

HOW TO READ THIS MANUAL

COMPONENT PARTS: Component parts of an assembly are preceded by a dot. (•)

Component Parts of a sub-assembly are preceded by two dots (••) as follows:

EXAMPLE:

Driven pulley assembly → Assembly

- Shaft converter
 - Plate-converter
 - Spring
- } Assembly
 } Components

• Drive cam Assembly Sub-Assembly

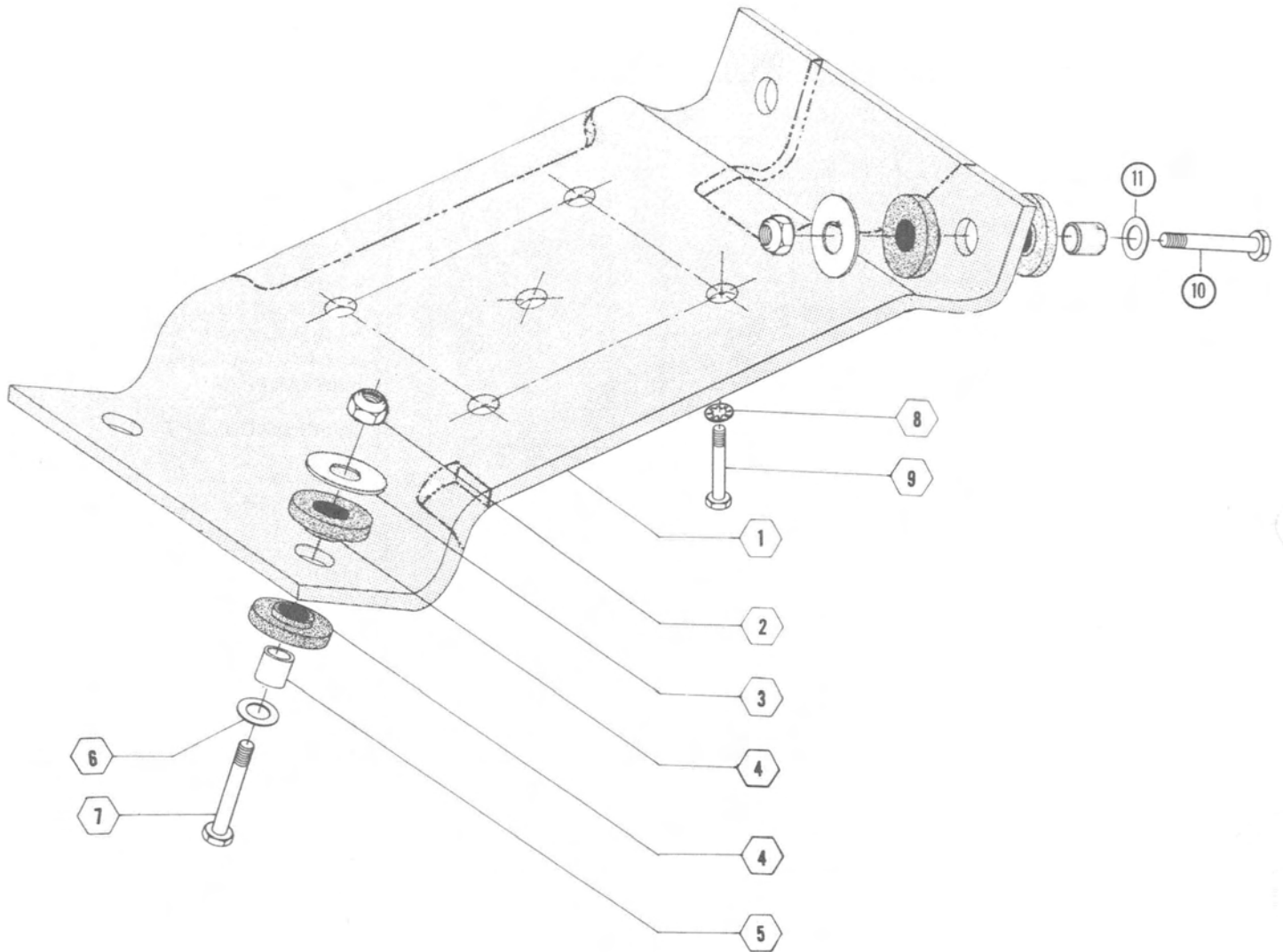
- Drive cam
 - Woodruff key
- } Sub-Assembly
 } Components

NOTE:

All assembly components can be purchased separately unless mentioned on the illustration concerned.

Group	Page
INDEX	1
ENGINE MOUNT	2
EXHAUST SYSTEM	4
• MUFFLER	
• MANIFOLD	
ELECTRICAL SYSTEM	6
• LIGHTS	
• IGNITION	
• WIRING	
DRIVE SYSTEM	8
• DRIVE	
• GUARD PULLEY	
• CHAIN CASE	
• DRIVEN PULLEY	
• BRAKE	
SUSPENSION	18
• FRONT SHAFT	
• RUBBER TRACK	
• SLIDE	
SKI	24
• SKI	
• SPRING	
• SHOCK ABSORBER	
STEERING	26
• STEERING	
BODY	28
• BODY	
• SEAT	
HOOD	30
• HOOD	
• WINDSHIELD	
• ORNAMENTS	
• ENGINE COVER	
FUEL SYSTEM	32
• CARBURETOR	34
• FUEL PUMP	36
ENGINE	38
TOOL KIT	50

ENGINE MOUNT



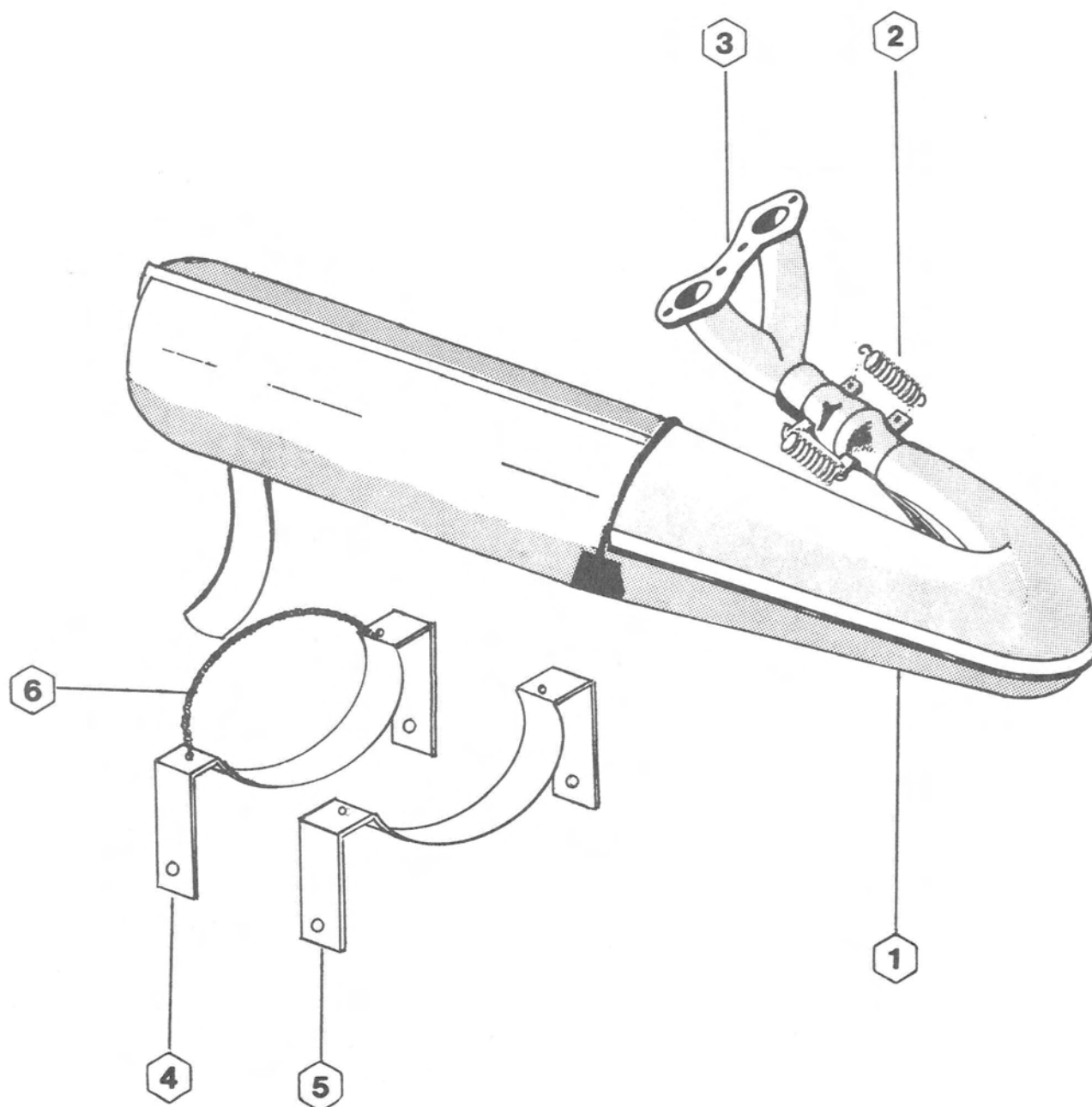
3

ASTROSS

TSST

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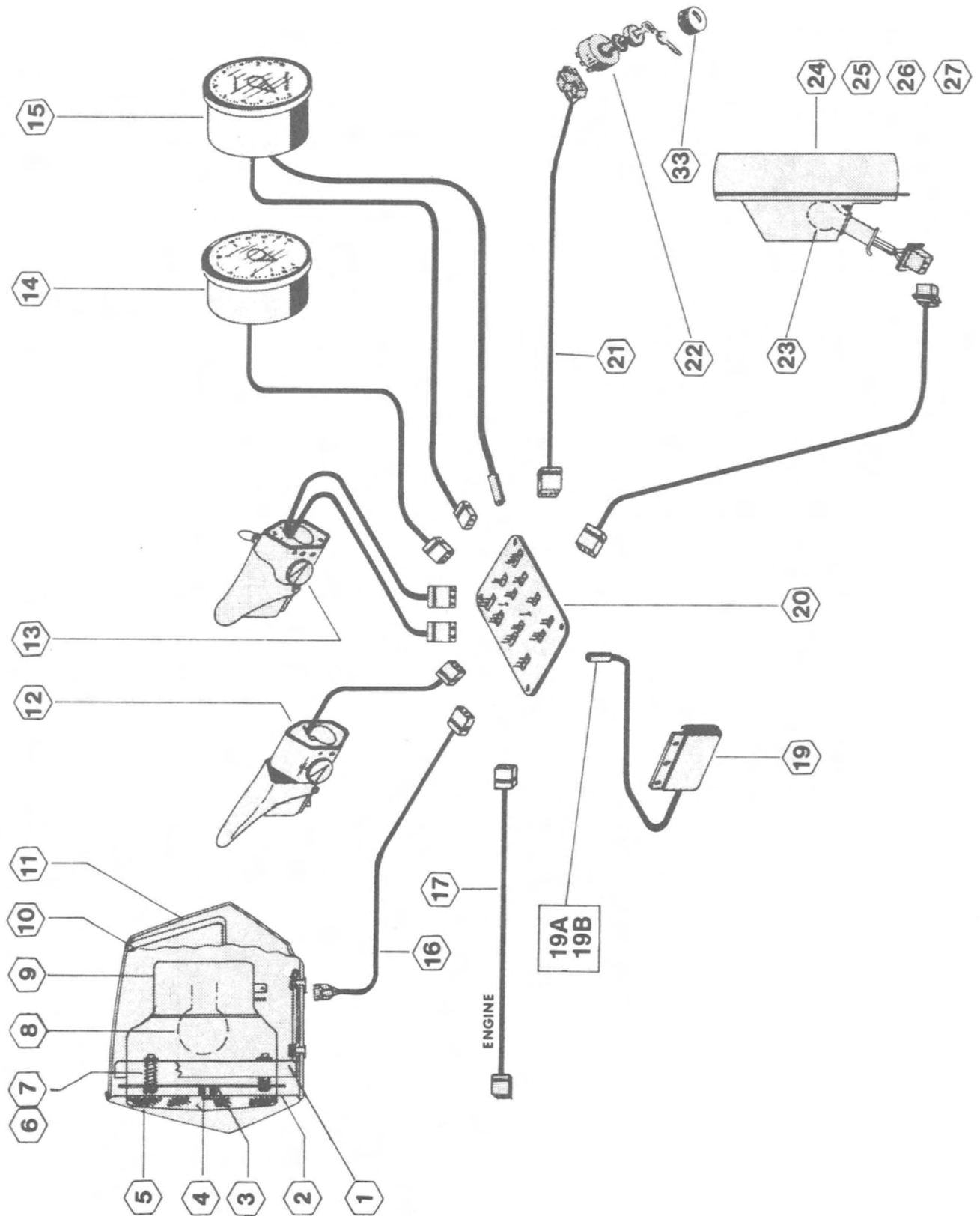
EXHAUST



5

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ELECTRICAL SYSTEM

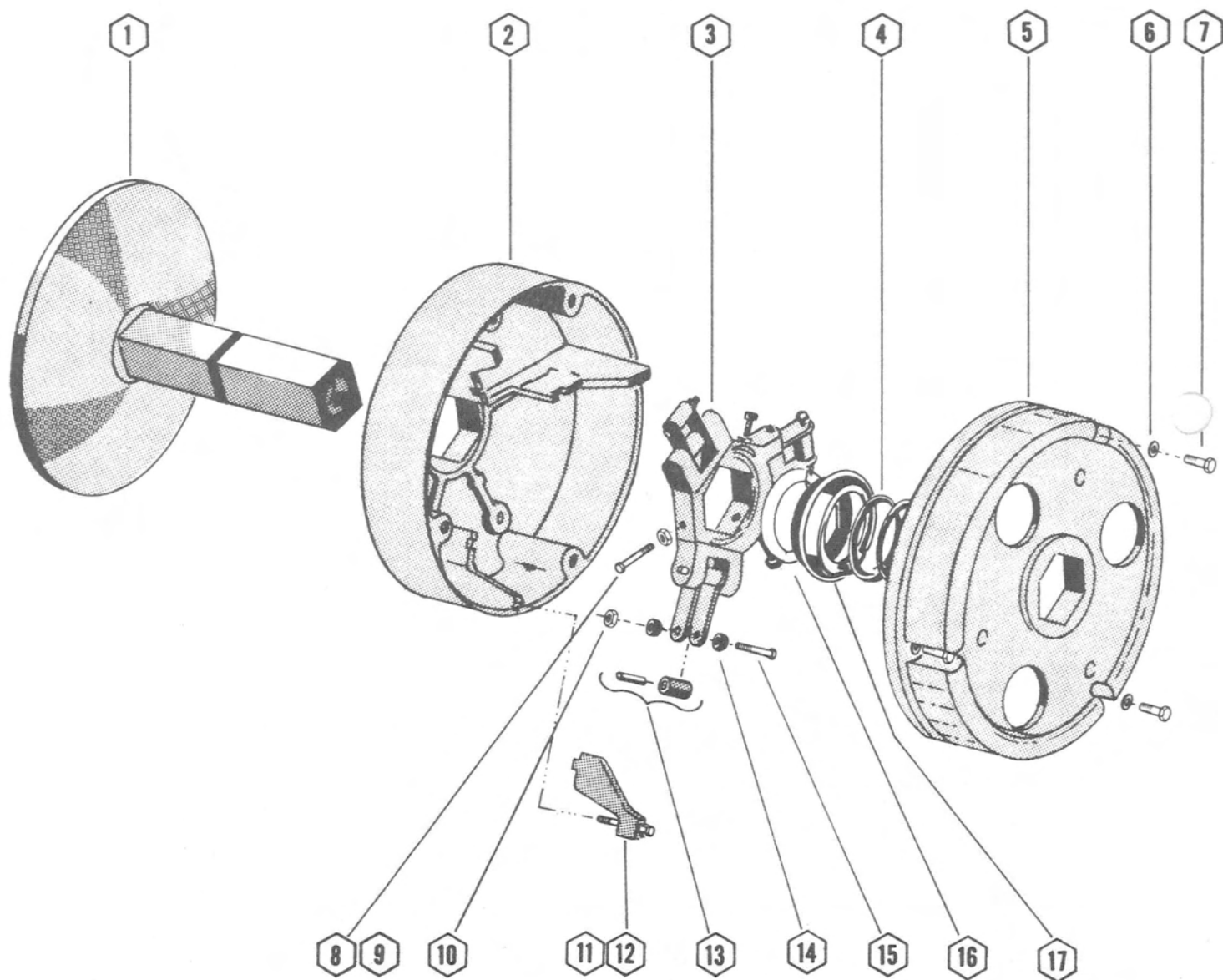


ELECTRICAL SYSTEM

7

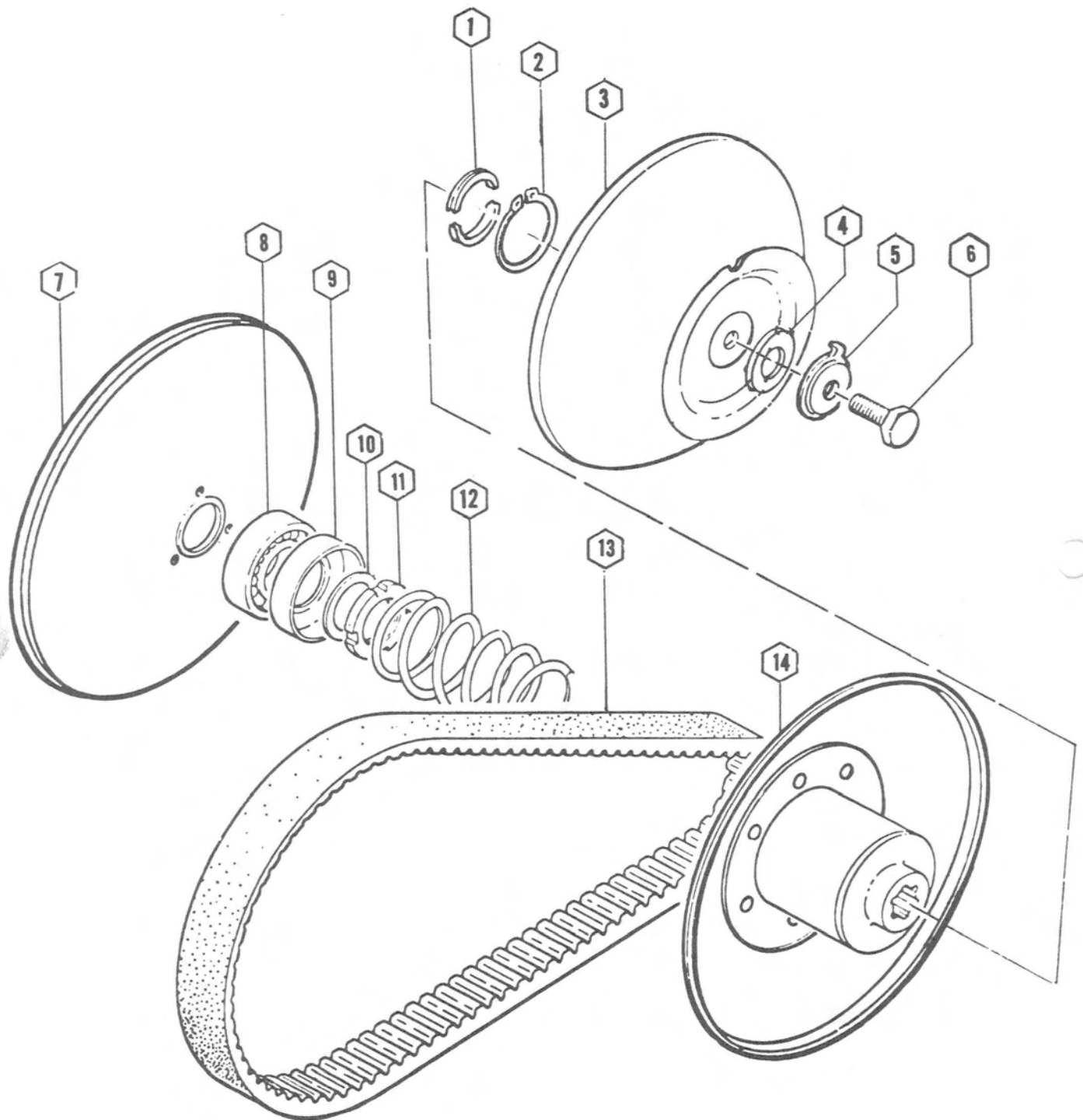
No.	Sno*Jet	Description	Quan.	
			ASTRO SS	SST
1	040591	Head Lamp Bracket	1	1
2	040513	Head Lamp Rim	1	1
3	040560	Rubber Spacer	2	2
4	040515	Machine Screw	2	2
5	040509	Lamp & Lense Ass'y.	1	1
6	911654	• Machine Screw 8-32 x 1.25	4	4
7	040516	• Adjust Spring	4	4
8	040517	• Replacement Bulb	1	1
9	040519	• Rubber Cover	1	1
10	121124	Decal, Head Lamp	1	1
11	121166	Head Lamp Housing	1	1
12	090535	Throttle Assembly (Order Complete Assembly)	1	1
13	090522	Brake Assembly (Order Complete Assembly)	1	1
14	160276	Tachometer		1
15	160273	Speedometer	1	1
16	040592	Head Lamp Wiring	1	1
17	040594	Engine Wiring (Order Components)	1	1
19	040430	Light Regulator	1	1
20	040561	Circuit Board	1	1
21	040593	Ignition Switch Wiring	1	1
22	040186	Ignition Switch	1	1
23	040369	Replacement Bulb	1	1
24	040585	Tail Light Assembly (Order Components)	1	1
25	040578	• Lens	1	1
26	040579	• Gasket	1	1
27	040514	Tail Lamp Wiring	1	1
28	040175	Rubber Cap	1	1
—	040594	Components Consist Of:		
		• 040525 Connector, Pin	5	5
		• 040534 Housing	1	1
		• 040535 Housing	1	1
—	040585	Components Consist Of:		
		• 040365 Bulb	1	1
		• 040580 Housing	1	1
		• 040578 Lens	1	1
		• 040579 Gasket	1	1
19A	040522	Socket Connector	1	1
19B	040523	Socket Housing	1	1

DRIVE CLUTCH



9

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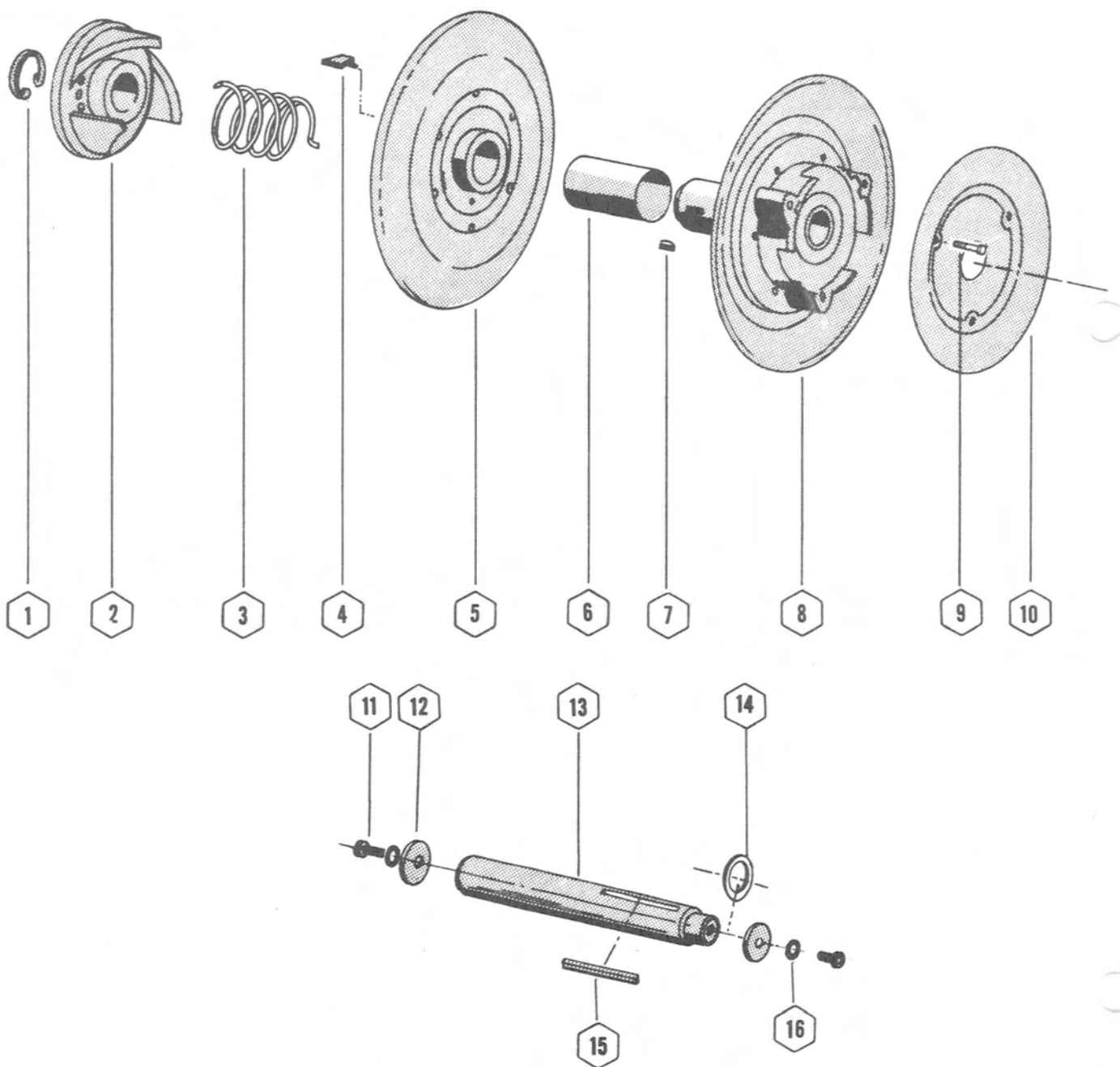
11

ASTRO SS

SS/

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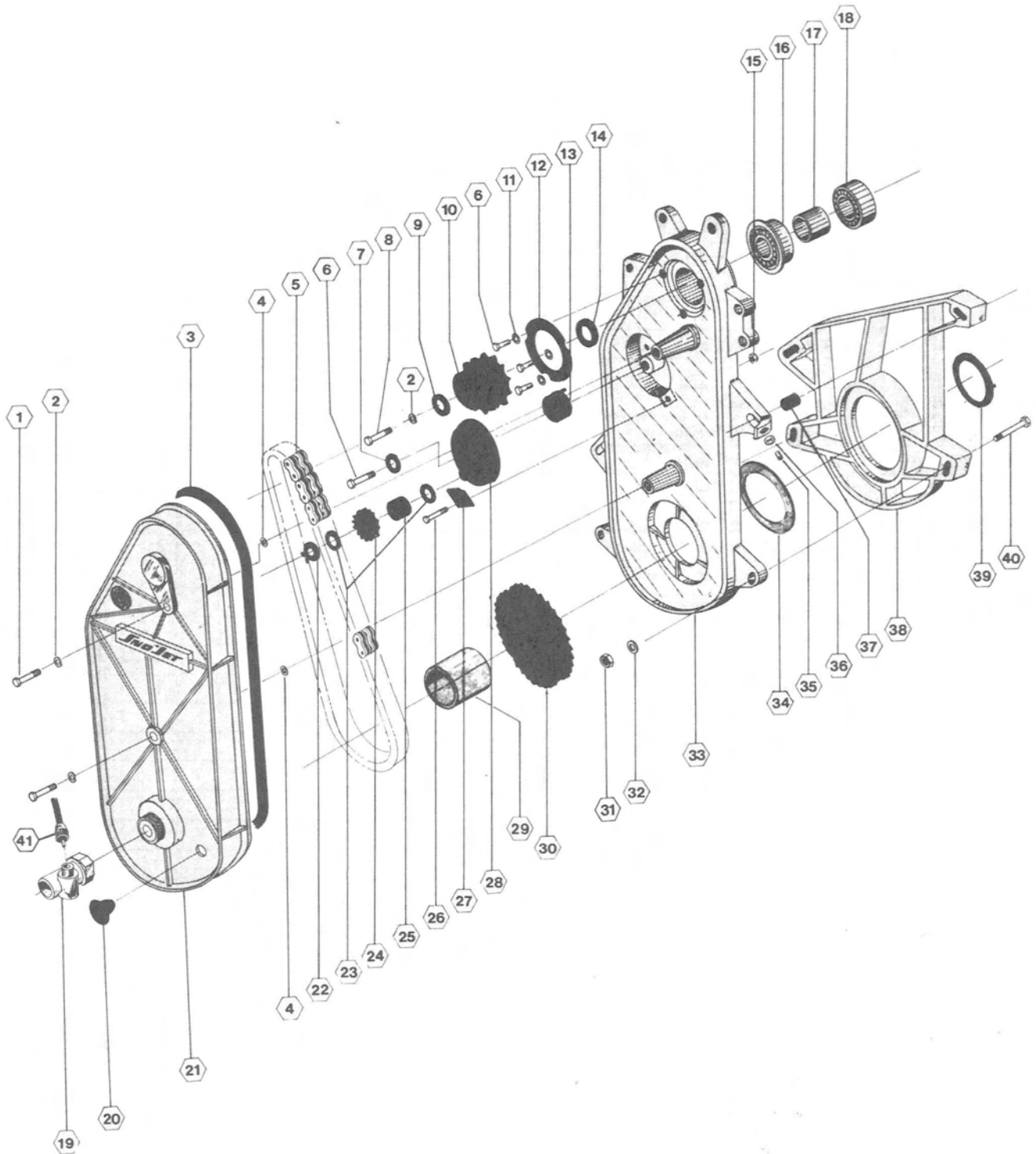
DRIVEN CLUTCH



DRIVEN CLUTCH

13

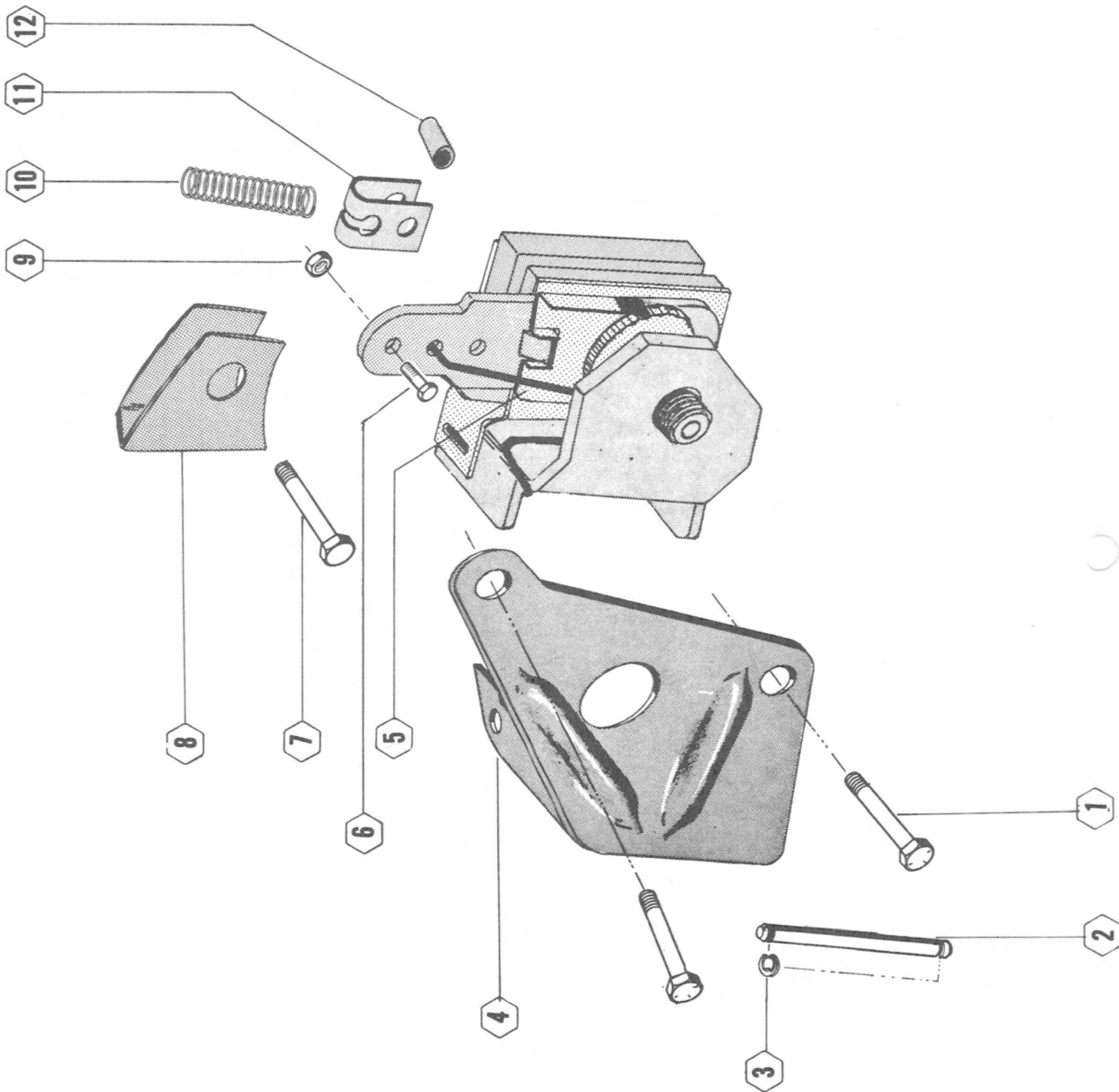
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CHAIN CASE

15

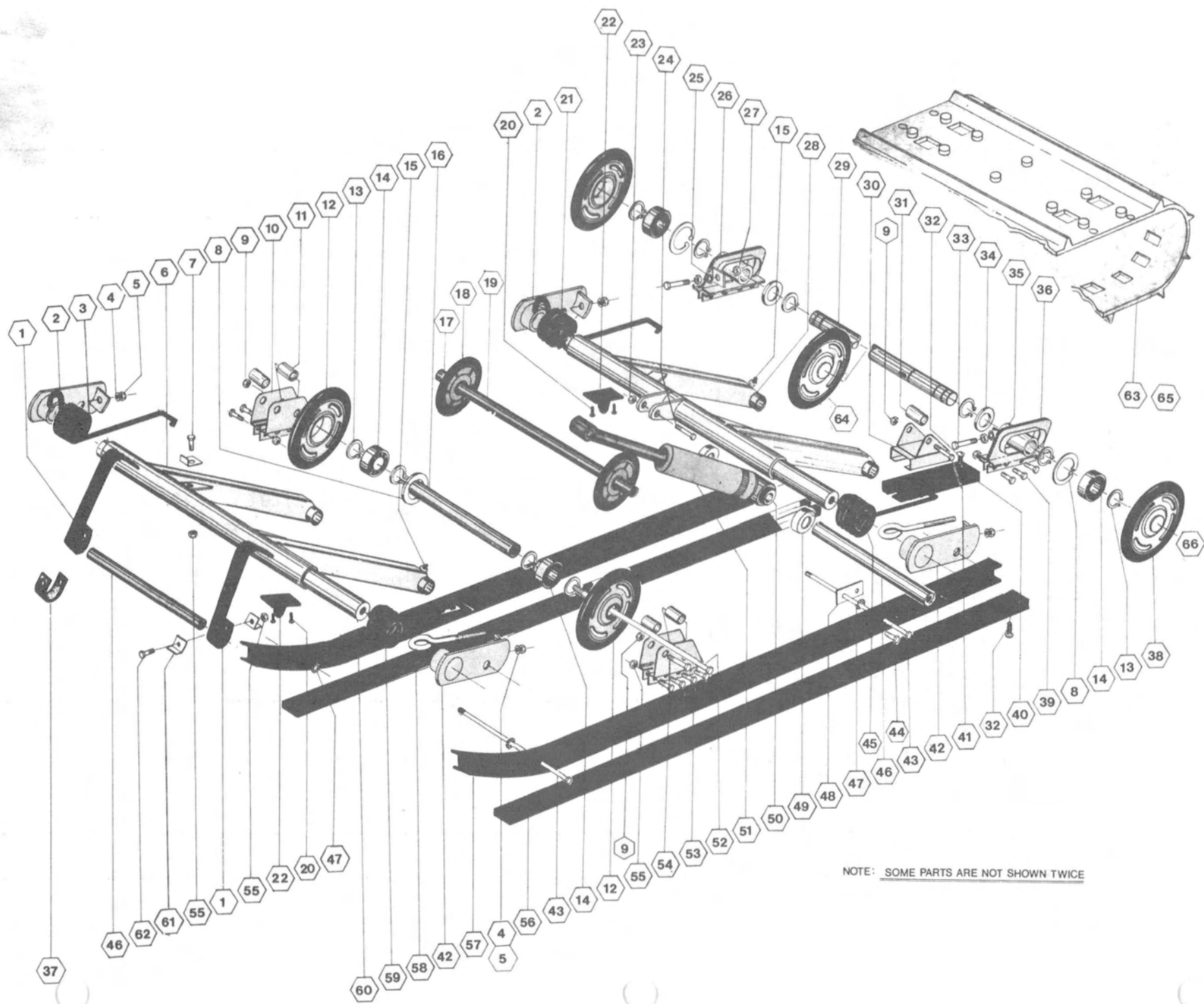
No.	Sno*Jet	Description	Quan.	
			ASTRO SS	SST
1	910102	Cap Screw 5/16-18 x .75	2	2
2	912873	Lock Washer	2	2
3	050459	Gasket, Chain Cover	1	1
4	916754	O-Ring	2	2
5	050452	Roller Chain 90 Pitch	1	1
6	910001	Cap Screw 1/4-20 x .50	4	4
7	912829	Washer	1	1
8	910141	Cap Screw 5/16-24 x .75	1	1
9	050745	Special Washer	1	1
10	050379	Sprocket 19 Teeth		1
10	050580	Sprocket 18 Teeth	1	
10	050721	Sprocket 20 Teeth		
11	916533	Star Washer	3	3
12	050089	Bearing Retainer Ring	1	1
13	110068	Spring Tensioner	1	1
14	050592	Spacer	1	1
15	912724	Locknut .25 NC	1	1
16	770001	Bearing	1	1
17	050743	Spacer	1	1
18	770002	Bearing	1	1
19	160180	Angle Drive, Speedometer	1	1
20	916589	Plug, Chain Cover	2	2
21	050443	Chain Case Cover	1	1
22	916751	Snap Ring	1	1
23	050448	Thin Washer	2	2
24	050447	Sprocket Tensioner	1	1
25	770008	Roller Bearing	1	1
26	910003	Cap Screw 1/4-20 x .75	1	1
27	050449	Stopper Tensioner	1	1
28	050442	Tensioner	1	1
29	050708	Sprocket Spacer	1	1
30	050197	Sprocket 36 Teeth		1
30	050196	Sprocket 34 Teeth		
30	050064	Sprocket 37 Teeth	1	
31	912725	Locknut .312 NC	4	4
32	050553	Washer	4	4
33	050742	Chain Case Base	1	1
34	050620	Gasket	1	1
35	916753	Set Screw 5/16-18 x 1.25	1	1
36	914401	Jam Nut .312 NC	1	1
37	050792	Sleeve Adjuster	1	1
38	050720	Chain Case Spacer	1	1
39	916755	O-Ring	1	1
40	914332	Carriage Bolt	1	1
41	160258	Speedometer Cable	1	1



BRAKE

17

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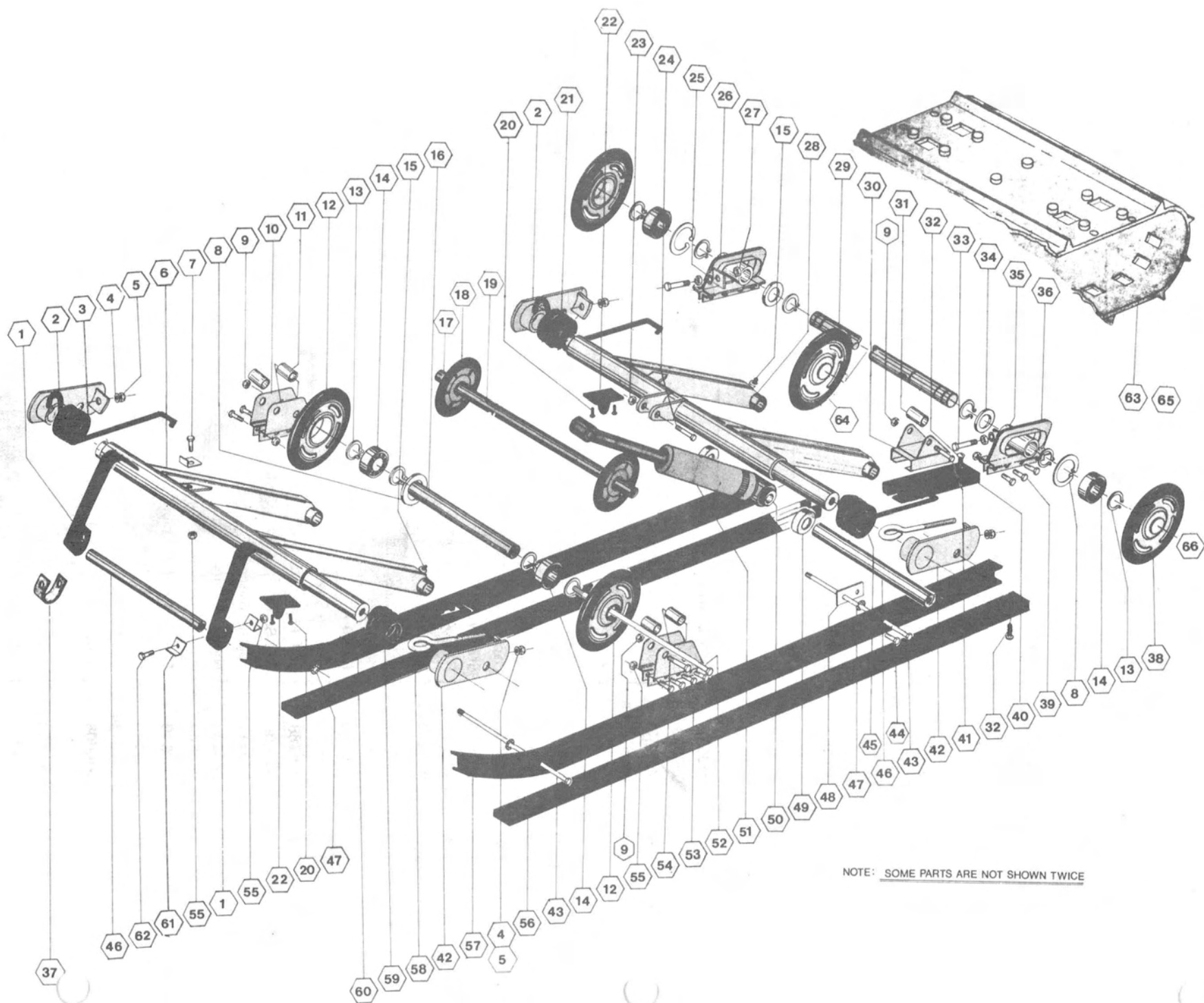


SUSPENSION

19

No.	Sno*Jet	Description	Quan	
			ASTRO SS	SST
1	060620	Front Stopper Strap	2	2
2	060407	Shaft Holder R.H.	2	2
3	110098	Spring R.H.	1	1
4	912831	Washer	4	4
5	912726	Hex Nut	4	4
6	060579	Front Arm	1	1
7	910043	Cap Screw 1/4-28 x .75	2	2
8	916711	Snap Ring	4	4
9	912739	Hex Nut 5/16 - 24	5	5
10	060530	Front Arm Support	2	2
11	060352	Bearing Spacer Arm	4	4
12	060567	Idler Wheel, Front	2	2
13	916815	Snap Ring	10	10
14	770002	Bearing	4	4
15	916963	Grease Fitting	6	6
16	060555	Idler Shaft	1	1
17	060363	Bushing	2	2
18	060413	Idler Wheel , center	2	2
19	060578	Shaft	1	1
20	91509604	Pop Rivet	8	8
21	110067	Spring R.H.	1	1
22	060576	Rubber Stopper	4	4
23	912741	Locknut 7/16 - 20	1	1
24	913444	Cap Screw 7/16-20 x 2.25	1	1
25	916910	Star Washer	2	2
26	060548	Rear Axle Support R.H.	1	1
27	914358	Hex Nut 7/16	4	4
28	060551	Rear Arm	1	1
29	060612	Rear Shaft	1	1
30	060633	Runner	2	2
31	060352	Bearing Spacer Arm	2	2
32	916788	Self Tapping Screw#8	4	4
33	060605	Cap Screw 7/16-14 x 3.50	2	2
34	060544	Special Washer	2	2
35	060539	Nylon Bushing	2	2
36	060549	Rear Axle Support L.H.	1	1
37	060619	Front Stop Belt Shield	2	2
38	060543	Idler Wheel, Rear	2	2
39	910043	Cap Screw 1/4-28 x .75	8	8
40	060608	Slider Shoe	2	2
41	910149	Cap Screw 5/16-24 x 1.75	2	2
42	060408	Shaft Holder L.H.	2	2
43	916948	Bolt, Cross Shaft 1/4-28 x 9-3/4"	2	2
44	910043	Cap Screw 1/4-28 x .75	2	2

SUSPENSION

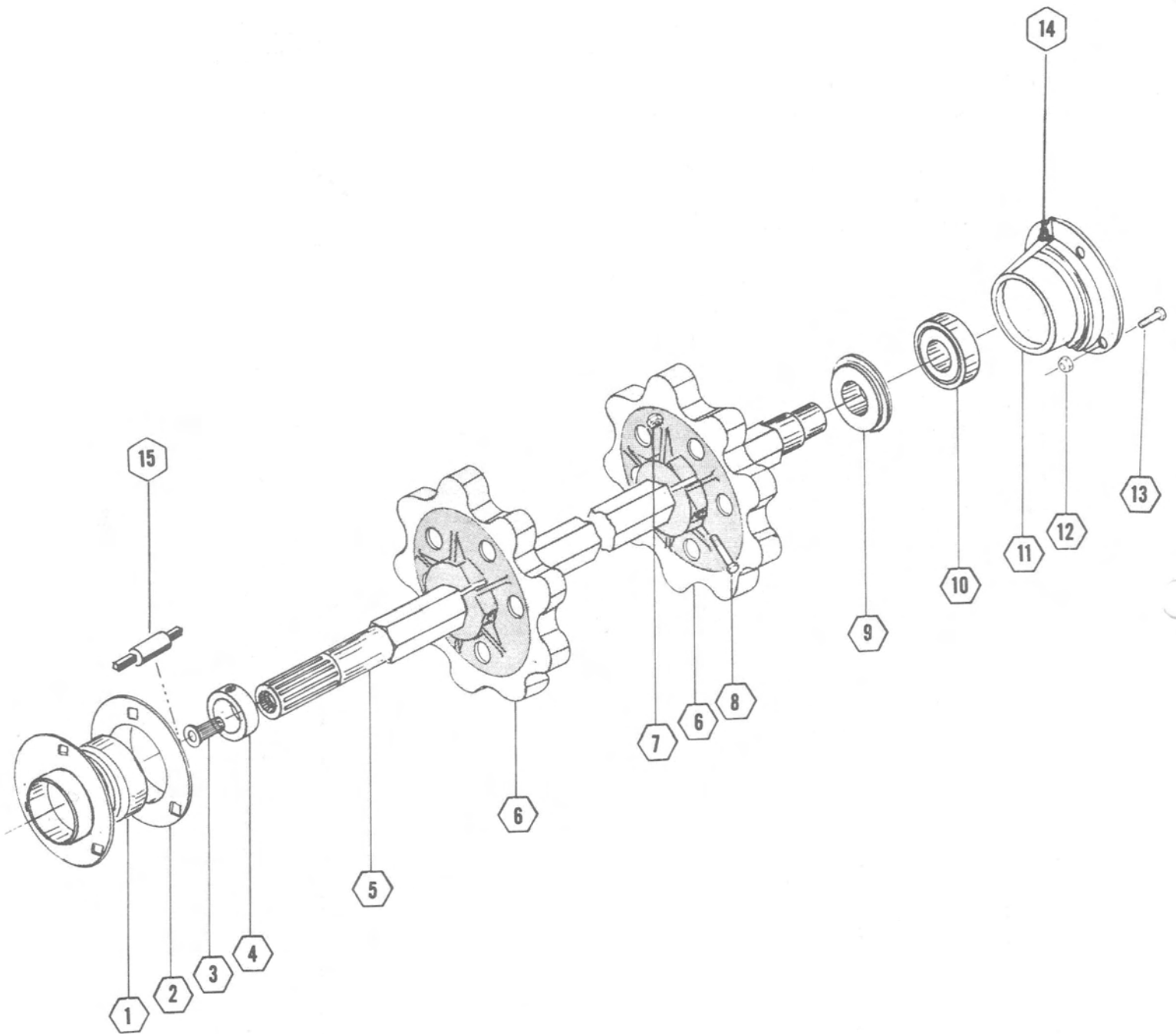


21

ASTROSS
SST

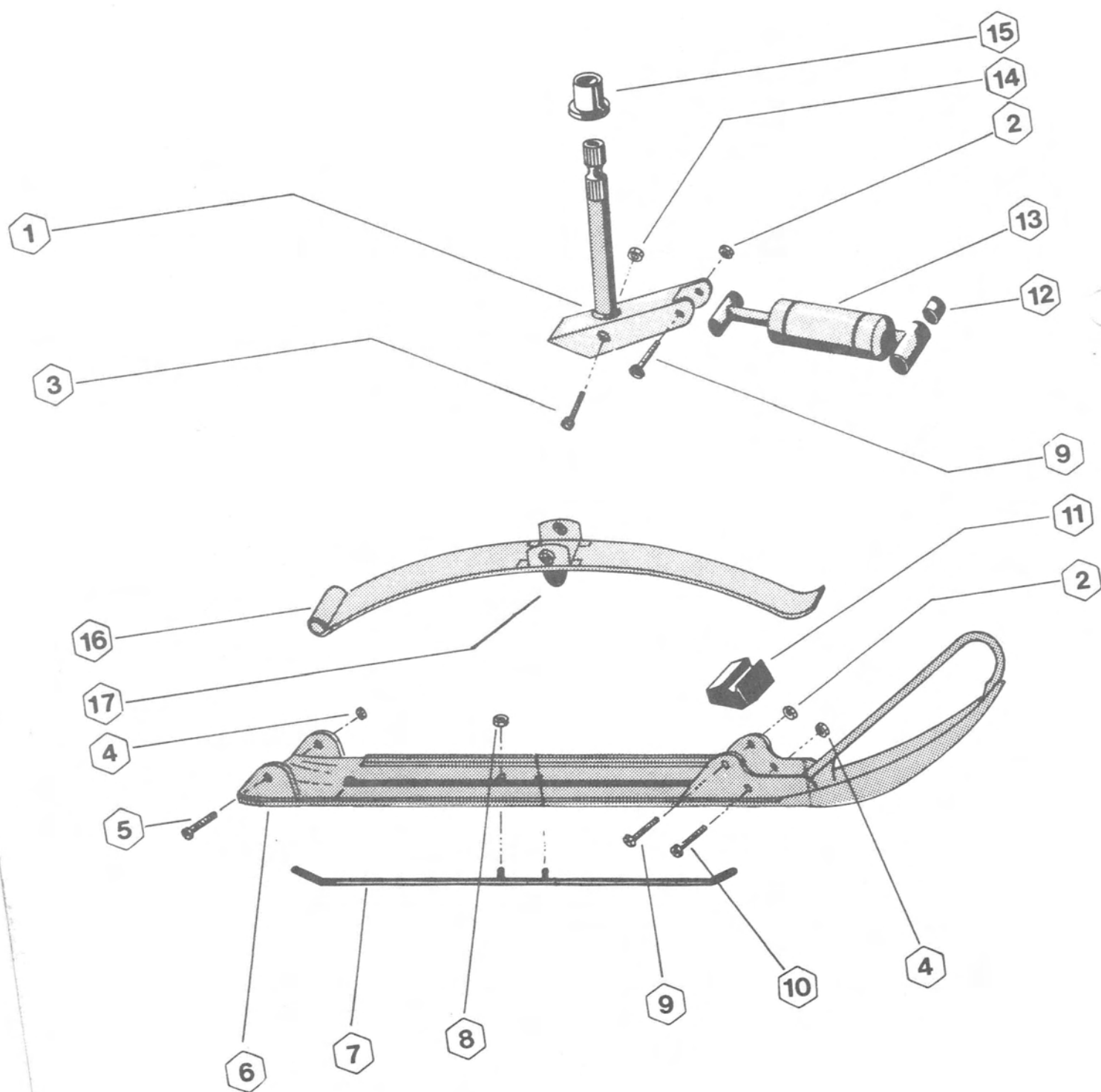
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FRONT SHAFT



23

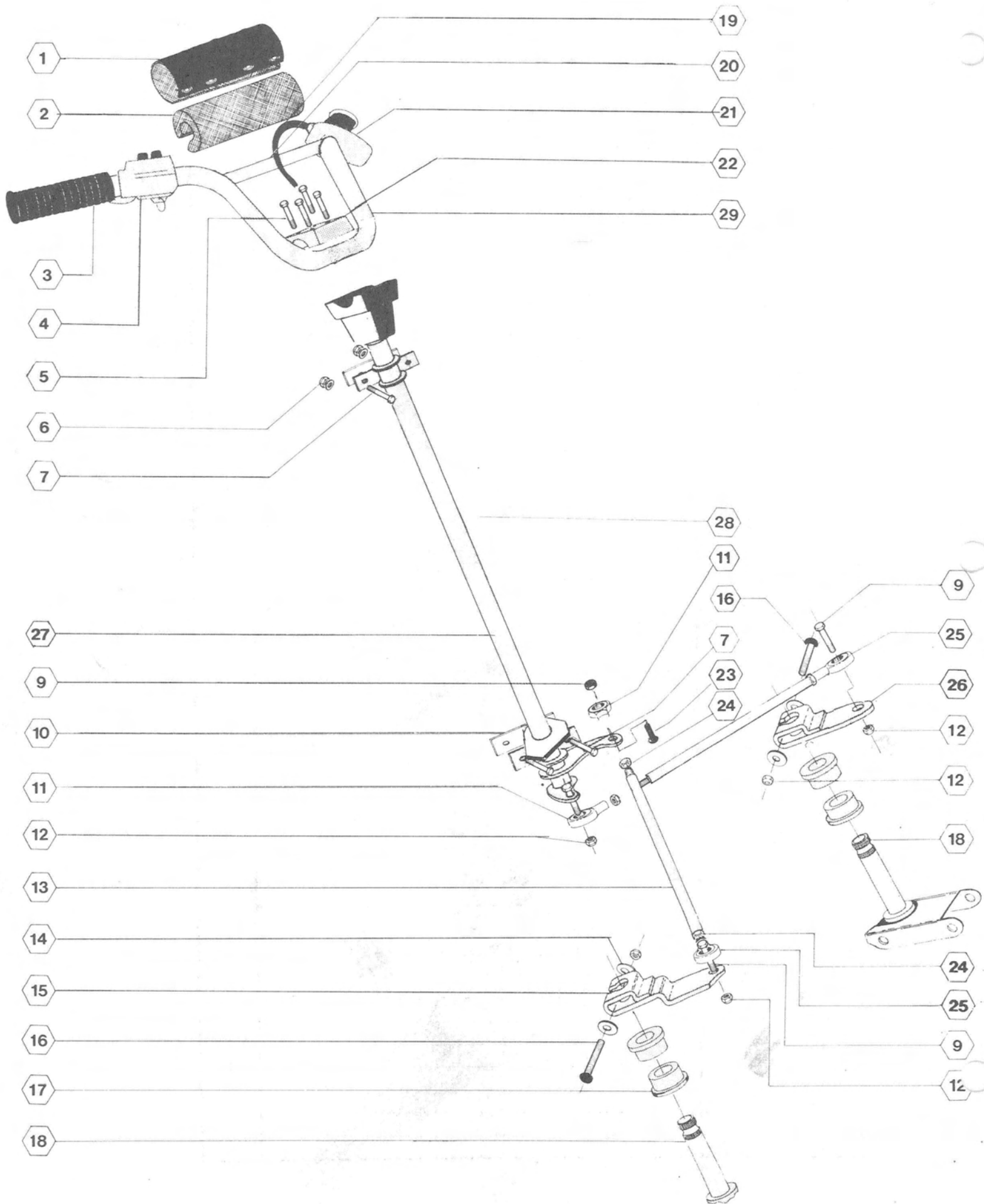
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ASTRO SC

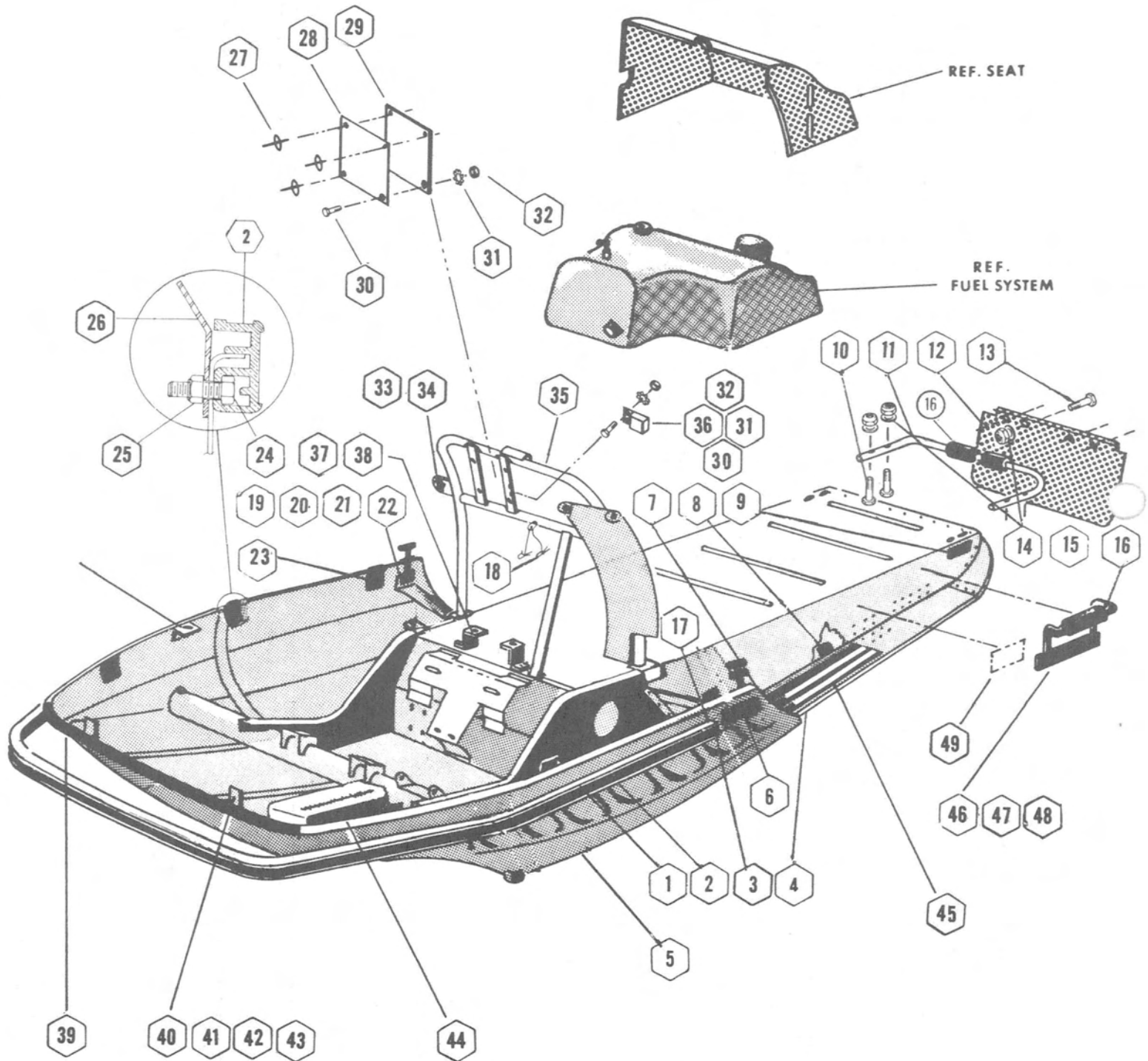
SS

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27

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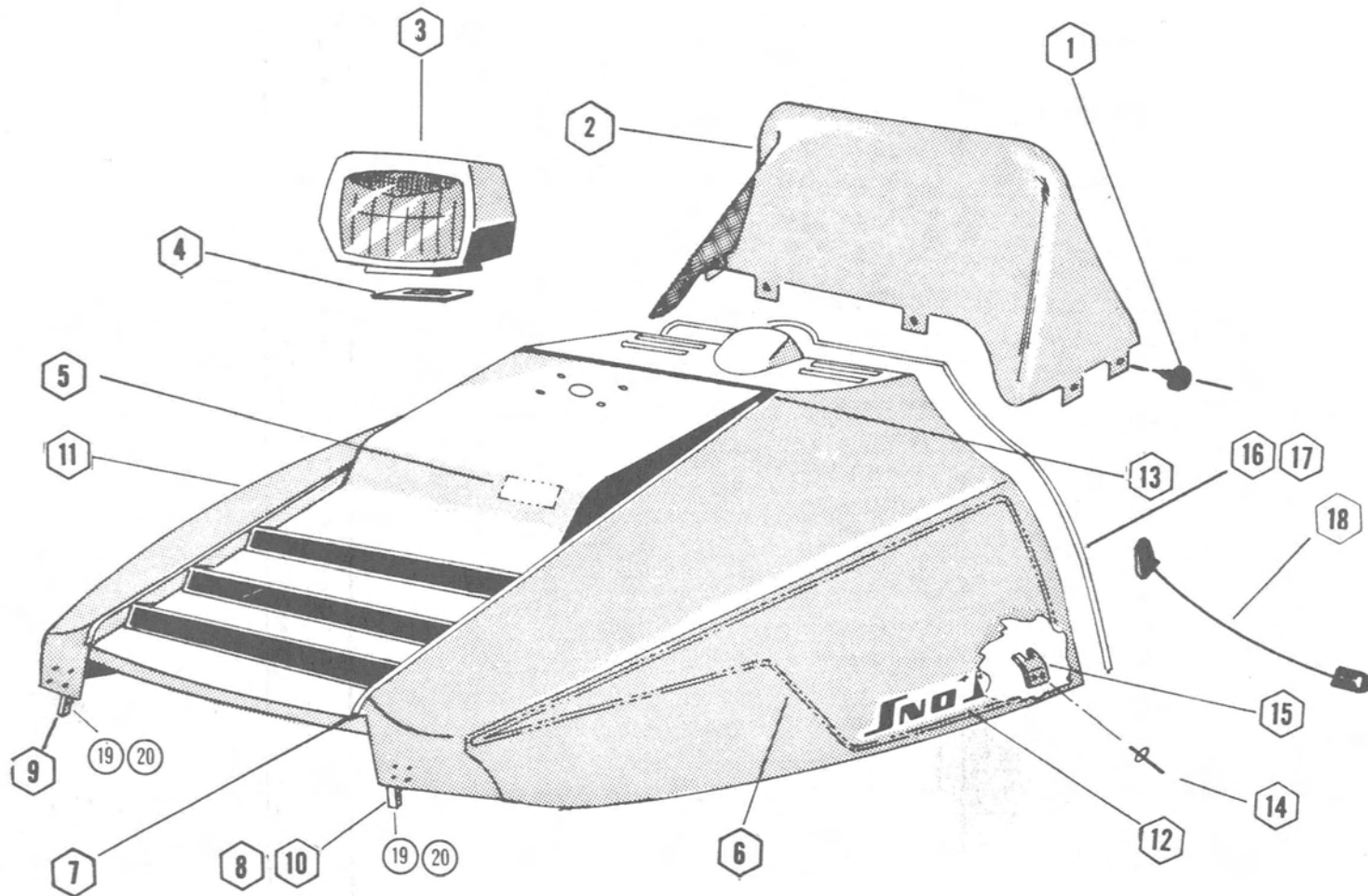
BODY

ASTRO SS
SST

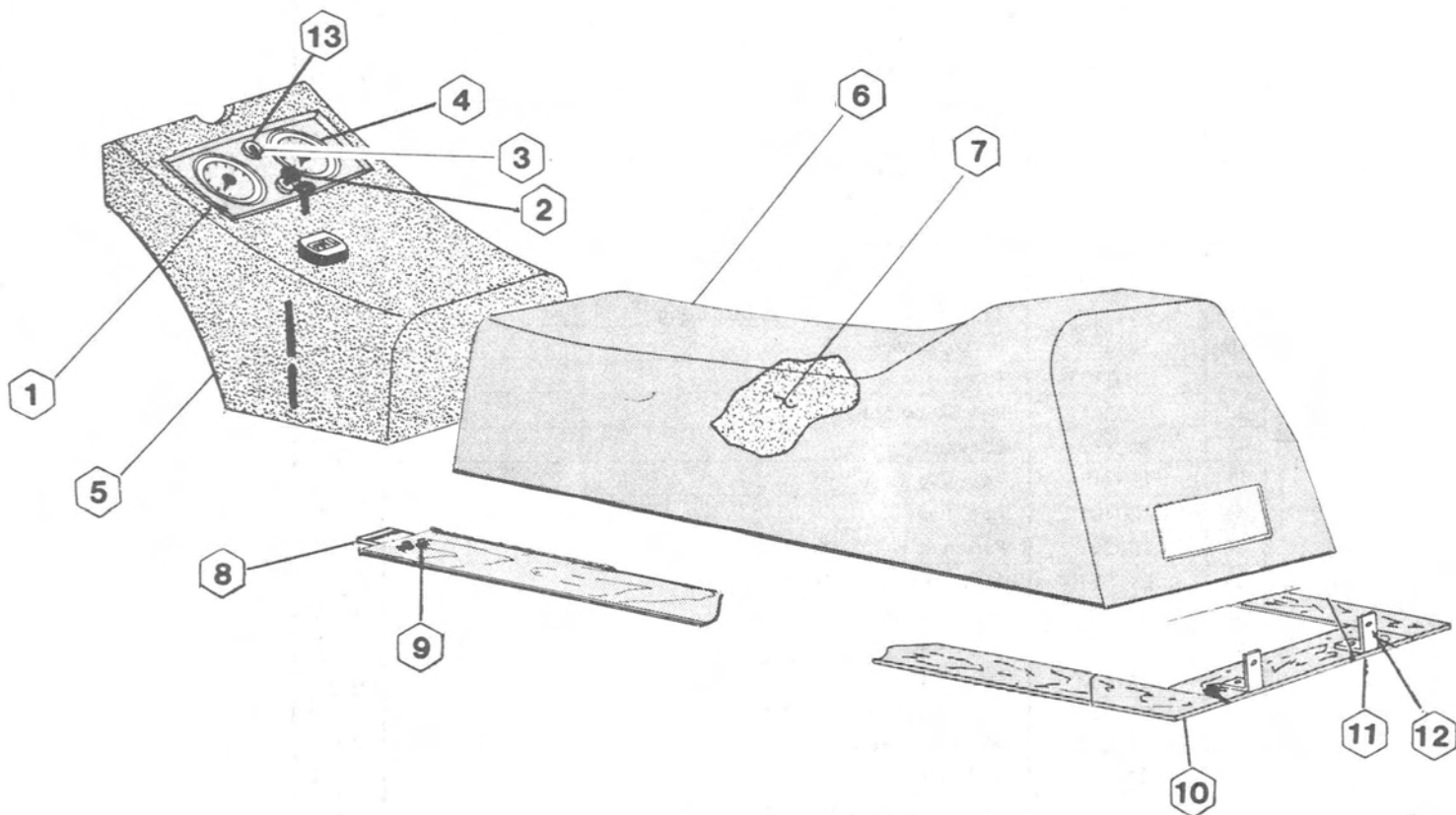
29

No.	Sno*Jet	Description	Quan.	
1	150216	Decal, Bumper (Blue)	1	1
2	150213	Front Bumper	1	1
3	150173	End Cap	2	2
4	100751	Chassis Assembly	1	1
5	205199	● Nose Pan	1	1
6	121007	Reflector, Amber (No Bezel)	2	2
7	460070	Nose Pan Trim 8.62 Long	2	2
8	060580	Washer, Special Reinforcing	2	2
9	121008	Reflector, Red	2	2
10	910009	Hex Screw 1/4-20NC x 1.50	4	4
11	150166	Rear Bumper	1	1
12	100573	Sno Flap	1	1
13	910005	Cap Screw 1/4-20NC x 1.00	4	4
14	912724	Locknut .25NC	8	8
15	912829	Flat Washer	8	8
16	150174	Hand Grip	2	2
17	916737	Self Tapping Screw	2	2
18	916940	Hitch Pin Clip	2	2
19	120818	Latch Spacer	2	2
20	120503	Rubber Latch	2	2
21	120817	Latch Retainer	2	2
22	91503805	Pop Rivet	4	4
23	120999	Guide, Hood Front	6	6
24	910003	Cap Screw 1/4-20NC x .75	12	12
25	912724	Locknut .25NC	12	12
26	100642	Brace, Nose Pan	2	2
27	91503508	Pop Rivet 3/16 Dia.	3	3
28	040561	Board, Printed Circuit	1	1
29	040564	Plate, Backing	1	1
30	914083	Mach. Screw 10/24 x 1/2	4	4
31	917002	Washer, Int. Tooth 3/16 Dia.	3	3
32	912716	Nut, Hex 10/24	5	5
33	916797	Ring, Clip	1	1
34	020269	Bushing, Rope Retainer	2	2
35	090655	Steering Support Weld	1	1
36	040621	Light Regulator (See Electrical)	1	1
37	791190	Bracket, Fuel Pump	2	2
38	91509307	Pop Rivet	12	12
39	460070	Trim, Nose Pan Front 22.50" Long	1	1
40	121198	Hinge, Lower	2	2
41	91501004	Rivet	2	2
42	910041	Hex Screw 1/4-28NF x .50	2	2
43	912762	Locknut	2	2
44	140319	Tool Bag	1	1
45	100701	Foot Pad	6	6
46	100693	Passenger Hand Grip	2	2
47	917057	Button Hd. Allen Screw 5/16	4	4
48	912830	Washer, Flat	8	8
49	121131	Decal 440		2
49	121133	Decal 340	2	
	912725	Locknut 5/16 (For Item 47)	4	4
	910204	HHCS 3/8-16 x 1	8	8
	910104	HHCS 5/16-18 x 1	2	2
		Note: Above to attach suspension.		

HOOD



SEAT



HOOD

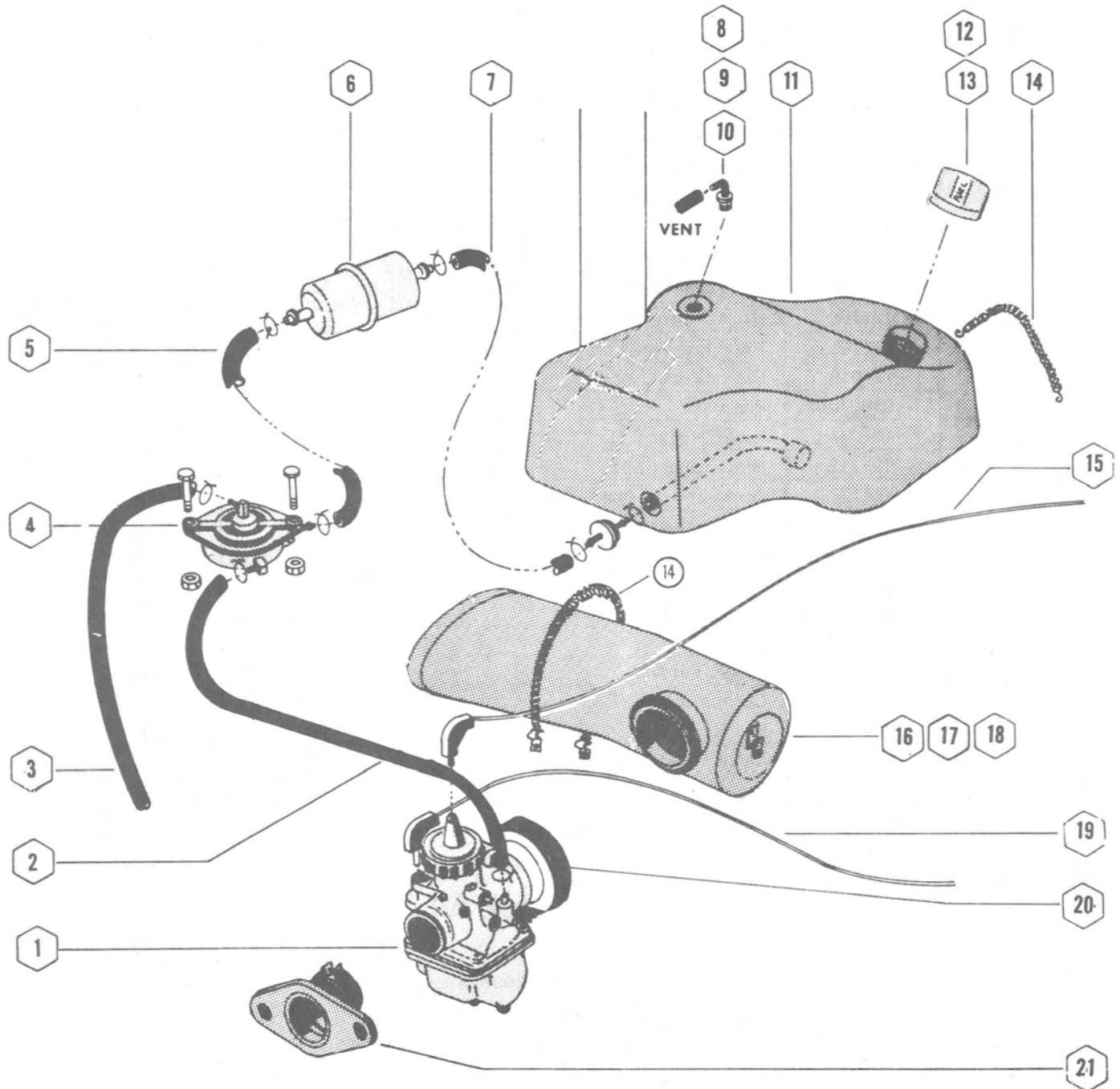
31

No.	Sno*Jet	Description	Quan.	
			ASTRO SS	SST
1	121134	Rubber Bumper	9	9
2	121170	Windshield Assembly	1	
2	121207	Windshield Assembly		1
3	—	Headlamp Assembly (See Electrical)		
—	912830	Washer Flat (Headlamp)	4	4
—	912873	Washer Lock (Headlamp)	4	4
—	910104	Screw Hex HD 5/16 x 1.00 (Headlamp)	4	4
4	040589	Rubber Spacer	1	1
5	121018	SST Name Plate		1
5	121160	Decal, Astro SS	1	
6	121163	Hood Fiber	1	1
7	121016	Cabin Stripe	2	2
8	91501505	Pop Rivet	8	8
9	121214	Hinge, Upper R.H.	1	1
10	121215	Hinge, Upper L.H.	1	1
11	121193	Decal, Sno-Jet R.H.		1
11	121262	Decal, Sno-Jet R.H.	1	
12	121261	Decal, Sno-Jet L.H.	1	
12	121194	Decal, Sno-Jet L.H.		1
13	121201	Decal, Cabin Top Radius	2	2
14	91503804	Pop Rivet	4	4
15	120505	Holder Latch	2	2
16	460070	Cabin Trim 55-1/2"	1	1
17	915915	Pop Rivet	7	7
18	121073	Cable, Hood Retaining	1	1
19	916809	Pin	2	2
20	912964	Cotter Pin	2	2

SEAT

No.	Sno*Jet	Description	Quan.	
			ASTRO SS	SST
1	—	Speedometer (See Electrical)		
2	—	Ignition Switch (See Electrical)		
3	791196	Choke Assembly (Mikuni)	1	1
4	—	Tachometer (See Electrical)		
5	121220	Tank Cover , trimmed	1	
6	140367	Leather Seat Cover	1	1
7	140370	Seat Foam	1	1
8	140362	Seat Tab	2	2
9	917049	Tee Nut	6	6
10	140369	Plywood Base	1	1
11	91503114	Pop Rivet	4	4
12	140372	Tail Light Bracket	2	2
13	917032	Panel Nut	1	1
5A	121263	Tank Cover, Trimmed		1

FUEL SYSTEM

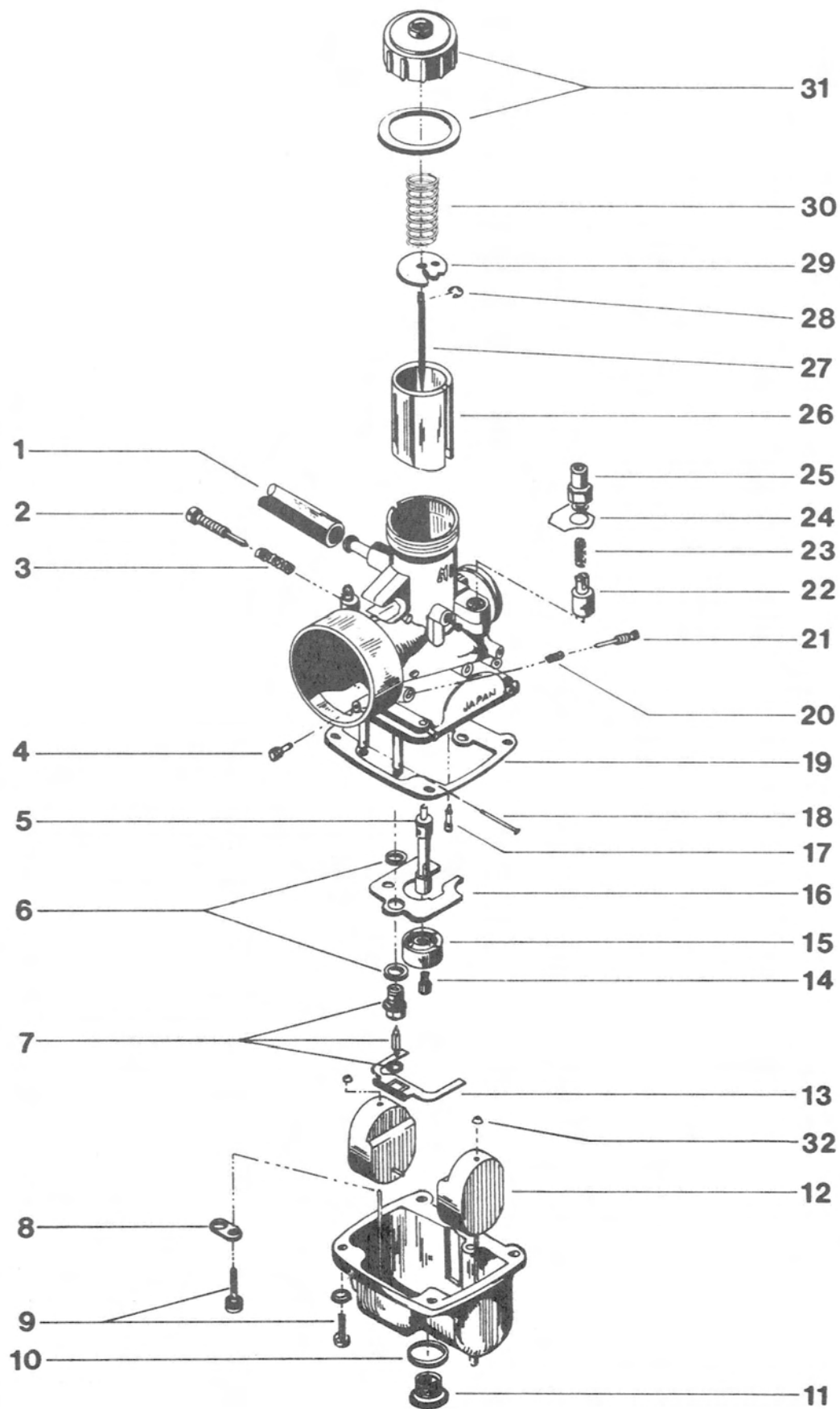


FUEL SYSTEM

33

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CARBURETOR MIKUNI



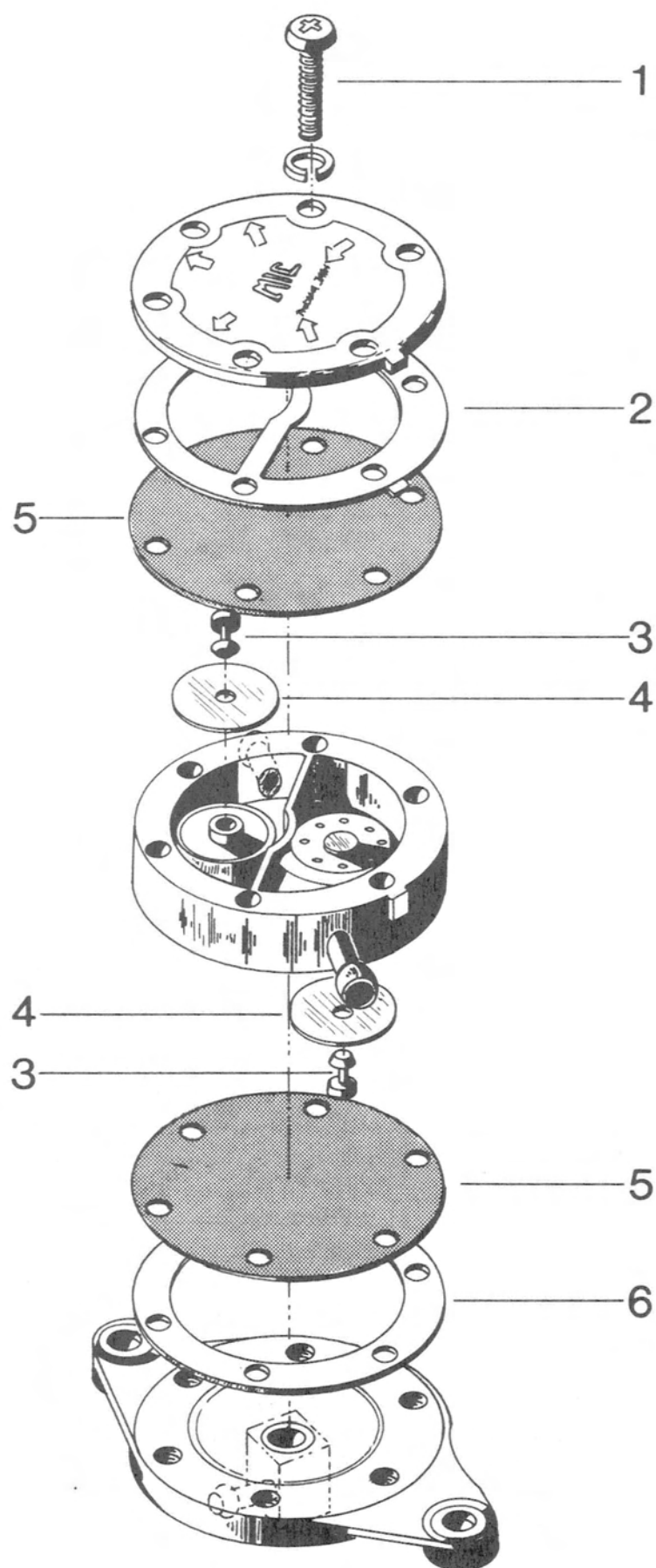
CARBURETOR MIKUNI

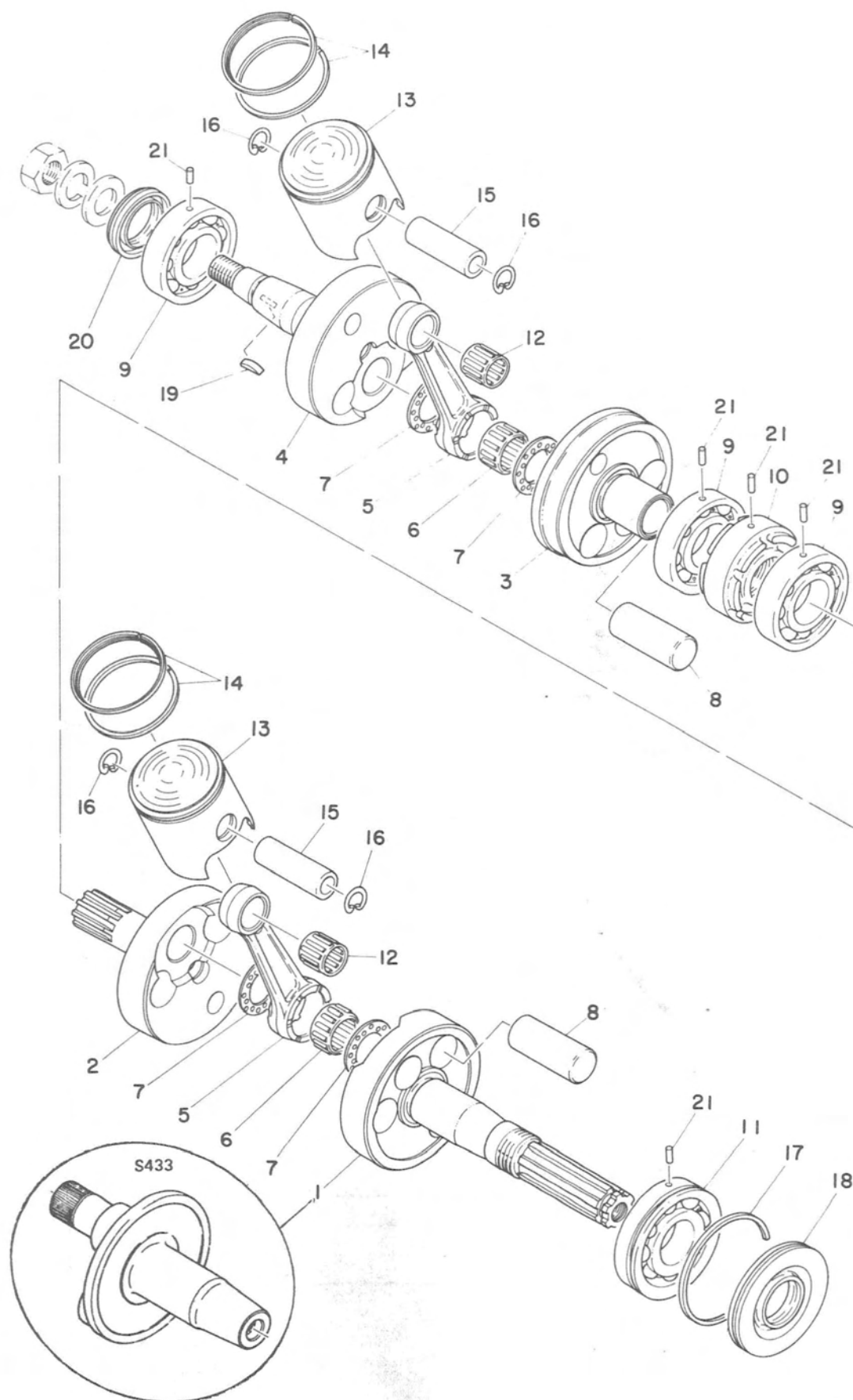
35

ASTRO SS
SST

NO.	SNO*JET	MIKUNI	DESCRIPTION	QUAN	
	791318	VM34-66	Assembly Carburetor		1
1	791055	VM 32/1	Tube, Vent	1	1
2	791043	VM 24/224	Screw, Throttle Stop	1	1
3	791044	M 20/11	Spring	1	1
4	791033	BS 30/97	Air Jet	1	1
5	791052	VM 34/05	Needle Jet Hi Alt = 159P2, Norm 159Q8	1	1
6	791037	B 34/52	Washer	2	2
7	791035	VM 28/163	Needle Valve Assembly	1	1
8	791285	VM 28/792	Plate	2	2
9	791054	CW2-01516	Screw with Washer	4	4
10	791048	4/053	Washer	1	1
11	791049	VM 34/105	Screw, Drain	1	1
12	791045	VM 34/61	Float	2	2
13	791263	VM 34/51	Float Arm	1	1
14	791050	4/042/220	Main Jet 220		
14	791248	4/042/200	" " 280		
14	791189	4/042/210	" " 250		
14	791138	4/042/240	" " 240	1	
14	791325		" " 310		
14	791326		" " 330		
14	791328		" " 350		1
15	791051	VM 36/17	Ring	1	1
15	791267	VM 20/169	Washer	1	1
16	791053	VM 34/114	Plate	1	1
17	791040	VM 22/210	Pilot Jet	1	1
18	791034	VM 30/160	Pin, Float Arm	1	1
19	791042	VM 34/86	Gasket		1
20	791063	M12F/146A	Spring, Pilot Air	1	1
21	791062	VM 20/214	Screw, Pilot Air	1	1
22	791059	VM 15SC4/85	Starter Plunger	1	1
23	791058	VM 15SC6/89	Spring, Starter	1	1
24	791057	VM 32/116	Washer	1	1
25	791056	VM 15/37	Cap, Starter	1	1
26	791041	VM 34/110-3.0	Piston Valve	1	
27	791264	J8-6DH07	Jet Needle		1
28	791039	VM 20/369	E-Ring	1	1
29	791046	VM 34/31	Plate	1	1
30	791061	VM 34/55	Spring, Piston Valve	1	1
31	791060	VM 34/27	Top, Mixing Body	1	1
1A	791311	VM 34-77	Carb	1	
26A	791317	VM 34-110-2.5	Piston Valve		1
5A	791316	VM 34-05	Q0-159 Needle Jet		1

FUEL PUMP MIKUNI



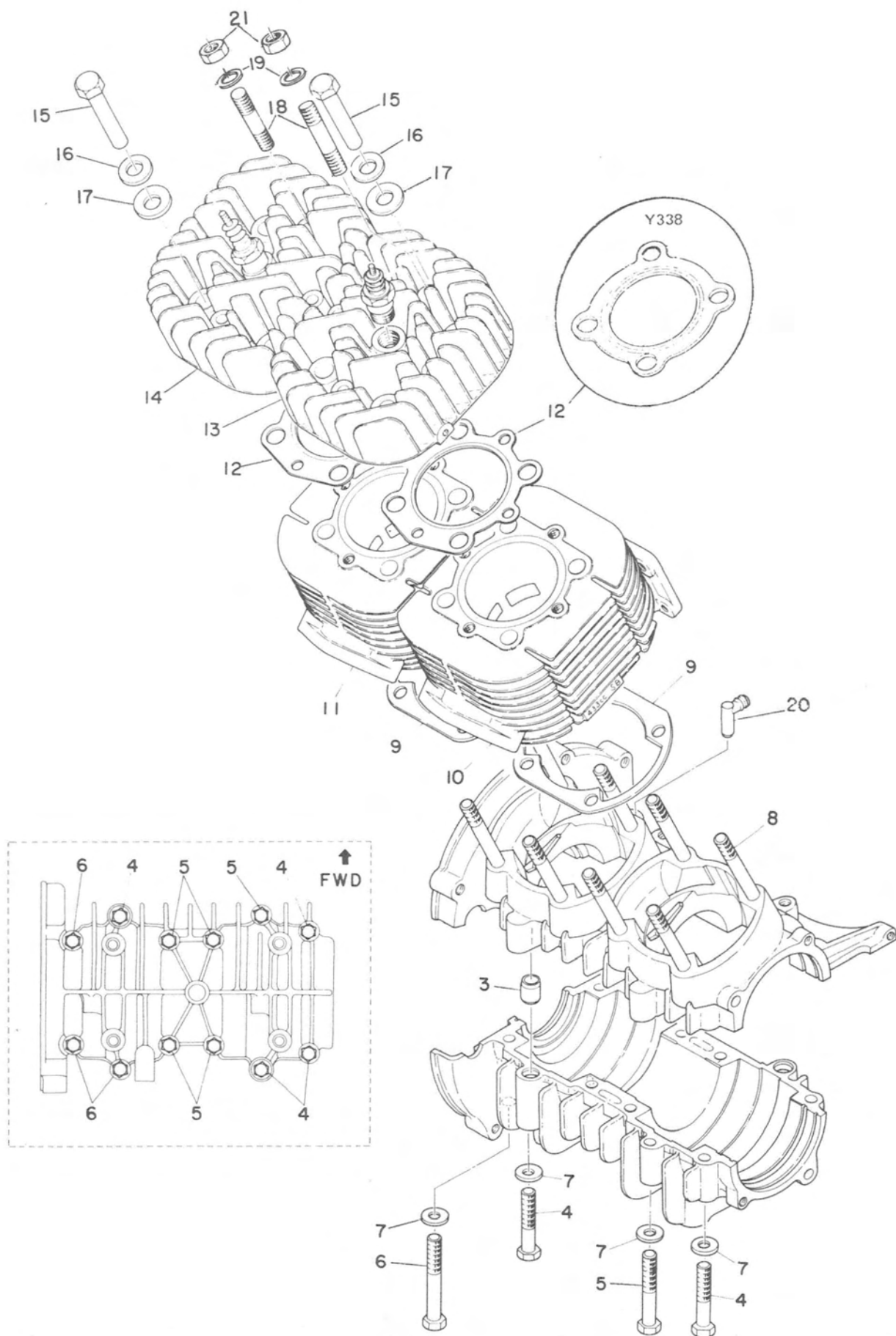


39

S433

Y338
S433

CRANKCASE



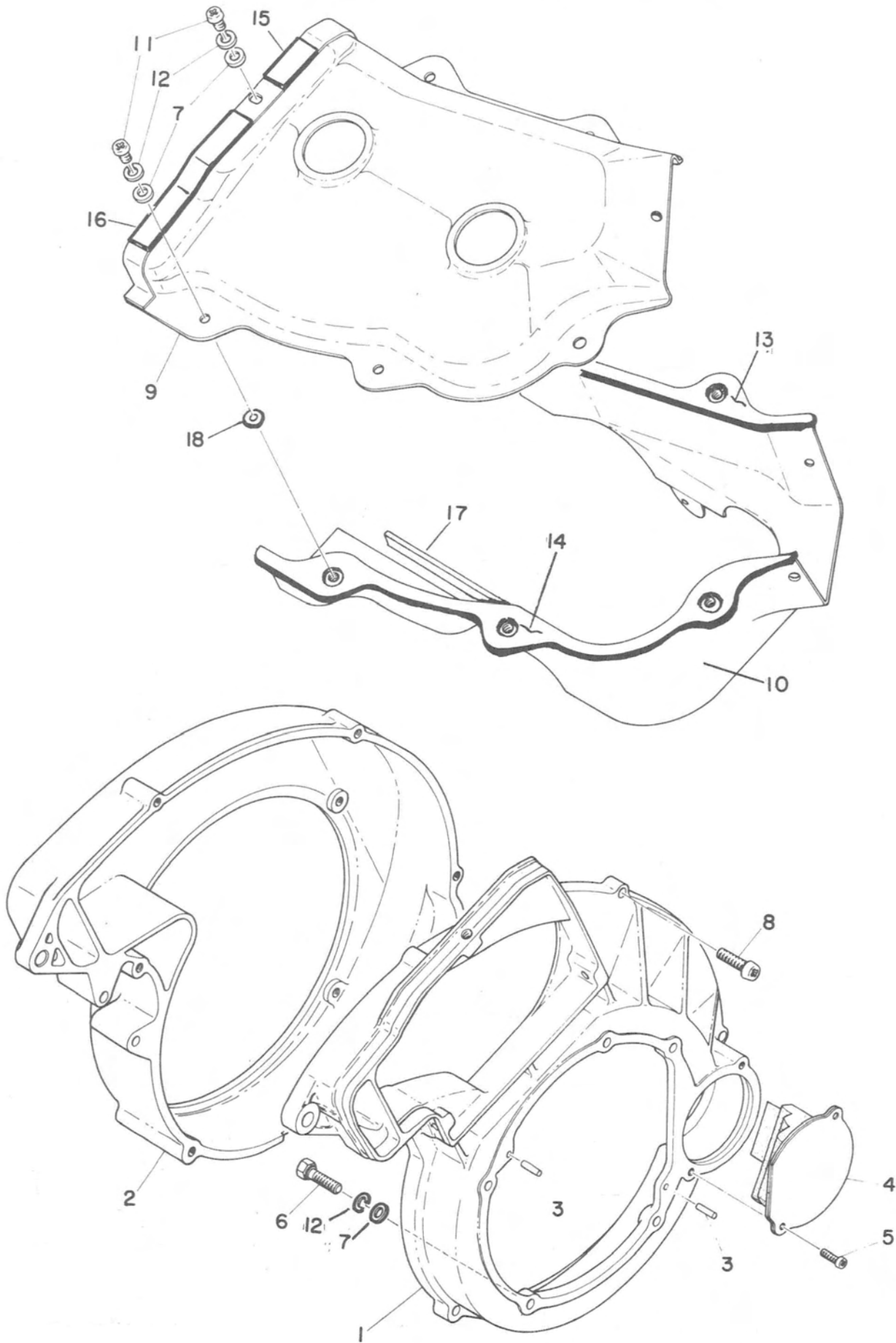
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Y338

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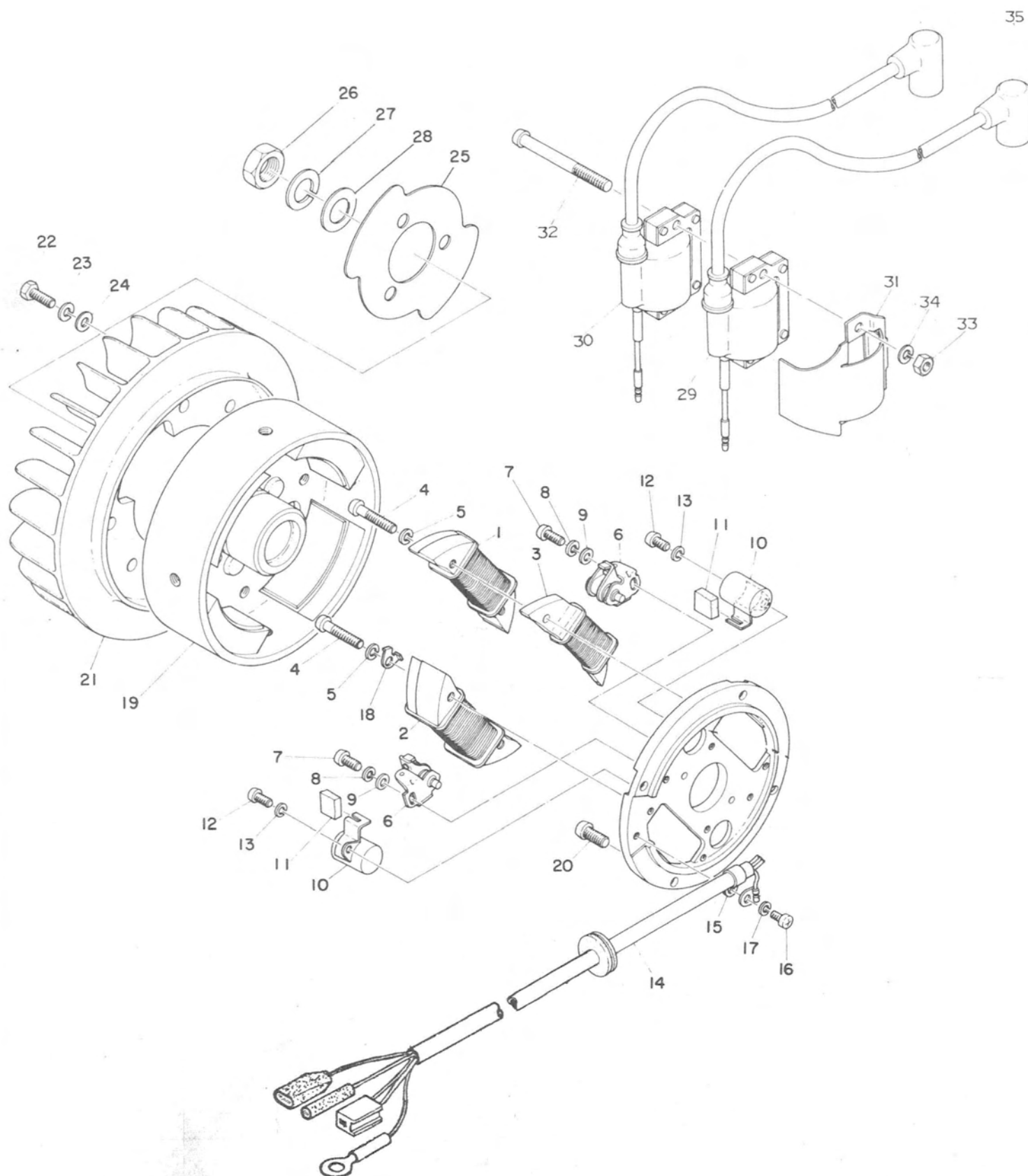
FAN CASE — AIR SHROUD



43

S433

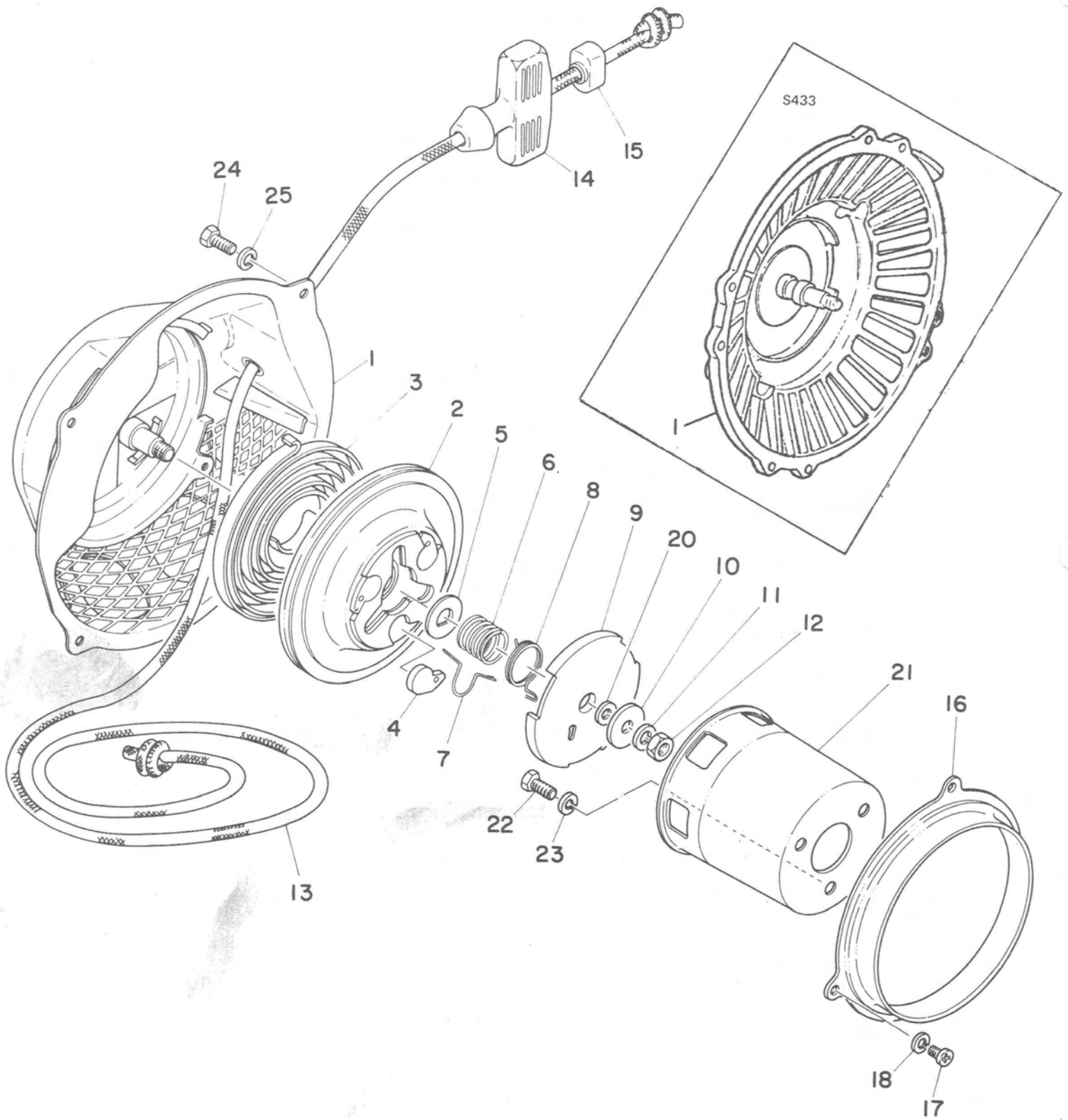
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Y338
S433

NO.	SNO*JET	YAMAHA	DESCRIPTION	QUAN.	
—	811789	782-81300-20	Flywheel Magneto Assembly	1	1
1	811114	838-81312-20	• Coil Source	1	1
2	811790	8A0-81312-20	• Coil, Lighting 1	1	1
3	811791	8A0-81314-20	• Coil, Lighting 2	1	1
4	810319	802-81345-20	• Screw, Panhead (5-25)	4	4
5	810453	92901-05100	• Washer, Spring	4	4
6	810365	806-81321-20	• Contact Breaker Assembly	2	2
7	810211	110-81347-20	• Screw, Panhead (4-12)	2	2
8	810451	92901-04100	• Washer, Spring	2	2
9	810452	92901-04200	• Washer, Plain	2	2
10	810315	802-81325-20	• Condenser	2	2
11	810213	120-81331-20	• Lubricator	2	2
12	810210	110-81346-20	• Screw, Panhead (4-10)	2	2
13	810451	92901-04100	• Washer, Spring	2	2
14	811792	782-81315-20	• Lead Wire Assembly	1	1
15	810208	104-81328-20	• Clamp Head	1	1
16	811085	165-81145-21	• Screw, Panhead (4-8)	1	1
17	810451	92901-04100	• Washer, Spring	1	1
18	811119	812-81332-20	• Plate, Timing	1	1
19	811120	838-81350-20	• Rotor Assembly	1	1
20	810441	92501-06015	Screw Panhead	4	4
21	811121	838-12611-00	Fan	1	1
22	811399	90101-06127	Bolt	6	6
23	810454	92901-06100	Washer, Spring	6	6
24	811469	90201-06052	Washer, Plain (136-23316-00)	6	
25	810722	812-81362-00	Cover, Hole	1	1
26	811793	90170-16182	Nut, Crank Shaft	1	1
27	810461	92901-16100	Washer, Spring	1	1
28	810381	90201-16247	Washer, 1	1	1
—	810183	839-81891-01	Ring Gear (See Electric Starter)	1	1
			COIL ASSEMBLY		
29	811123	838-82310-40	Ignition Coil Assembly	1	1
30	811124	838-82320-40	Ignition Coil Assembly	1	1
31	811088	838-82314-00	Cover, Ignition Coil	1	1
32	811125	92506-06070	Screw, Panhead	2	2
33	811794	95306-06600	Nut	2	2
34	810454	92906-06100	Washer, Spring	2	2
35	811795	8A1-82370-20	Plug, Cap Assembly		2
35	811801	898-82370-20	Plug Cap Assembly	2	
—	811797	8A1-82372-00	Seal		2
—	811654	861-82314-00	Clamp, Cord	1	1

STARTER

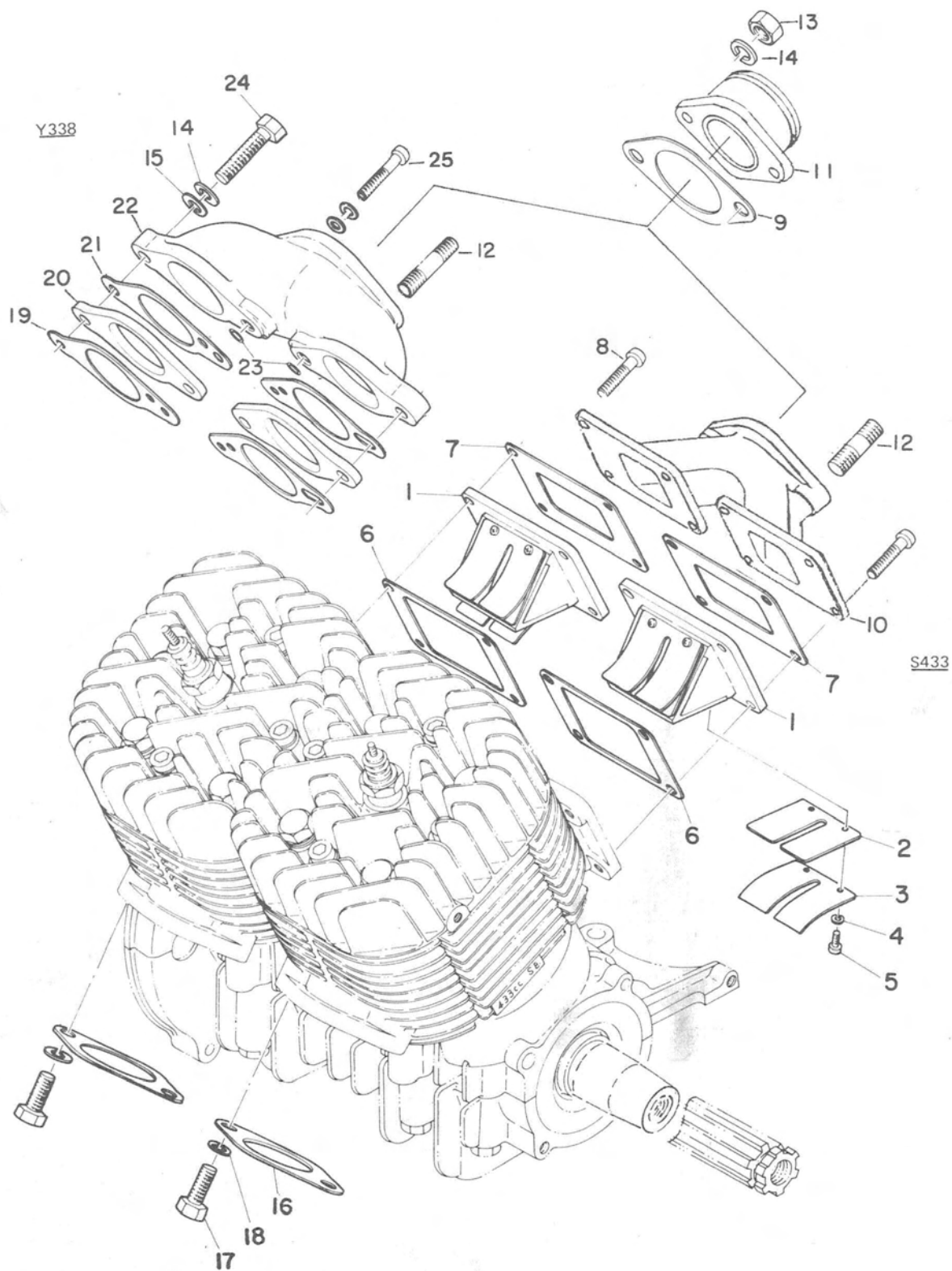


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INTAKE/EXHAUST



49

S433

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S433

No.	Sno*Jet	Description	QUAN.	
	811796	Tool Kit Complete	1	1
	811799	Tool Kit Complete	1	1
		The tool kits listed on this page consist of the following items:		
		Tool Bag	1	1
		Spanner 5.5 - 7	1	1
		Spanner 10 - 12	1	1
		Spanner 14 - 17	1	1
		Spanner, Special 19 - 22	1	1
		Box Wrench 10 - 12		1
		Box Wrench 17 - 21	1	1
		Grip, Driver	1	1
		Driver Blade - + Point/Cabinet	1	1
		Driver Blade - + Point	1	1
		Pliers	1	1
		Hex Wrench No. 5		1
		Hex Wrench No. 6	1	
		Optional Carburetor Jets		
		(For Mikuni Carburetors)		
	791245	Main Jet 190		
	791135	" " 200		
	791136	" " 210		
	791050	" " 220		
	791137	" " 230		
	791138	" " 240		
	791189	" " 250		
	791246	" " 260		
	791247	" " 270		
	791248	" " 280		
	791325	" " 310		
	791326	" " 330		
	791327	" " 370		
	791328	" " 350		