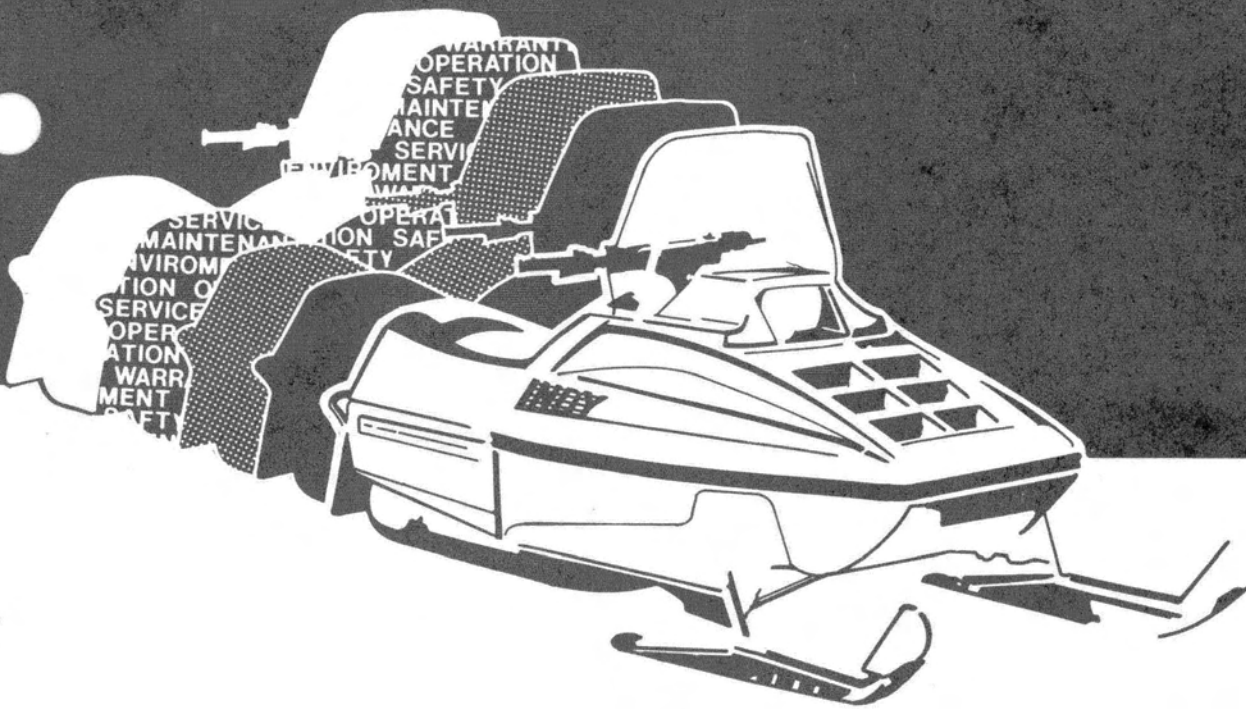


1982
TX-L INDY
CENTURION INDY 500
PARTS MANUAL



Polaris

TXL-INDY MODEL NUMBER 0820739
INDY 500 MODEL NUMBER 0820753

CONTENTS

HOOD ASSEMBLY	2 - 4
IGNITION ASSEMBLY	5
BODY	6 - 7
SEAT ASSEMBLY	8 - 9
STEERING ASSEMBLY	10 - 11
SKI ASSEMBLY	12 - 13
CHAINCASE ASSEMBLY	14 - 16
DRIVE CLUTCH	17
DRIVEN CLUTCH	18
MAIN WIRE HARNESS	19
TRACK ASSEMBLY	20
DRIVE SHAFT	21
SUSPENSION	22 - 23
ENGINE ASSEMBLY - TXL INDY	24 - 25
ENGINE ASSEMBLY - INDY 500	26 - 27
COOLING	28 - 29
CRANKCASE & CYLINDER - TXL INDY	30 - 31
CRANKSHAFT & PISTON - TXL INDY	32 - 33
WATER PUMP - TXL INDY	34 - 35
CARBURETOR - TXL INDY	36 - 37
FUEL PUMP - TXL INDY	38 - 39
MAGNETO - TXL INDY	40 - 41
RECOIL STARTER - TXL INDY	42 - 43
CRANKCASE - INDY 500	44 - 45
CYLINDER & MANIFOLD - INDY 500	46 - 47
CRANKSHAFT & PISTON - INDY 500	48 - 49
WATER PUMP - INDY 500	50 - 51
CARBURETOR - INDY 500	52 - 53
FUEL PUMP - INDY 500	54 - 55
MAGNETO - INDY 500	56 - 57
RECOIL STARTER - INDY 500	58 - 59

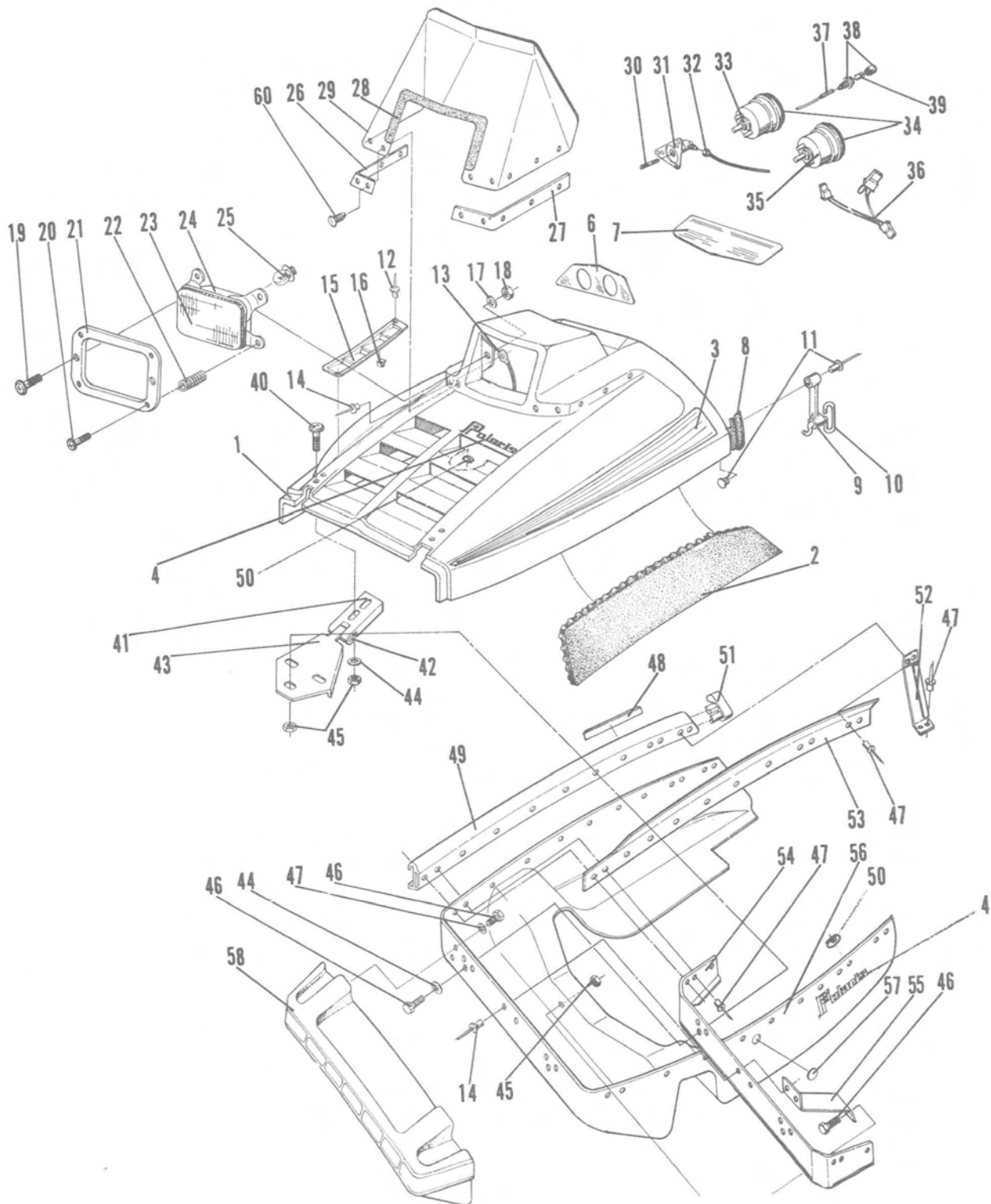
HOOD ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
1	5440182	Hood — Plain	1	1
2	5810125	Hood Foam — L.H.	1	1
	5810126	Hood Foam — R.H.	1	
	5810160	Hood Foam — R.H. — 500.		1
3	7071884	Decal — Hood L.H.	1	
	7071885	Decal — Hood R.H.	1	
	7071882	Decal — Hood L.H.		1
	7071883	Decal — Hood R.H.		1
4	5430640	Polaris Logo	3	3
6	7071870	Decal — Instrument	1	1
7	7071871	Decal — Warning	1	1
8	5521080	Edge Trim	1	1
9	5430626	Hood Latch Strap	1	1
10	5220165	Hood Latch Hook	1	1
11	7621601	Rivet — Cherry Mate.	2	2
12	7621322	Rivet	2	2
13	7080191	Hood Retainer Cable	1	1
14	7621403	Rivet	3	3
15	5430661	Hood Louver	1	1
16	7670042	"U" Clip	6	6
17	7558203	Washer	2	2
18	7541916	Nut	2	2
19	7511985	Screw	2	2
20	4032003	Screw Adjust	4	4
21	5210940	Headlight Ring Plate.	1	1
22	4032002	Spring Adjust	4	4
23	2431004	Headlight Asm. (Incl. 20, 22 - 25)	1	1
24	4032001	Headlamp Unit	1	1
25	4030028	Headlamp Bulb	1	1
	2870448	Quartz Bulb — Optional	AR	AR
26	5850055	Windshield Band — R.H.	1	1
27	5850054	Windshield Band — L.H.	1	1
28	5810118	Windshield Pad	1	1
29	5430664	Windshield	1	1
	2870497	High Windshield — Optional		
	2870533	Windshield — Low Racer — Optional		
30	3280017	Speedometer Key.	1	1
31	3280046	Angle Drive.	1	1
32	3280034	Speedo. Cable	1	1
33	3280048	Tachometer Head.	1	
	3280043	Tachometer Head.		1
34	2220173	Replacement Glass & Bezel (Tach or Speedo)	1	1
35	3280047	Speedometer Head	1	
	3280044	Speedometer Head		1
36	2460191	Adapter Harness	1	1
37	2460211	Lead — Indicator to Switch	1	1
38	4040006	Temp. Warning Indicator	1	1
39	4030010	Bulb	1	1
40	7512224	Screw	8	8
41	5220193	Upper Hood Hinge	2	2
42	7661621	Hood Hinge Pin	2	2
43	5220191	Lower Hood Hinge	2	2

HOOD ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
44	7558203	Washer	11	11
45	7542122	Nut	16	16
46	7512111	Bolt	11	11
47	7552801	Lock Washer	4	4
48	2670071	Amber Reflector Asm.	2	2
49	5510145	Extrusion Bumper Form R.H.	1	1
	5510144	Extrusion Bumper Form L.H..	1	1
50	7670009	Push-On Nut (For Logo) (Item No. 4)	6	6
51	5430587	Bumper Cap L.H..	1	1
	5430588	Bumper Cap R.H..	1	1
52	5220242	Brace Pan L.H.	1	1
	5220243	Brace Pan R.H.	1	1
53	5510133	Hood Guide L.H.	1	1
	5510134	Hood Guide R.H..	1	1
54	5223948	Brace Hinge	1	1
55	5223949	Upper Pan Brace	1	1
56	5410353	Nosepan	1	
	5410353	Nosepan		1
57	5410344	Hole — Plug	1	1
58	5430643	Nose Cone	1	1
60	7670041	Plastic Dart Clip	8	8
61	5810162	Hood Foam Center Top — Not Shown		1
62	5810163	Hood Foam Top Rear — Not Shown		1
63	5810161	Foil Tape R.H. — 500		1

HOOD ASSEMBLY

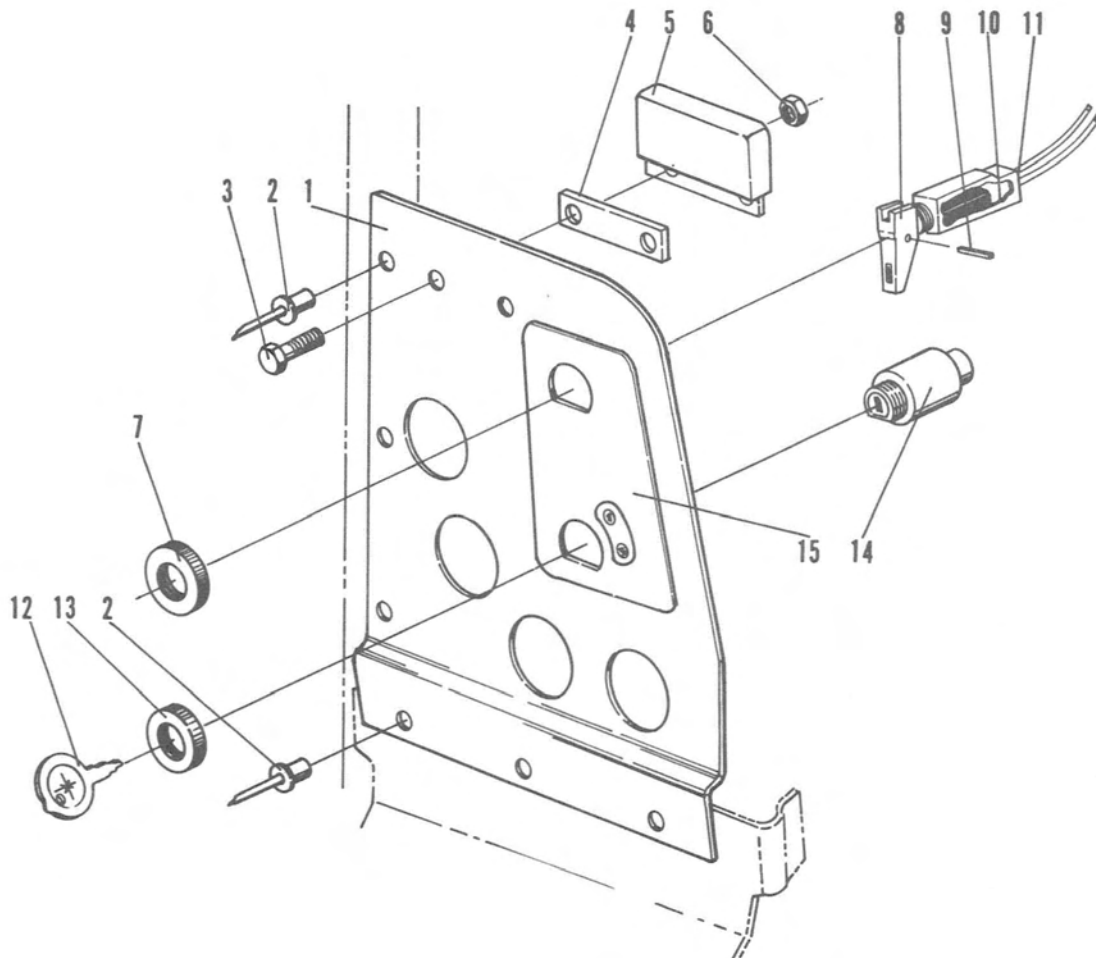


IGNITION ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
1	5220228	Console	1	1
2	7621429	Rivet	6	6
3	7511954	Screw	2	2
4	5210650	Heat Sink	1	1
5	4060075	Regulator	1	1
6	7541922	Nut	2	2
7	7080223	Choke Nut	1	1
8	2200175	Lever Kit (Incl. 8, 9, 10)	1	1
9		Flipper	1	1
10		Choke Slide	1	1
11	7080219	Choke Cable — 340	1	
	7080228	Choke Cable — 500		1
12	4110012	Ignition Key	2	2
13	7542807	Ignition Nut	1	1
14	4110038	Ignition Switch	1	1
15	7071857	Decal — Console	1	1

OPTIONAL ITEMS NOT SHOWN

2870361 Tether Switch



BODY

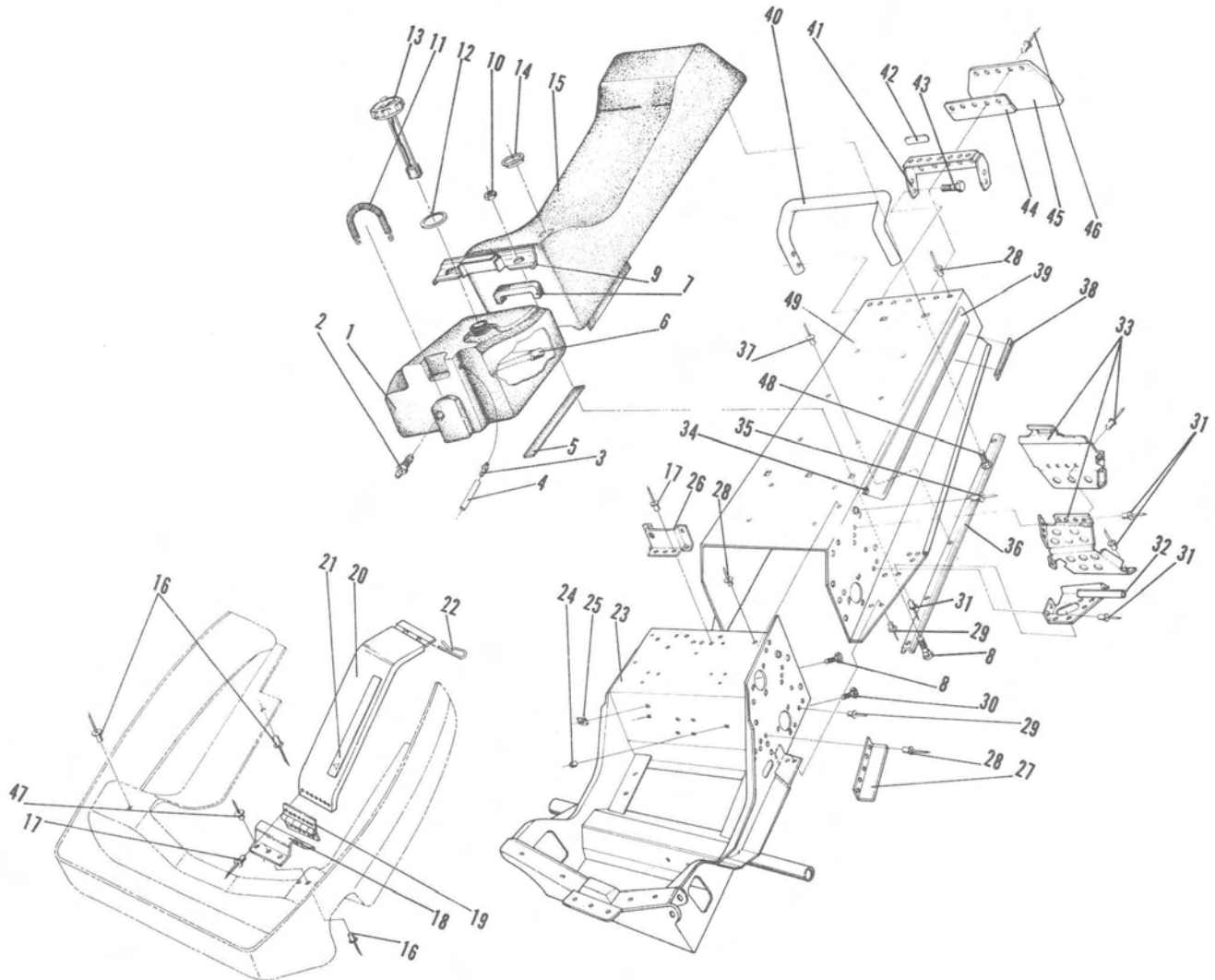
ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
1	2511150	Gas Tank	1	1
2	7052023	Fitting Outlet	1	1
3	5430669	Fitting Vent	1	1
4	5521087	Hose — Gas Tank Vent	AR	AR
5	5810063	Gas Tank Pad	1	1
6	5020246	Gas Line Weight	1	1
7	5420126	Tank Holddown Cushion	1	1
8	7512193	Bolt	8	8
9	5221722	Gas Tank Strap	1	1
10	7542101	Nut	3	3
11	7042020	Tank Front Spring	1	1
12	5810142	Gasket — Gas Cap	1	1
13	2511149	Gas Cap w/Gauge	1	1
14	5430575	Grommet — Filler Neck.	1	1
15	2681173	Seat Cushion Asm.	1	1
16	7621403	Rivet	43	43
17	7621330	Rivet	19	19
18	5223902	Bracket Hinge	1	1
19	5210728	Clutch Guard Hinge	1	1
20	5223899	Clutch Guard	1	1
21	7071854	Decal — Engine & Clutch	1	1
22	7080216	Clutch Cover Pin	1	1
23	1011454	Bulkhead Weldment	1	
	1011455	Bulkhead Weldment		1
24	5020397	Bushing	1	2
25	7670021	Push-On Nut	8	8
26	5221932	Gas Tank Bracket.	1	1
27	5223789	Guard — Adapter Drive	1	1
28	7621429	Rivet	26	26
29	7661620	Rivet	20	20
30	7515405	Bolt	1	2
31	7621324	Rivet	48	48
32	1011429	Weld — Trail Arm Support L.H.	1	1
	1011428	Weld — Trail Arm Support R.H.	1	1
33	1011432	Foot Rest — L.H..	1	1
	1011433	Foot Rest — R.H..	1	1
34	7080227	Male Snap	6	6
35	7621222	Rivet	6	6
36	5510130	Wear Strip		2
37	7621428	Rivet		9
38	2670070	Red Reflector	2	2
39	7071907	Decal — Tunnel — L.H.	1	1
	7071908	Decal — Tunnel — R.H.	1	1
40	5224221	Rear Bumper	1	1
41	5223916	Tunnel Back Panel	1	1
42	7071859	Decal — Track Warning	1	1
43	7512252	Screw	4	4
44	5221698	Snow Flap Backing	1	1
45	5810089	Snow Flap	1	1
46	7621418	Rivet	5	5

BODY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
47	7621452	Rivet	3	3
48	7512103	Bolt	2	2
49	1011417	Tunnel Replacement.	1	1

OPTIONAL ITEMS NOT SHOWN

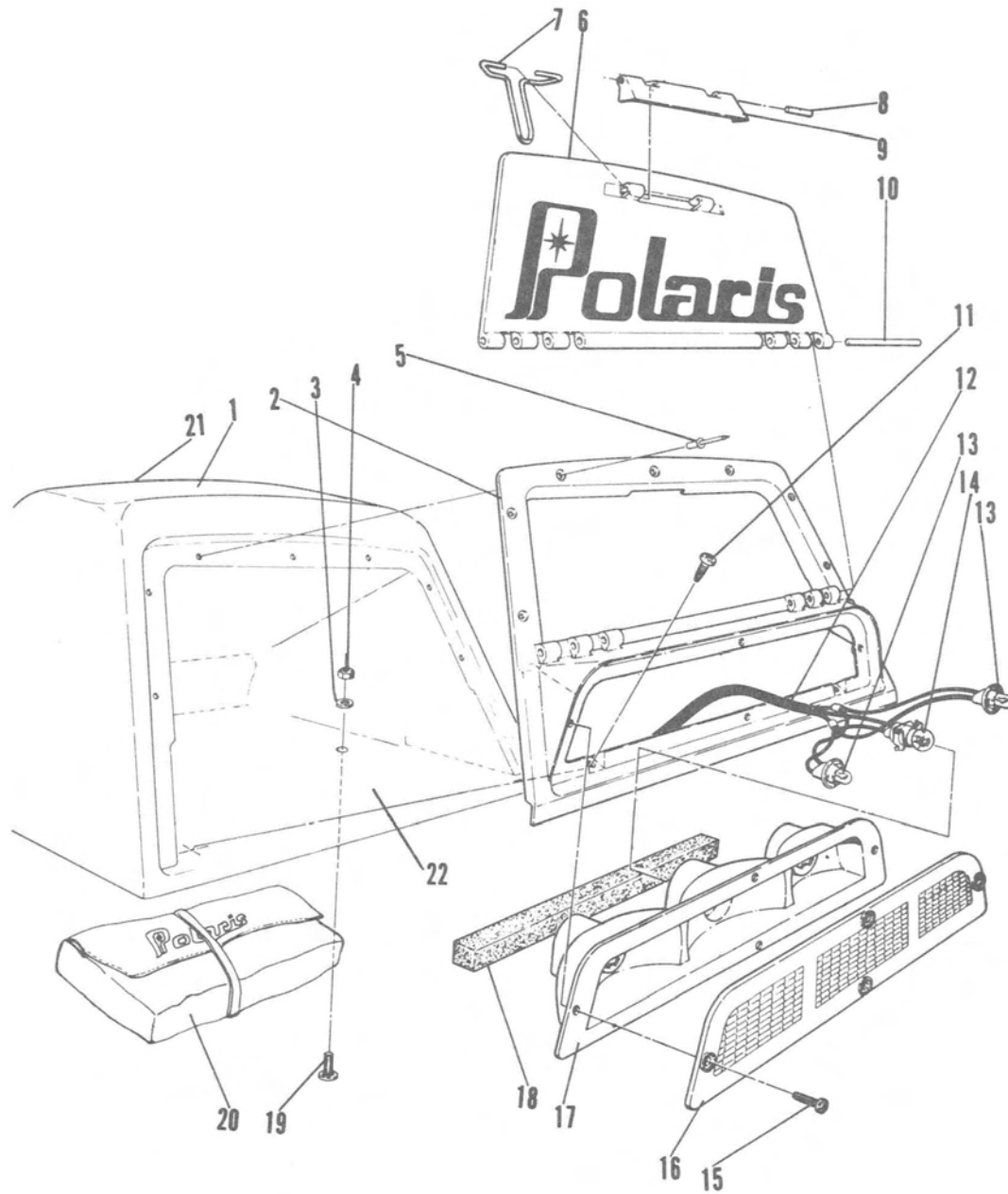
2870492	Indy Snowmobile Cover
2870493	Indy Snowmobile Cover w/High Windshield
2870392	Saddle Bag
2870314	Spray Paint — Blue 75—81 — 12 Oz.
2870273	Oil 40:1 (24 Pts./Case)



SEAT ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
1	2681173	Seat Cushion	1	1
2	5430426	Frame Door	1	1
3	7558221	Washer	2	2
4	7542101	Nut	2	2
5	7621223	Rivet	7	7
6	5430632	Compartment — Door	1	1
7	7040144	Latch Spring	1	1
8	7010030	Latch Pin	2	2
9	5430368	Latch.	1	1
10	7010026	Hinge Pin	2	2
11	7522008	Screw	2	2
12	2460173	Taillight Harness	1	1
13	4030015	Taillight Bulb	2	2
14	4030019	Brakelight Bulb	1	1
15	7511840	Screw	4	4
16	5430423	Taillight Lens	1	1
17	5430425	Taillight Housing	1	1
18	5420121	Shield	1	1
19	7512103	Bolt	2	2
20	2870257	Tool Kit.	1	1
21	2681174	Seat Covering	1	1
22	5430365	Tool Compartment	1	1

SEAT ASSEMBLY



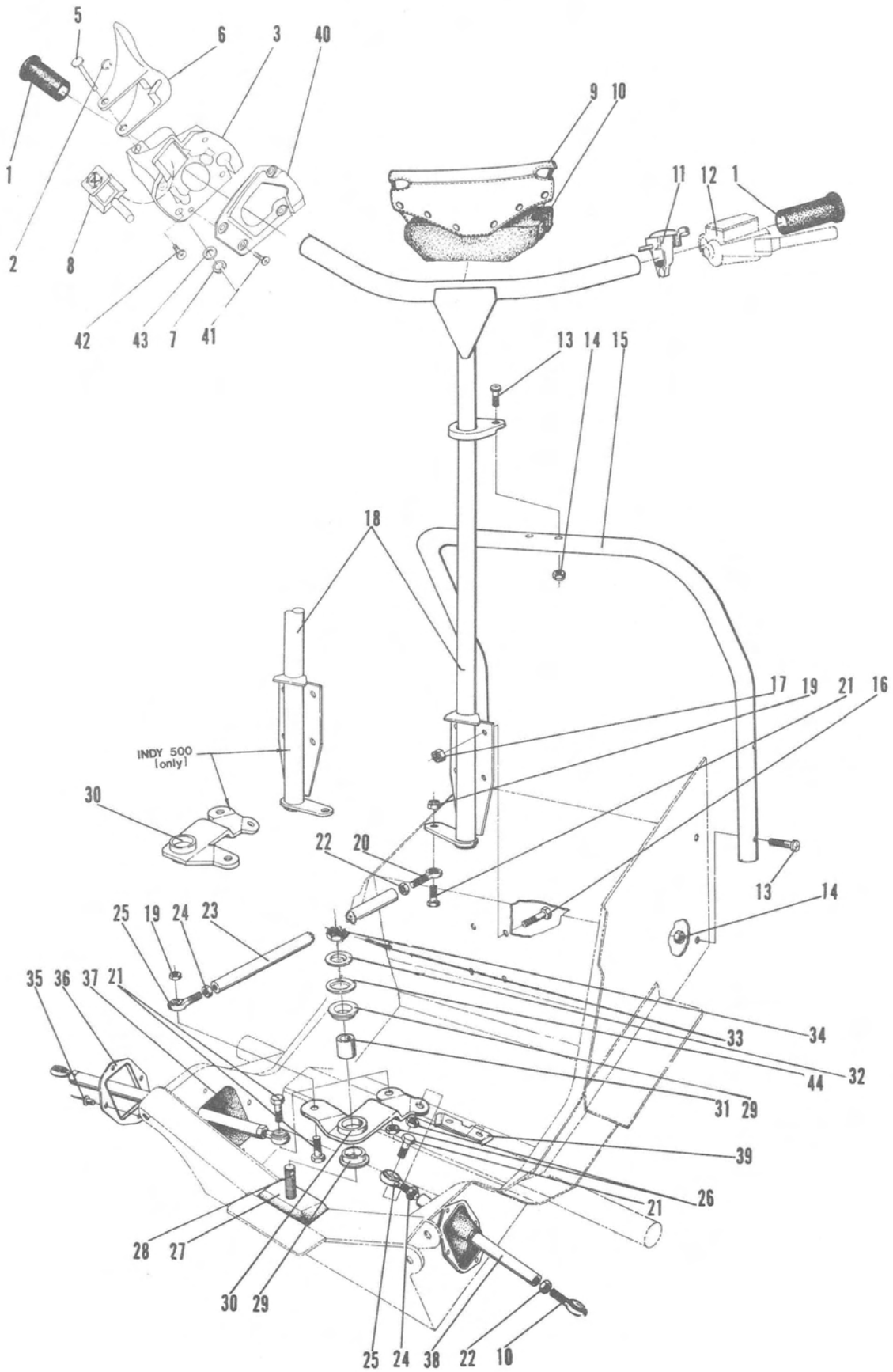
STEERING ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
1	5410272	Handlebar Grip	1	1
2	7710502	Retaining Ring	1	1
3	5430603	Throttle Block.	1	1
4	7512465	Set Screw (Not Shown).	1	1
5	7661624	Retaining Pin	1	1
6	5430638	Throttle Lever.	1	
	5430652	Throttle Lever.		1
7	7710401	Retaining Ring	1	1
8	4110058	Emergency Stop Switch	1	1
9	2690008	Handlebar Cover	1	1
10	5810159	Handlebar Pad.	1	1
11	4110040	Dimmer Switch	1	1
12		Master Cylinder (Ref. Chaincase Drawing)	1	1
13	7512183	Bolt	6	6
14	7542122	Nut	6	6
15	5224216	Steering Support	1	1
16	7512394	Bolt	4	4
17	7542324	Nut	4	4
18	1823122	Steering Post Weld	1	
	1823125	Steering Post Weld		1
19	7542439	Nut	2	2
20	7060125	Rod End — R.H.	3	3
21	7512404	Bolt	4	4
22	7542401	Nut — R.H..	3	3
23	5332712	Drag Link Rod	1	1
24	7542424	Nut — L.H.	3	3
25	7060124	Rod End — L.H.	3	3
26	7542439	Nut	2	2
27	5130534	Center Steering Block	1	1
28	7512658	Bolt	1	1
29	3563907	Bushing	2	2
30	1822040	Steering Arm Center Weld	1	
	1822047	Steering Arm Center Weld		1
31	5010161	Spacer Bushing	1	1
32	7555721	Washer	1	1
33	7661203	Cotter Pin	1	1
34	7542712	Nut	1	1
35	7621301	Rivet	8	8
36	5210904	Boot Seal Plate	2	2
37	5410328	Tie Rod Boot	2	2
38	5332713	Tie Rod	2	2
39	5220186	Steering Stop	1	1
40	5430604	Adapter Block.	1	1
41	7511848	Screw — Adapter Block.	6	6
42	7511849	Screw — Switch Ret..	1	1
43	7555730	Washer — Ret. Pin	1	1
44	7575702	Wave Washer	1	1

OPTIONAL ITEMS NOT SHOWN

2870537 Handlebar Heaters — Indy 500

STEERING ASSEMBLY



SKI ASSEMBLY

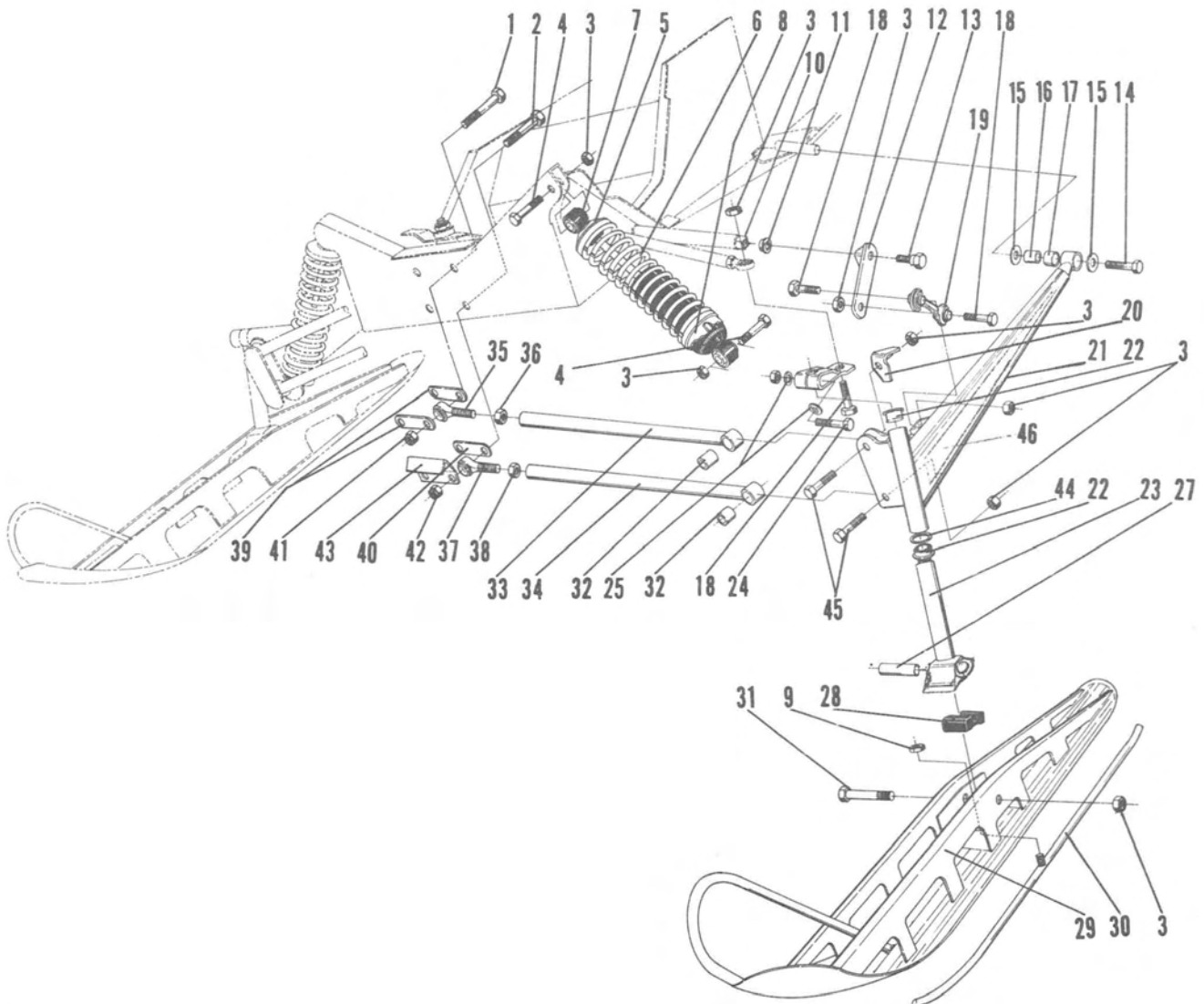
ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
1	7512551	Bolt	2	2
2	7512656	Bolt	2	2
3	7542403	Nut	18	18
4	7515415	Bolt	8	8
5	5220225	Retainer — Spring Coil Top	2	2
6	7041126	Spring Coil	2	2
7	7041124	Shock	2	2
8	5610092	Retainer — Spring Coil Bottom	2	2
9	7542302	Nut	2	2
10	5510131	Torsion Bar.	1	1
11	5430581	Bushing	2	2
12	1822043	Torsion Arm Weld	2	2
13	7515312	Shoulder Bolt	2	2
14	7512538	Bolt	2	2
15	7555721	Washer	4	4
16	5010167	Tube — Bushing Trailing Arm.	2	2
17	5410327	Rubber Pivot Trailing Arm.	2	2
18	7512404	Bolt	6	6
19	7060123	Linkage — Torsion Arm.	2	2
20	5220237	Stop — Steering L.H.	1	1
	5220238	Stop — Steering R.H.	1	1
21	1822049	Trailing Arm Weld L.H..	1	1
	1822048	Trailing Arm Weld R.H..	1	1
22	3573904	Flanged Bushing — Top.	2	2
	3574208	Flanged Bushing — Bottom	2	2
23	6230055	Spindle Shaft	2	2
24	7515433	Bolt	2	2
25	7555720	Wrought Washer	2	2
26	5220326	Steering Arm	2	2
27	5010158	Ski Pivot Bushing.	2	2
28	5410321	Rubber Stop	2	
	5521094	Rubber Stop		2
29	1820232	Ski — Weld	2	2
30	1820132	Skag — Weld	2	2
31	7515449	Bolt	2	2
32	5010127	Radius Rod Bushing	4	4
33	1822037	Radius Rod Asm.. . . .	2	2
34	1822045	Radius Rod Asm. — Lower	2	2
35	7060126	Rod End	2	2
36	7542520	Jam Nut.	2	2
37	7060127	Rod End	2	2
38	7542711	Jam Nut.	2	2
39	5220178	Spacer Strap	2	2
40	5220227	Spacer Strap Bottom	1	1
41	7542503	Nut	2	2
42	7542703	Nut	2	2
43	5223928	Brace Pan — Lower	1	1
44	7556509	Machinery Bushing	2	2

SKI ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
45	7515433	Bolt	4	4
46	7071910	Decal — Trailing Arm L.H..	1	1
	7071911	Decal — Trailing Arm R.H..	1	1

OPTIONAL ITEMS NOT SHOWN

2870297 Carbide Trail Skag



CHAINCASE ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
1	5332326	Bushing	1	1
2	5630126	Brake Lever	1	1
3	7512308	Set Screw	1	1
4	5420114	Brake Line	1	1
5	7052019	Male Connector	1	1
6	5630125	Master Cylinder Housing	1	1
7	5410176	Cover Gasket	1	1
8	5630127	Cover	1	1
9	7511841	Screw	2	2
10	7511975	Screw	1	1
11	7041067	Spring	1	1
12	5410164	"U" Pack Seal	1	1
13	5410163	"O" Ring	1	1
14	5020319	Master Cylinder Piston	1	1
15	1930562	Spring Clip	2	2
16	1930563	Pad Retainer Pin	2	2
17	1930564	Bleeder Screw	1	1
18	1930561	Bridge Bolt	2	2
19	1930559	Spacer Bushing	4	4
20	1930560	Bracket	1	1
21	1930558	Nut	2	2
22	5420114	Brake Line Asm.	1	1
23	7052034	Female Elbow	1	1
24	5020371	Connector	1	1
25	4110046	Stoplight Switch	1	1
26	1930566	Piston Casting	1	1
27	1930567	Piston Seal	1	1
28	1930568	Piston	1	1
29	1930569	Pad Assembly	2	2
30	1930570	Carrier Casting	1	1
31	7515301	Bolt	1	1
32	7555701	Washer	1	1
33	5430623	Spacer	1	1
34	1322089	Driven Clutch	1	1
35	3211042	Drive Belt	1	1
36	7556509	Machinery Bushing	3	3
37	7512331	Bolt	3	3
38	5221172	Flangette	4	4
39	3514501	Bearing	2	2
40	7555725	Washer	5	5
41	7542324	Nut	6	6
42	7721204	Key	1	1
43	5020323	Jackshaft	1	1
44	7727003	Key	1	1
45	7713901	Snap Ring	2	2
46	1332091	Brake Disc Asm.	1	1
47	7512394	Bolt	3	3
48	1011448	Recoil Retainer Weld		1
49	7512240	Bolt	4	4
50	7552801	Spring Washer	4	4
51	3222034	Sprocket — 39 Tooth	1	Opt.
	3222036	Sprocket — 35 Tooth	Opt.	1

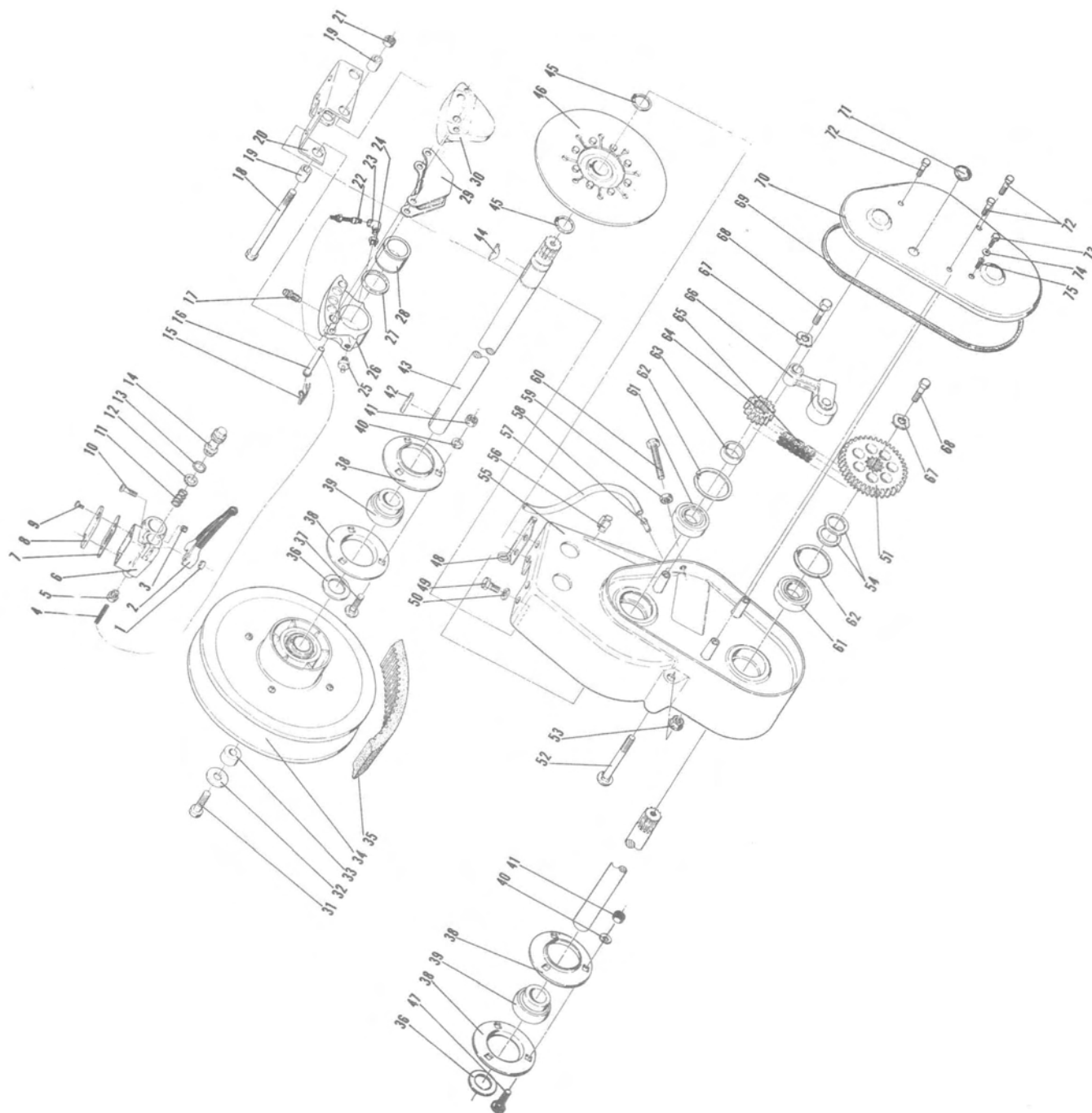
CHAINCASE ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
	3222037	Sprocket — 41 Tooth — Optional		
52	7515428	Bolt	3	3
53	7542423	Nut	3	3
54	7556509	Machinery Bushing	2	2
55	5630226	Chaincase	1	1
56	7670037	Clip	1	1
57	5420114	Hose — Bulk (Cut to fit)	1	1
58	7661504	Spiral Pin	1	1
59	7542404	Nut	1	1
60	7512470	Bolt	1	1
61	3514303	Bearing	2	2
62	7718406	Retaining Ring	2	2
63	5010128	Spacer	1	1
64	3221034	Sprocket — 19 Tooth	1	1
	3221031	Sprocket — 15 Tooth — Optional		
	3221034	Sprocket — 17 Tooth — Optional		
65	3224023	Chain — 64 Pitch	Opt.	1
	3224024	Chain — 66 Pitch	1	Opt.
	3224025	Chain — 68 Pitch — Optional		
66	1332078	Tightener Asm.	1	1
67	7577902	Shakeproof Washer	2	2
68	7512325	Bolt	2	2
69	5410277	Gasket	1	1
70	5223775	Chaincase Cover	1	1
71	5410012	Rubber Plug	1	1
72	7512246	Bolt	3	3
73	7511909	Cap Screw	1	1
74	7558201	Washer	1	1
75	7541918	Well Nut.	1	1

OPTIONAL ITEMS NOT SHOWN

2870381	Silicone Brake Fluid — 5½ Oz.
2870337	Chaincase Oil — 8 Oz.
2870464	Chaincase Oil — 1 Gal.
2870502	Drive Belt Holder (Pkg. 2)
3211045	Drive Belt — 500

CHAINCASE ASSEMBLY



DRIVE CLUTCH

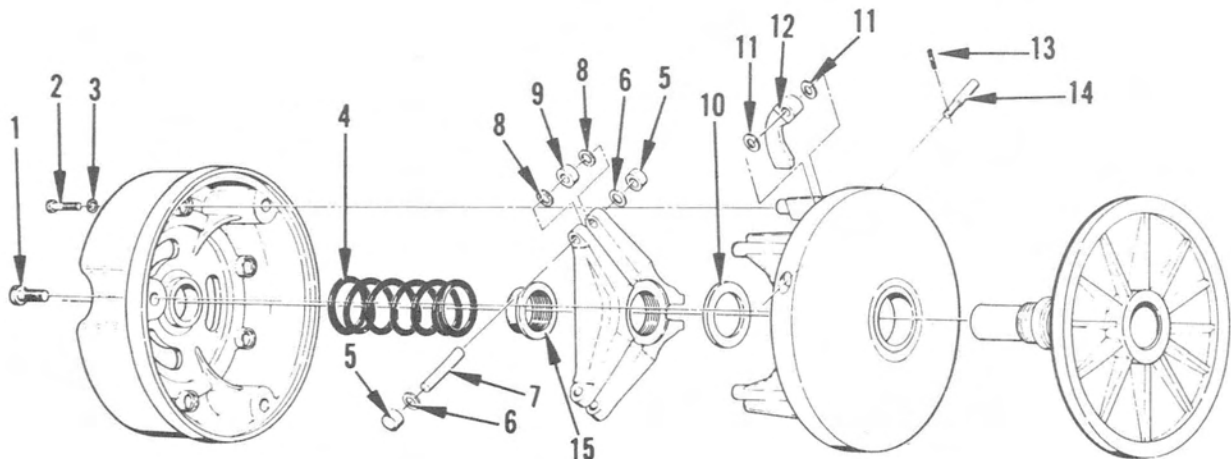
ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
	1321373	Drive Clutch Asm.	1	
	1321374	Drive Clutch Asm.		1
1	7512182	Cap Screw	3	3
2	7511978	Cover Screw	6	6
3	7574601	Lock Washer	6	6
4	7041062	Spring — Silver	1	
	7041060	Spring — Orange		1
5	5430445	Spider Guide Button.	6	6
6	5210733	.002" Shim (Optional)	AR	AR
7	7661816	Spider Roller Pin	3	3
8	5430399	Washer	6	6
9	5020299	Spider Roller	3	3
10	5210754	.050" Spacer Washer.	2	2
	5210752	.020" Spacer Washer (Optional)	AR	AR
	5210753	.032" Spacer Washer (Optional)	AR	AR
11	5430451	Shift Weight Washer	6	6
12	5610084	Shift Weight — B	3	
	5610080	Shift Weight — A		3
13	7661005	Spring Pin	3	3
14	5020280	Shift Weight Pin	3	3
15	5020304	Spider Jam Nut	1	1

HIGH ELEVATION MODIFICATIONS — INDY 500

7041083	Spring — Red	1
5610080	Shift Weight — A	3

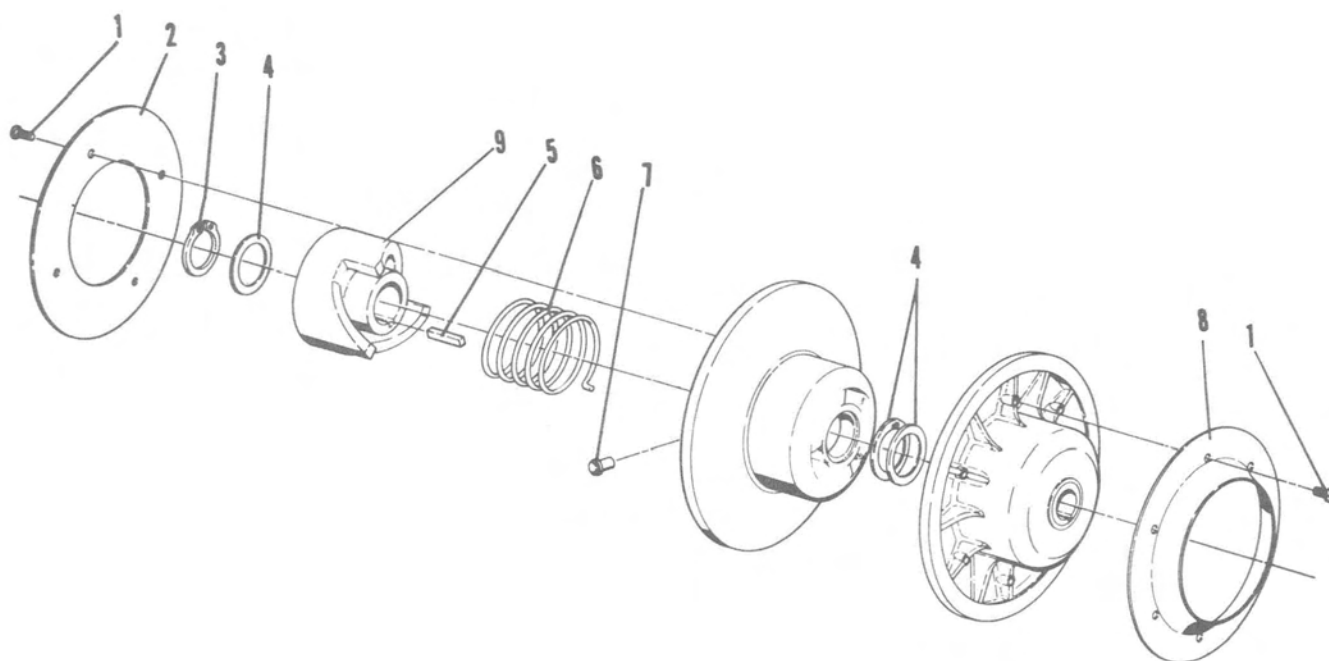
HIGH ELEVATION MODIFICATIONS — TXL-INDY

2200193	Kit — Eng. Mass & Pulley (Incl. the 2 following parts)	1
5130550	Water Pump Pulley	1
5130549	Mass Kit.	1
2200194	Kit — Clutch Components (Incls. all of the following)	1
5630227	O-3 Weight	3
1321372	Roller w/Insert	3
7041102	Spring — Yellow	1
5020280	Weight Pin	3
7661005	Roll Pin	3
7661816	Roller Pin	4



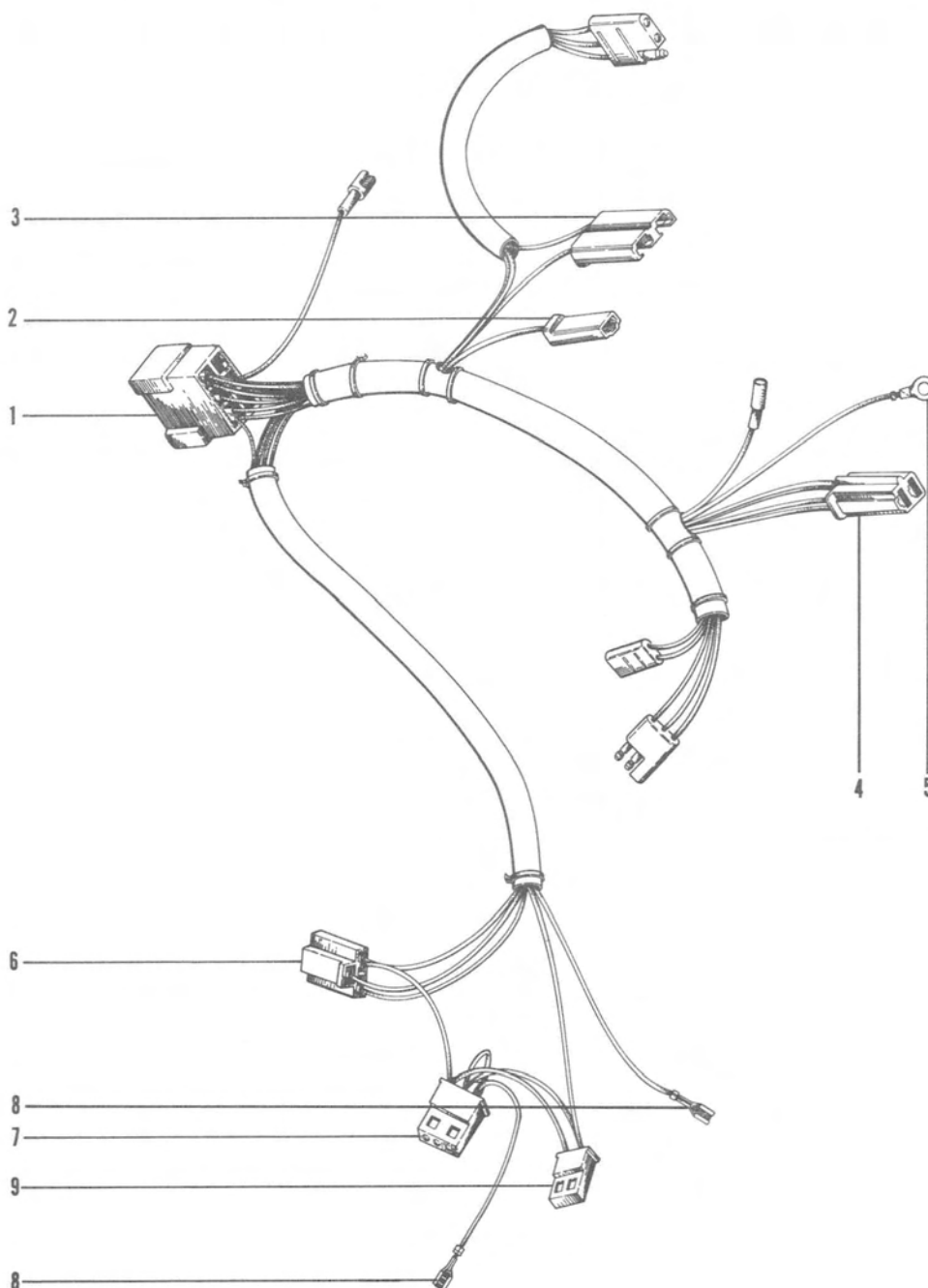
DRIVEN CLUTCH

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
	1322089	Driven Clutch Assembly	1	1
1	7511953	Screw	10	10
2	5210749	Driven Plate	1	1
3	7714804	Retaining Ring	1	1
4	7556804	Washer	3	3
5	7721103	Square Key	1	1
6	7041038	Clutch Spring	1	1
7	5430466	Ramp Button	3	3
8	5230101	Driven Cap	1	1
9	5630168	Helix	1	1



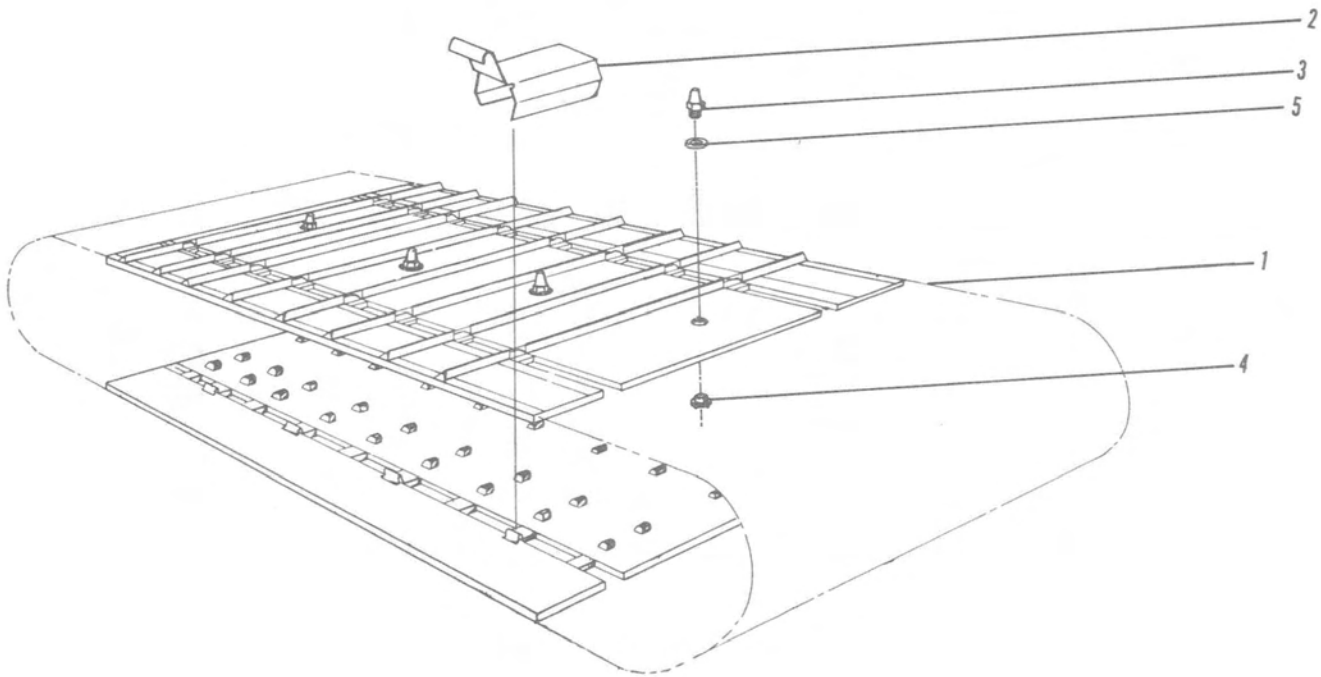
MAIN WIRE HARNESS

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
	2460216	Main Wire Harness (Incl. 1 - 9)		
1	2200039	Receptacle Housing w/Receptacles	1	1
2	2200177	Temp. Warning Light Connector	1	1
3	2200082	Brake Light Switch Connector	1	1
4	2200020	Ignition Switch Connector	1	1
5	2200029	Ring Terminal	1	1
6	2200022	Headlight Connector w/Receptacles	1	1
7	2200094	Tachometer Connector	1	1
8	2200017	Receptacle	2	2
9	2200095	Speedometer Connector	1	1



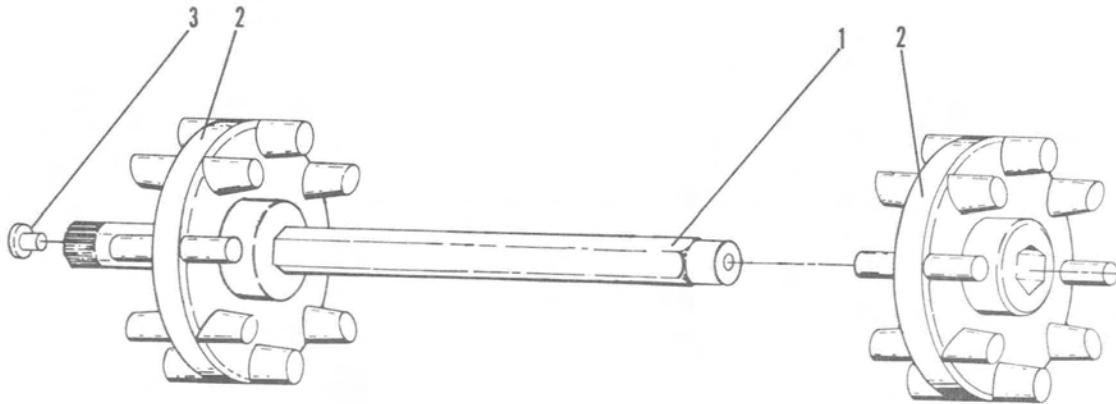
TRACK ASSEMBLY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
	1510144	Track Asm. (Incl. 1 - 5)		1
1	5410268	Track Asm. (Incl. 1 - 2)	1	1
2	5220015	Clip — Replacement	96	96
3	5020373	Stud		24
4	7542121	Tee Nut		24
5	7555710	Washer		24
	2870360	Optional Carbide Stud — Snow Biter No. 4		



DRIVE SHAFT

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
	1590198	Drive Shaft Asm.	1	1
1	5020388	Drive Shaft	1	1
2	5430571	Sprocket	2	2
3	3280019	Speedometer Bushing	1	1

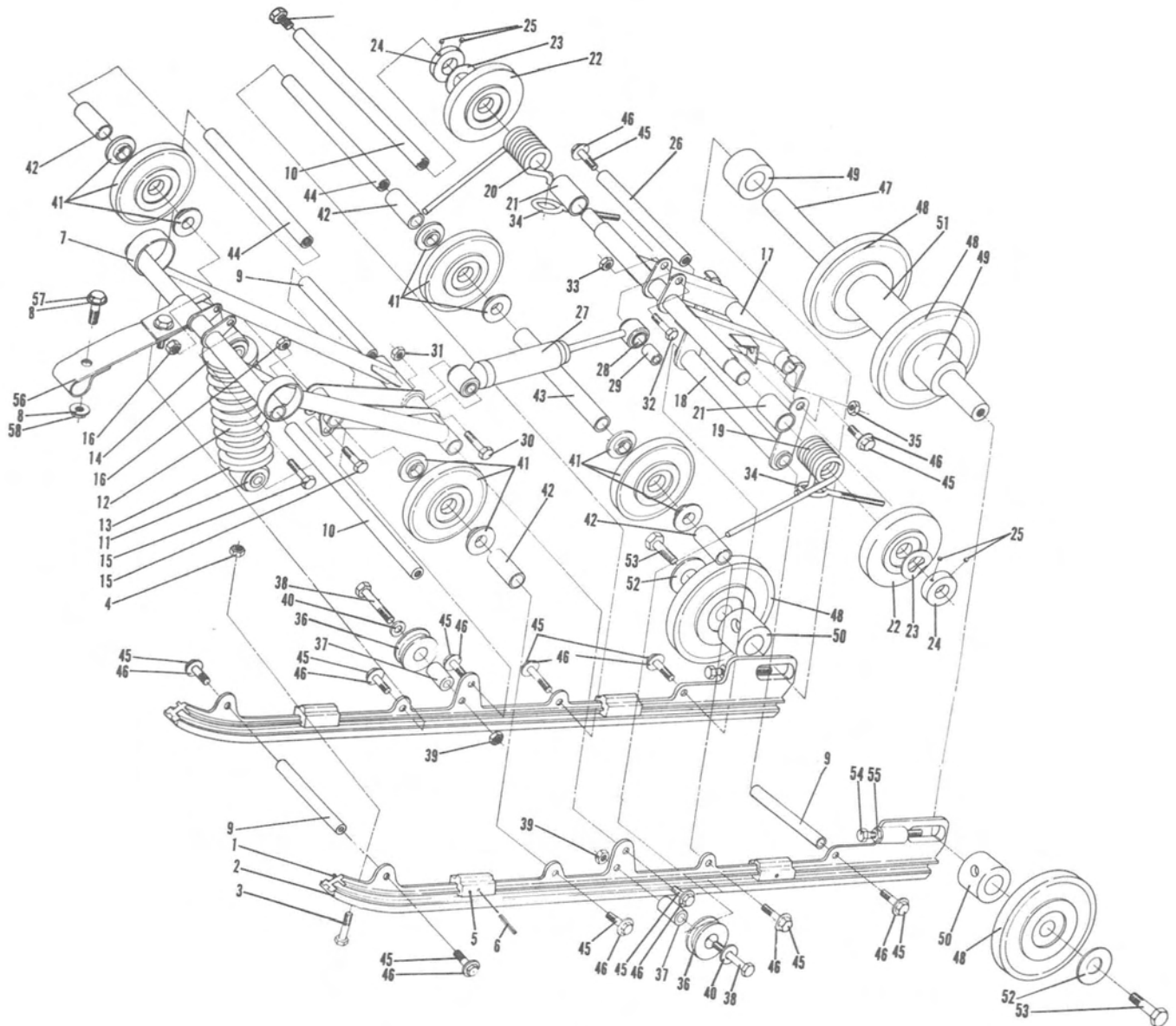


SUSPENSION

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
	1540519	Slide Rail Assembly	1	
	1540509	Slide Rail Assembly		1
1	1540514	Rail Asm. L.H.	1	
	1540515	Rail Asm. R.H.	1	
	1540512	Rail Asm. L.H.		1
	1540513	Rail Asm. R.H.		1
2	5521104	Hi-Fax Replacement	2	2
3	7512227	Bolt	2	2
4	7542101	Nut	2	2
5	5410315	Suspension Bumper	4	4
6	7661602	Spring Pin	4	4
7	1540480	Front Torque Arm Weld	1	1
8	7555716	Washer	4	4
9	5020392	Pivot Arm Shaft	3	3
10	5010149	Mounting Shaft	2	2
11	7041104	Front Shock	1	1
12	7041127	Shock Spring	1	1
13	5220225	Bottom Coil Spring Retainer	1	1
14	5610093	Top Coil Spring Retainer	1	1
15	7515443	Bolt	2	2
16	7542409	Nut	2	2
17	1540518	Rear Torque Arm Weld	1	1
18	1540484	Pivot Arm Weld	1	1
19	7041105	Spring — Susp. L.H.	1	1
20	7041106	Spring — Susp. R.H.	1	1
21	5521068	Spring Tube	2	2
22	1543013	Track Carrier Wheel	2	2
23	7571605	Wave Washer	2	2
24	5010155	Loc Collar	2	2
25	7512257	Set Screw	4	4
26	5020375	Pivot Arm Shaft	1	1
27	7041121	Shock	1	1
28	5430537	Bushing	1	1
29	5332631	Spacer	1	1
30	7515443	Bolt	1	1
31	7542409	Nut	1	1
32	7515306	Bolt	1	1
33	7542302	Nut	1	1
34	7080221	Eyebolt — Spring Adj.	2	2
35	7542402	Nut	2	2
36	5430540	Spring Roller	2	2
37	5332655	Roller Spacer	2	2
38	7515443	Bolt	2	2
39	7542409	Nut	2	2
40	7555712	Washer	2	2
41	1543015	Bogie Wheel	4	4
42	5332705	Outer Spacer Tube	4	4
43	5332704	Center Spacer Tube	1	1
44	5020393	Bogie Wheel Shaft	2	2
45	7512492	Bolt	12	12
46	7553001	Washer	12	12
47	5020395	Rear Idler Shaft	1	1
48	1594021	Rear Idler Wheel	4	4
49	5010169	Idler Spacer — Inner	2	2

SUSPENSION

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
50	5332641	Idler Spacer — Outer.	2	2
51	5010168	Idler Spacer — Center	1	1
52	7555802	Washer	2	2
53	7512492	Bolt	2	2
54	7515442	Bolt	2	2
55	7542404	Nut	2	2
56	5410319	Limiter Strap	1	1
57	7515307	Bolt	2	2
58	7542321	Nut	2	2
59	7515432	Bolt	4	4

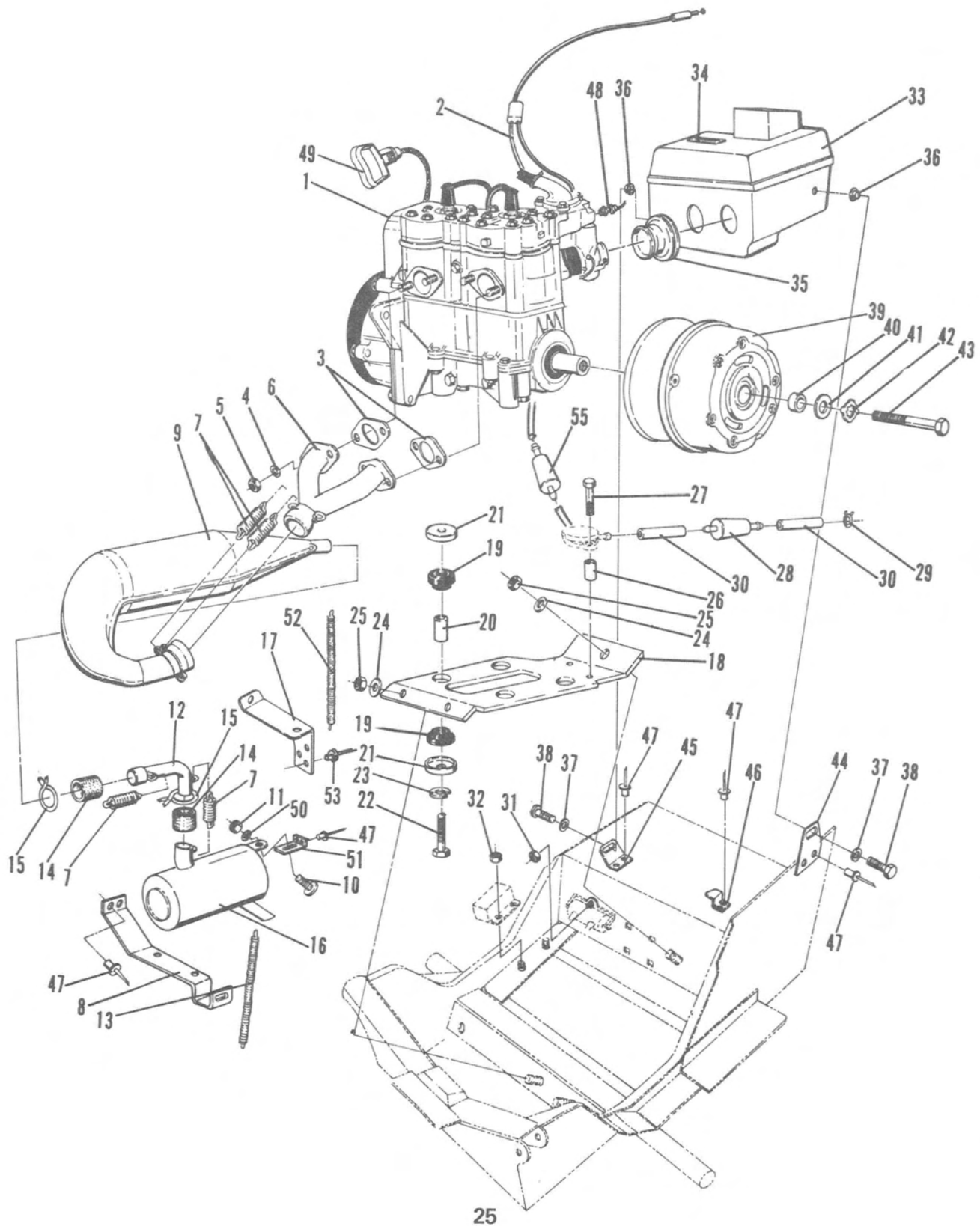


ENGINE ASSEMBLY — TXL INDY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
1	1211387	Engine — EC34PL—05	1
2	7080247	Throttle Control Cable	1
3	3082510	Exhaust Gasket	2
4	3080530	Washer	4
5	3080285	Nut	4
6	1260414	Manifold Weld	1
7	3081078	Exhaust Spring	6
8	5220217	Muffler Hanger	1
9	1260415	Muffler	1
10	7512113	Screw	1
11	7542101	Nut	1
12	1260459	Resonator Inlet Weld	1
13	7042015	Extension Spring	2
14	5420154	Hose — Stinger Seal	2
15	7080238	Hose Clamp	2
16	1260450	Resonator Weld	1
17	5220235	Muffler Bracket Support	1
18	5220310	Motor Mount Plate	1
19	5410320	Vibration Dampener	8
20	5010163	Motor Mount Bushing	4
21	5221901	Vibration Dampener Cap	8
22	7512515	Bolt	4
23	7553101	Washer	4
24	7558403	Washer	3
25	7542403	Nut	3
26	5332509	Tube Spacer	2
27	7512220	Screw	2
28	2530008	Filter	1
29	7080134	Clamp	1
30	5420111	Fuel Line (Bulk — Cut to fit)	AR
31	7542101	Nut	2
32	7542122	Nut	2
33	1253073	Intake Silencer Asm.. . . .	1
34	7071861	Decal — Intake Silencer	1
35	5410271	Boot	2
36	7541920	Well Nut.	2
37	7558201	Washer	2
38	7511986	Screw	2
39		Drive Clutch Asm. (See Drive Clutch Page)	1
40	5430261	Retaining Bolt Bushing	1
41	5210748	Clutch Retainer Washer	1
42	7575202	Washer	1
43	7512556	Bolt	1
44	5210901	Intake Silencer Bracket	1
45	5220020	Intake Silencer Mount	1
46	5220122	Intake Silencer Stand	1
47	7621429	Rivet	10
48	3083055	Temp. Warning Switch	1
49	5430520	Recoil Handle	1
50	7558203	Washer	1
51	5220226	Muffler Support	1
52	7041068	Tank Spring	1

ENGINE ASSEMBLY – TXL INDY

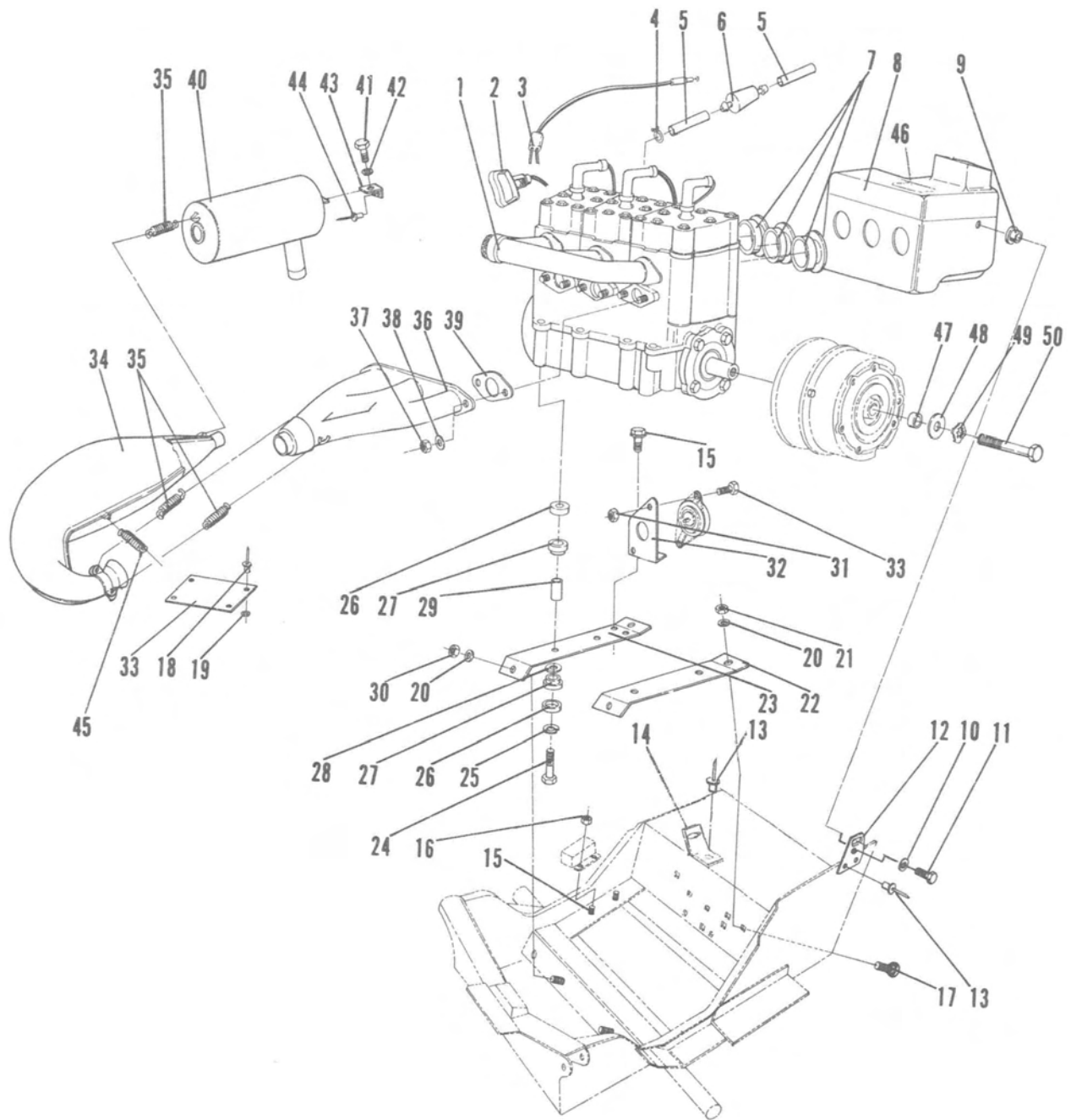
ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
53	7621419	Rivet	3
54	7512111	Bolt	2
55	2530009	Fuel Filter	2



ENGINE ASSEMBLY — INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	1211424	Engine Asm. — EC51PL—02	1
2	5430520	Recoil Handle	1
3	7080252	Throttle Control Cable	1
4	7080134	Clamp	1
5	5420111	Fuel Line (Bulk — Cut to fit)	AR
6	2530008	Fuel Filter	1
7	5410355	Boot	3
8	1253080	Air Intake Silencer Asm.	1
9	7541920	Well Nut.	2
10	7558222	Washer	2
11	7511986	Screw	2
12	5210928	Intake Silencer Bracket	1
13	7621429	Rivet	4
14	5223973	Bracket — Air Silencer R.H.	1
15	7512111	Bolt	4
16	7542122	Nut	2
17	7512410	Bolt	4
18	7621403	Rivet	4
19	7558212	Rivet Burr	4
20	7558403	Washer	4
21	7542403	Nut	2
22	5220311	Motor Mount Plate R.H.	1
23	5220312	Motor Mount Plate L.H.	1
24	7512545	Bolt	4
25	7553101	Washer	4
26	5221901	Cap — Vibration Dampener	8
27	5410241	Vibration Dampener	8
28	5020384	Motor Mount Spacer.	4
29	5332630	Motor Mount Bushing	4
30	7542411	Nut	2
31	7542101	Nut	2
32	5220131	Fuel Pump Mount	1
33	5210935	Muffler Mount Plate	1
34	1260463	Muffler Weld	1
35	3081078	Exhaust Spring	3
36	1260436	Manifold Weld	1
37	3080285	Nut	6
38	3080530	Washer	6
39	3082510	Exhaust Gasket	3
40	1260462	Resonator Weld	1
41	7512310	Bolt	1
42	7555725	Washer	1
43	1011458	Muffler Bracket Weld	1
44	7621429	Rivet	2
45	7042029	Spring — Exhaust.	1
46	7071861	Decal — Intake Silencer.	1
47	5430261	Bushing	1
48	5210748	Washer	1
49	7575202	Lock Washer	1
50	7512529	Bolt	1

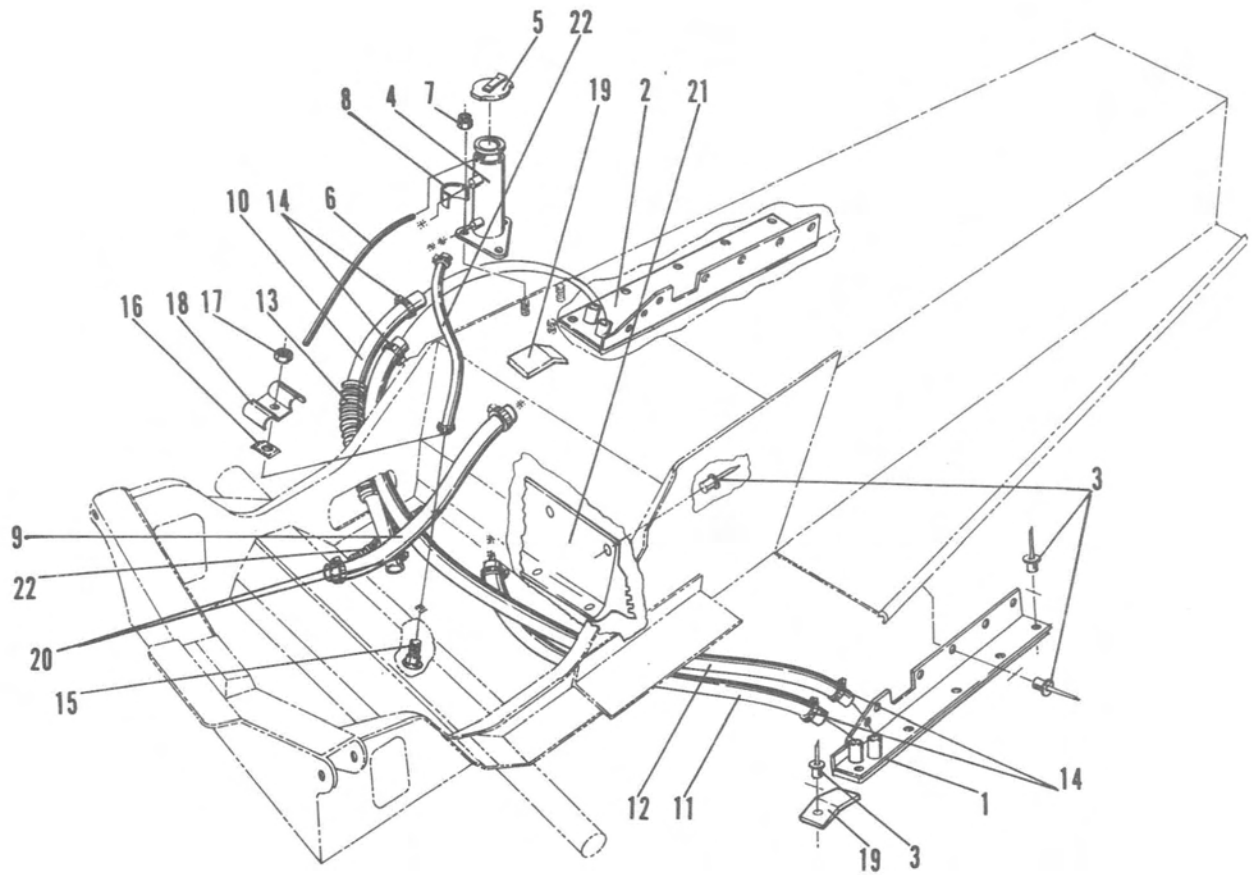
ENGINE ASSEMBLY – INDY 500



COOLING

ITEM NO.	PART NO.	PART DESCRIPTION	QTY.	
			340	500
1	2511137	Cooling Extrusion Asm. L.H.	1	1
2	2511138	Cooling Extrusion Asm. R.H.	1	1
3	7621429	Rivet	24	30
4	2511144	Surge Tank Weld	1	1
5	2511116	Pressure Cap	1	1
6	5420111	Gas Line Hose (Bulk — Cut to fit)	1	1
7	7542122	Nut	3	3
8	7071881	Decal — Surge Tank	1	1
9	5410294	Hose — Engine Outlet	1	
	5410348	Hose — Pump Inlet		1
10	5410323	Hose — Pump Inlet	1	
	5410349	Hose — Engine Inlet		1
11	5410325	Hose — Tank Outlet	1	
	5410350	Hose — Crossover — Short		1
12	5410324	Hose — Crossover	1	1
13	7041079	Spring — Hose Retainer	2	2
14	7080225	Clamp — Hose	6	8
15	7512193	Bolt	1	
16	7670021	Push-On Nut	1	
17	7542122	Nut	1	
18	5223812	Hose — Holddown	1	1
19	5240101	Guard — Cooling Extrusion	2	2
20	7080233	Clamp — Hose	2	2
21	2511139	Cooling Extrusion Asm.		1
22	5410351	Hose — Tank Outlet		1

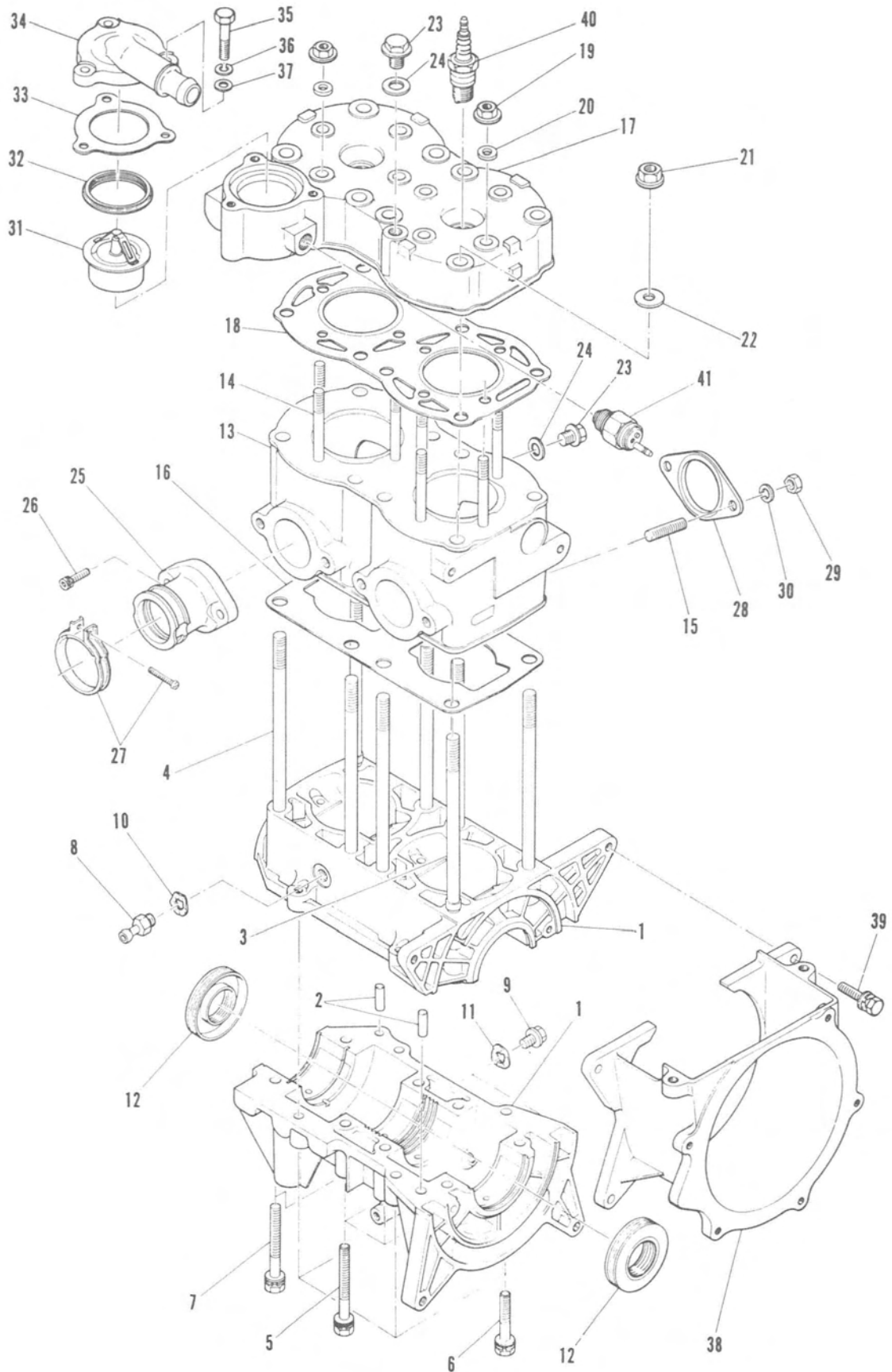
COOLING



CRANKCASE & CYLINDER – TXL INDY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
1	3083053	Crankcase Asm. (Incl. 1 - 7)	1
2	3083054	Dowel Pin	2
3	3082494	Stud	2
4	3082708	Stud	6
5	3080739	Bolt & Washer Asm.	6
6	3080883	Bolt & Washer Asm.	4
7	3080742	Bolt & Washer Asm.	2
8	3080641	Union	1
9	3083044	Plug	2
10	3081634	Wave Washer	1
11	3083027	Wave Washer	2
12	3082709	Oil Seal	2
13	3082710	Cylinder Compl. (Incl. 13 - 15)	1
14	3082896	Stud	8
15	3080016	Stud	4
16	3082713	Gasket (Cylinder).	1
17	3083165	Cylinder Head	1
18	3082715	Gasket Compl. (Head)	1
19	3082910	Flange Nut	8
20	3082505	Washer	8
21	3082911	Flange Nut	8
22	3082507	Washer	8
23	3082716	Plug	2
24	3082956	Gasket	2
25	3082720	Adapter Compl.	2
26	3082062	Bolt (Socket Head)	4
27	3083166	Band Asm.(Adapter).	2
28	3082510	Gasket Compl. (Exhaust)	2
29	3080285	Nut	4
30	3080530	Spring Washer	4
31	3083167	Thermostat Compl.	1
32	3082726	Rubber Gasket	1
33	3082727	Gasket (Thermostat).	1
34	3082912	Thermostat Case Cover	1
35	3080667	Bolt	3
36	3080530	Spring Washer	3
37	3080142	Washer	3
38	3083168	Magneto Cover	1
39	3082730	Bolt & Washer Asm.	4
40	3070163	Spark Plug	2
41	3083055	Thermo Switch Compl.	1

CRANKCASE & CYLINDER – TXL INDY



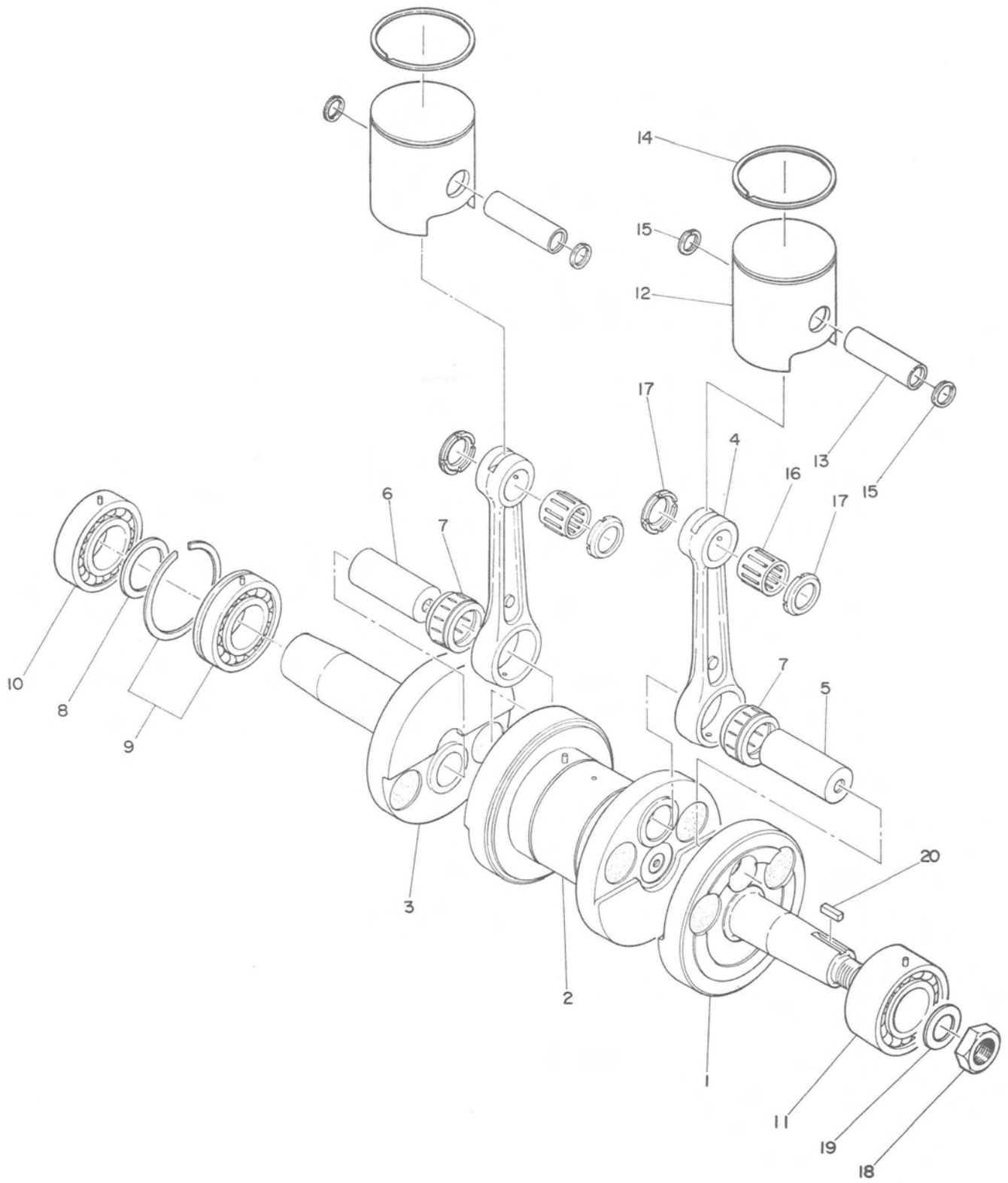
CRANKSHAFT & PISTON – TXL INDY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
	3083064	Crankshaft Asm. (Incl. 1 - 11)	1
1	3083056	Crankshaft Mag Wheel	1
2	3083057	Crankshaft Center (Incl. 5 & 6)	1
3	3083065	Crankshaft PTO Wheel	1
4	3082789	Connecting Rod	2
5	3082793	Crank Pin Mag Wheel	1
6	3082795	Crank Pin PTO Wheel	1
7	3082902	Large End Bearing	2
8	3080447	Spacer	1
9	3082735	Ball Bearing	1
10	3082734	Ball Bearing	3
11	3083002	Ball Bearing	1
12	3082738	Piston Compl.	2
13	3080126	Piston Pin	2
14	3082497	Piston Ring	2
15	3081714	Clip (Piston Pin)	4
16	3081648	Small End Bearing	2
17	3082737	Spacer (Piston Pin)	4
18	3082739	Nut	1
19	3082740	Washer	1
20	3081447	Key	1

OPTIONAL OVERSIZED PISTONS & RINGS

12	3082849	Piston .010 Oversize	1
	3082705	Piston .020 Oversize	1
14	3082559	Ring .010 Oversize	1
	3082706	Ring .020 Oversize	1

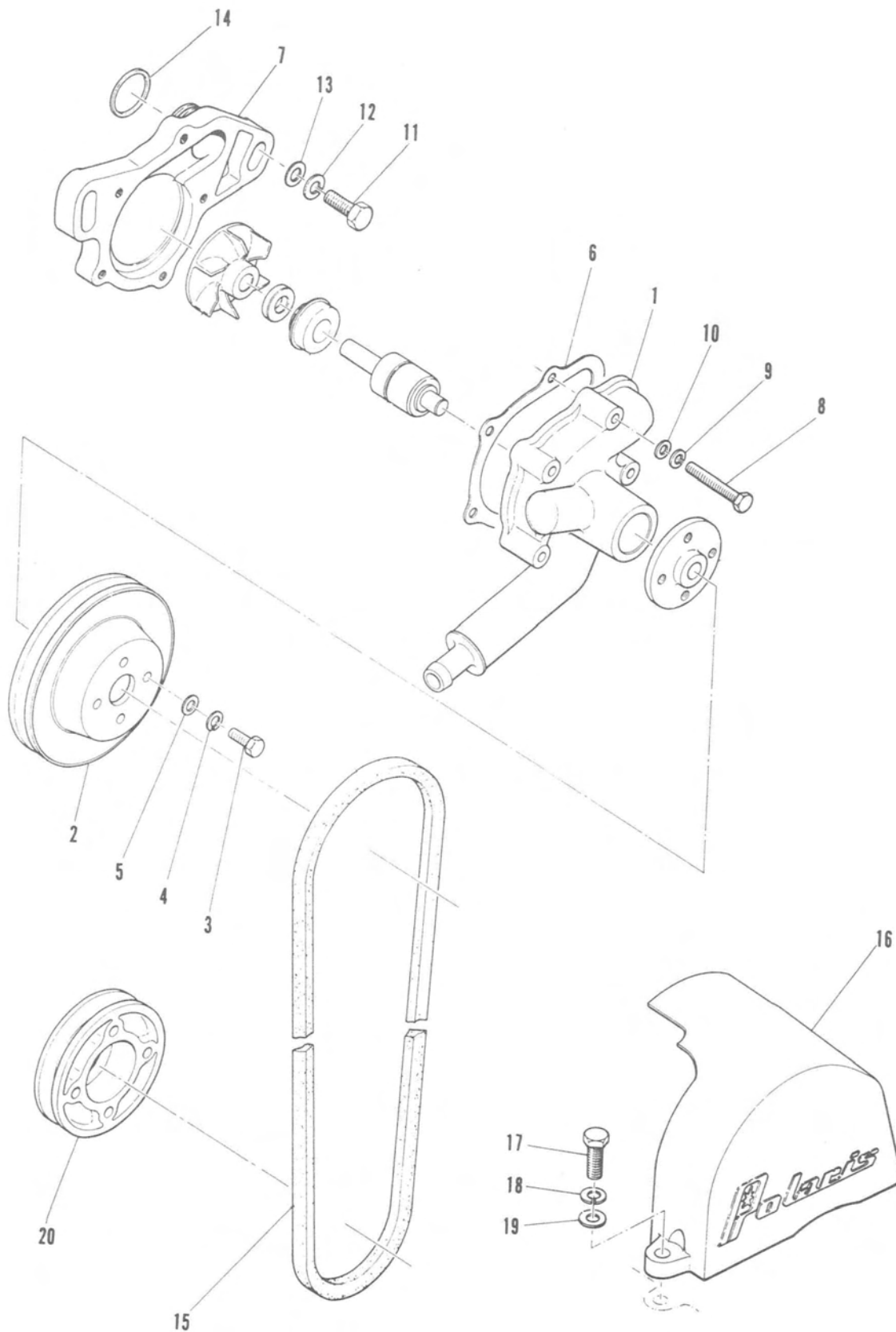
CRANKSHAFT & PISTON — TXL INDY



WATER PUMP – TXL INDY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
1	3083169	Water Pump Asm.	1
2	3082742	Pulley (Driven)	1
3	3080146	Bolt	4
4	3080077	Spring Washer	4
5	3080078	Washer	4
6	3082744	Water Pump Gasket	1
7	3082745	Pump Casing 2.	1
8	3080109	Bolt	5
9	3080077	Spring Washer	5
10	3080078	Washer	5
11	3082901	Bolt	2
12	3080530	Spring Washer	2
13	3082505	Washer	2
14	3082746	"O" Ring	1
15	3082747	Belt	1
16	3082899	Water Pump Cover	1
17	3080667	Bolt	2
18	3080530	Spring Washer	2
19	3080142	Washer	2
20	3082913	Pulley (Drive)	1

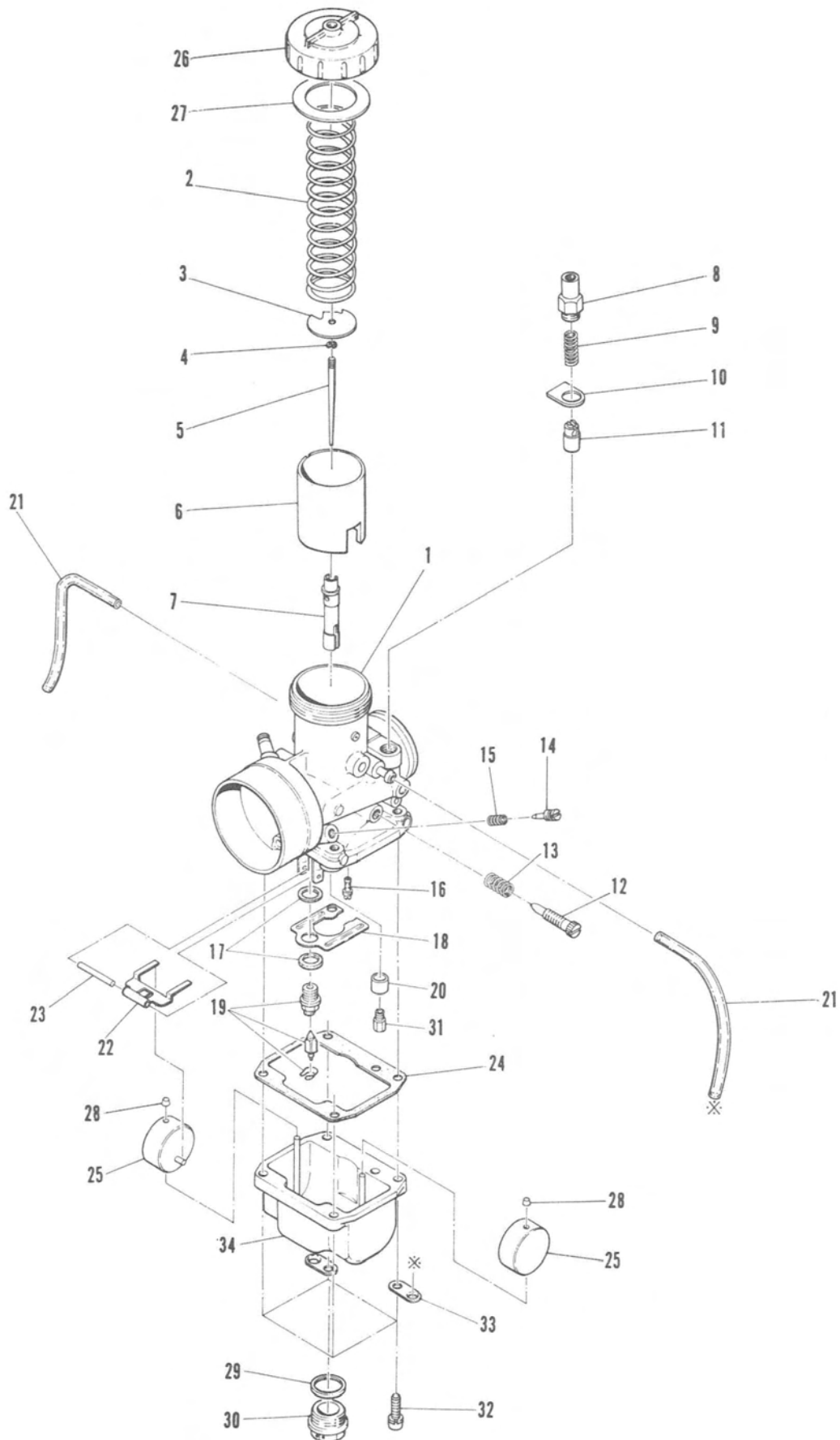
WATER PUMP — TXL INDY



CARBURETOR — TXL INDY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
1	3130182	Carburetor Asm. (Incl. 1 - 34)	2
2	3130026	Spring (Throttle)	1
3	3130054	Plate (Throttle)	1
4	3130003	"E" Ring	1
5	3130157	Jet Needle	1
6	3130231	Throttle Valve (2.5)	1
7	3130165	Needle Jet (Q-2)	1
8	3130199	Plunger Cap	1
9	3130006	Plunger Spring	1
10	3130234	Washer (Plunger)	1
11	3130008	Plunger Asm.	1
12	3130009	Throttle Stop Screw	1
13	3130010	Spring (Throttle Adjuster)	1
14	3130011	Air Screw	1
15	3130012	Spring (Air Adjuster)	1
16	3130068	Pilot Jet (No. 45)	1
17	3130047	Packing (Needle Valve)	2
18	3130243	Plate	1
19	3130046	Needle & Seat	1
20	3130232	Ring	1
21	3130241	Hose	2
22	3130048	Float Arm	1
23	3130019	Float Pin	1
24	3130049	Gasket (Float Chamber)	1
25	3130021	Float Asm.	2
26	3130061	Cap (Incl. 26 & 27)	1
27	N/A	Gasket	1
28	3130022	Cap	2
29	3130239	"O" Ring	1
30	3130238	Guide Screw	1
31	3130129	Main Jet (No. 260)	1
32	3130156	Screw & Washer Asm.	4
33	3130242	Plate	2
34	N/A	Float Chamber Body	1

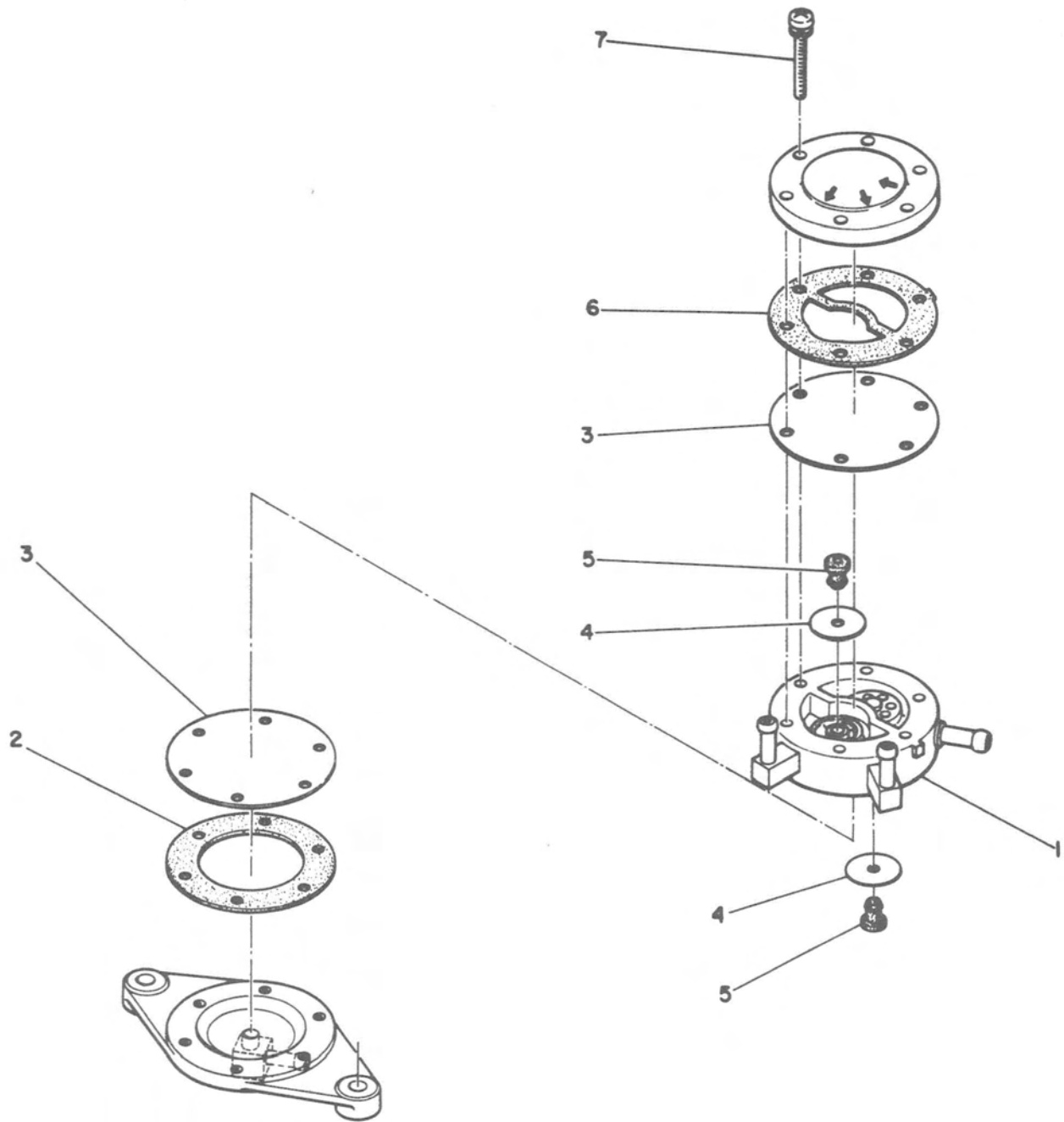
CARBURETOR – TXL INDY



FUEL PUMP — TXL INDY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
1	3082418	Fuel Pump Asm.	1
2	3081380	Packing (Bottom).	1
3	3080844	Diaphragm	2
4	3081989	Valve.	2
5	3081529	Grommet	2
6	3081384	Packing (Top)	1
7	3081286	Screw & Washer Asm.	6

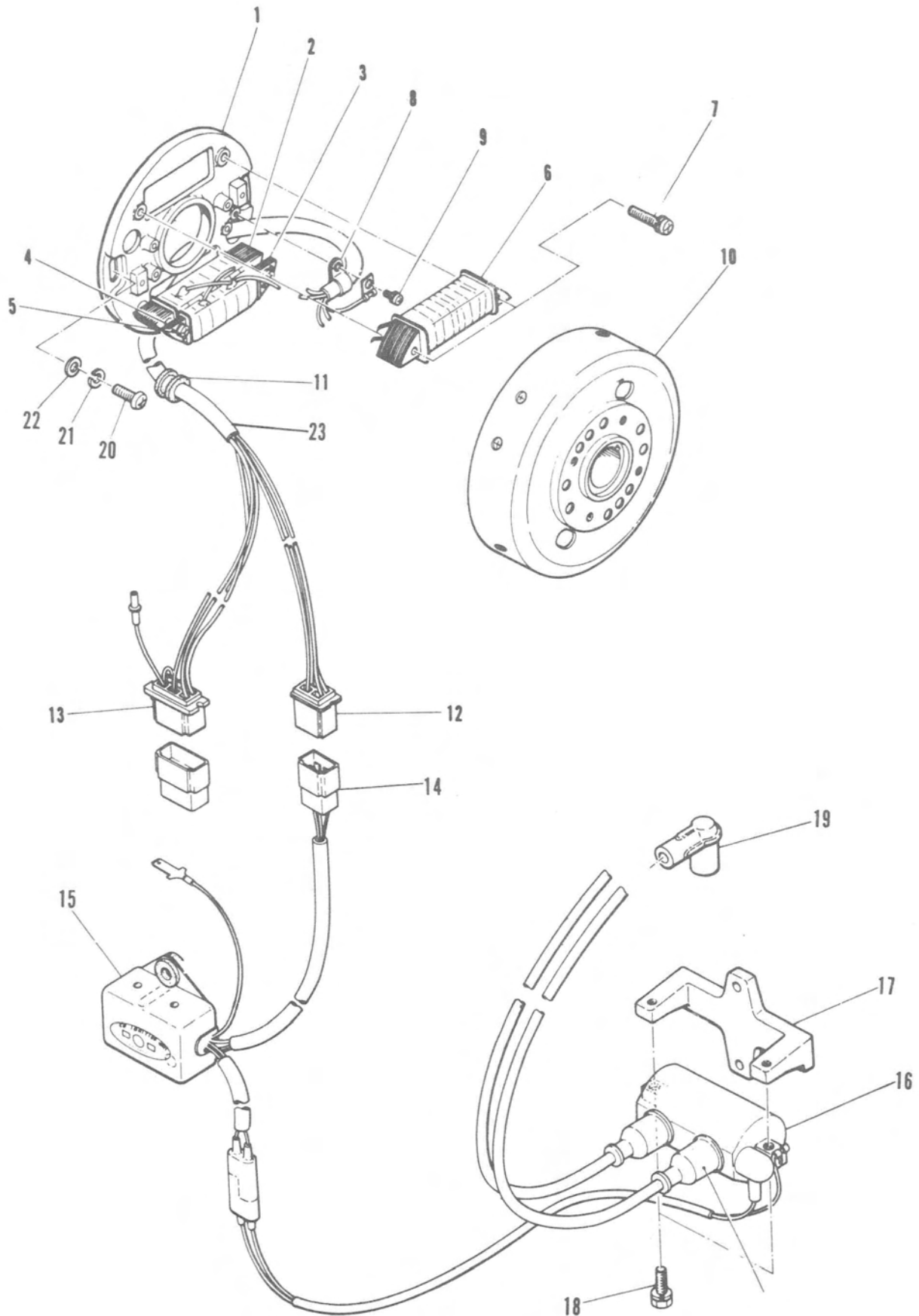
FUEL PUMP – TXL INDY



MAGNETO – TXL INDY

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
1	3083049	Plate Asm.	1
2	3082866	Exciter Coil	1
3	3082867	Pulser Coil	1
4	3082868	Collar	2
5	3082137	Screw & Washer Asm.	2
6	3082871	Lighting Coil	1
7	3082484	Screw & Washer Asm.	2
8	3081296	Clamp	1
9	3082366	Screw & Washer Asm.	1
10	3082853	Flywheel	1
11	3081511	Grommet	1
12	3081952	4P Male Coupler	1
13	3081513	6P Male Coupler	1
14	3081306	4P Female Coupler	1
15	3082851	CDI System Compl.	1
16	3081954	Ignition Coil Compl.	1
17	3082144	Bracket	1
18	3082145	Bolt & Washer Asm.	2
19	4020129	Spark Plug Cap	2
20	3082268	Screw	2
21	3081181	Lock Washer	2
22	3080078	Washer	2
23	N/A	Wire Harness	

MAGNETO - TXL INDY



RECOIL STARTER – TXL INDY

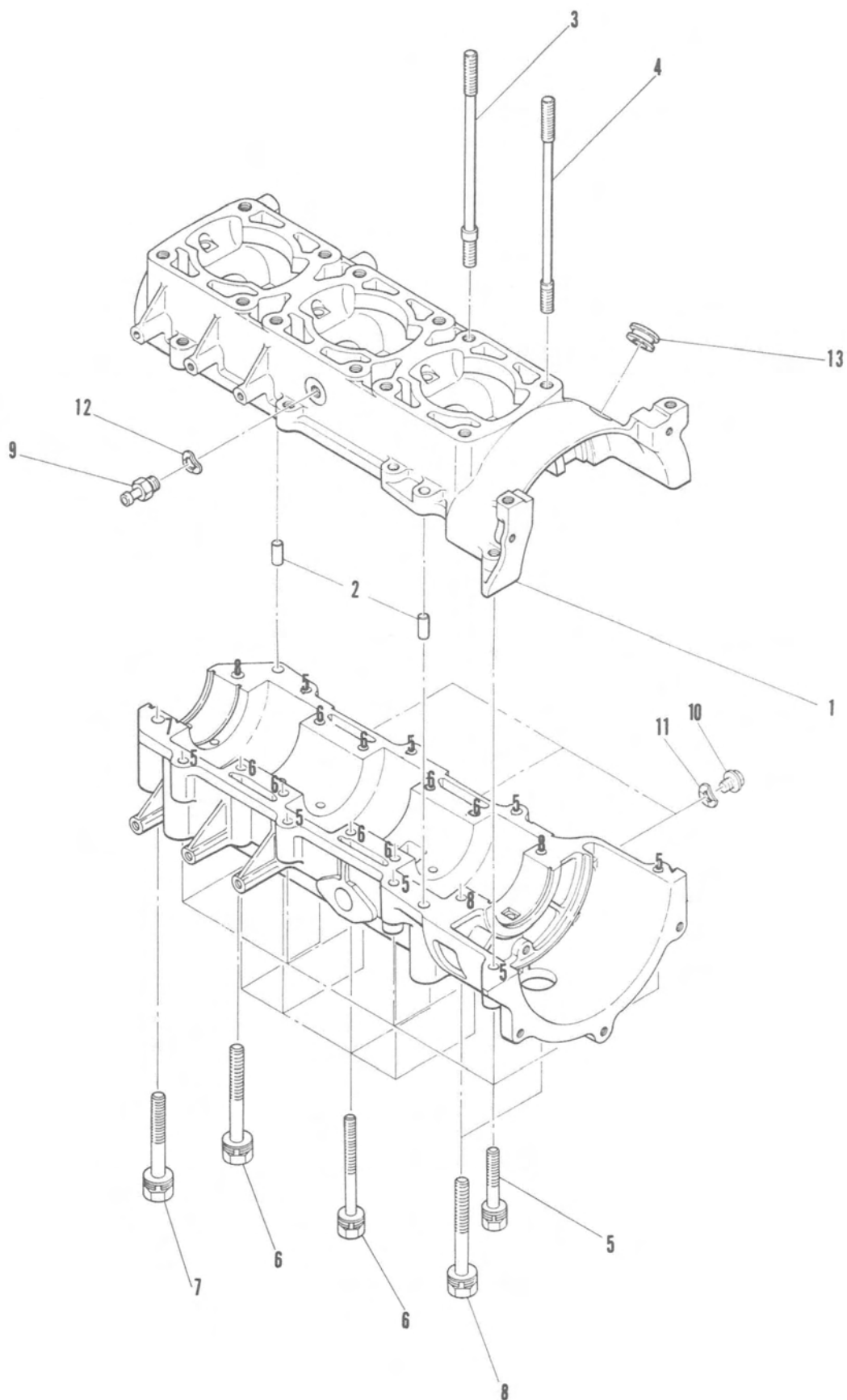
ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 340
1	3082982	Recoil Starter Compl.	1
2	3082415	Power Spring	1
3	3082488	Reel Compl.	1
4	3082318	Ratchet	3
5	3082489	Slide Plate (B)	1
6	3082319	Return Spring (B)	3
7	3082490	Slide Plate	1
8	3082492	Washer (A)	1
9	3081238	Friction Spring	1
10	3082118	Return Spring	1
11	3082605	Friction Plate	1
12	3081240	Washer (B)	1
13	3081087	Spring Washer	1
14	3081086	Nut	1
15	3082416	Starter Rope	1
16	3080109	Bolt	4
17	3082768	Starting Pulley	1
18	3081281	Bolt	5
19	3080077	Spring Washer	9



CRANKCASE – INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	3082920	Crankcase Asm.	1
2	3083054	Dowel Pin	2
3	3082921	Stud	6
4	3082922	Stud	6
5	3083062	Bolt & Washer Asm.	8
6	3082923	Bolt & Washer Asm.	8
7	3082925	Bolt & Washer Asm.	1
8	3082924	Bolt & Washer Asm.	3
9	3080641	Union	1
10	3083044	Plug	3
11	3083027	Wave Washer	3
12	3081634	Wave Washer	1
13	3082862	Grommet	1

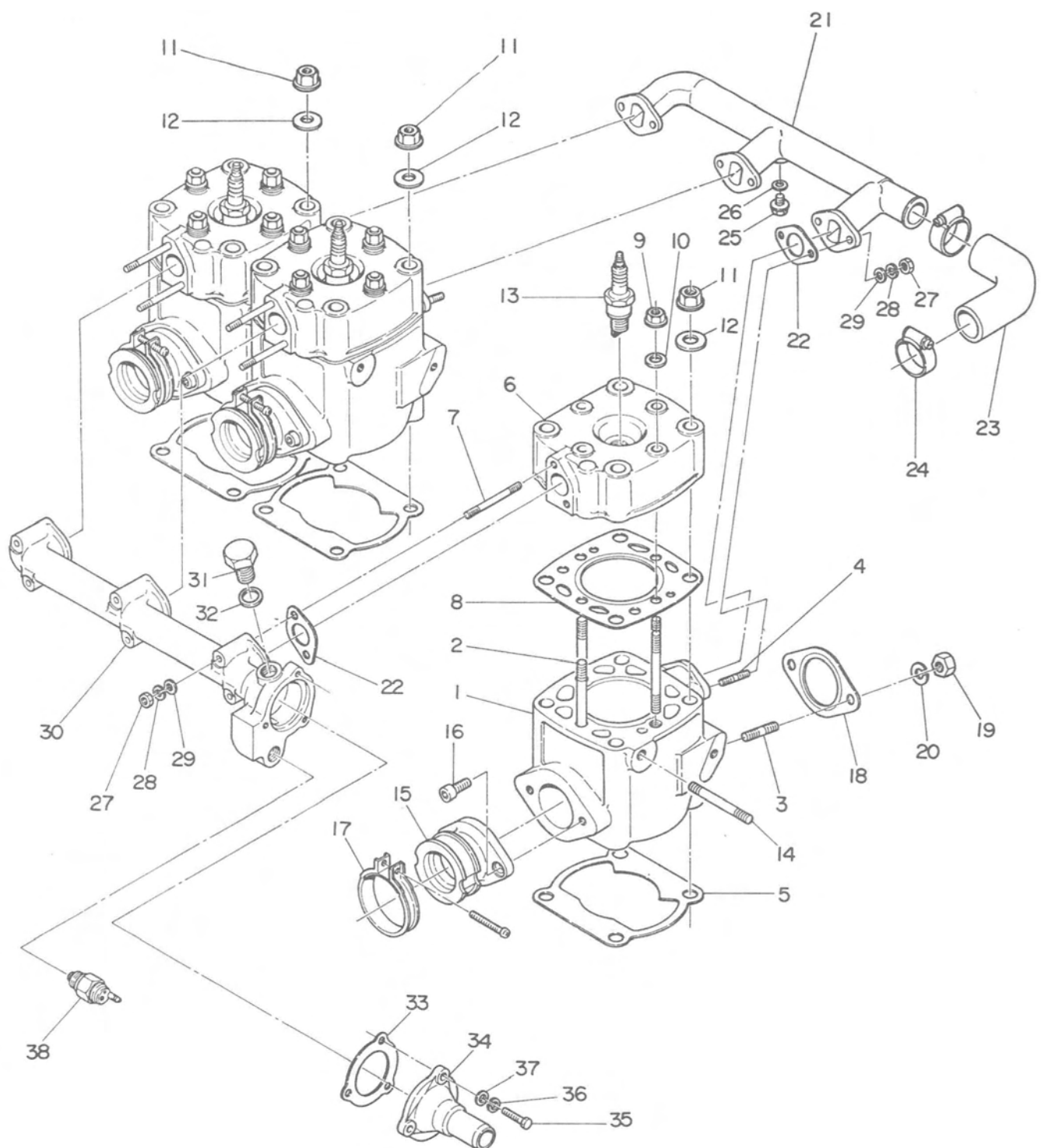
CRANKCASE — INDY 500



CYLINDER & MANIFOLD — INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	3082929	Cylinder 2 (Incl. 1 - 4)	3
2	3082930	Stud	12
3	3080016	Stud	6
4	3082931	Stud	6
5	3082932	Gasket (Cylinder)	3
6	3082933	Cylinder Head (Incl. 6, 7)	3
7	3082934	Stud	6
8	3082935	Gasket Compl. (Head)	3
9	3082910	Flange Nut (Head)	12
10	3082505	Washer	12
11	3082911	Flange Nut (Cylinder)	12
12	3082507	Washer	12
13	3070163	Spark Plug	3
14	3083074	Stud	1
15	3082439	Adapter	3
16	3081330	Bolt (Socket Head)	6
17	3082011	Band Asm. (Adapter)	3
18	3082510	Gasket (Exhaust)	3
19	3080285	Nut	6
20	3080530	Spring Washer	6
21	3082936	Inlet Water Manifold	1
22	3082937	Gasket (Manifold)	6
23	3082938	Main Hose	1
24	3082979	Hose Clamp	2
25	3082718	Plug	1
26	3082719	Gasket (Aluminum)	1
27	3082939	Nut	12
28	3080077	Spring Washer	12
29	3080078	Washer	12
30	3082940	Outlet Water Manifold	1
31	3082716	Plug	1
32	3082717	Gasket	1
33	3082944	Gasket (Thermostat)	1
34	3082945	Thermostat Case Cover	1
35	3082946	Bolt	3
36	3080077	Spring Washer	3
37	3080078	Washer	3
38	3083055	Thermo Switch	1

CYLINDER & MANIFOLD – INDY 500



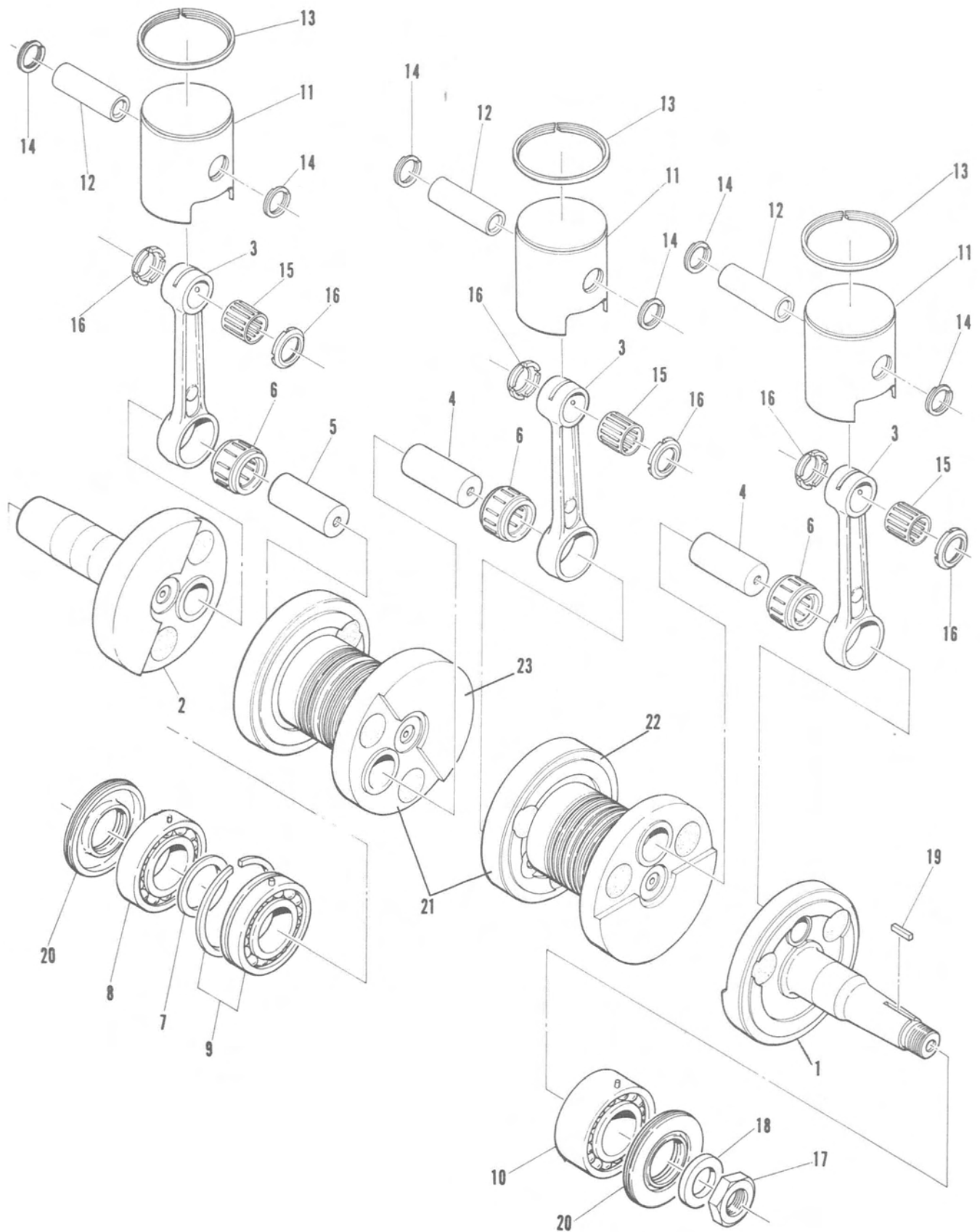
CRANKSHAFT & PISTON — INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	3083063	Crankshaft Asm. (Incl. 1 - 9)	1
2	3083001	Crankshaft 3 Compl.	1
3	3082789	Connecting Rod	3
4	3082793	Crank Pin 1	2
5	3083003	Crank Pin 2	1
6	3082902	Large End Bearing	3
7	3080447	Spacer	1
8	3082734	Ball Bearing	1
9	3082735	Ball Bearing	1
10	3083002	Ball Bearing	1
11	3082738	Piston Compl.	3
12	3080126	Piston Pin	3
13	3082497	Piston Ring	3
14	3081714	Clip (Piston Pin)	6
15	3081648	Small End Bearing	3
16	3082737	Spacer (Piston Pin)	6
17	3082739	Nut	1
18	3082805	Washer	1
19	3081447	Key	1
20	3082709	Oil Seal	2
21	3083067	Crankshaft (Center) (Incl. 22, 23, 3, 4, 5, 6)	1
22	3083068	Crankshaft (Mag Side)	1
23	3083069	Crankshaft (PTO Side)	1

OVERSIZE PISTONS & RINGS

11	3082705	Piston .020	3
	3082849	Piston .010	3
13	3082706	Ring .020	3
	3082559	Ring .010	3

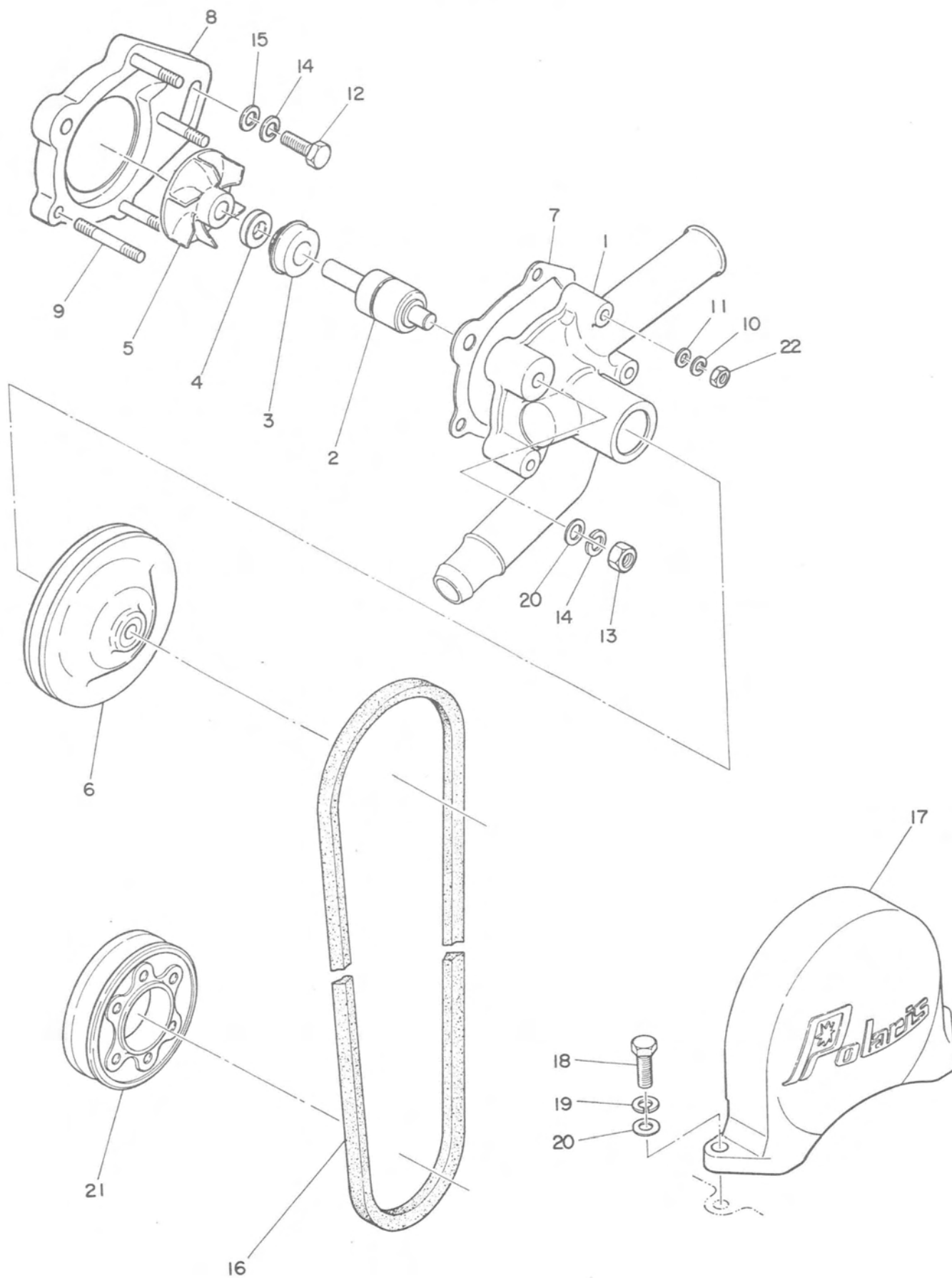
CRANKSHAFT & PISTON – INDY 500



WATER PUMP — INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	3082948	Water Pump Asm. (Incl. 1 - 11, 20, 22)	1
2-6		Available in Water Pump Asm Only	
7	3082950	Gasket (Water Pump)	1
8	3083070	Pump Casing 2.	1
9	3083071	Stud	4
10	3080077	Spring Washer	4
11	3080078	Washer	4
12	3082901	Bolt	1
13	3083072	Nut	1
14	3080530	Spring Washer	2
15	3082505	Washer	1
16	3082747	Belt	1
17	3082953	Water Pump Cover	
18	3080589	Bolt	2
19	3080530	Spring Washer	2
20	3080142	Washer	3
21	3082954	Pulley (Drive)	1
22	3083073	Nut	4

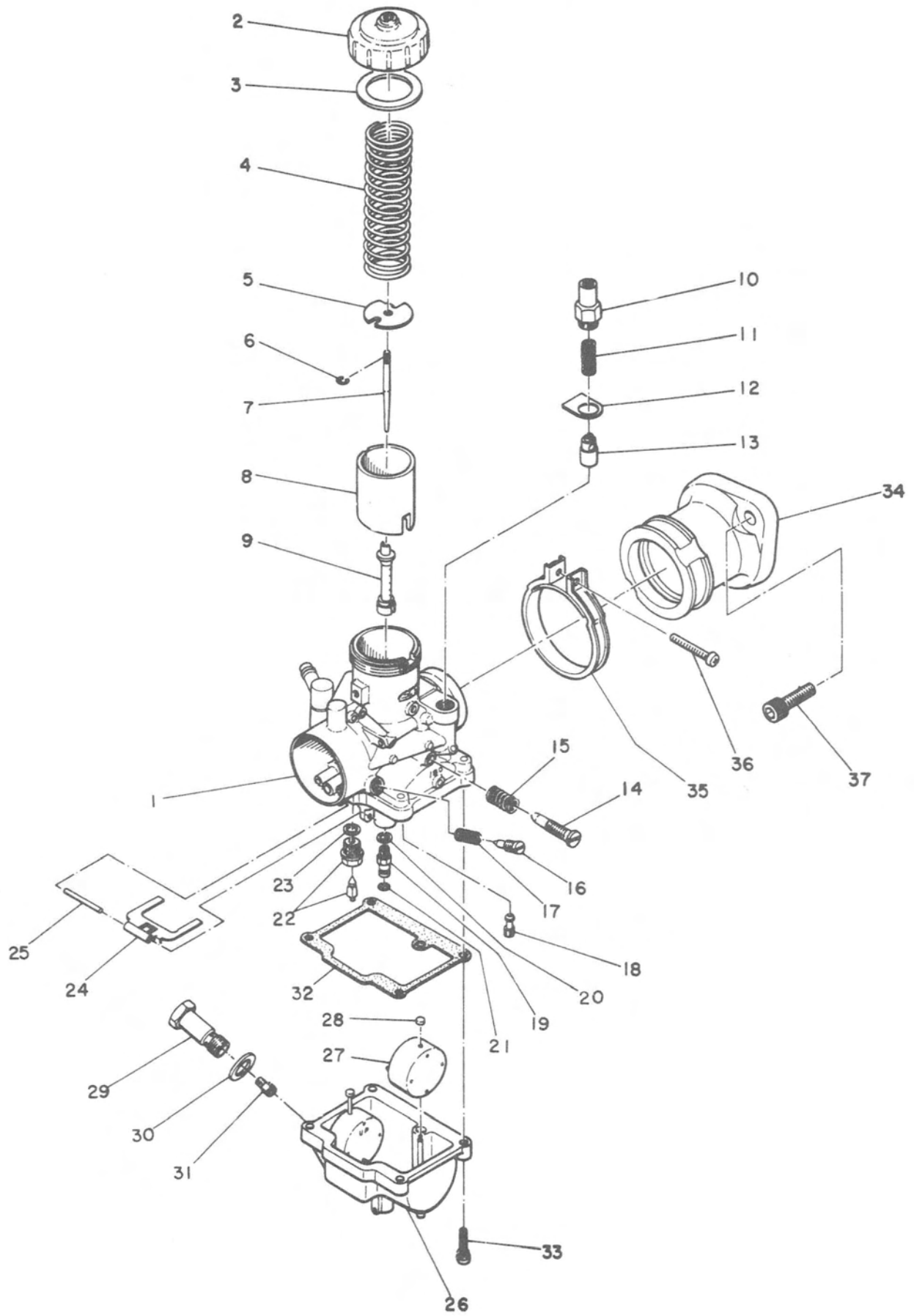
WATER PUMP — INDY 500



CARBURETOR — INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	3130291	Carburetor (Incl. 1 - 33)	3
2	3130184	Cap (Incl. 2 & 3)	1
3	N/A	Gasket	1
4	3130026	Spring	1
5	3130027	Plate	1
6	3130003	E Ring	1
7	3130158	Jet Needle	1
8	3130292	Throttle Valve 3.0	1
9	3130166	Needle Jet Q2 (166)	1
10	3130199	Plunger Cap	1
11	3130006	Plunger Spring	1
12	3130052	Washer	1
13	3130008	Starter Plunger	1
14	3130009	Throttle Stop Screw	1
15	3130010	Spring — Adjuster	1
16	3130011	Air Screw	1
17	3130012	Spring	1
18	3130066	No. 35 Pilot Jet	1
19	3130030	Needle Jet Setter	1
20	3130014	Washer	1
21	3130015	O Ring	1
22	3130016	Needle & Seat	1
23	3130017	Packing	1
24	3130018	Float Arm	1
25	3130019	Float Pin	1
26	N/A	Float Chamber	1
27	3130032	Float Asm.	2
28	3130022	Cap	2
29	3130023	Banjo Bolt	1
30	3130024	Washer	1
31	3130125	Main Jet (No. 220)	1
32	3130020	Float Chamber Packing	1
33	3130025	Screw	4
34	3082439	Adapter	1
35	3082011	Band	1
36	3081497	Screw	1
37	3081330	Bolt	2

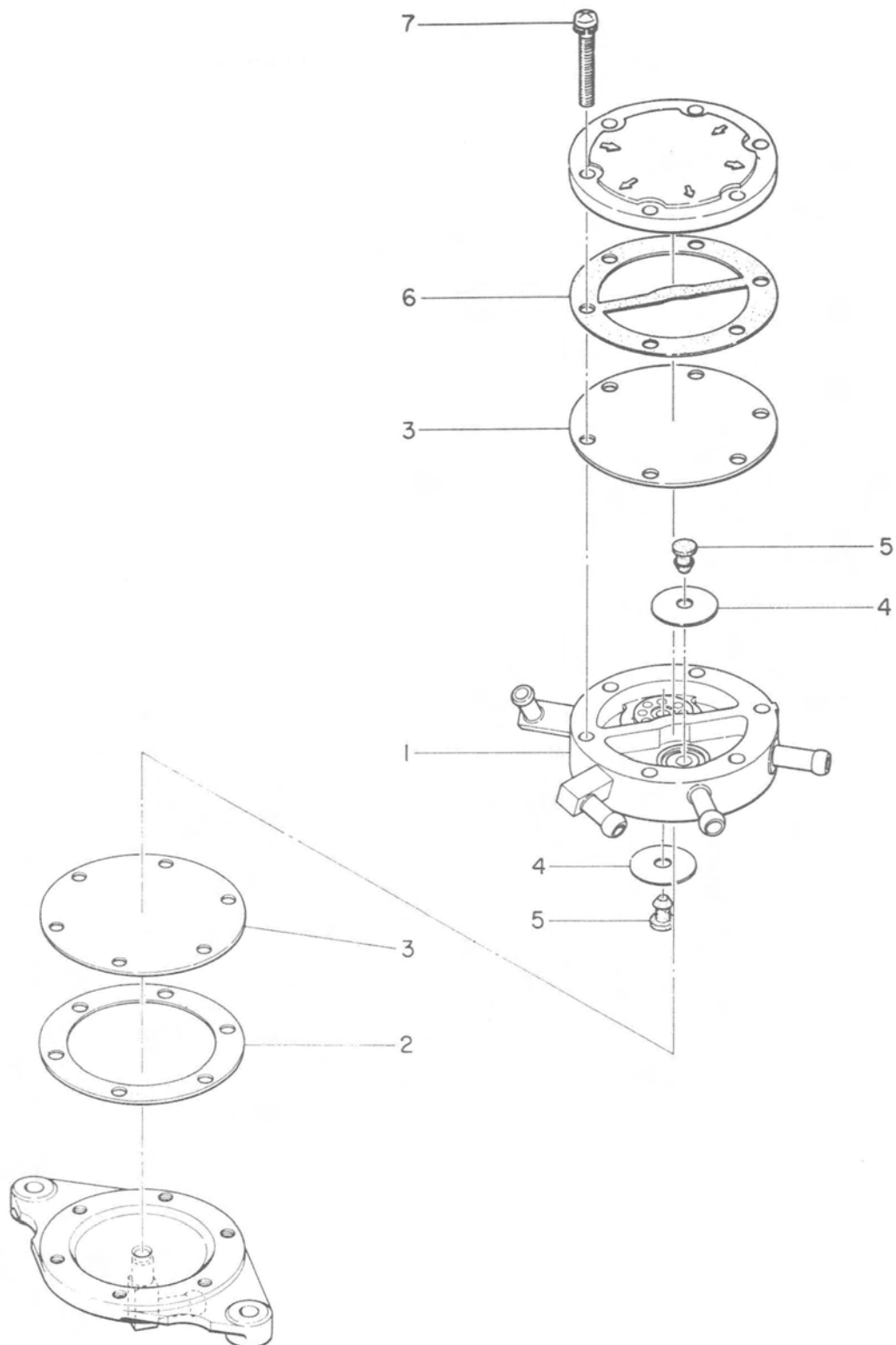
CARBURETOR — INDY 500



FUEL PUMP — INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	3082957	Fuel Pump Asm.	1
2	3081380	Packing (Bottom)	1
3	3080844	Diaphragm	2
4	3081989	Valve	2
5	3081529	Grommet	2
6	3081384	Packing (Top)	1
7	3081286	Screw & Washer Asm.	6

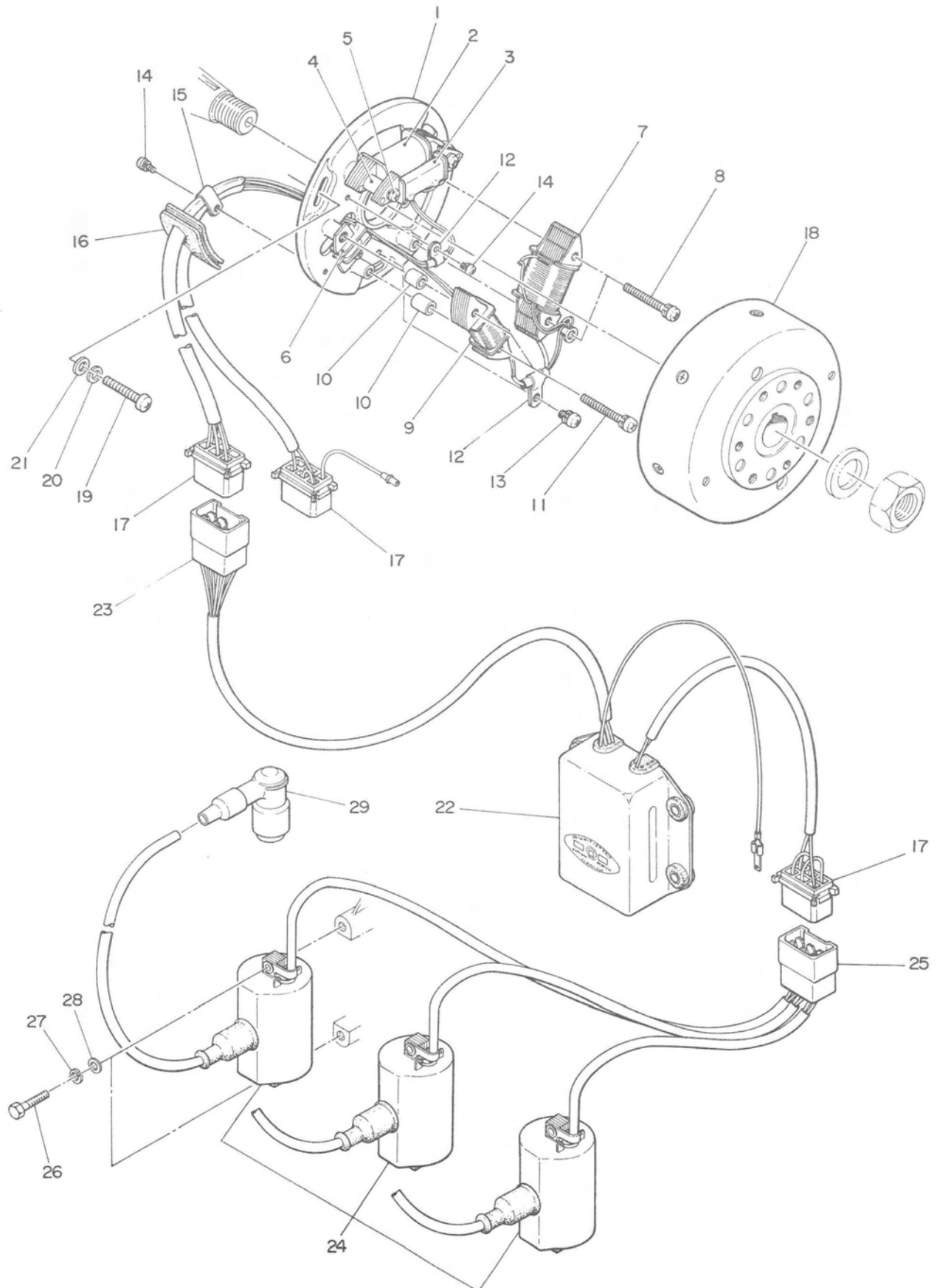
FUEL PUMP — INDY 500



MAGNETO — INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	3082958	Plate Asm.	1
2	3082959	Exciting Coil	1
3	3082960	Pulsating Coil	1
4	3082961	Collar	2
5	3082962	Screw & Washer Asm.	2
6	3082963	Control Coil	1
7	3082964	Lighting Coil	1
8	3082365	Screw & Washer Asm.	2
9	3082965	Lighting Coil	1
10	3082966	Collar	1
11	3082967	Screw & Washer Asm.	2
12	3082968	Clamp	2
13	3081464	Screw & Washer Asm.	1
14	3081260	Screw & Washer Asm.	2
15	3081146	Clamp	1
16	3082969	Grommet	1
17	3081513	6P Male Coupler	3
18	3082970	Flywheel	1
19	3082971	Screw	3
20	3080077	Spring Washer	3
21	3080078	Washer	3
22	3082972	CDI System Compl.	1
23	3082973	6P Female Coupler	1
24	3082974	Ignition Coil Compl.	1
25	3082975	6P Female Coupler	1
26	3082976	Screw	6
27	3080672	Spring Washer	6
28	3080027	Washer	6
29	4060129	Spark Plug Cap	3

MAGNETO - INDY 500



RECOIL STARTER — INDY 500

ITEM NO.	PART NO.	PART DESCRIPTION	QTY. 500
1	3082977	Recoil Starter	1
2	3082415	Power Spring	1
3	3082488	Reel	1
4	3082318	Ratchet	3
5	3082604	Slide Plate (B)	1
6	3082319	Return Spring (B)	3
7	3082490	Slide Plate	1
8	3082492	Washer (A)	1
9	3081238	Friction Spring	1
10	3082118	Return Spring (A)	1
11	3082605	Friction Plate	1
12	3082694	Washer (B)	1
13	3081087	Spring Washer	1
14	3081086	Nut	1
15	3082835	Starter Rope	1
16	3082978	Starting Pulley	1
17	3081231	Bolt	5
18	3080077	Spring Washer	11
19	3081287	Bolt	6
20	3080078	Washer	6

RECOIL STARTER — INDY 500

