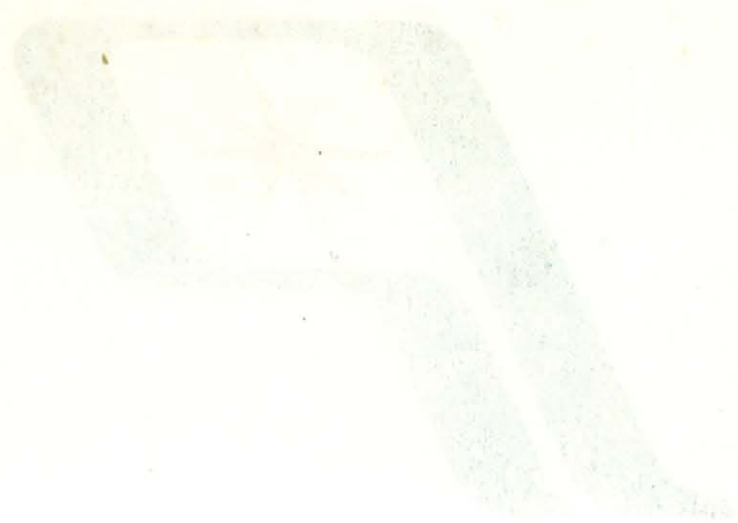




1972 *Polaris*®

RACING PARTS BOOK



THE
RACING
PARTS BOOK

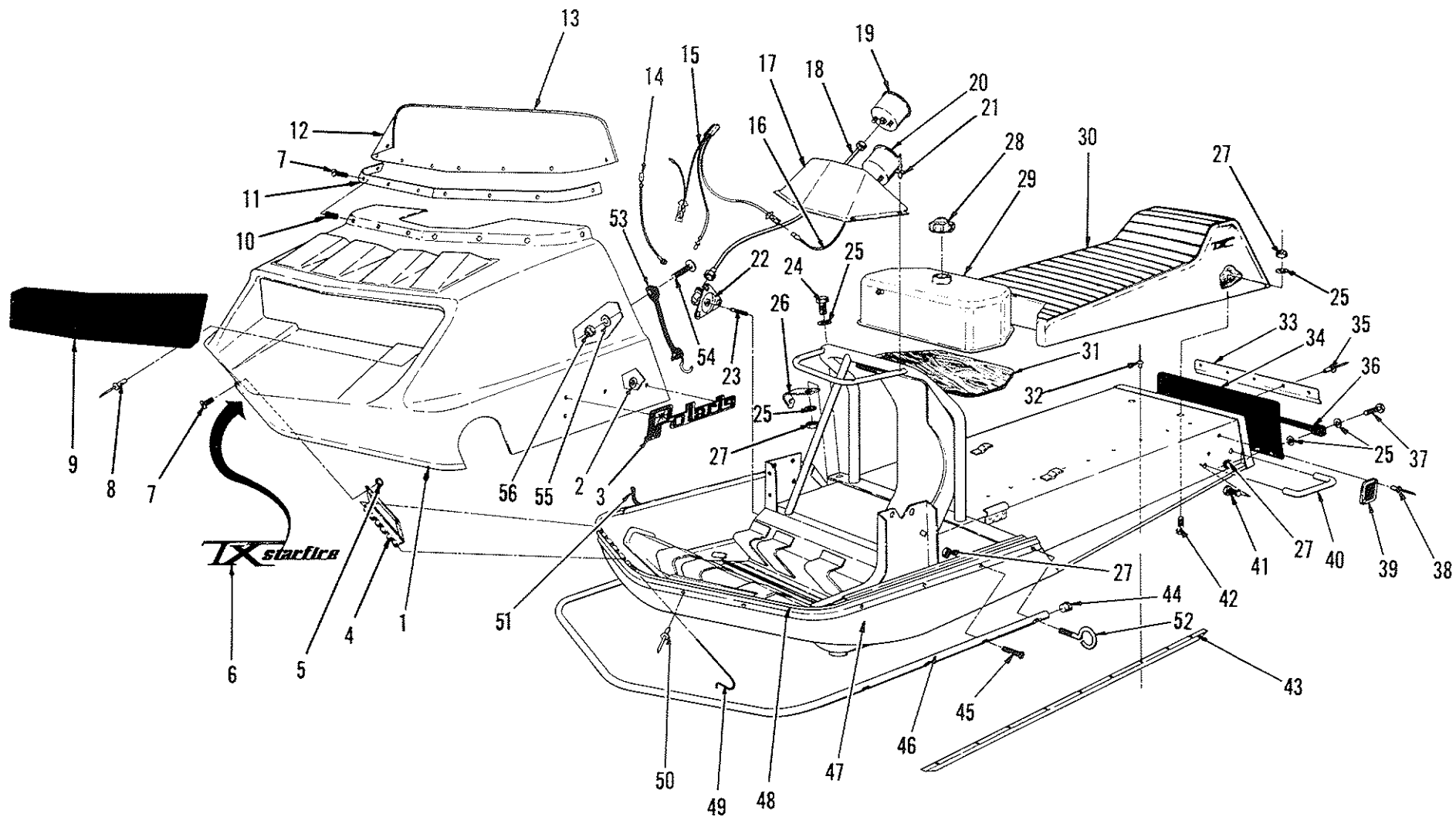
RACING PARTS BOOK

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BODY & TRIM GROUP

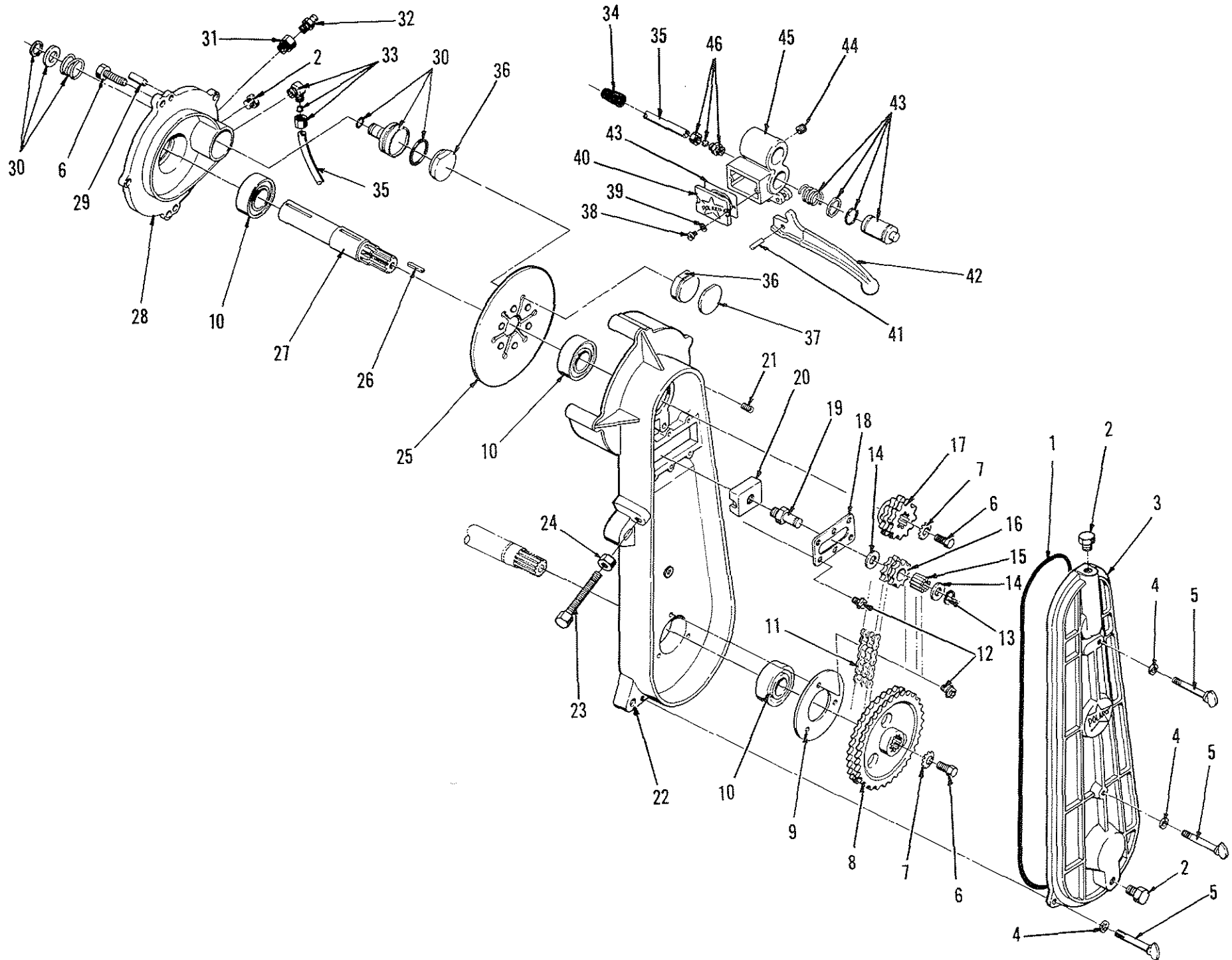
ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	5440101	Hood — 650 & 795	30	2681083	Seat Cushion
	5440102	Hood — 294, 335, & 439	31	5332272	Gas Tank Pad
2	7670009	Push-On Nut	32	7621402	Pop Rivet
3	5430180	Nameplate	33	5223229	Backing Plate
4	5210585	Hood Hinge	34	5420106	Mud Flap
5	7541911	Flex-Loc Nut	35	7621401	Pop Rivet
6	7071263	Hood Decal	36	5420006	Tarp Strap
7	7511904	Machine Screw	37	7512126	Cap Screw
8	7621319	Black Pop Rivet	38	7621320	Red Pop Rivet
9	5430225	Grill	39	5430206	Side Marker
10	7541901	Well Nut	40	2670029	Rear Handle
11	5223680	Windshield Attaching Band	41	7512381	Machine Screw
12	5850028	Windshield	42	7512163	Cap Screw
13	5521043	Windshield Trim	43	5510024	Tunnel Strip
14	2460141	Ground Wire	44	5430222	Bumper Plug
15	2460139	Main Harness	45	7512107	Machine Screw
16	2460140	Tach Lead Wire — 294, 335	46	2670030	Bumper
17	5430223	Instrument Console	47	1011270	Main Body Weldment —
18	3280005	Speedometer Cable			294, 335, 439 Cleated Track
19	2870156	Speedometer		1011271	Main Body Weldment —
20	2870213	Tachometer — 439, 650, 795			294, 335, 439 Rubber Track
	2870155	Tachometer — 294, 335		1011272	Main Body Weldment —
21	7621301	Pop Rivet			650 Cleated Track
22	3280012	Speedometer Angle Drive —		1011273	Main Body Weldment —
		All Except 439 & 650 Cleated Track			650, 795 Rubber Track
	3280010	Speedometer Angle Drive —	48	5510035	Nose Pan Extrusion
		439 & 650 Cleated Track Only	49	5224135	Hinge Pin
23	3280003	Speedometer Insert Extension	50	7621425	Pop Rivet
24	7512111	Cap Screw	51	5420005	Sponge Rope
25	7558301	Flat Washer	52	5332327	Tuned Pipe Bracket
26	5223678	Strap	53	5420108	Tarp Strap w/Hook
27	7542114	Flex Loc Nut	54	7511937	Machine Screw
28	2511069	Gas Cap	55	7558201	Flat Washer
29	2511096	Gas Tank	56	7541906	Flex-Loc Nut



CHAINCASE ASSEMBLY

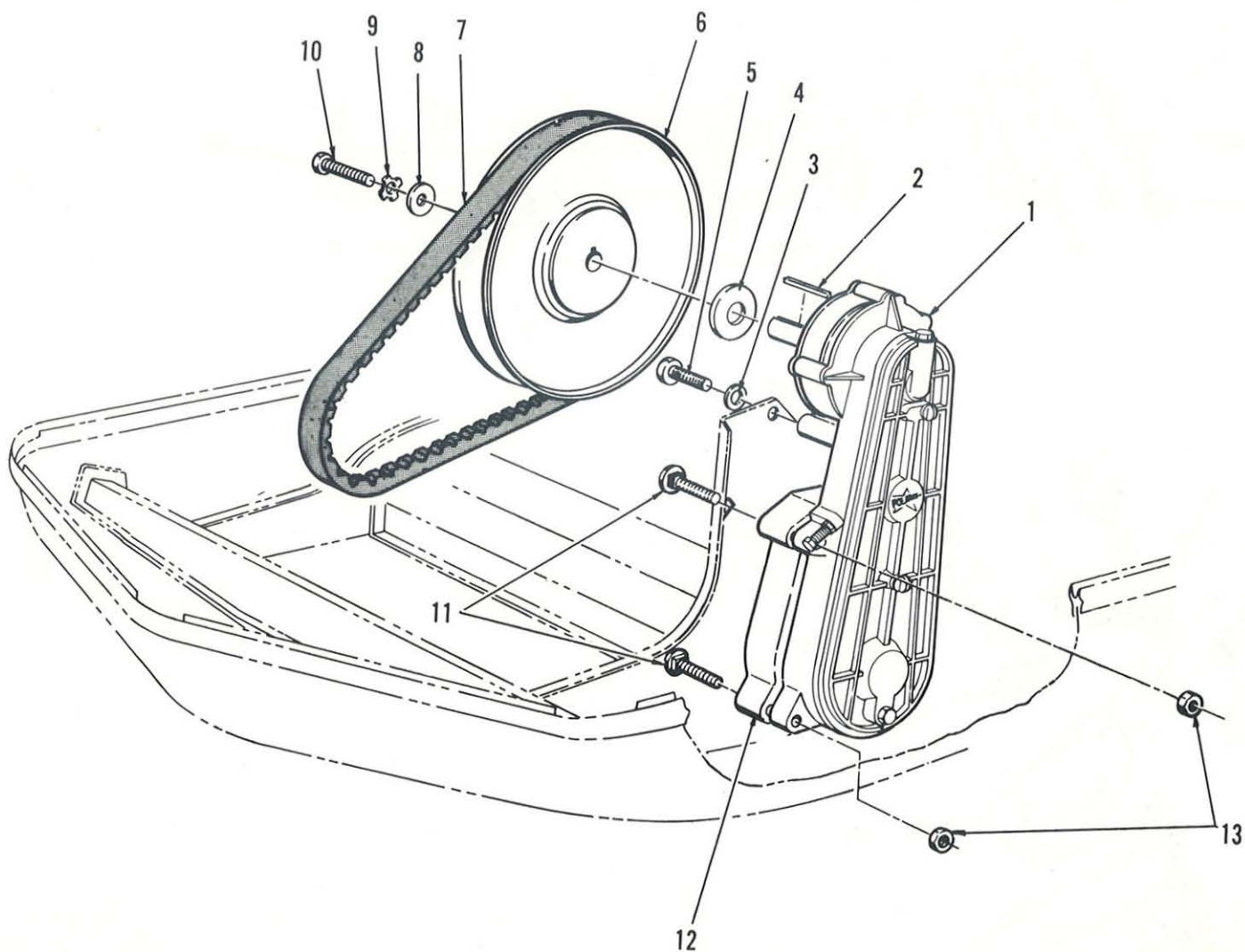
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CHAINCASE ASSEMBLY

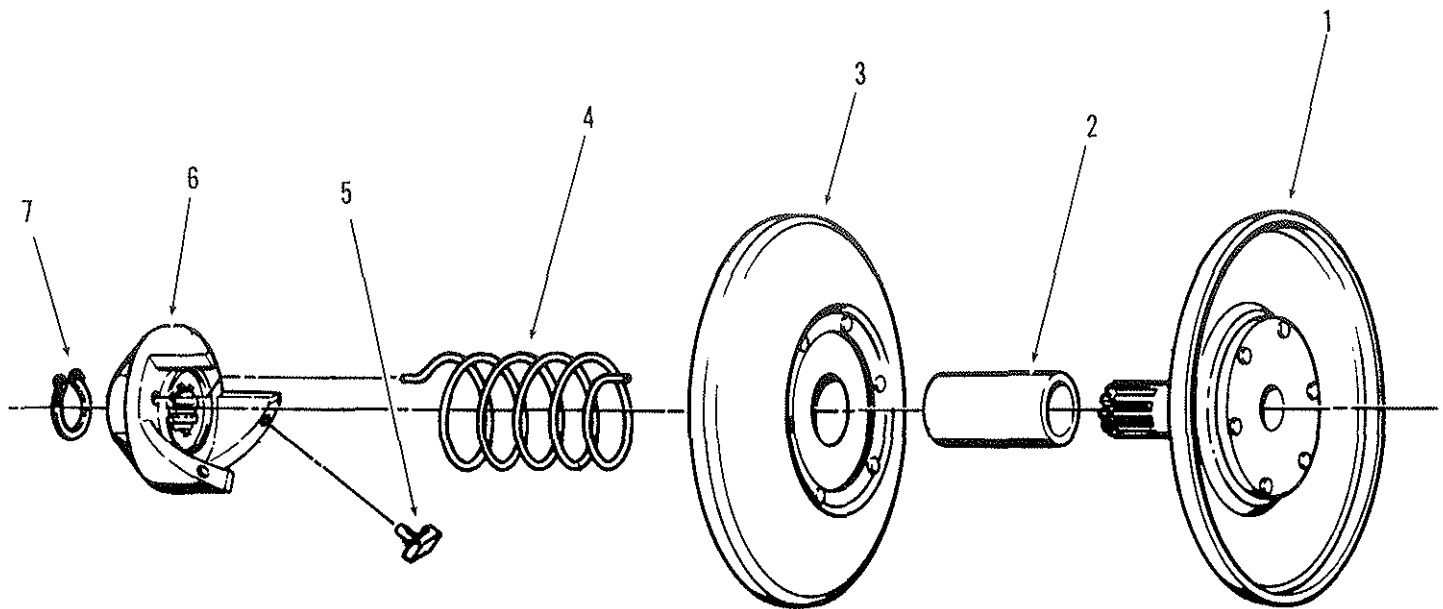


CHAINCASE MOUNTING

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1		Chaincase — See Chaincase Assembly	8	5221207	Clutch Cap
2	7721103	Square Key	9	7577908	Loc-Washer
3	7558402	Flat Washer	10	7512328	Cap Screw
4	7556401	Machinery Bushing	11	7512496	Carriage Bolt
5	7512325	Cap Screw	12	5630050	Chaincase Spacer
6	1322060	Driven Clutch	13	7542423	Uni-Torque Hex Nut
7	3211032	Drive Belt			



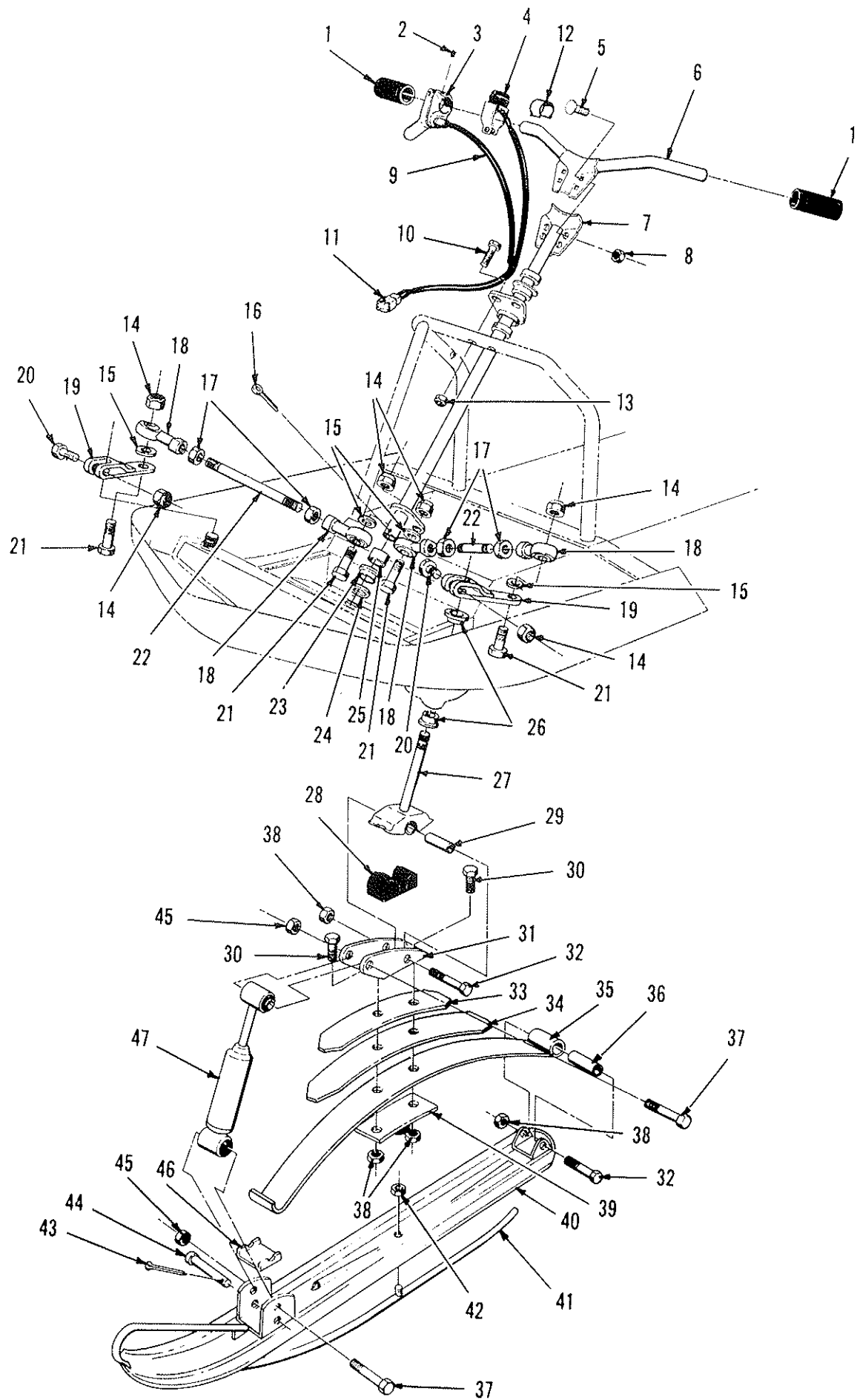
RAMP CLUTCH

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STEERING ASSEMBLY

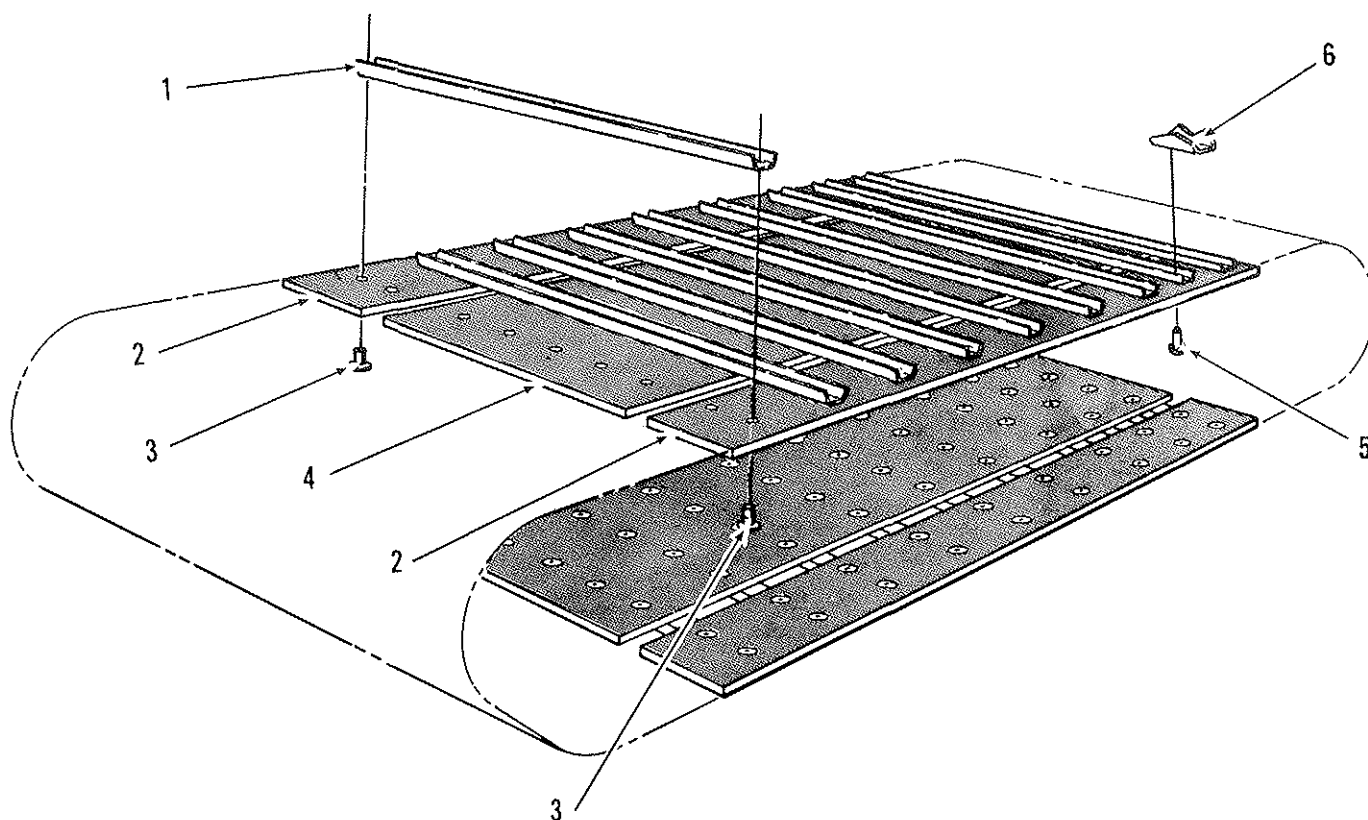
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STEERING ASSEMBLY



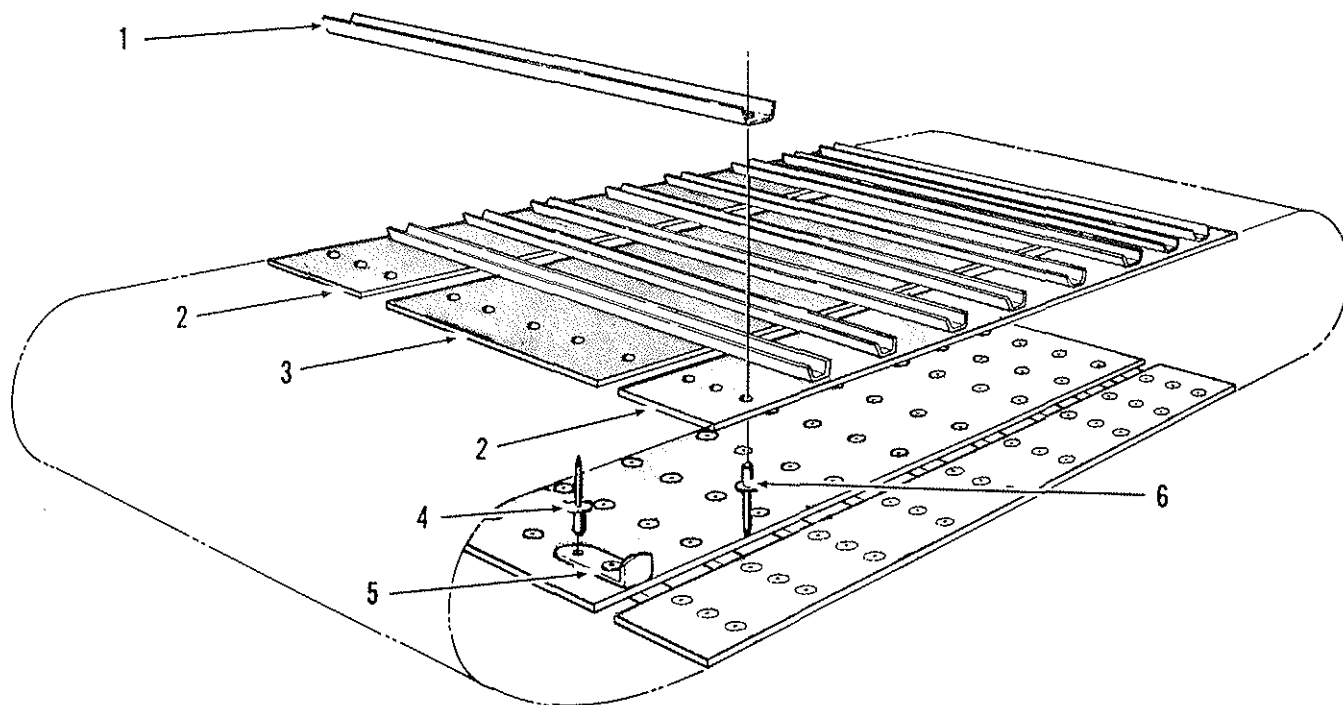
TRACK ASSEMBLY – CLEATED TRACK 439 & 650

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	1510124	Track Assembly	4	5410161	Inside Belt
1	5221425	Cleat	5	7621418	Pop Rivet
2	5410162	Outer Belt	6	5221548	Ice Growser
3	7621401	Pop Rivet			



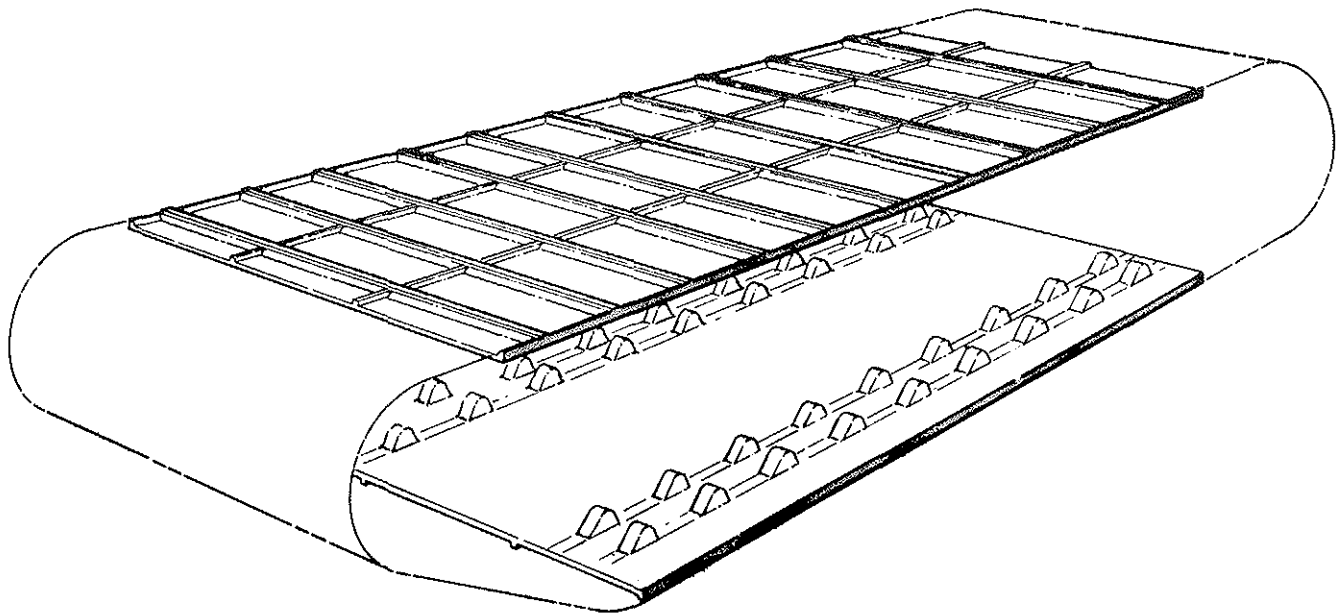
TRACK ASSEMBLY – CLEATED TRACK 294 & 335

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	1510118	Track Assembly Complete (Incl. 1 - 6)	4	7621419	Pop Rivet
1	5221425	Cleat	5	5221448	Guide
2	5410140	Outer Belt	6	7621401	Pop Rivet
3	5410141	Center Belt			



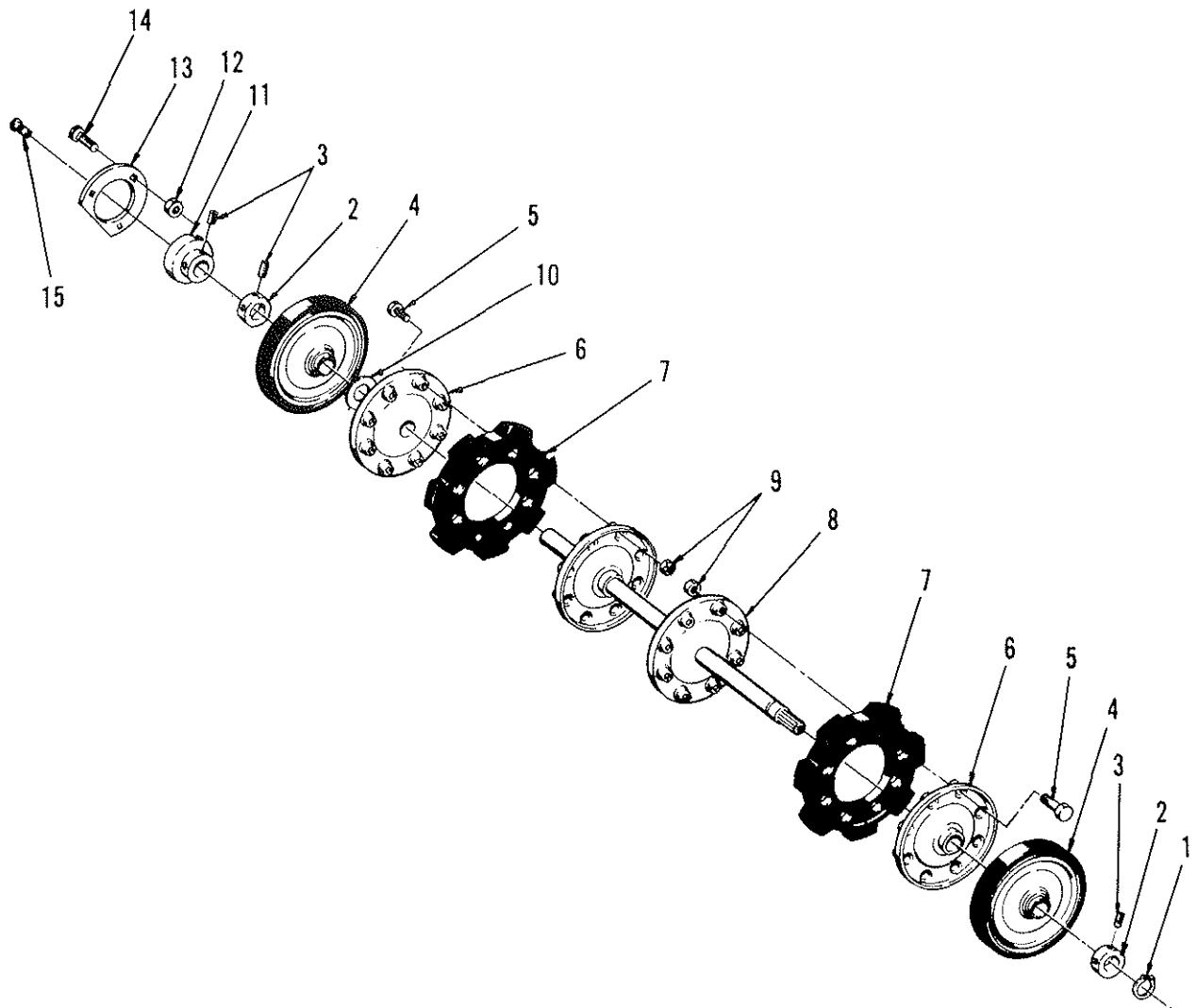
TRACK ASSEMBLY – RUBBER TRACK 294/335/439/650/795

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	5410186	Rubber Track			



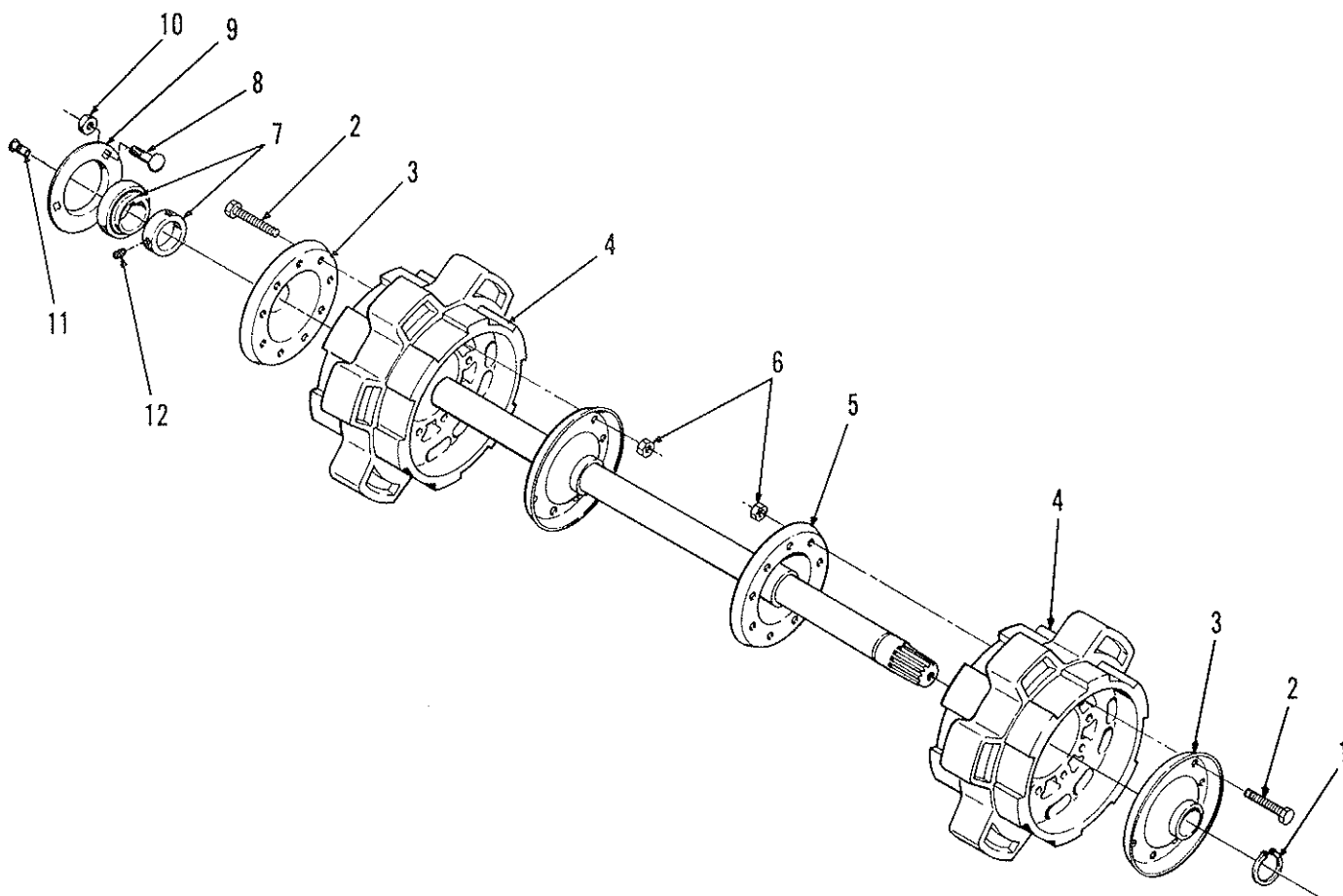
DRIVE SHAFT – CLEATED TRACK 439 & 650

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	7713901	Retainer Ring	9	7542103	Flex-Loc Nut
2	1590104	Lock Collar (Incl. Set Screw)	10	7556501	Machinery Bushing
3	7512308	Set Screw	11	3514501	Bearing w/Lock Collar
4	5430209	Idler Wheel	12	7542303	Flex-Loc Nut
5	7512102	Cap Screw	13	5221329	Flangette
6	5221044	Sprocket Flange	14	7512307	Cap Screw
7	5410085	7 Tooth Sprocket	15	3280002	Speedometer Bushing
8	1590162	Drive Shaft Weldment – 650 Only			
	1590158	Drive Shaft Weldment – 439 Only			

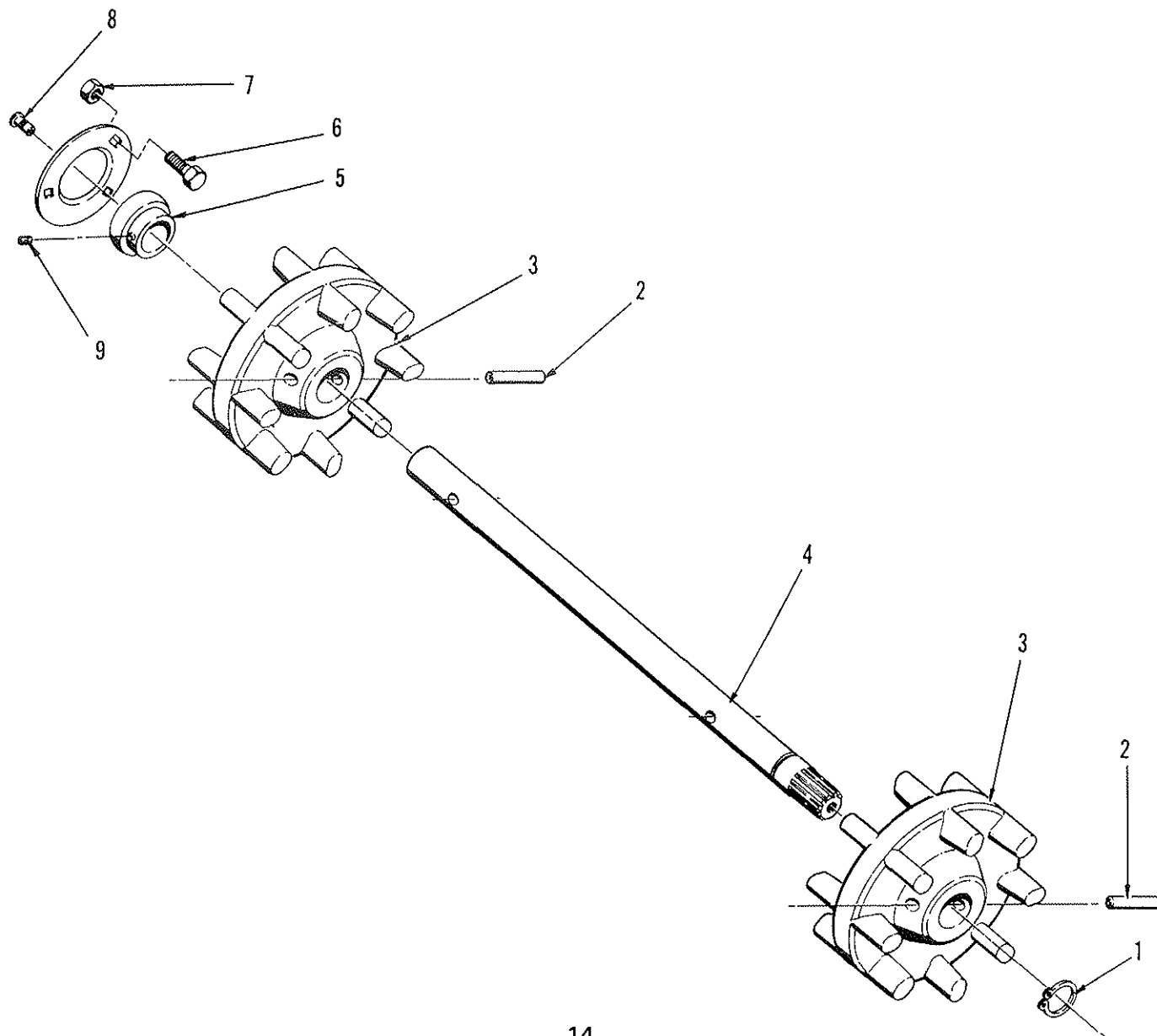


DRIVE SHAFT — CLEATED TRACK 294 & 335

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	7713901	Snap Ring	7	3514501	Bearing w/Lock Collar
2	7512126	Cap Screw	8	7512307	Cap Screw
3	5221337	Sprocket Hub	9	5221329	Flangette
4	5430185	Sprocket — 6 Tooth	10	7542303	Flex-Loc Nut
5	1590166	Drive Shaft Weldment	11	3280002	Speedometer Bushing
6	7542103	Flex-Loc Nut	12	7512308	Set Screw



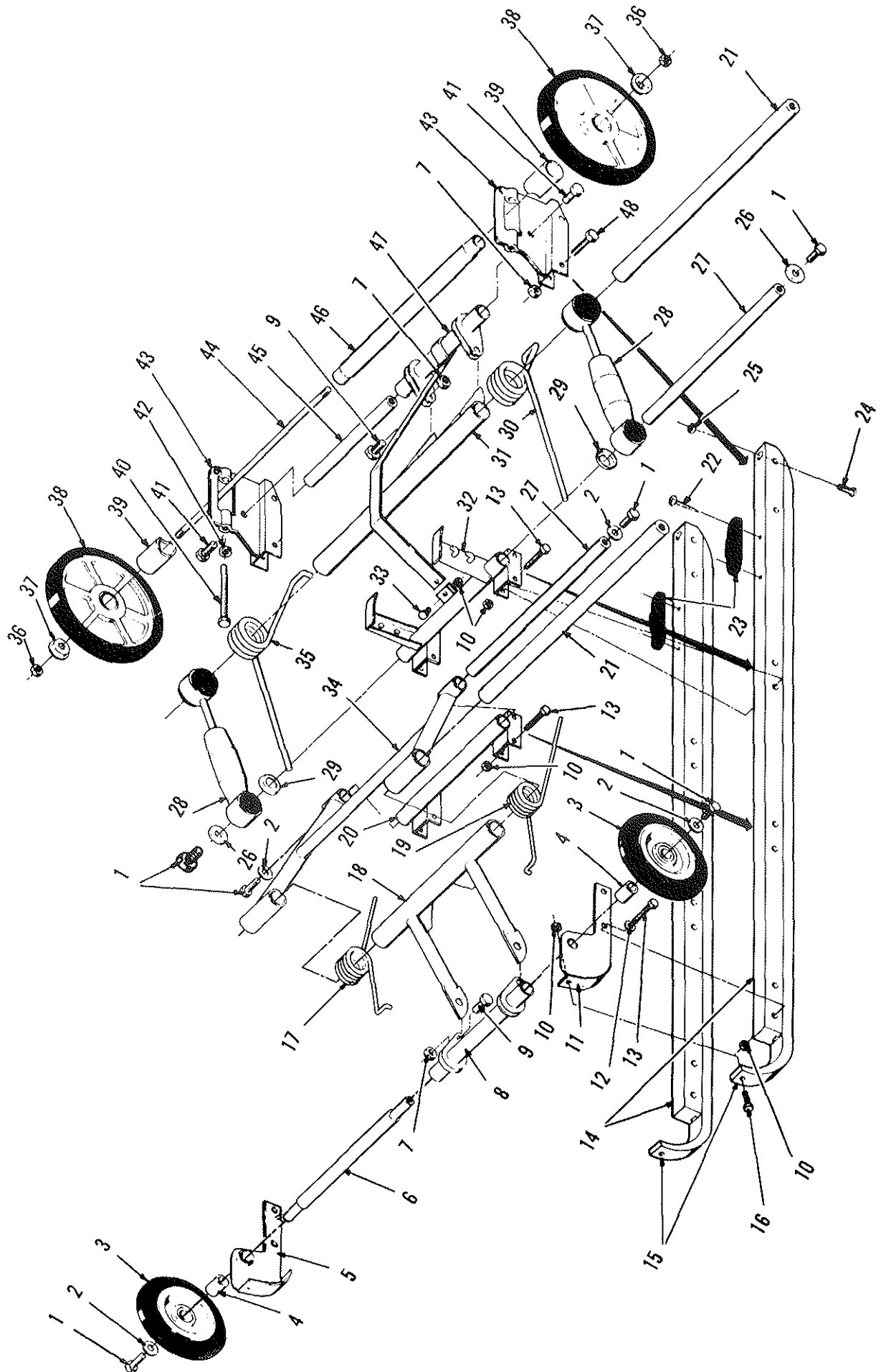
DRIVE SHAFT ASSEMBLY — RUBBER TRACK 294, 335, 439, 650, 795

[illegible]

SLIDE RAIL ASSEMBLY -- CLEATED TRACK 439 & 650

[illegible]

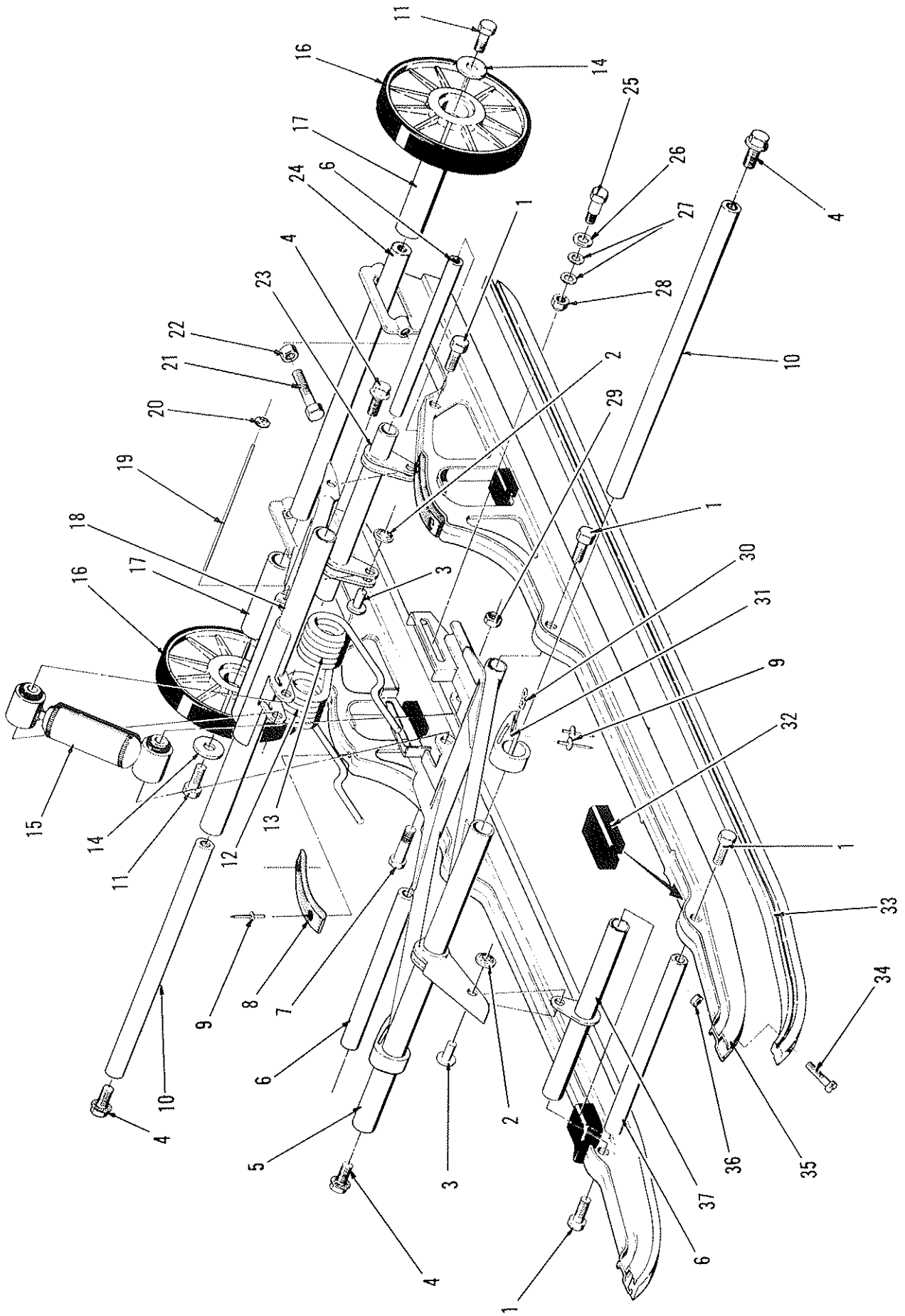
SLIDE RAIL ASSEMBLY – CLEATED TRACK 439 & 650



SLIDE RAIL - CLEATED TRACK 294 & 335

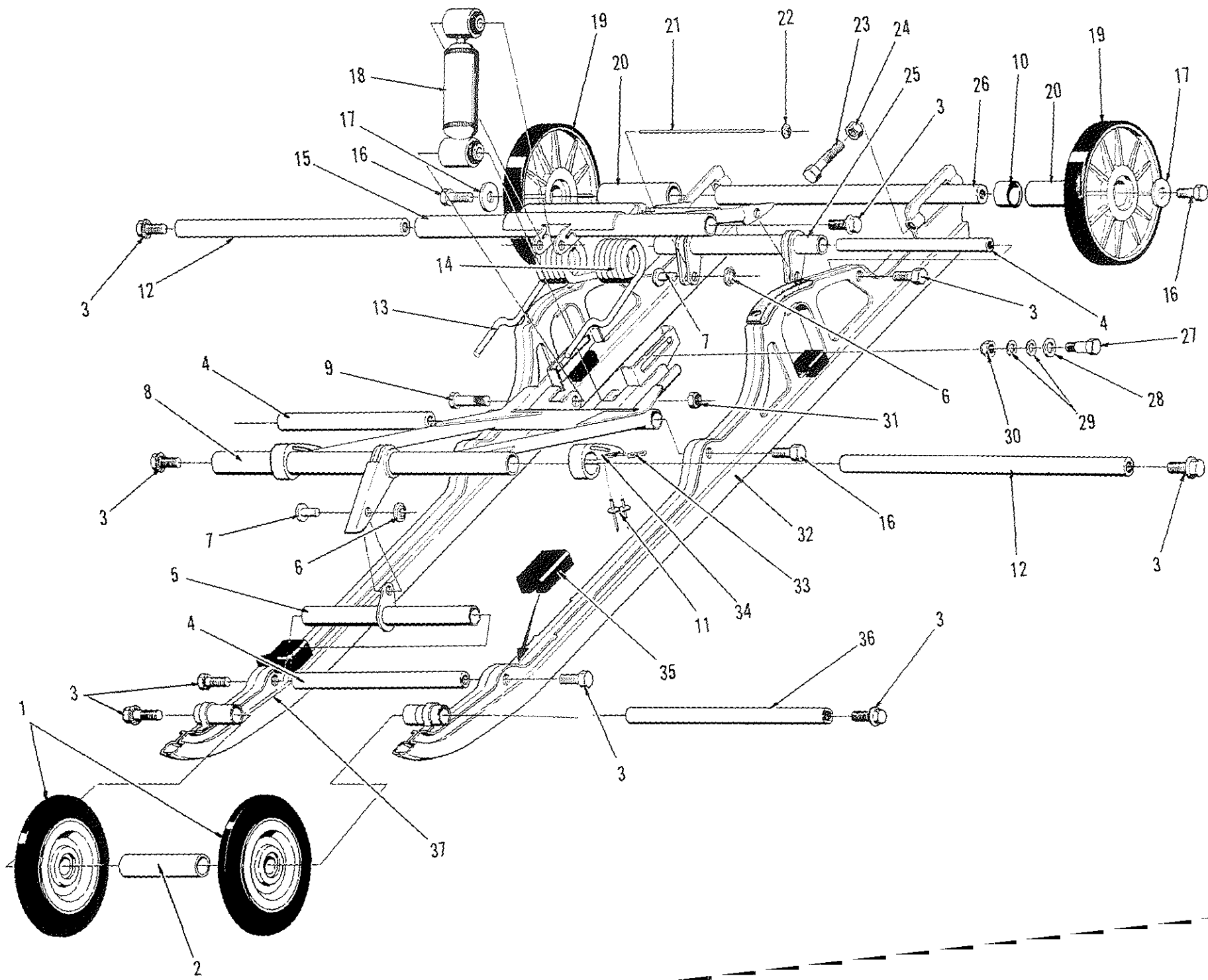
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SLIDE RAIL – CLEATED TRACK 294 & 335



SLIDE RAIL – RUBBER TRACK 294/335/439/650/795

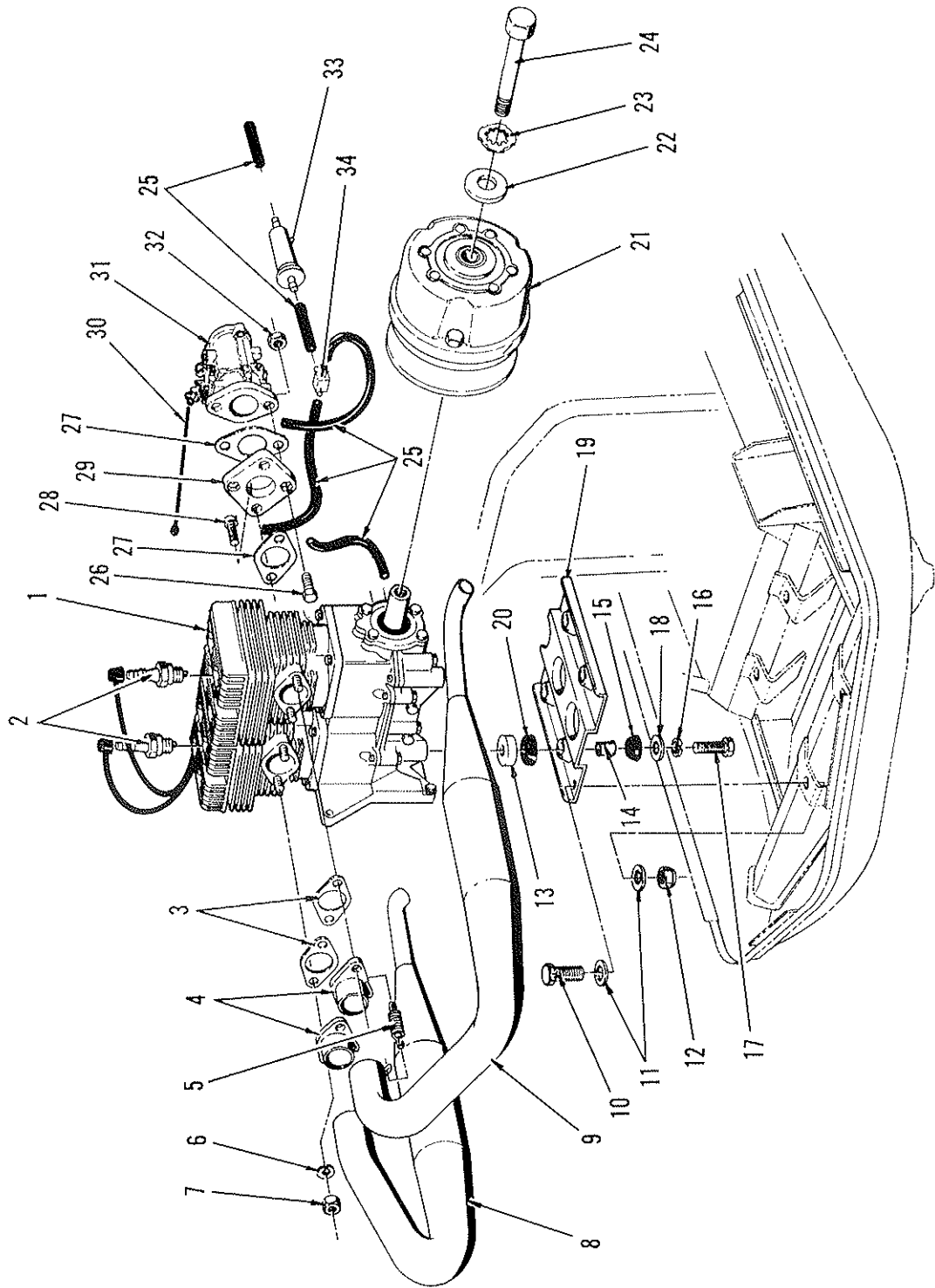
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SLIDE RAIL - RUBBER TRACK 294/335/439/650/795

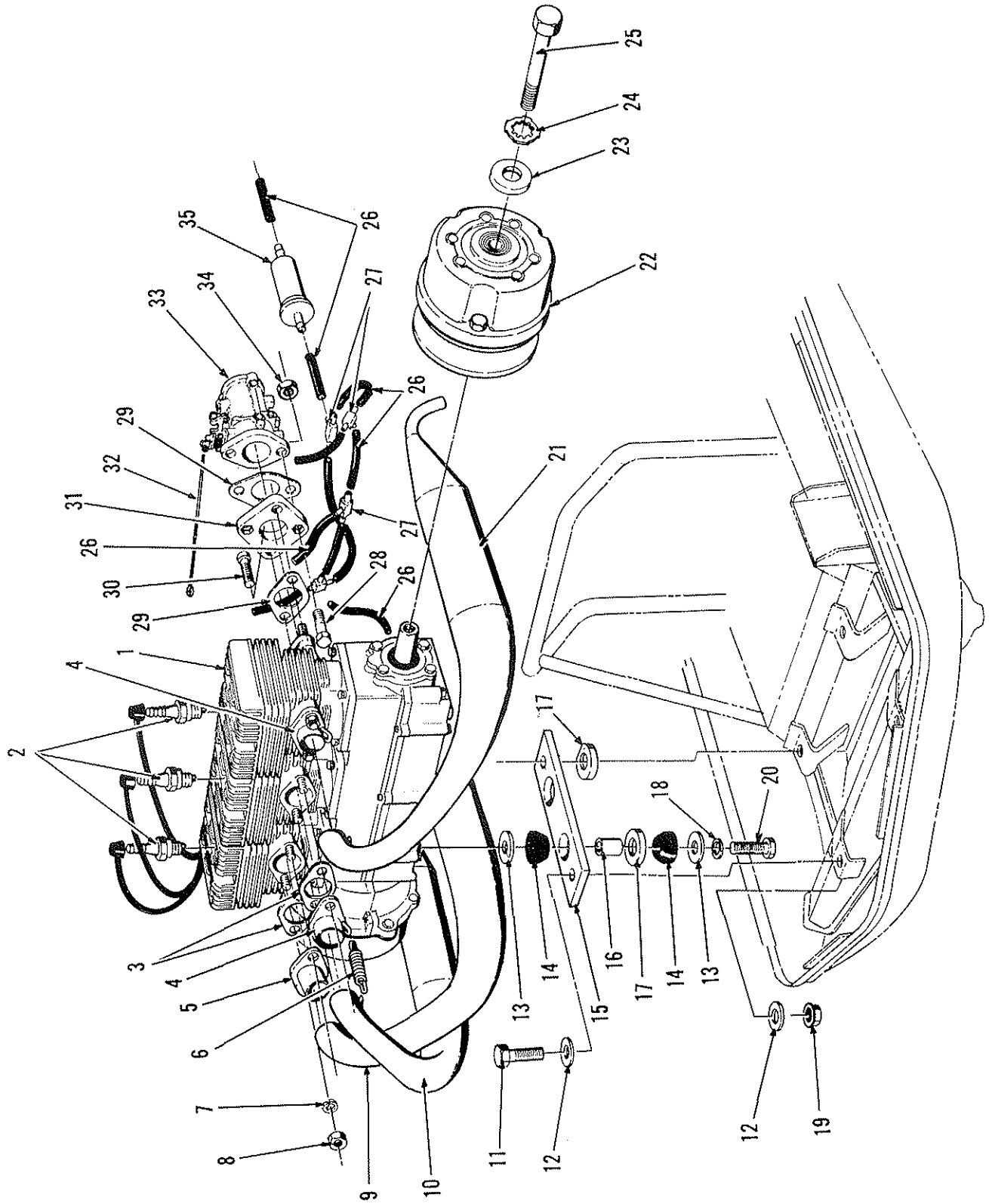
ENGINE MOUNTING — 294, 335 cc

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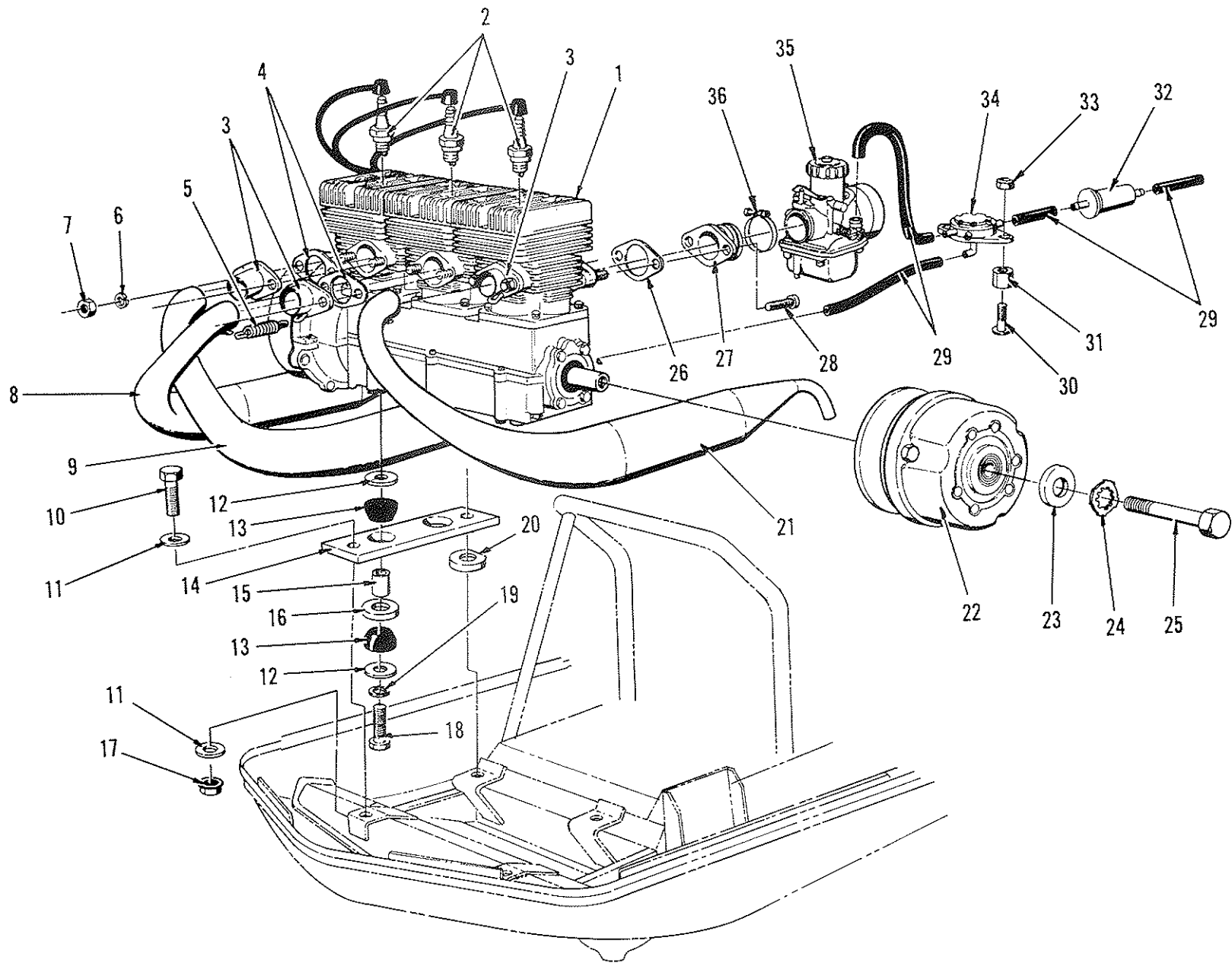
ENGINE MOUNTING 439 cc

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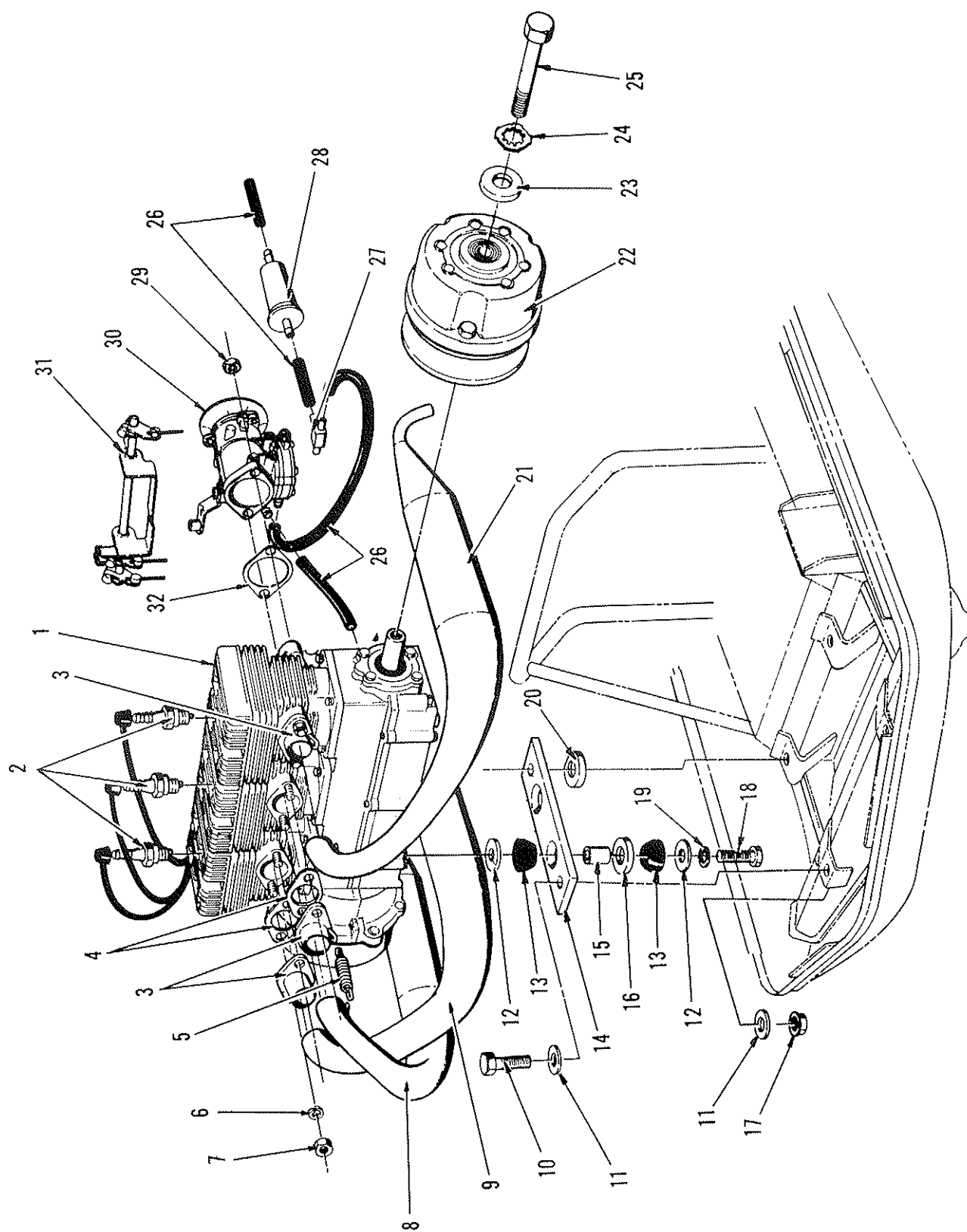
ENGINE MOUNTING 650cc

[illegible]



ENGINE MOUNTING 795 cc

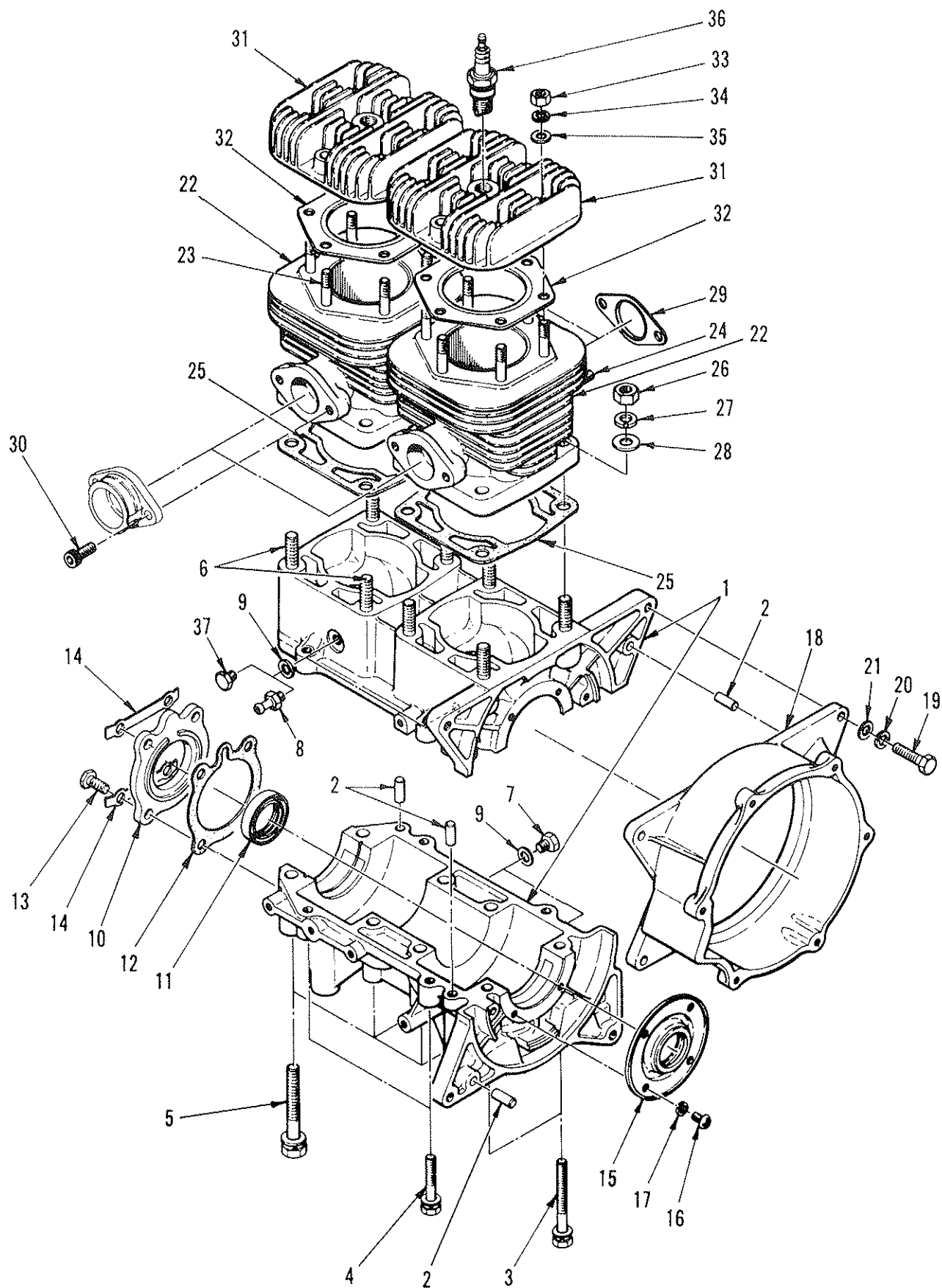
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CRANKCASE & CYLINDER 294 & 335 cc

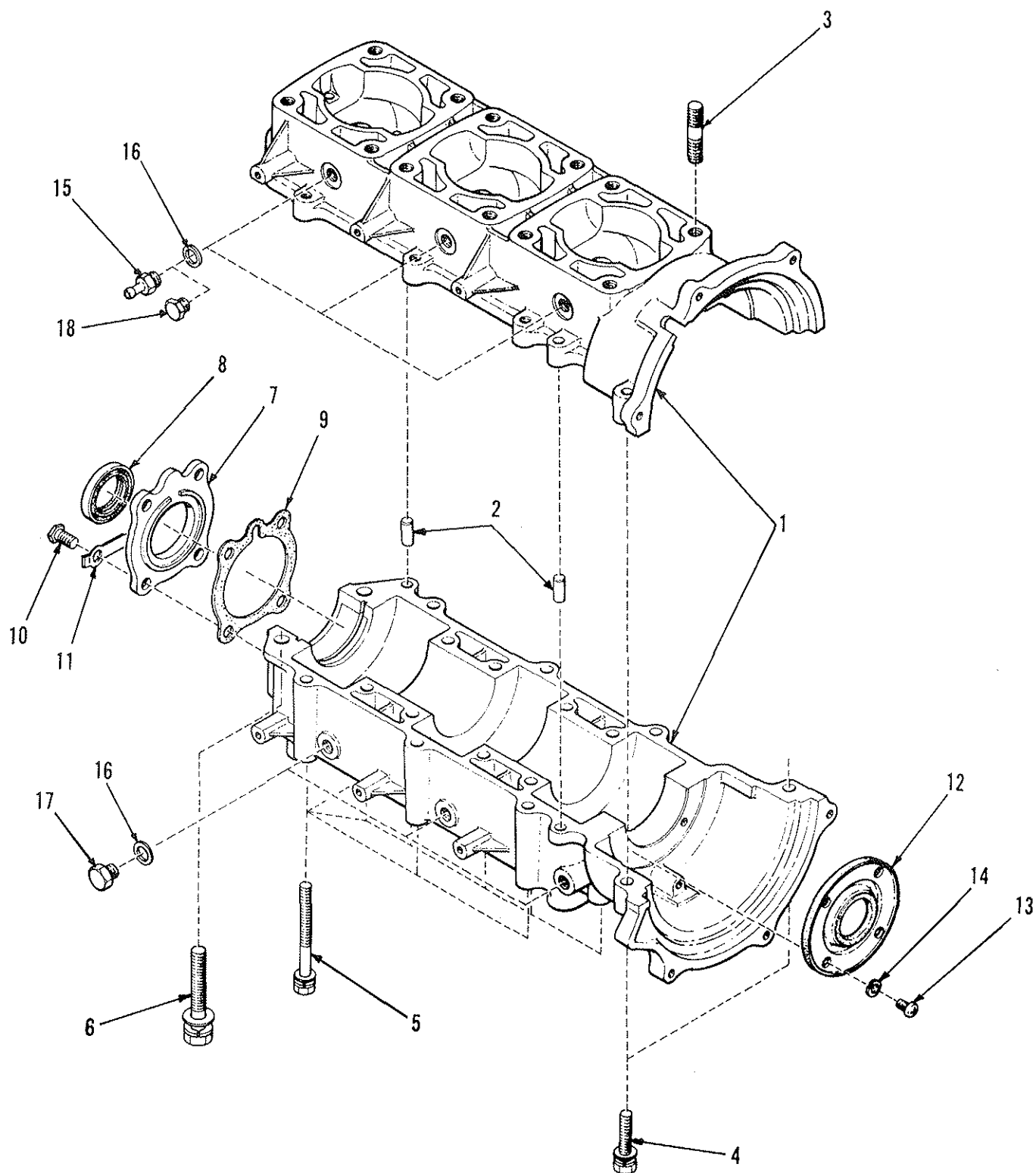
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CRANKCASE & CYLINDER 294 & 335 cc



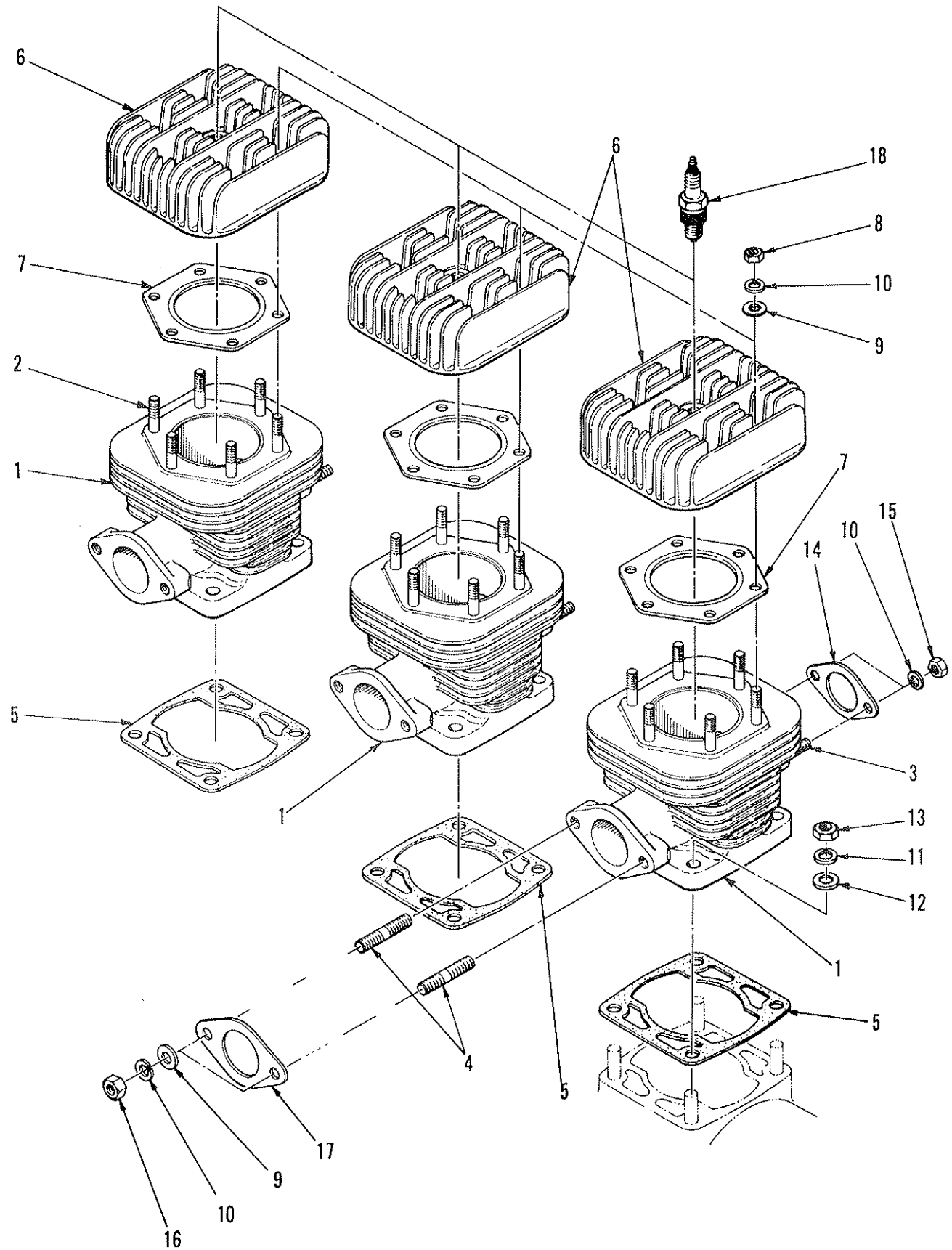
CRANKCASE 439, 650, 795 cc

[illegible]



CYLINDER 439, 650, 795 cc

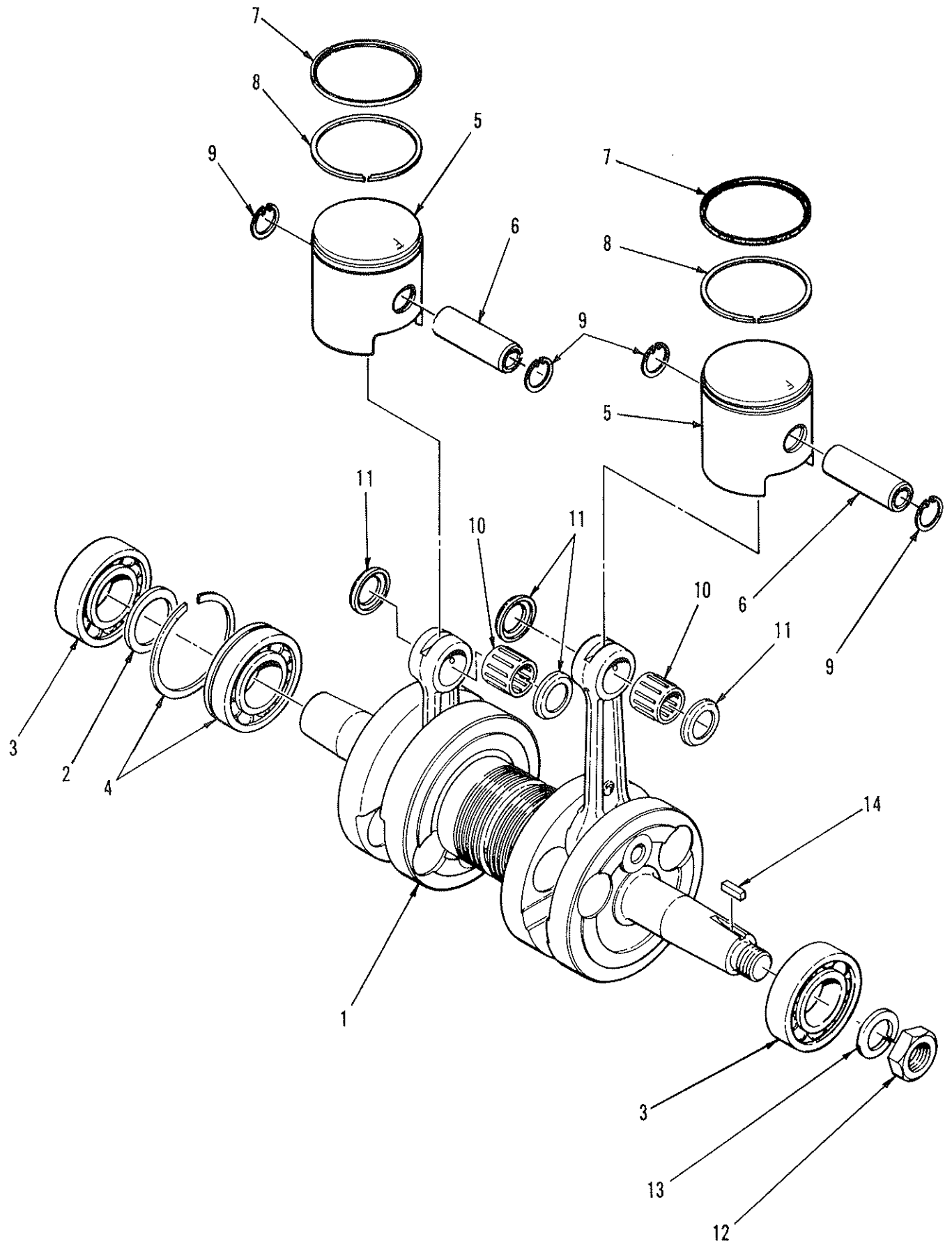
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CRANKSHAFT & PISTON 294, 335 cc

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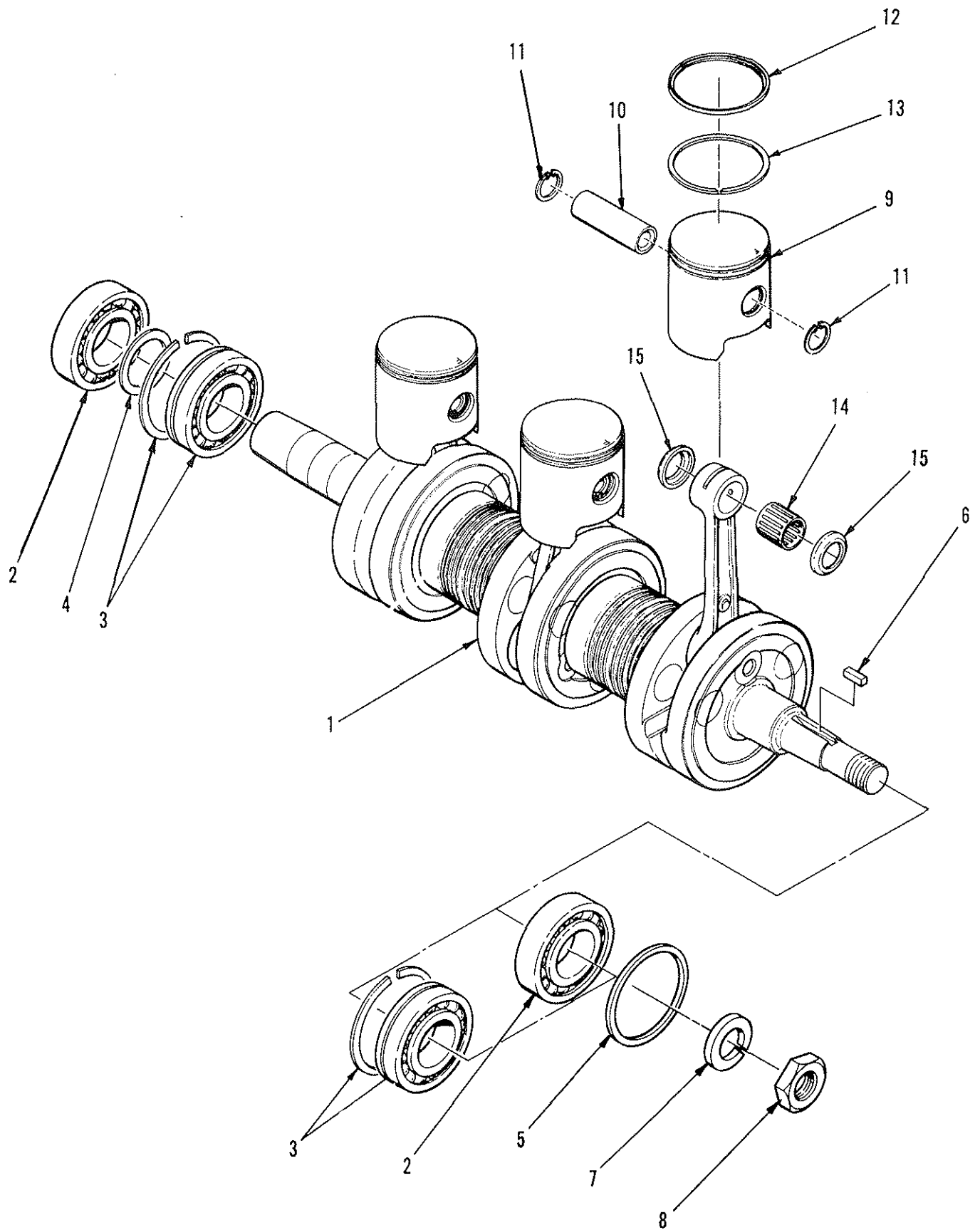
CRANKSHAFT & PISTON 294, 335 cc



CRANKSHAFT & PISTON 439, 650, 795 cc

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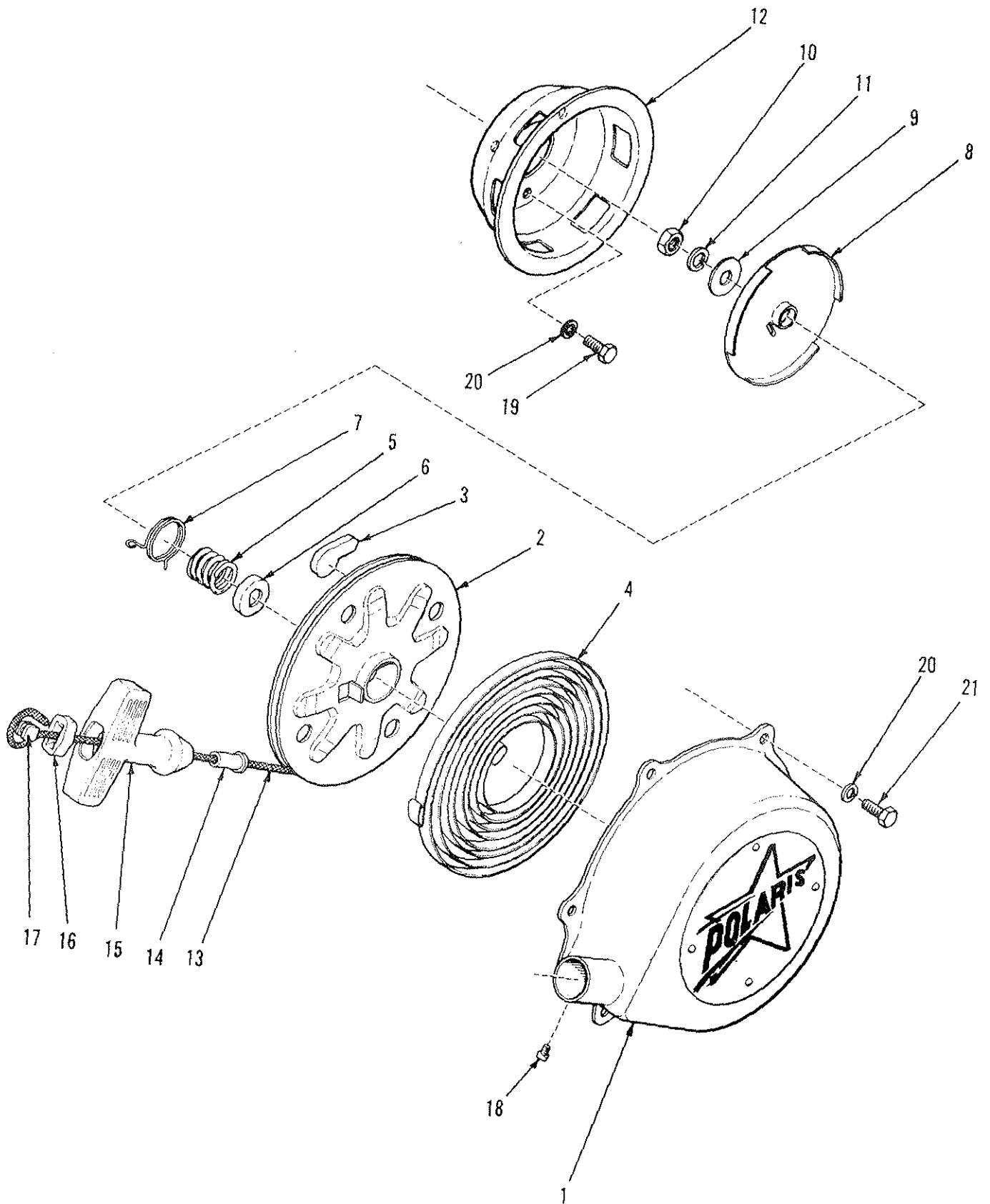
CRANKSHAFT & PISTON 439, 650, 795 cc



RECOIL STARTER (ALL MACHINES)

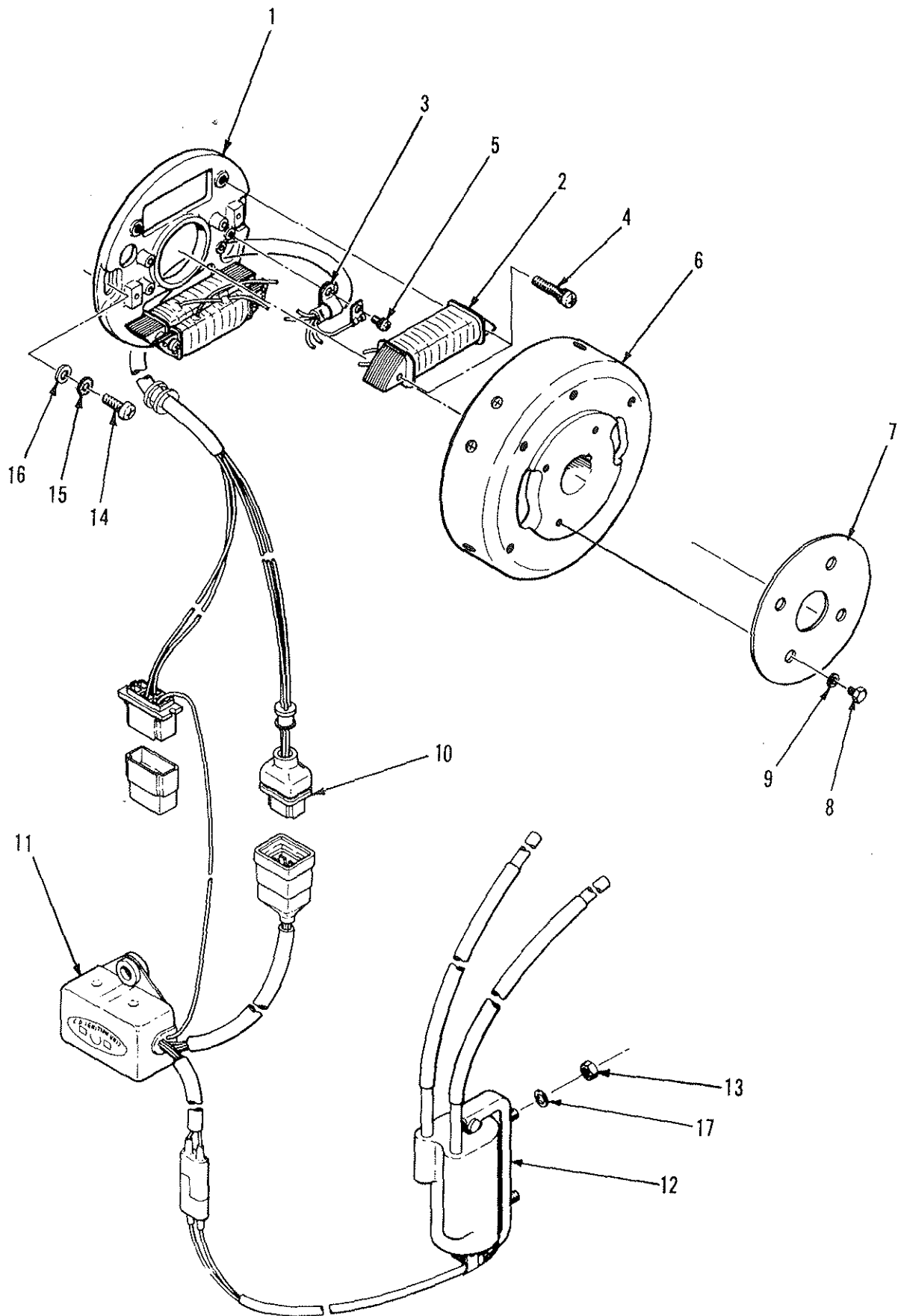
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RECOIL STARTER (ALL MACHINES)



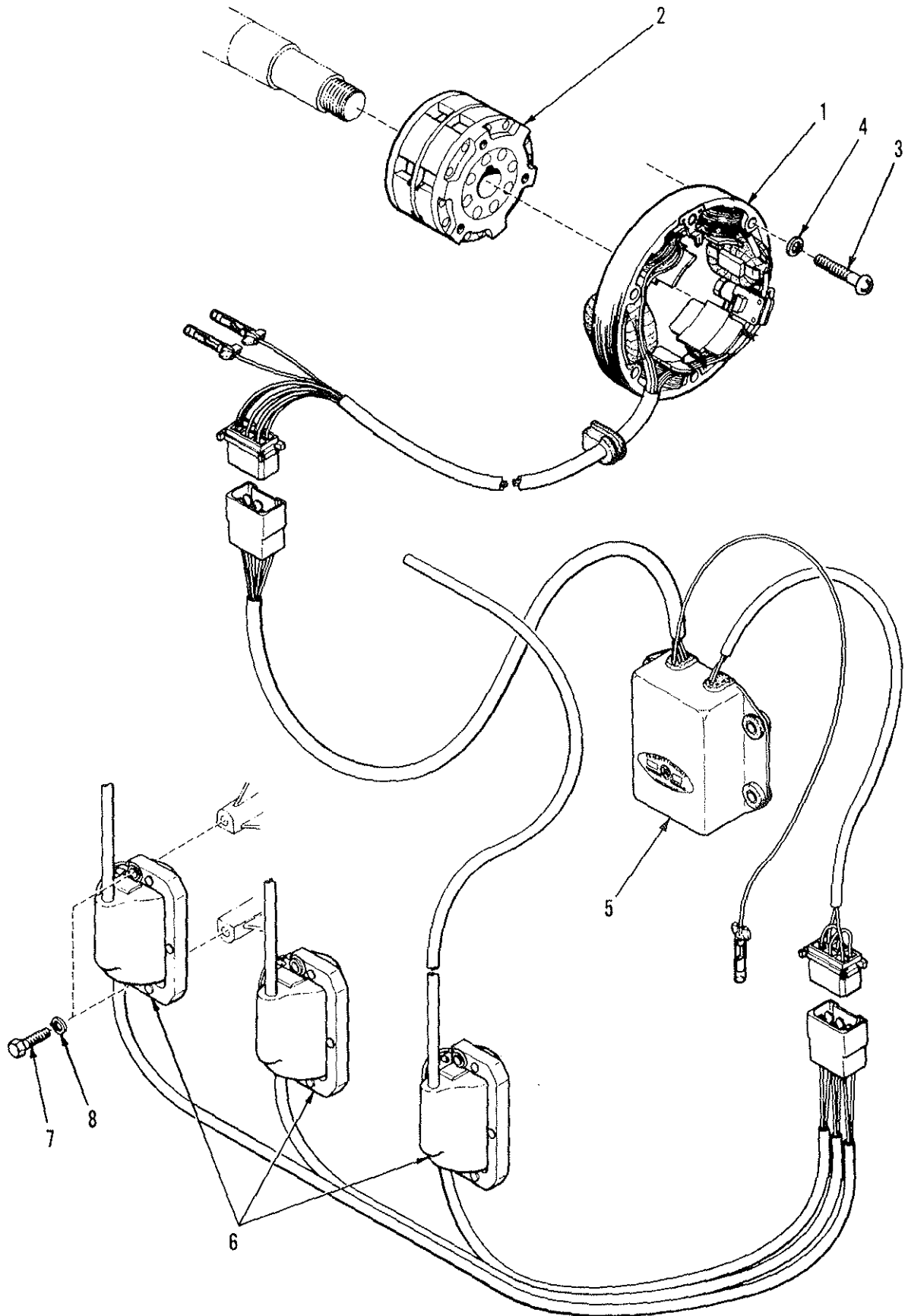
MAGNETO 294, 335 cc

[illegible]



MAGNETO 439, 650, 795 cc

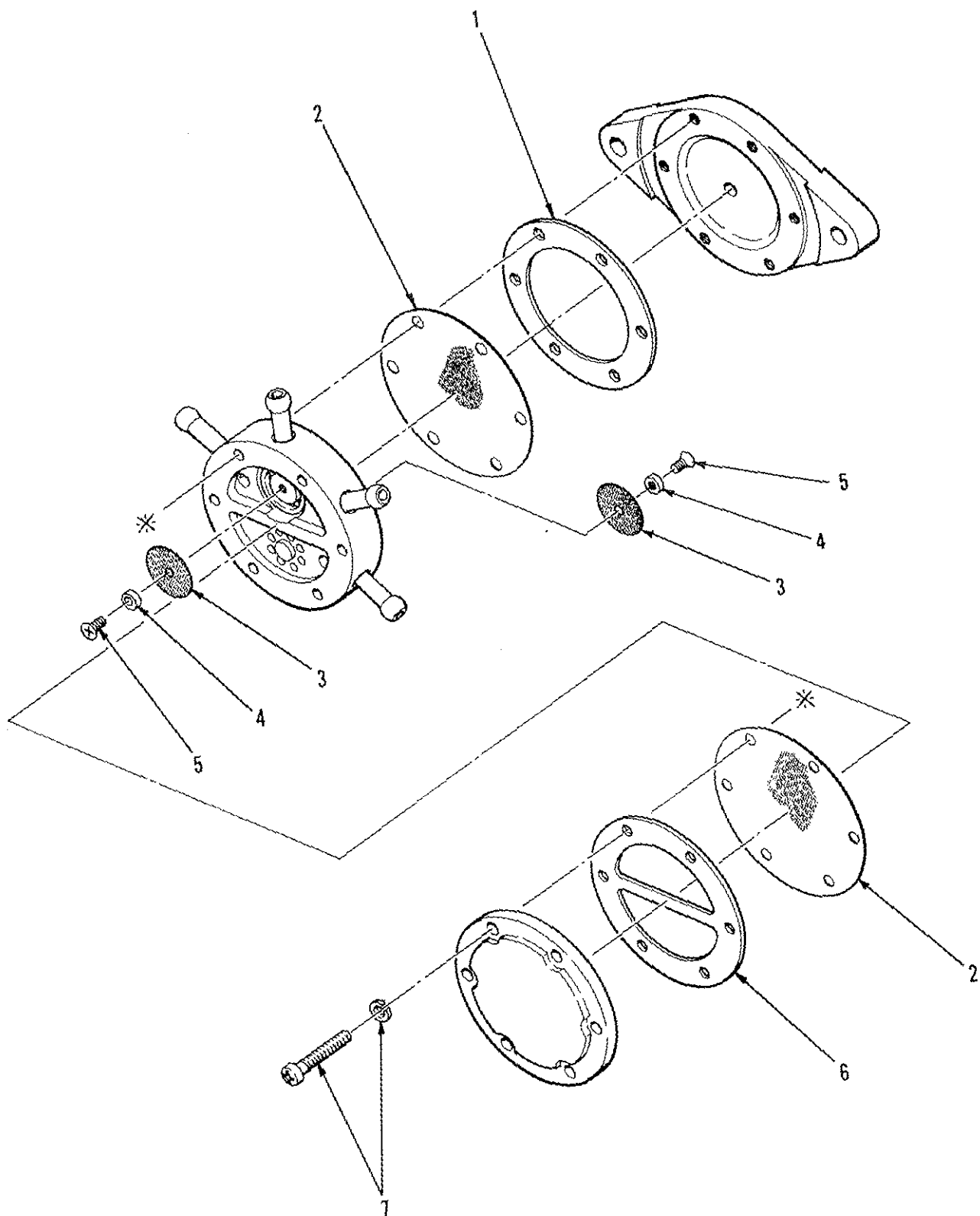
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FUEL PUMP 650 cc

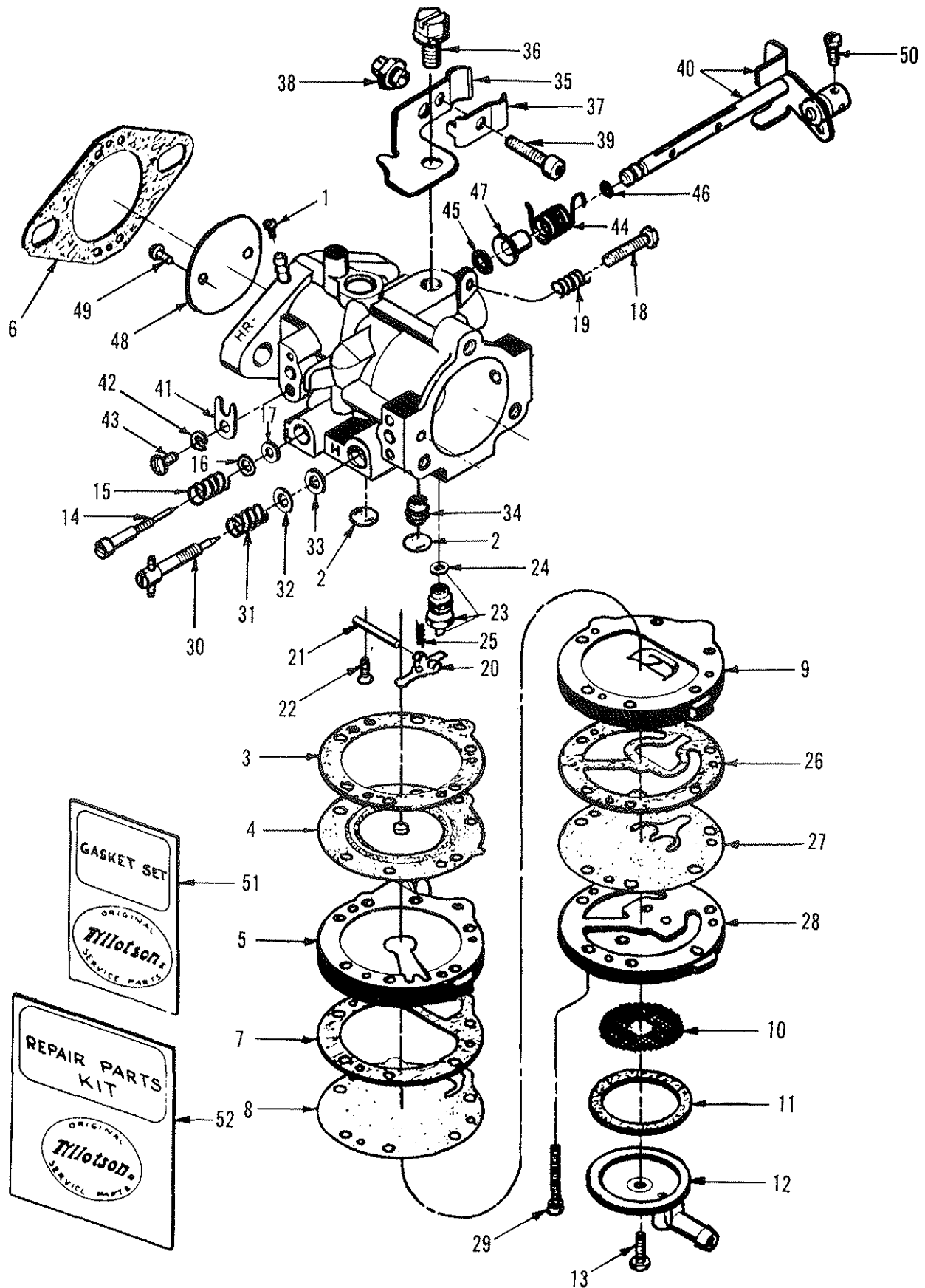
[illegible]

FUEL PUMP 650 cc



CARBURETOR 294, 335, 439 cc

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	1251067	Carburetor Assembly Complete	27	3100304	*Inlet Valve Diaphragm
1	3100266	Channel Plug Screw	28	3100305	Inlet Valve Body
2	3100002	*Channel Welch Plug	29	3100306	Retention Screw
3	3100012	Diaphragm Gasket	30	3100038	*High Speed Mixture Screw
4	3100013	*Diaphragm	31	3100039	* High Speed Mixture Screw Spring
5	3100307	Diaphragm Cover	32	3100040	High Speed Mixture Screw Washer
6	3100016	Flange Gasket	33	3100041	High Speed Mixture Screw Packing
7	3100308	Fuel Pump Gasket	34	3100042	*Nozzle Check Valve
8	3100309	*Fuel Pump Diaphragm	35	3100278	Bracket
9	3100310	Fuel Pump Body	36	3100279	Bracket Retention Screw
10	3100022	*Fuel Strainer Screen	37	3100280	Clamp
11	3100023	Fuel Strainer Cover Gasket	38	3100281	Nut
12	3100271	Fuel Strainer Cover	39	3100282	Screw
13	3100025	*Retention Screw	40	3100324	Throttle Shaft & Lever
14	3100026	*Idle Mixture Screw	41	3100044	Throttle Shaft Clip
15	3100179	*Idle Mixture Screw Spring	42	3100045	Lock Washer
16	3100028	Idle Mixture Screw Washer	43	3100046	Retention Screw
17	3100029	Idle Mixture Screw Packing	44	3100325	*Return Spring
18	3100030	*Idle Speed Screw	45	3100326	Large Throttle Shaft Seal
19	3100031	*Idle Speed Screw Spring	46	3100327	Small Throttle Shaft Seal
20	3100032	*Inlet Control Lever	47	3100328	Throttle Shaft Seal Retainer
21	3100033	*Fulcrum Pin	48	3100302	Throttle Shutter
22	3100034	*Fulcrum Pin Retaining Screw	49	3100008	*Screw w/Washer
23	3100035	*Inlet Needle, Seat & Gasket	50	3100269	*Screw
24	3100036	Inlet Seat Gasket	51	3100301	*Gasket & Packing Set
25	3100074	*Inlet Tension Spring	52	3100300	Repair Parts Kit
26	3100303	Inlet Valve Gasket			
		* Indicates Contents Of Repair Kit			



CARBURETOR ASSEMBLY – MIKUNI VM38 SC

[illegible]

CARBURETOR ASSEMBLY — MIKUNI VM38 SC

