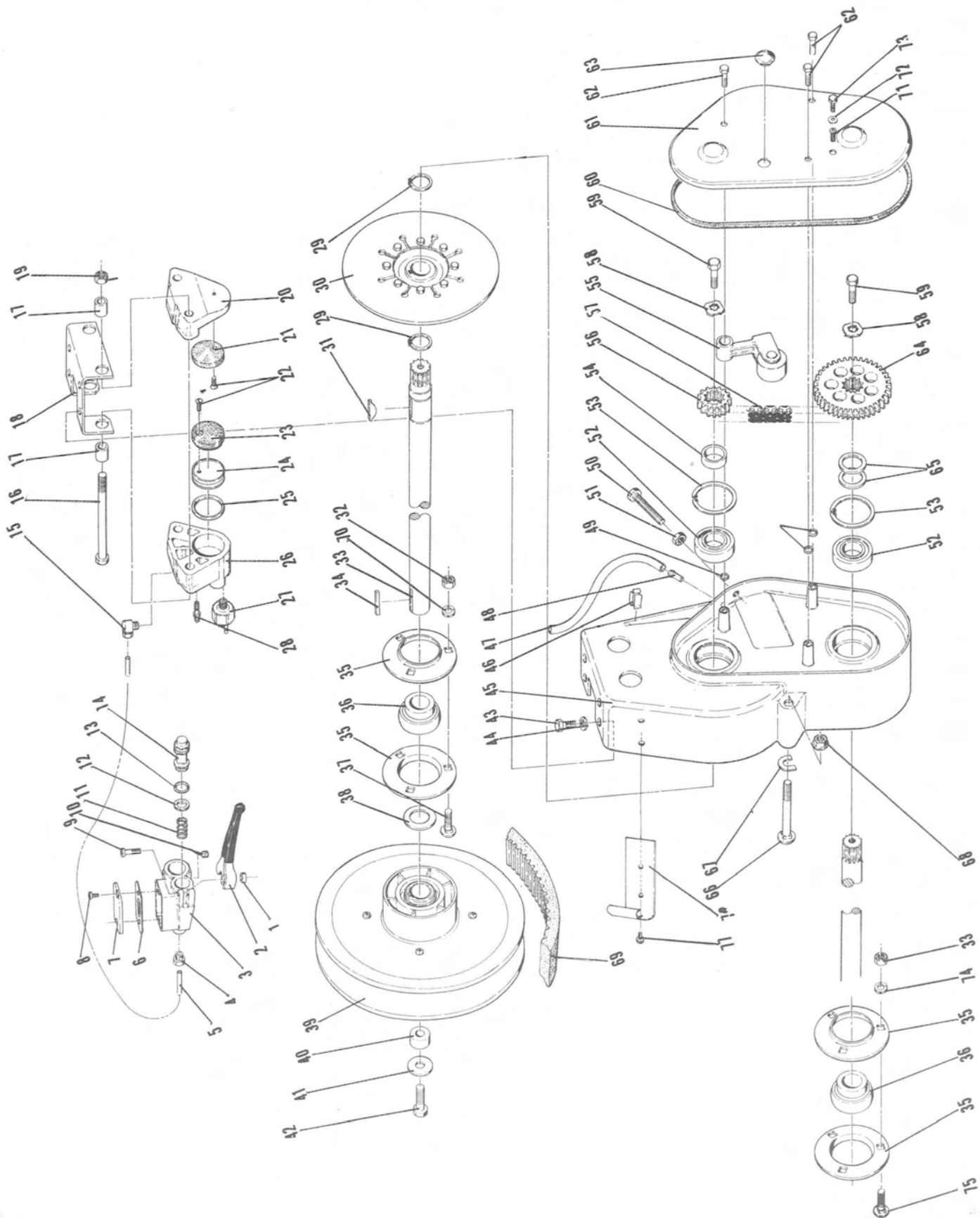
STEERING ASSEMBLY



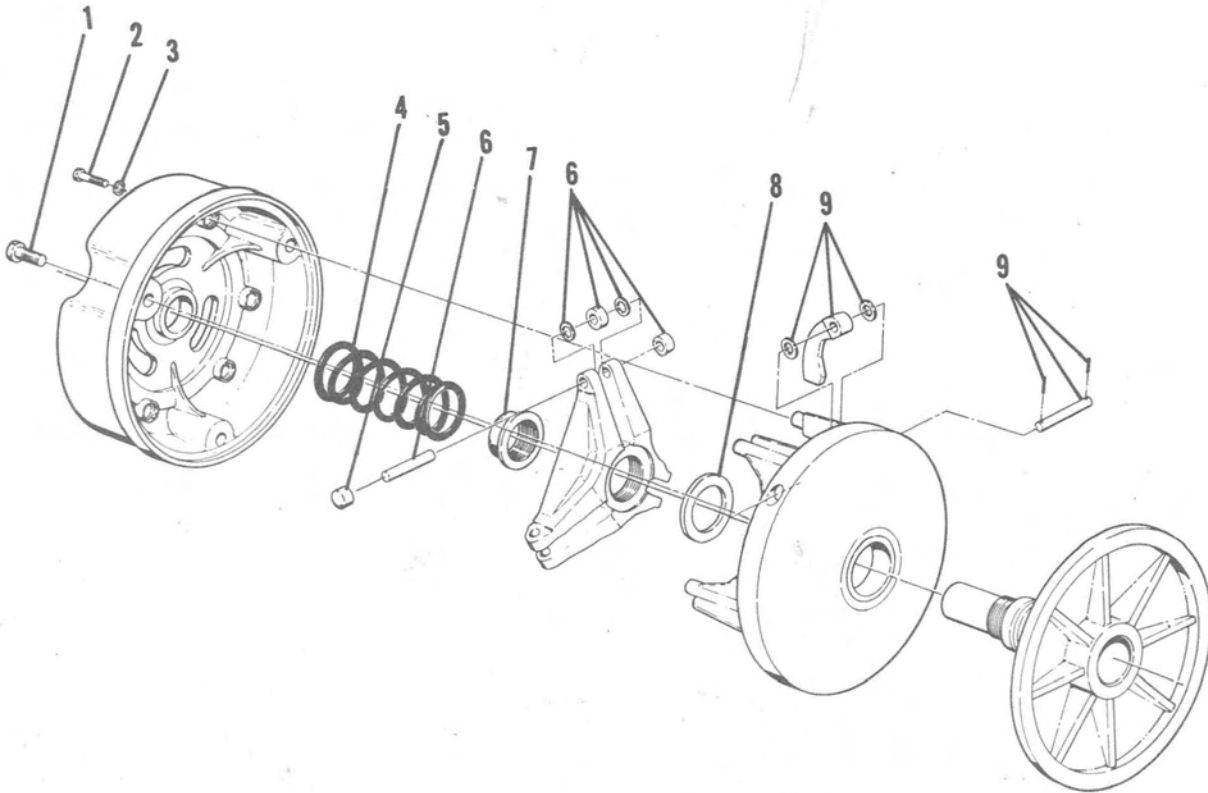
CHAINCASE ASSEMBLY

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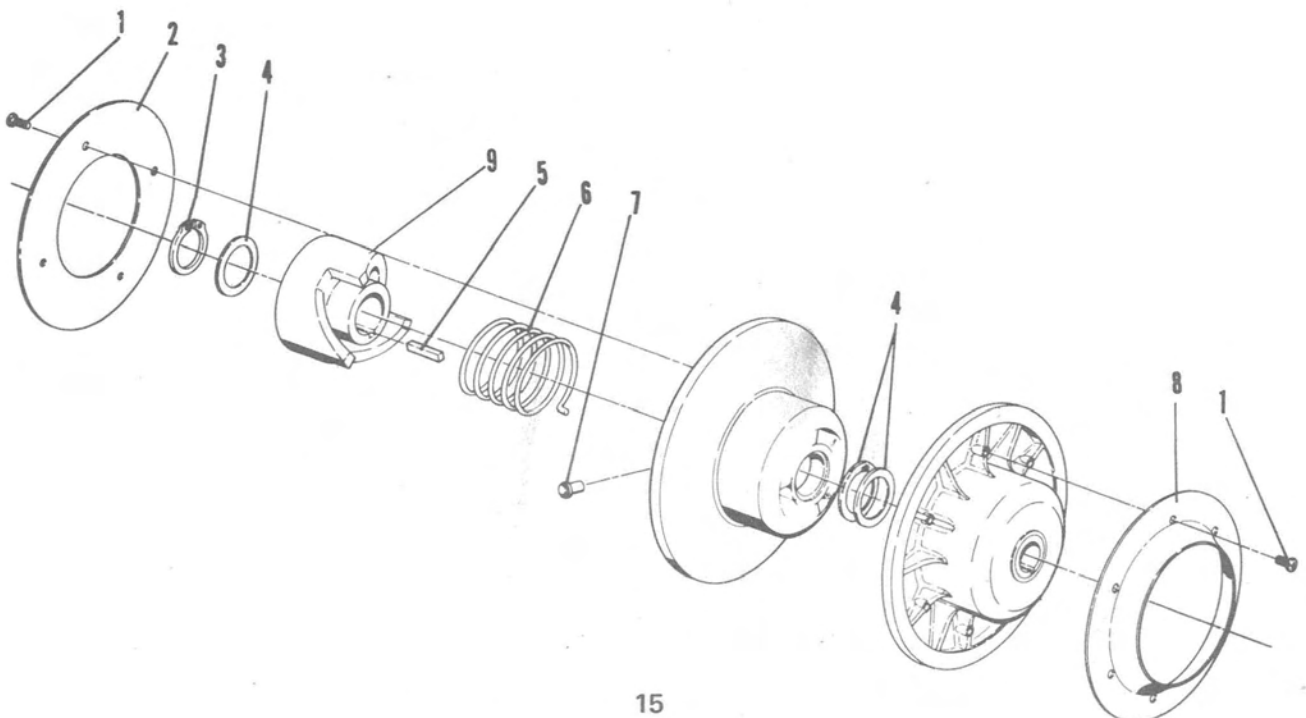
CHAINCASE ASSEMBLY



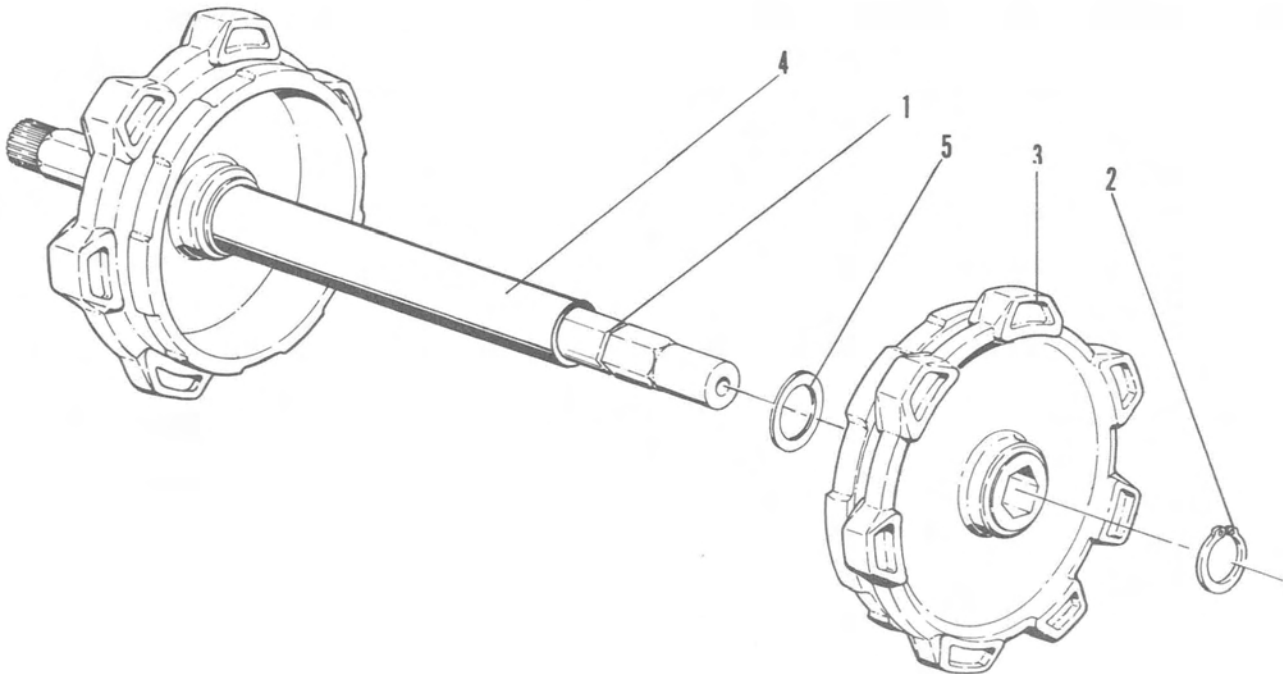
DRIVE CLUTCH

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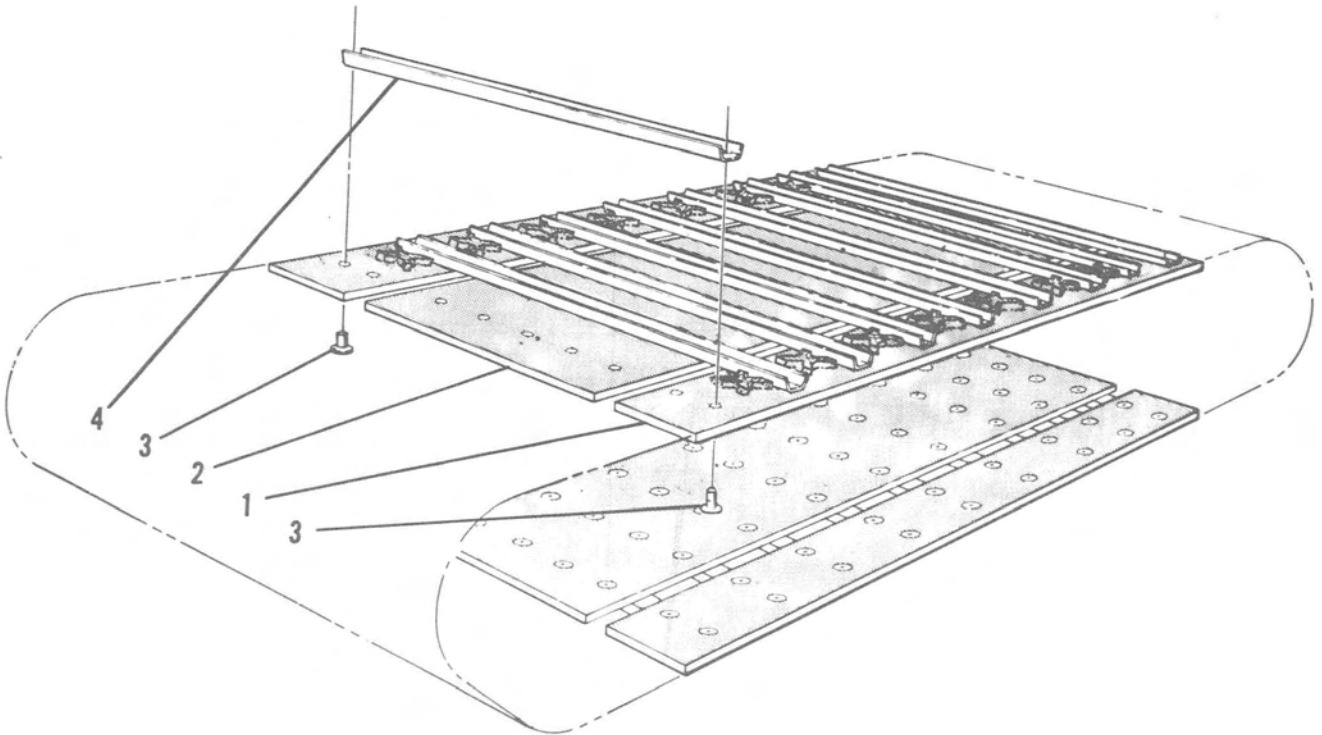
DRIVEN CLUTCH

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DRIVE SHAFT

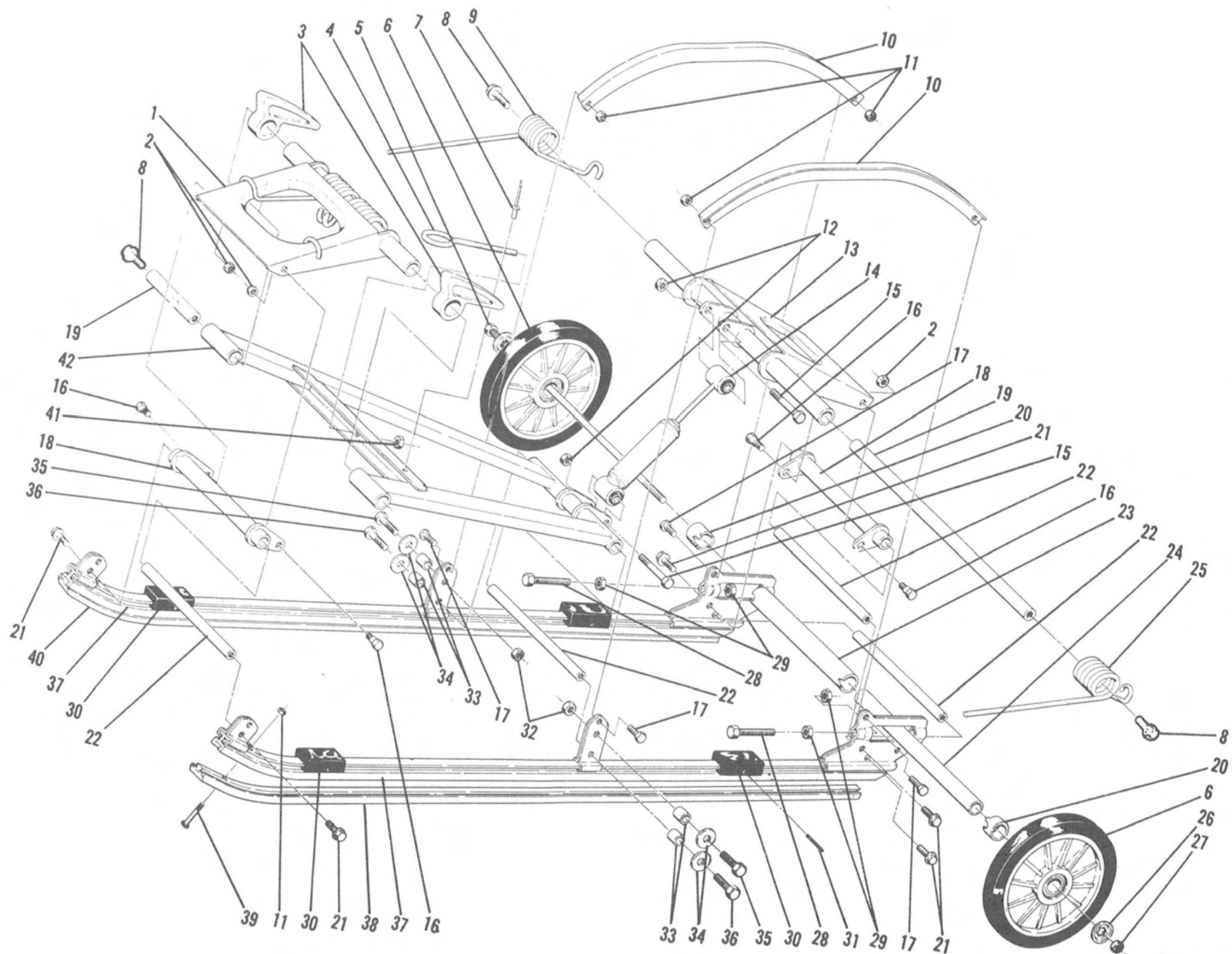
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TRACK ASSEMBLY

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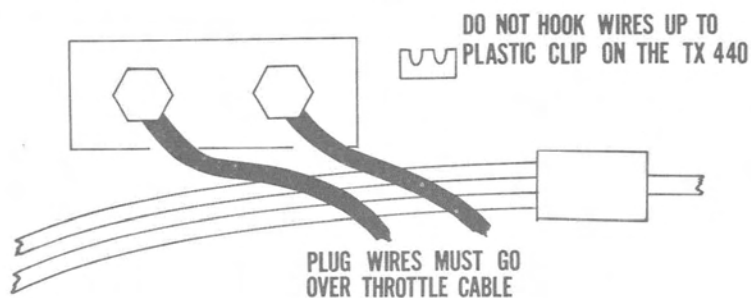
SUSPENSION

[illegible]

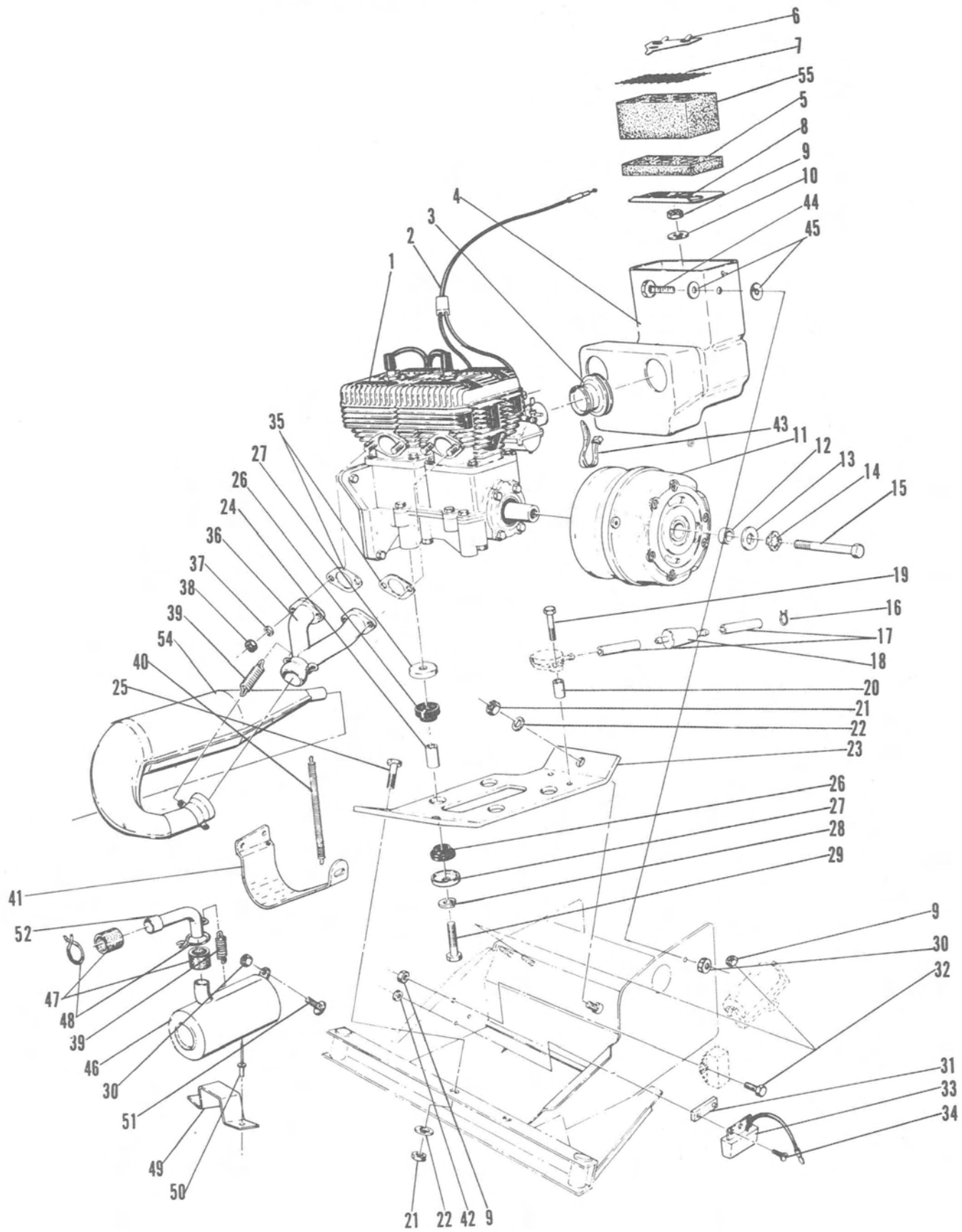


ENGINE MOUNTING – 250

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	1212013	Engine - EC25PT	28	7553101	Lock Washer
2	7080189	Throttle Cable	29	7512545	Bolt
3	5410265	Boot	30	7542101	Lock Nut
4	5430442	Intake Silencer	31	5210650	Heat Sink
5	5810064	Baffle - Intake Silencer	32	7512111	Bolt
6	5210777	Spacer - Intake Silencer	33	4060071	Regulator
7	5210750	Mesh Wire	34	7511930	Screw
8	5221934	Plate - Foam Rest	35	3082068	Exhaust Gasket - 250
9	7542101	Nut	36	1260403	Exhaust Manifold
10	7558221	Washer	37	3080530	Lock Washer
11	1321306	Drive Clutch Asm.	38	3080285	Nut
12	5430261	Bushing - Retaining Bolt	39	3081078	Exhaust Spring
13	5210748	Washer - Clutch Retainer	40	7042009	Spring
14	7575202	Lock Washer	41	5221961	Hanger - Muffler
15	7512529	Bolt	42	7541906	Lock Nut
16	7080134	Clamp	43	7080138	Strap
17	5420111	Fuel Line (Bulk - Cut to fit)	44	7512191	Screw
18	2530008	Filter	45	7558221	Washer
19	7512220	Screw	46	1260425	Resonator
20	5332509	Tube Spacer	47	5420143	Silicone Hose
21	7542403	Nut	48	3080195	Clamp Hose
22	7558403	Wrought Washer	49	5221969	Support Muffler
23	5223813	Plate - Motor Mount	50	7621401	Pop Rivet
24	5332491	Bushing - Motor Mount	51	7512224	Bolt
25	7512405	Bolt	52	1260426	Resonator Inlet
26	5410241	Dampener - Vibration	53	5810062	Baffle - Intake Silencer
27	5221901	Cap - Vibration Dampener	54	1260408	Muffler
RFI Replacement Parts					
	3070163	Spark Plug BR9ES			
	4020129	Resistor Plug Cap			

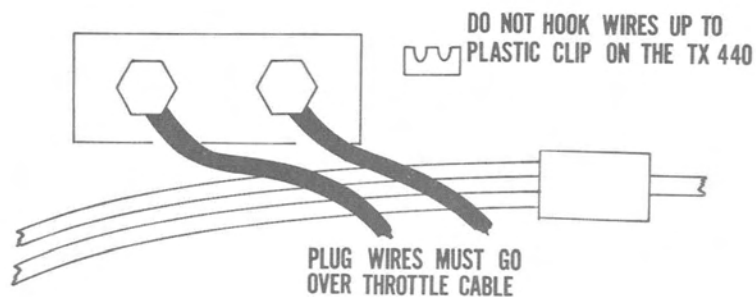


ENGINE MOUNTING - 250

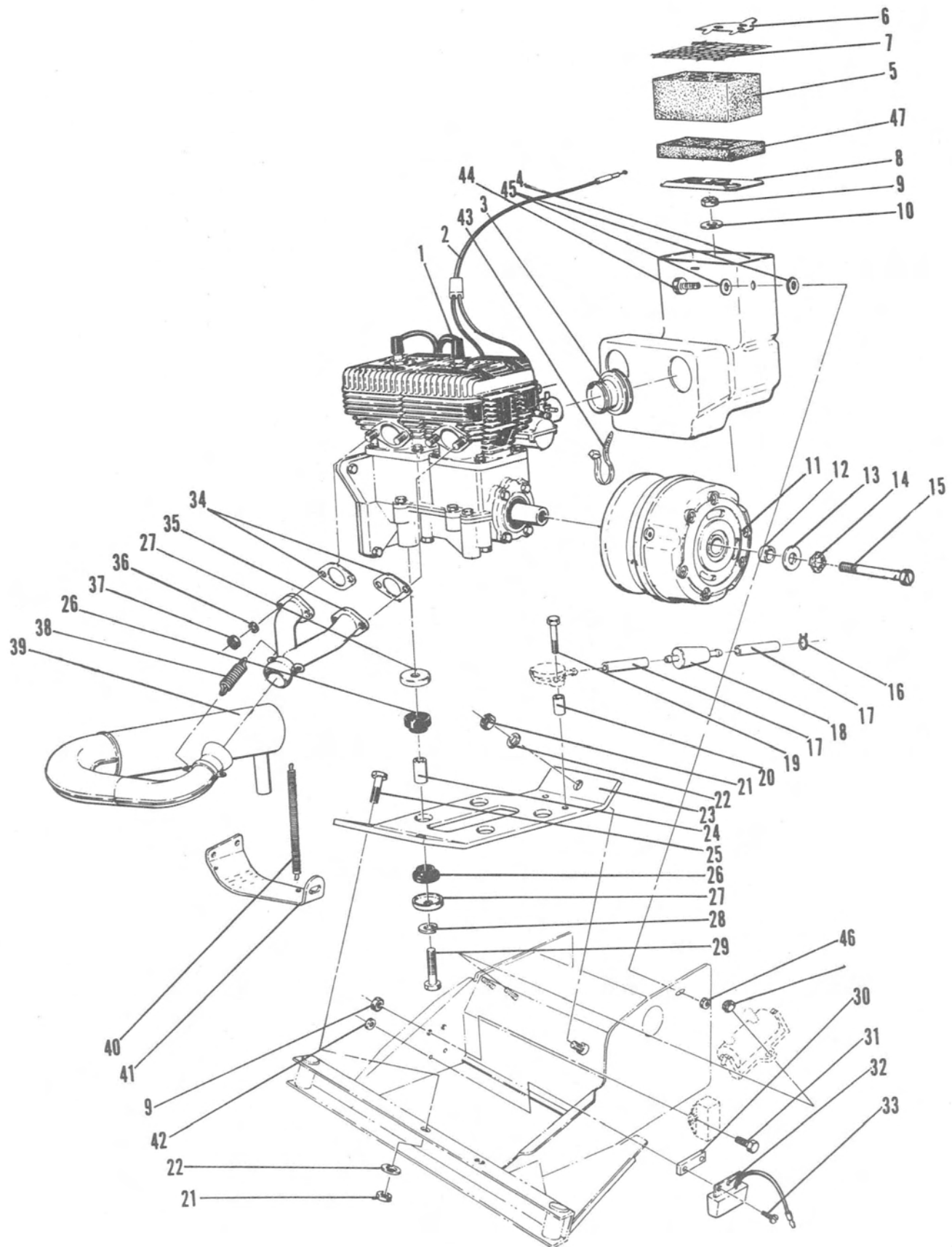


ENGINE MOUNTING – 340, 440

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	1212005	Engine - EC34PT-05 - 340	24	5332491	Bushing - Motor Mount
	1211362	Engine - EC44PT-05 - 440	25	7512405	Bolt
2	7080178	Throttle Cable	26	5410241	Dampener - Vibration
3	5410253	Boot	27	5221901	Cap - Vibration Dampener
4	5430442	Intake Silencer - 340	28	7553101	Lock Washer
	5430435	Intake Silencer - 440	29	7512545	Bolt
5	5810062	Baffle - Intake Silencer	30	5210650	Heat Sink
6	5210777	Spacer - Intake Silencer	31	7512111	Bolt
7	5210750	Mesh - Wire	32	4060071	Regulator
8	5221934	Plate - Foam Rest	33	7511930	Screw
9	7542101	Nut	34	3082068	Exhaust Gasket - 340
10	7558221	Washer		3082595	Exhaust Gasket - 440
11	1321307	Drive Clutch Asm. - 340	35	1260403	Exhaust Manifold - 340
	1321308	Drive Clutch Asm. - 440		1260368	Exhaust Manifold - 440
12	5430261	Bushing - Retaining Bolt	36	3080530	Lock Washer
13	5210748	Washer - Clutch Retainer	37	3080285	Nut
14	7575202	Lock Washer	38	3081078	Exhaust Spring
15	7512529	Bolt	39	1260405	Muffler - 340
16	7080134	Clamp		1260370	Muffler - 440
17	5420111	Fuel Line (Bulk - Cut to fit)	40	7042015	Spring
18	2530008	Filter	41	5223842	Hanger - Muffler
19	7512220	Screw	42	7541906	Lock Nut
20	5332509	Tube Spacer - Fuel Pump	43	7080138	Strap
21	7542403	Nut	44	7512191	Screw - 340, 440
22	7558403	Wrought Washer	45	7558221	Washer
23	5223813	Plate - Motor Mount - 340	46	7542101	Nut
	5223840	Plate - Motor Mount - 440	47	5810064	Baffle - Intake Silencer
RFI Replacement Parts					
	3070163	Spark Plug BR9ES			
	4020129	Resistor Plug Cap			



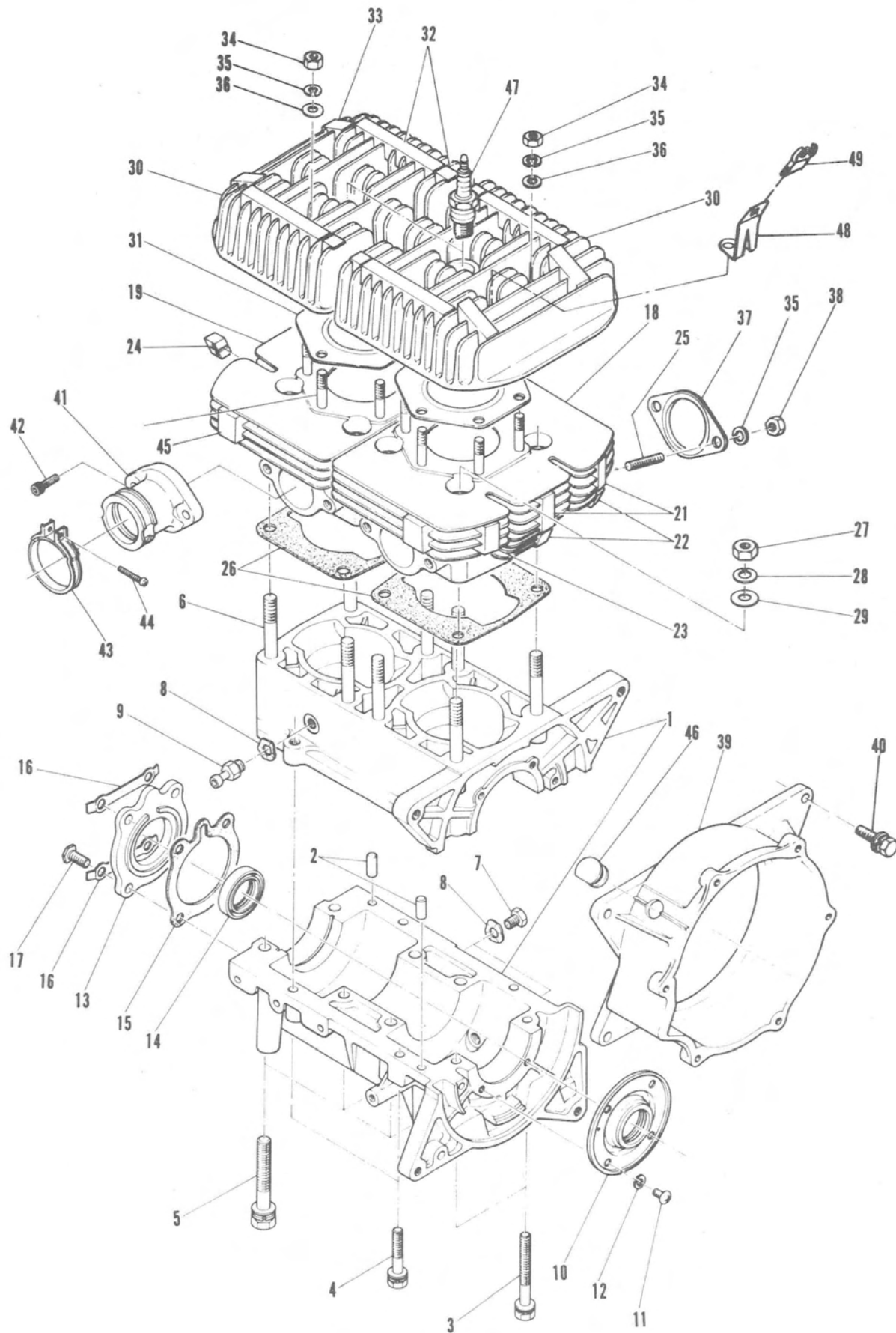
ENGINE MOUNTING — 340, 440



CRANKCASE & CYLINDER — 250, 340

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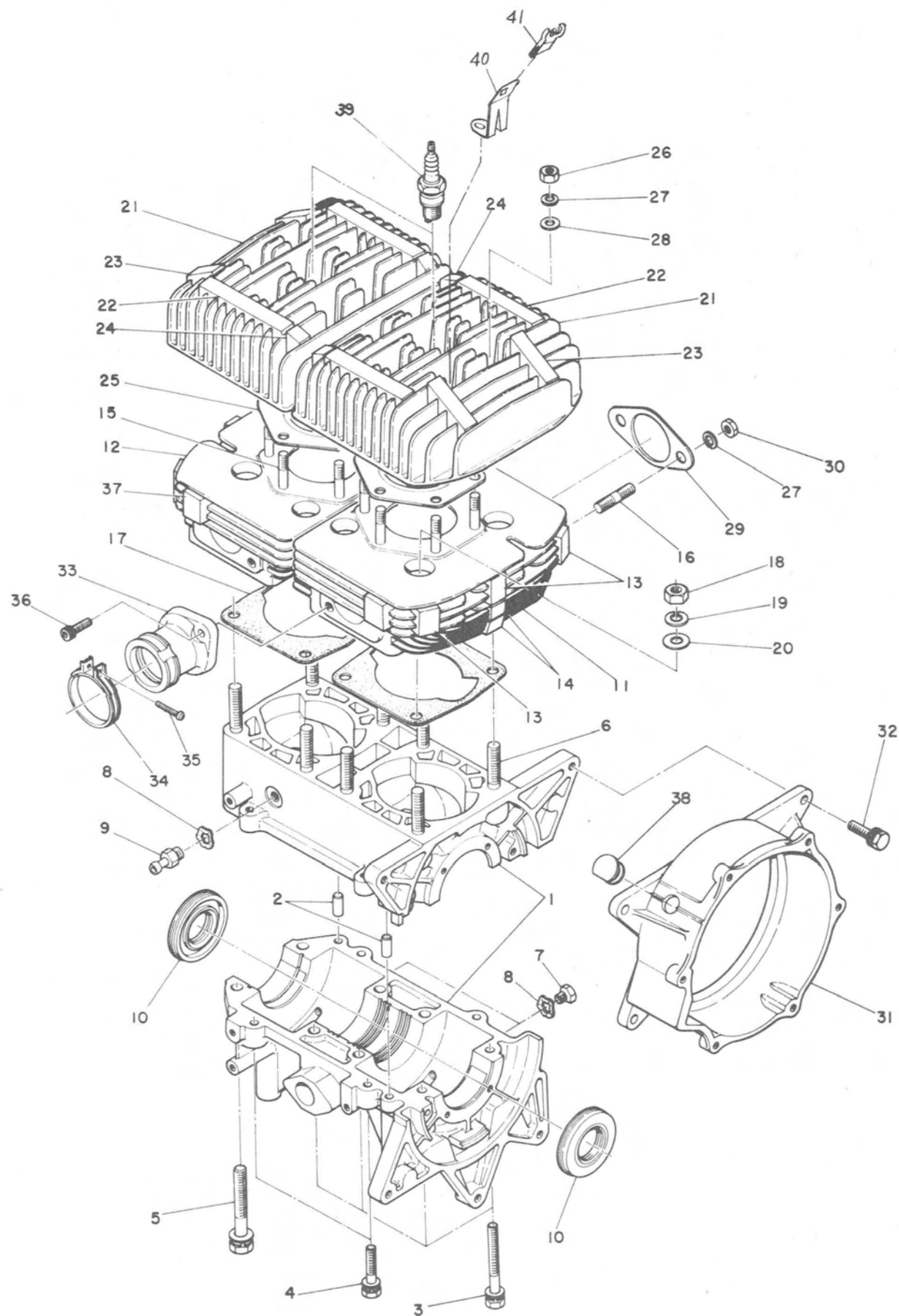
CRANKCASE & CYLINDER — 250, 340



CRANKCASE & CYLINDER – 440

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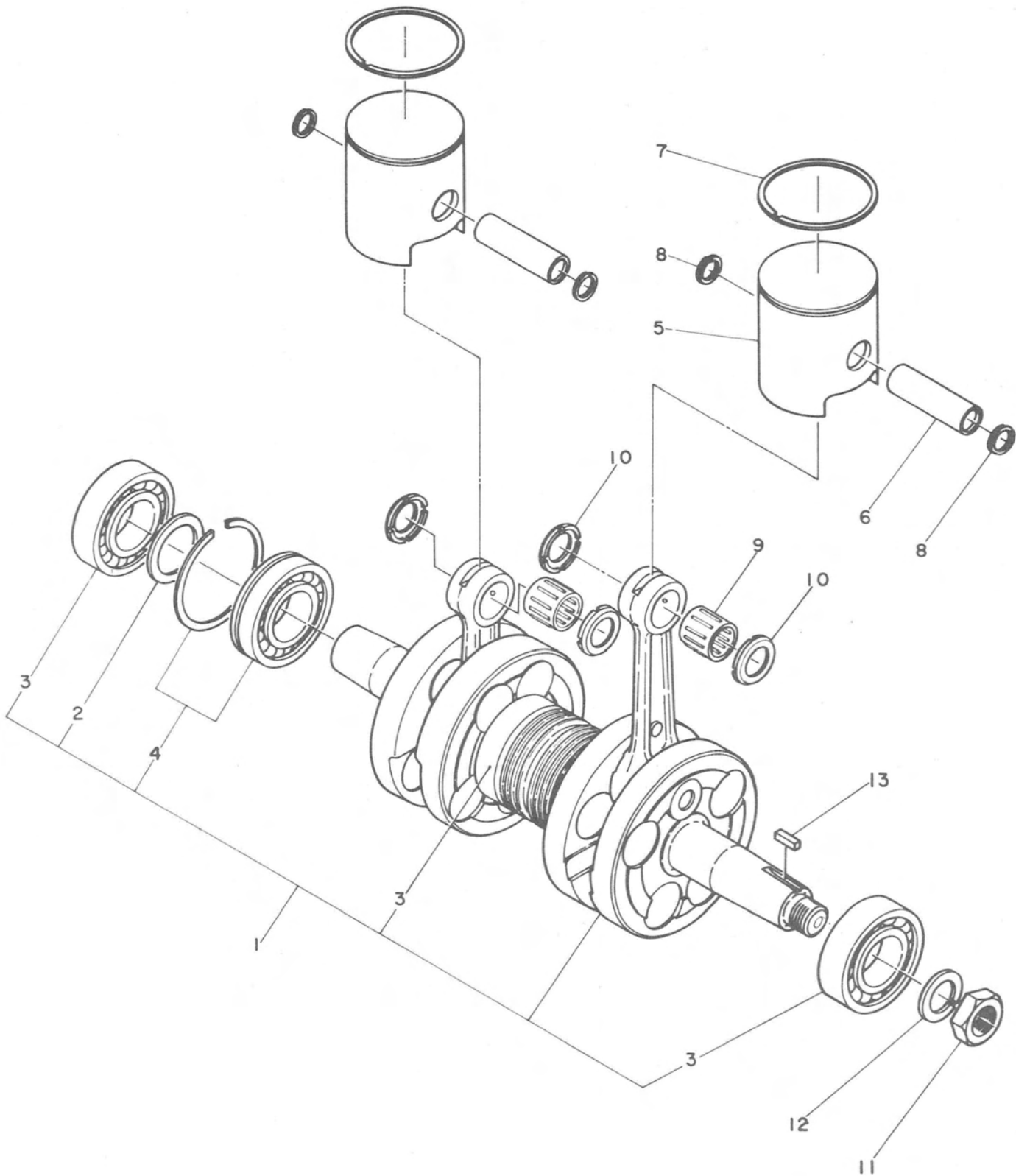
CRANKCASE & CYLINDER — 440



CRANKSHAFT & PISTON — 250, 340, 440

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CRANKSHAFT & PISTON — 250, 340, 440

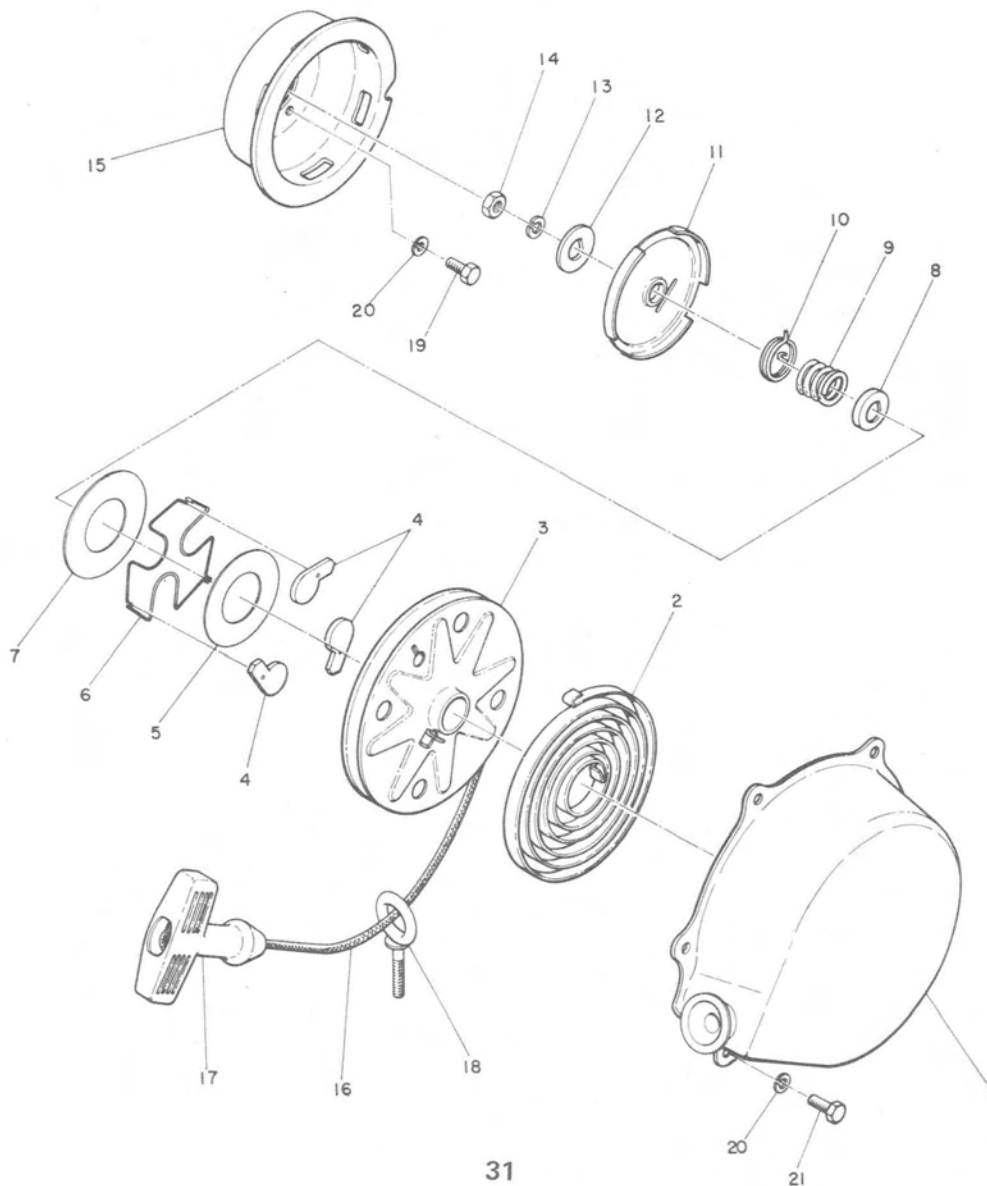


**.020 OVERSIZE PISTON AND RING CHART
TO FIT ALL ENGINES AS DESIGNATED BELOW**

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 – 250, 340, 440

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	3082486	Recoil Starter	11	3082322	Friction Plate
	3082487	Recoil Case	12	3081240	Washer B
2	3082415	Power Spring	13	3081239	Spring Washer
3	3082488	Reel	14	3081086	Nut
4	3082318	Ratchet	15	3082326	Starter Pulley
5	3082489	Slide Plate B	16	3082416	Starter Rope
6	3082319	Return Spring	17	3081578	Starter Knob
7	3082490	Slide Plate	18	7080072	Eye Bolt
8	3082492	Washer A	19	3080146	Bolt
9	3081238	Friction Spring	20	3080077	Spring Washer
10	3082118	Return Spring	21	3080291	Bolt



MAGNETO — 250, 340, 440

[illegible]

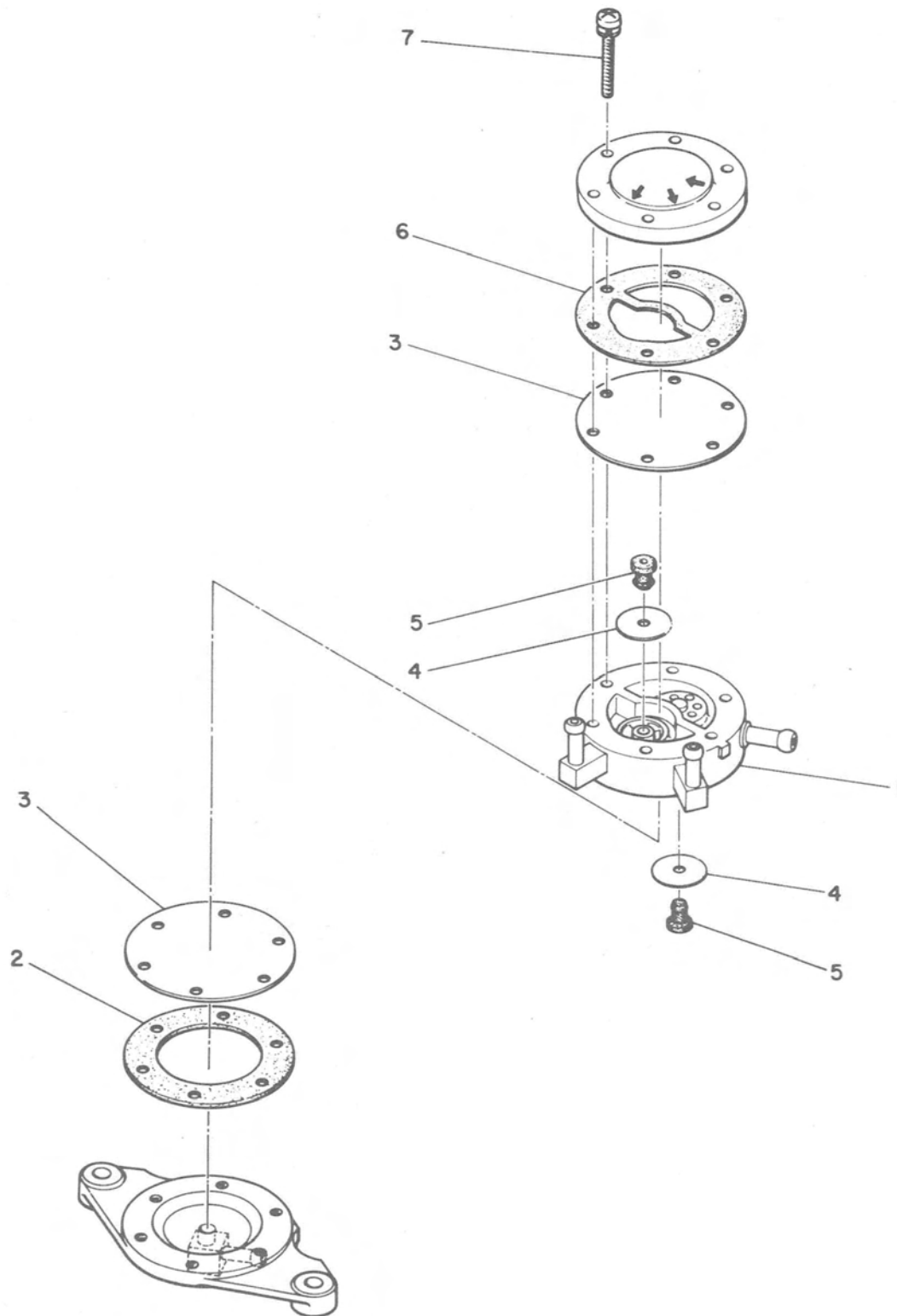
This technical diagram illustrates the exploded view of a rear window motor assembly. The components are numbered as follows:

- 1**: Motor housing with internal wiring terminals.
- 2**: Small electrical connector or plug.
- 3**: Mounting bracket or armature support.
- 4**: Electrical connector for the motor.
- 5**: Small screw or fastener.
- 6**: Bolt or screw for mounting.
- 7**: Nut or washer.
- 8**: Motor armature or coil.
- 9**: Mounting plate or bracket.
- 10**: Large circular mounting flange.
- 11**: Smaller circular flange or disc.
- 12**: Bolt or screw for the flange.
- 13**: Electrical connector for the motor.
- 14**: Electrical connector for the motor.
- 15**: Electrical connector for the motor.
- 16**: Motor unit with a label.
- 17**: Mounting bracket for the motor.
- 18**: Bolt or screw for the motor.
- 19**: Bolt or screw for the motor.
- 20**: Bolt or screw for the motor.
- 21**: Small screw or fastener.
- 22**: Small screw or fastener.
- 23**: Small screw or fastener.
- 24**: Motor unit with a label.

FUEL PUMP — 250, 340, 440

[illegible]

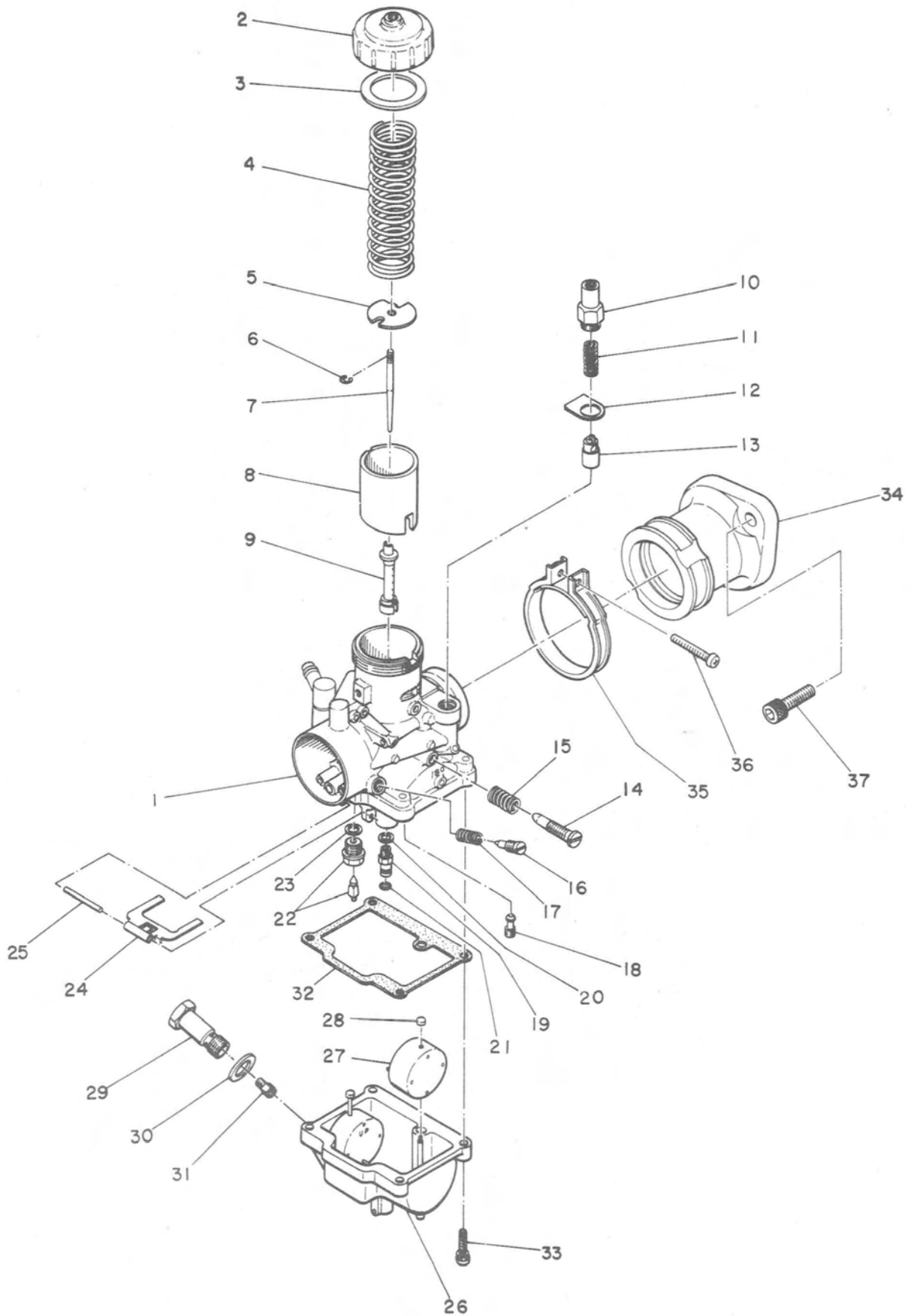
FUEL PUMP — 250, 340, 440



CARBURETOR — 250, 340, 440

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CARBURETOR — 250, 340, 440





Polaris E-Z-Go Division of Textron Inc.

Part No. 9910519

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