

1976

Parts Manual

IX - starfire

Polaris®

TX MODEL NUMBERS

0760537

0760537

0760545

STARFIRE MODEL NUMBERS

0760623

0760637

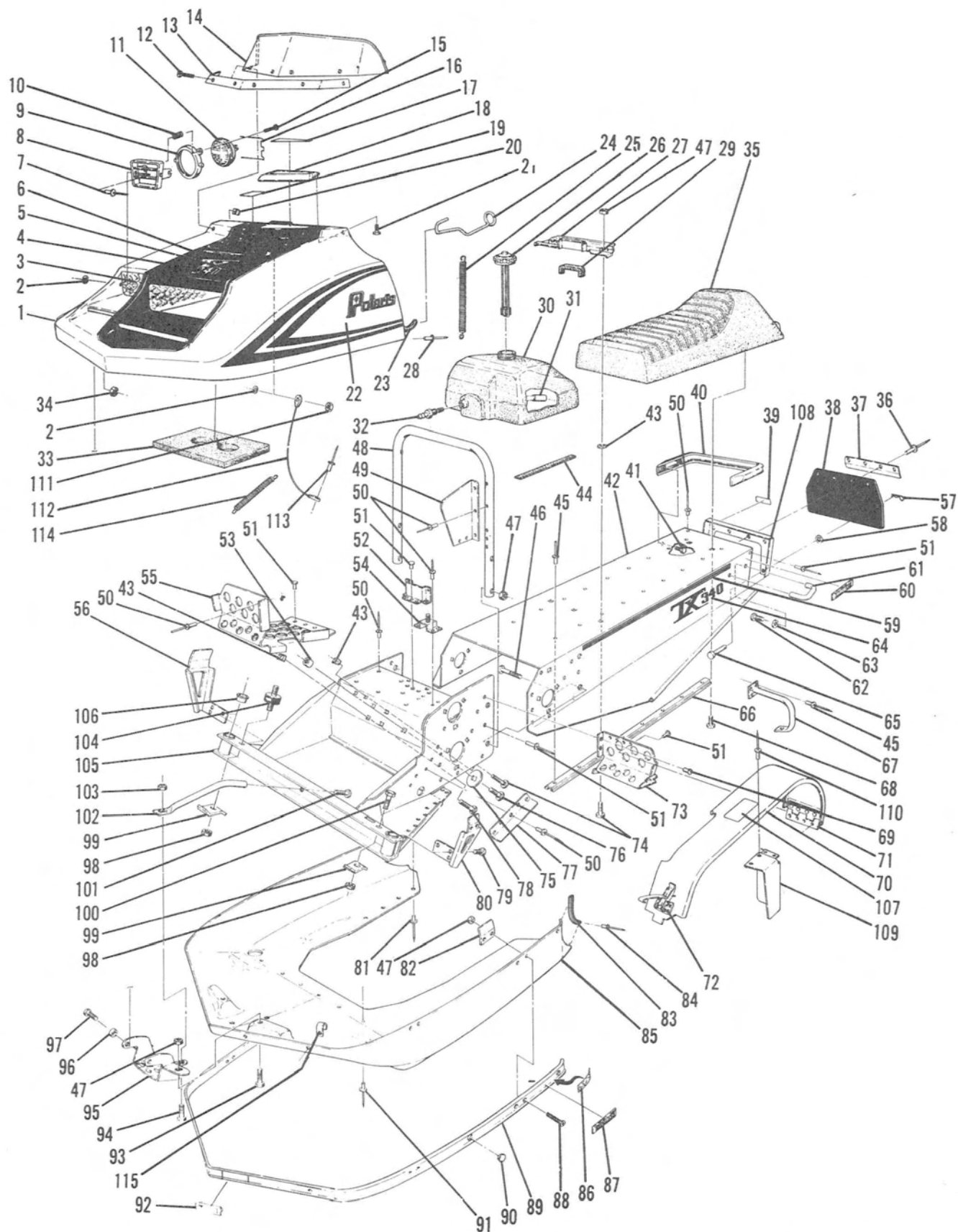
CONTENTS

BODY & TRIM	2 - 3
CONSOLE	4 - 5
SEAT ASSEMBLY	6 - 7
STEERING ASSEMBLY	8 - 11
CHAINCASE ASSEMBLY	12 - 13
DRIVE CLUTCH	14
DRIVEN CLUTCH	15
DRIVE SHAFT	16
TRACK ASSEMBLY	17 - 18
MAIN WIRE HARNESS	19
SUSPENSION	20 - 21
ENGINE MOUNTING	22 - 27
CRANKCASE & CYLINDER	28 - 33
CRANKSHAFT & PISTON	34 - 37
RECOIL STARTER	38 - 39
MAGNETO	40 - 41
CARBURETOR	42 - 47
FUEL PUMP	48 - 49

BODY AND TRIM

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	2631143	Hood Asm. - 250 - 340 Starfire	55	5223767	Foot Rest R. H.
	2631136	Hood Asm. - 250 - 340 TX	56	5221930	Bracket R. H.
	2631137	Hood Asm. - 440	57	7080153	Clip - Starfire
2	7558205	Washer	58	7670029	Push Nut - Starfire
3	5810068	Hood Foam - Side	59	7071328	Tunnel Stripe
4	7071376	Deck Decal - 440	60	2670050	Red Reflector - TX
	7071377	Deck Decal - 340		2670070	Red Reflector - Starfire
	7071378	Deck Decal - 250	61	5223788	Rear Handle - Starfire
	7071395	Deck Decal - 250 Starfire	62	7512399	Screw
	7071396	Deck Decal - 340 Starfire	63	7555815	Washer
5	7071375	Decal - Stripe L. H.	64	7071385	Decal - 250 TX
6	7071374	Decal - Stripe R. H.		7071386	Decal - 340 TX
7	7621315	Rivet		7071387	Decal - 440 TX
8	5430438	Grill		7071388	Decal - 250 Starfire
9	5430283	Headlight Ring		7071389	Decal - 340 Starfire
10	7041059	Spring	65	7662016	Clevis Pin - Starfire
11	4030025	Headlight	66	5510058	Wear Strip
12	7511839	Screw	67	1011351	Stirrup - Starfire
	7511954	Screw - 340 Starfire only	68	7512103	Bolt
13	5850034	Windshield Band	69	7621317	Rivet
14	5430441	Windshield	70	5223772	Clutch Guard
15	7511977	Screw	71	5210728	Hinge
16	5221662	Retainer	72	7010002	Latch
17	7071394	Decal	73	5223766	Foot Rest L. H.
18	5430439	Inlet Cover	74	7512193	Bolt
19	7071379	Decal	75	5210739	Washer
20	7670026	Speed Nut	76	7515405	Bolt
	7541901	Well Nut - 340 Starfire only	77	5223789	Guard - TX
21	7511840	Screw	78	7512394	Bolt
22	7071373	Side Decal L. H.	79	7512232	Screw
	7071372	Side Decal R. H.	80	5221929	Bracket L. H.
23	5510055	Quick Edge Trim	81	7621401	Rivet
24	5221948	Hood Latch L. H.	82	5223791	Hood Guide
	5221947	Hood Latch R. H.	83	5510062	Trim
25	7042009	Spring	84	7621322	Rivet
26	2511109	Gas Cap w/Gauge - TX	85	5440127	Nose Pan
	2511102	Gas Cap - Starfire	86	7071397	Decal
27	5221722	Gas Tank Strap	87	2670071	Amber Reflector
28	7621322	Pop Rivet	88	7512134	Bolt
29	5420126	Holddown Cushion	89	5223790	Extrusion
30	2511114	Gas Tank	90	7080181	Plug
31	5020246	Gas Line Weight	91	7621418	Rivet
32	7052023	Outlet Fitting	92	5430449	Grill
33	5810067	Hood Foam - Top	93	7512191	Bolt
34	7542118	Nut	94	7515302	Bolt
35	2681123	Seat Cushion - TX	95	1011355	Lower Hinge
	2681124	Seat Cushion - Starfire	96	5332403	Spacer
36	7621401	Rivet	97	7512224	Bolt
37	5223695	Backing - Snow Flap	98	7542427	Nut
38	5810058	Snow Flap	99	5221939	Steering Stop
39	7071301	Track Warning Decal	100	7512491	Bolt
40	2670063	Rear Bumper	101	7512497	Screw
41	7512208	Bolt	102	5332512	Brace
42	1011352	Tunnel (Incl. 108)	103	7542302	Nut
43	7670021	Push On Nut	104	3110014	Motor Mount
44	5810008	Gas Tank Pad	105	1011340	Bulkhead Weldment
45	7621425	Rivet	106	3573906	Bushing
46	7512121	Bolt	107	7071299	Decal
47	7542112	Nut	108	5223764	Tunnel Back Panel
48	5224177	Steering Support	109	5223798	Clutch Guard Reinforcement
49	5221933	Intake Guard	110	7621324	Rivet
50	7621429	Rivet	111	7541915	Nut
51	7621316	Rivet	112	7080179	Hood Retaining Cable
52	5221932	Gas Tank Bracket	113	7621402	Rivet
53	5020240	Threaded Bushing	114	7041064	Hood Retainer Spring
54	1253050	Intake Stand	115	7080180	'J' Clip

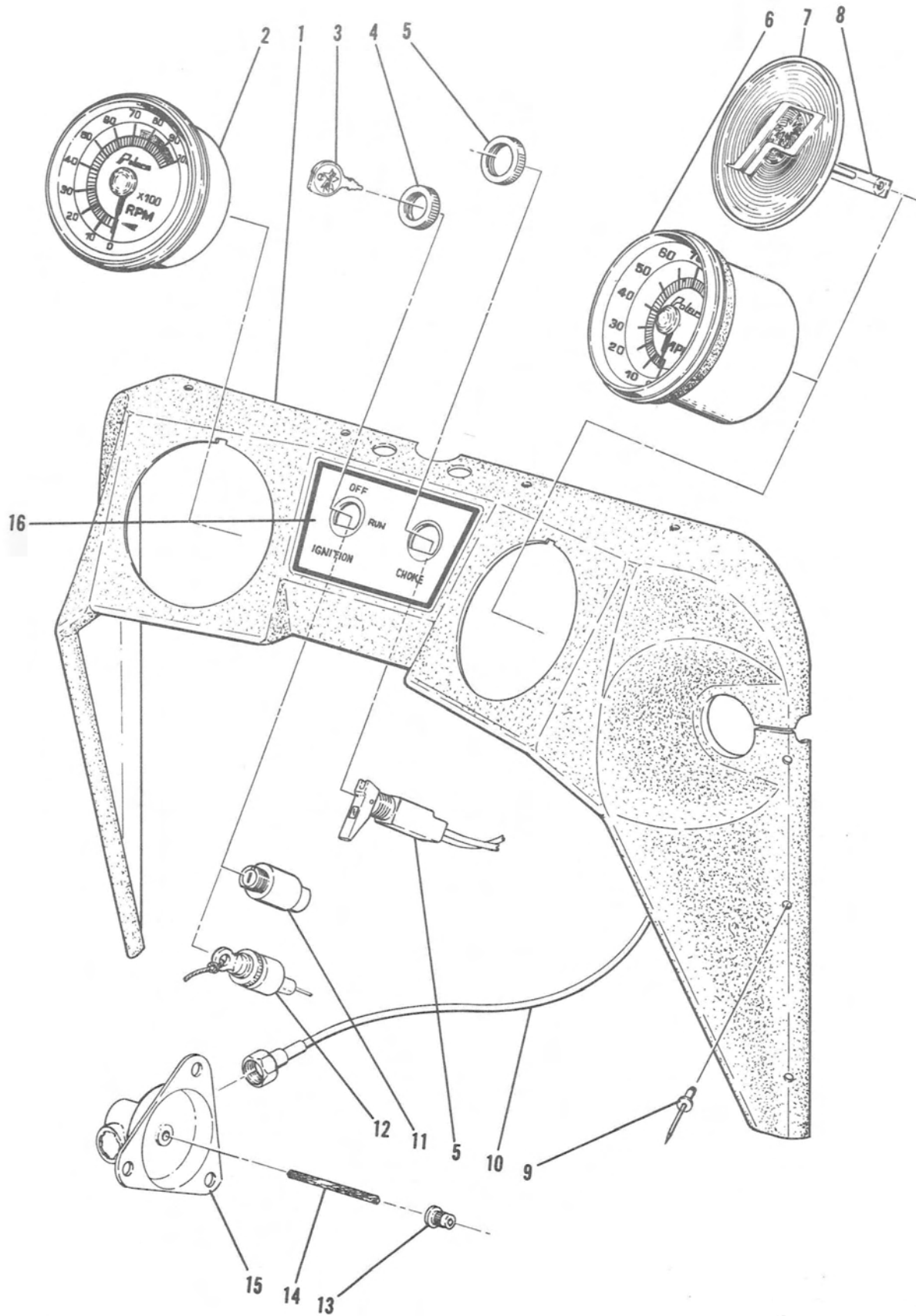
BODY AND TRIM



4

[illegible]

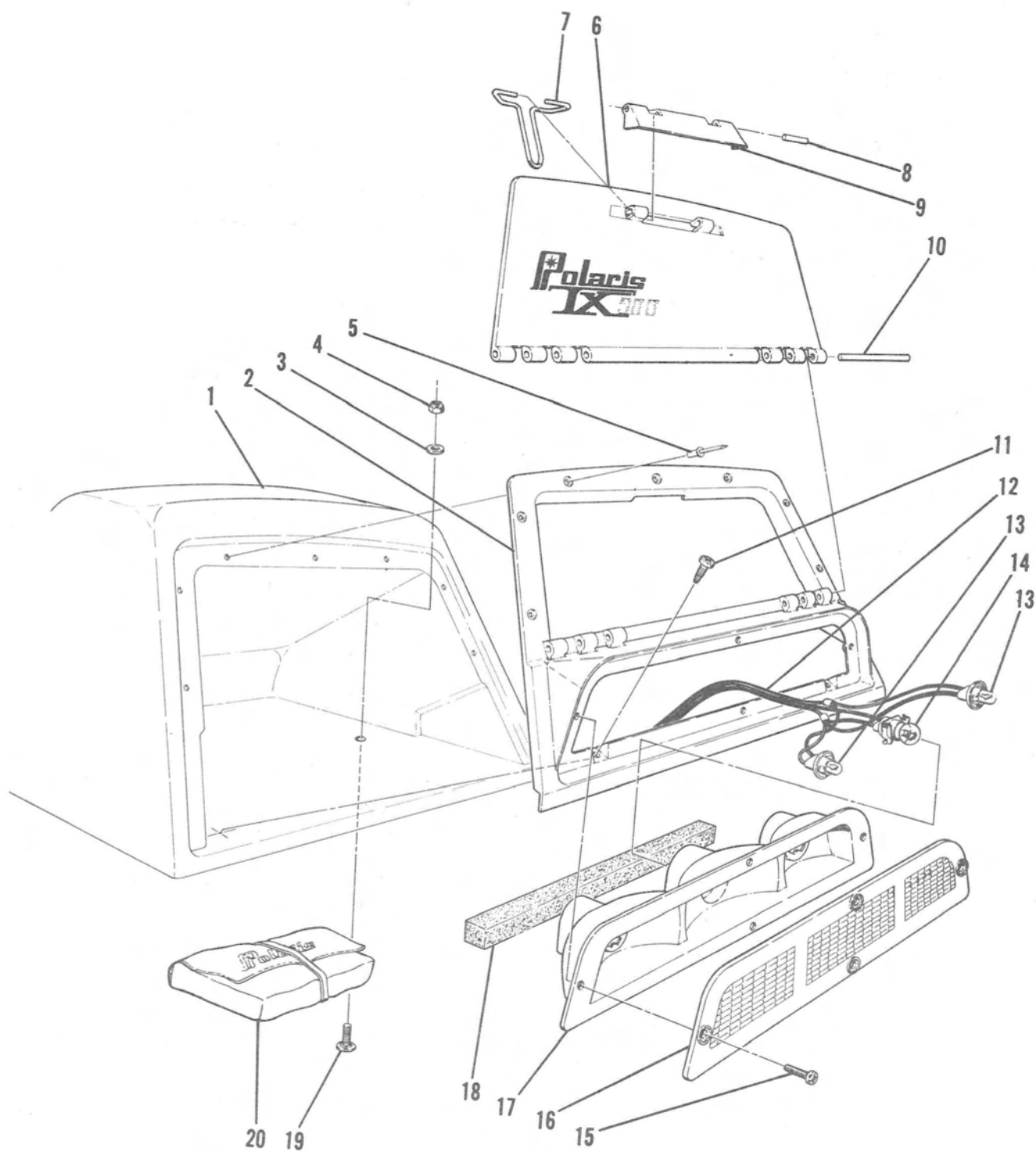
CONSOLE



SEAT ASSEMBLY

[illegible]

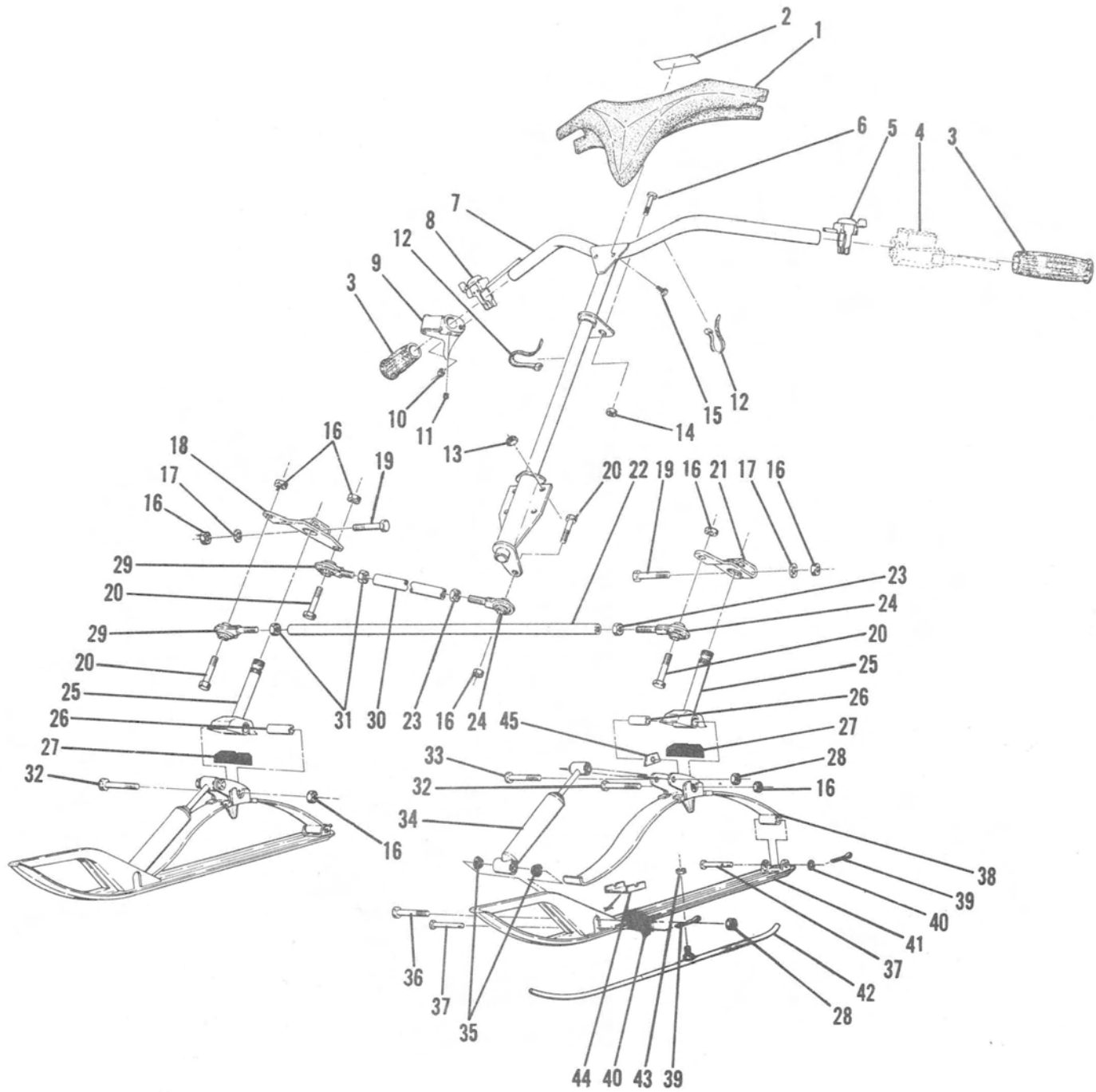
SEAT ASSEMBLY



STEERING ASSEMBLY – TX

[illegible]

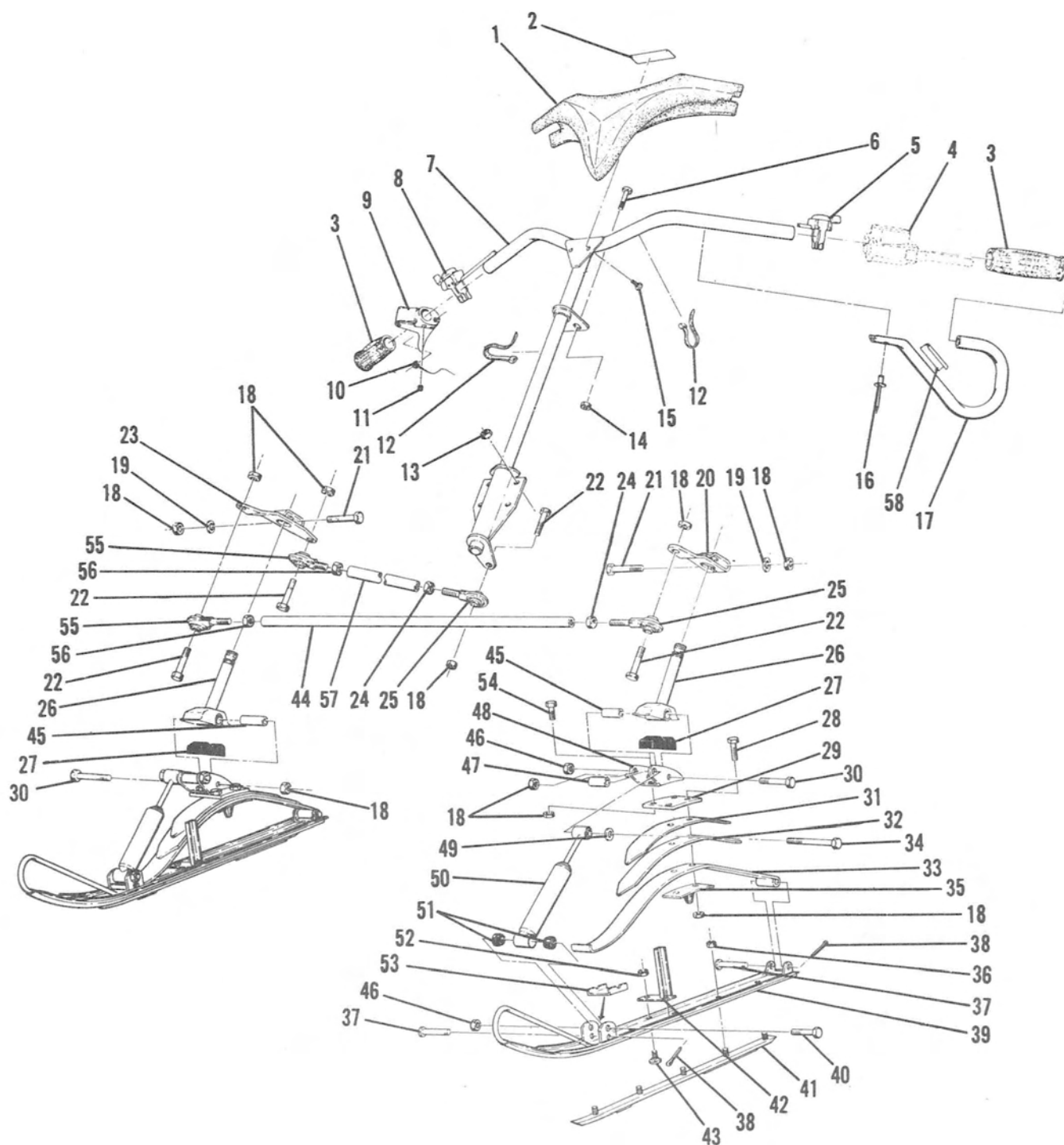
STEERING ASSEMBLY - TX



STEERING ASSEMBLY – STARFIRE

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	5410254	Pad	30	7515417	Bolt
2	7071393	Decal	31	7043003	Top Support Spring
3	5410205	Handlebar Grip	32	7043002	Center Support Spring
4		Master Cyl. (See page 12)	33	7043022	Main Spring
5	4110040	Dimmer Switch	34	7512507	Bolt
6	7512222	Bolt	35	1820142	Ski Spring Stop
7	1823101	Steering Post	36	7542409	Nut
8	4110039	Emergency Stop Switch	37	7662001	Clevis Pin
9	2010030	Throttle Control Assy.	38	7661407	Cotter Pin
10	7710502	Retaining Ring	39	1820201	Ski
11	7512308	Set Screw	40	7512522	Bolt
12	7080138	Panduit Strap	41	1820205	Skag
13	7542320	Nut	42	1820206	Ski Brace
14	7542112	Nut	43	7512394	Bolt
15	7522011	Screw	44	5332507	Drag Link
16	7621429	Rivet	45	5010059	Ski Pivot Bushing
17	5224189	Steering Handle	46	7542513	Nut
18	7542403	Nut	47	5332467	Spacer
19	7558403	Washer	48	5221941	Saddle
20	5221642	Steering Arm L. H.	49	7558504	Washer
21	7515433	Bolt	50	7041057	Shock Absorber
22	7512404	Bolt	51	5430264	Bottom Shock Bushing
23	1822024	Steering Arm R. H.	52	7542302	Nut
24	7542424	L. H. Nut	53	5430003	Wear Plate
25	7060114	Tie Rod End L. H.	54	7512405	Bolt
26	1821010	Spindle	55	7060113	Tie Rod End R. H.
27	5410055	Rubber Ski Stop	56	7542401	Nut
28	7515404	Bolt	57	5332499	Tie Rod
29	5221936	Ski Spreader	58	7071399	Decal - Hand Loop Warning

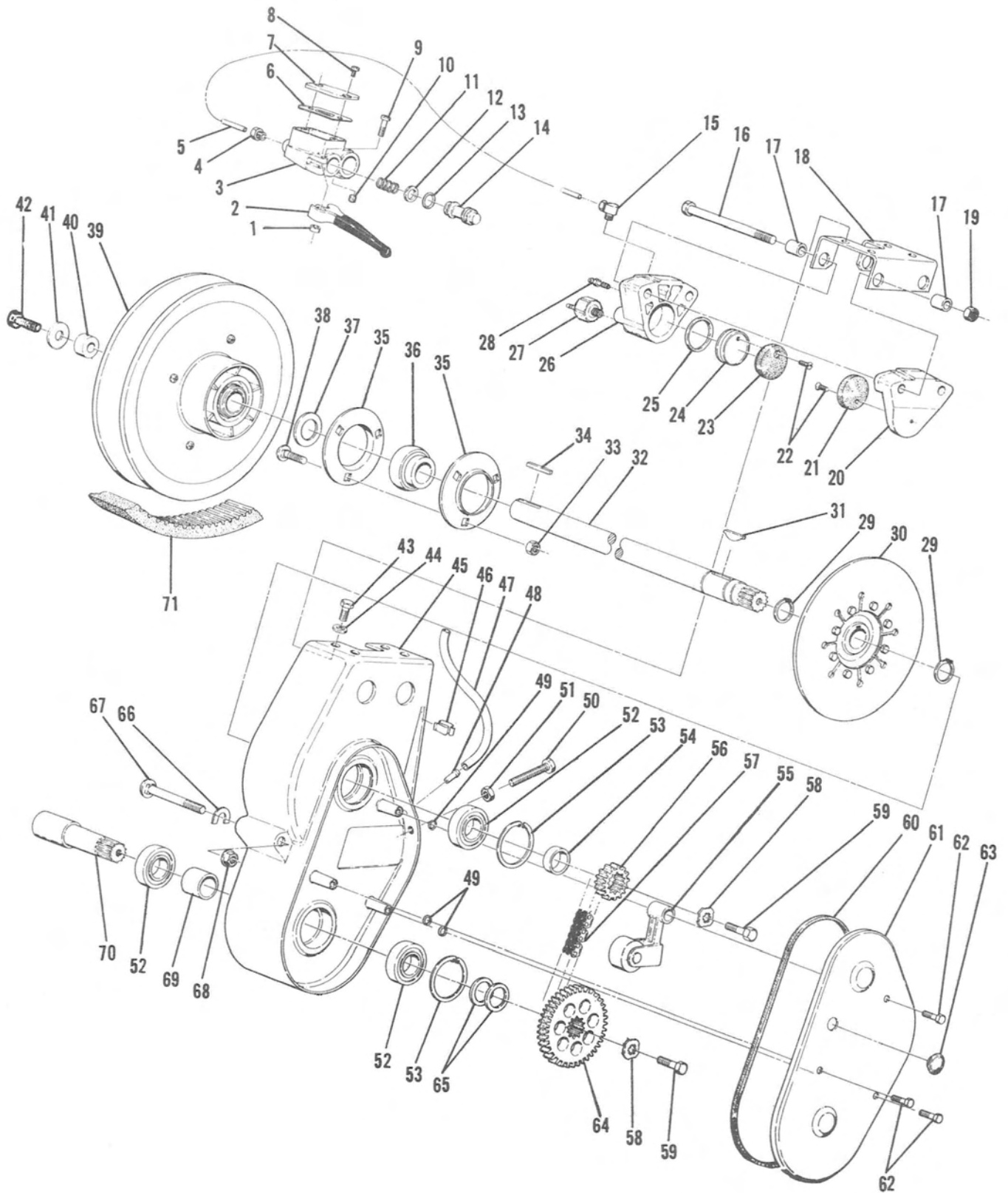
STEERING ASSEMBLY - STARFIRE



CHAINCASE ASSEMBLY

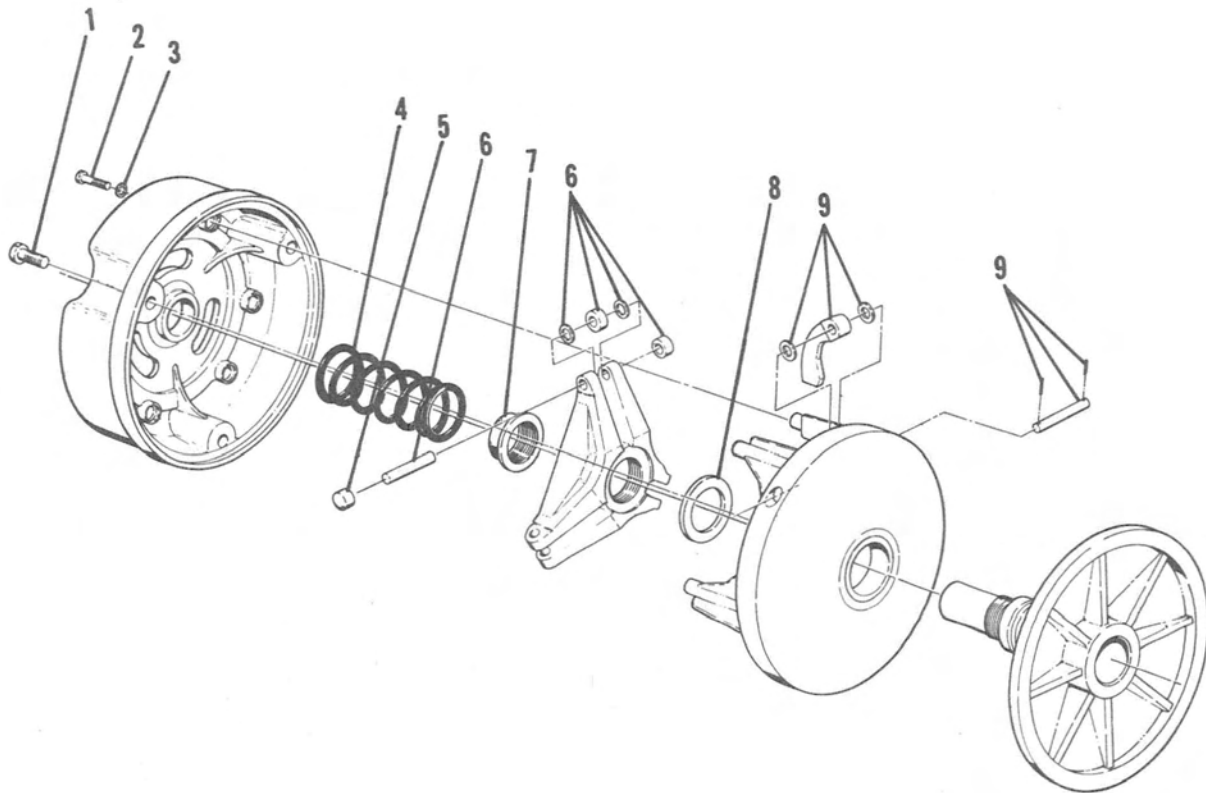
[illegible]

CHAINCASE ASSEMBLY

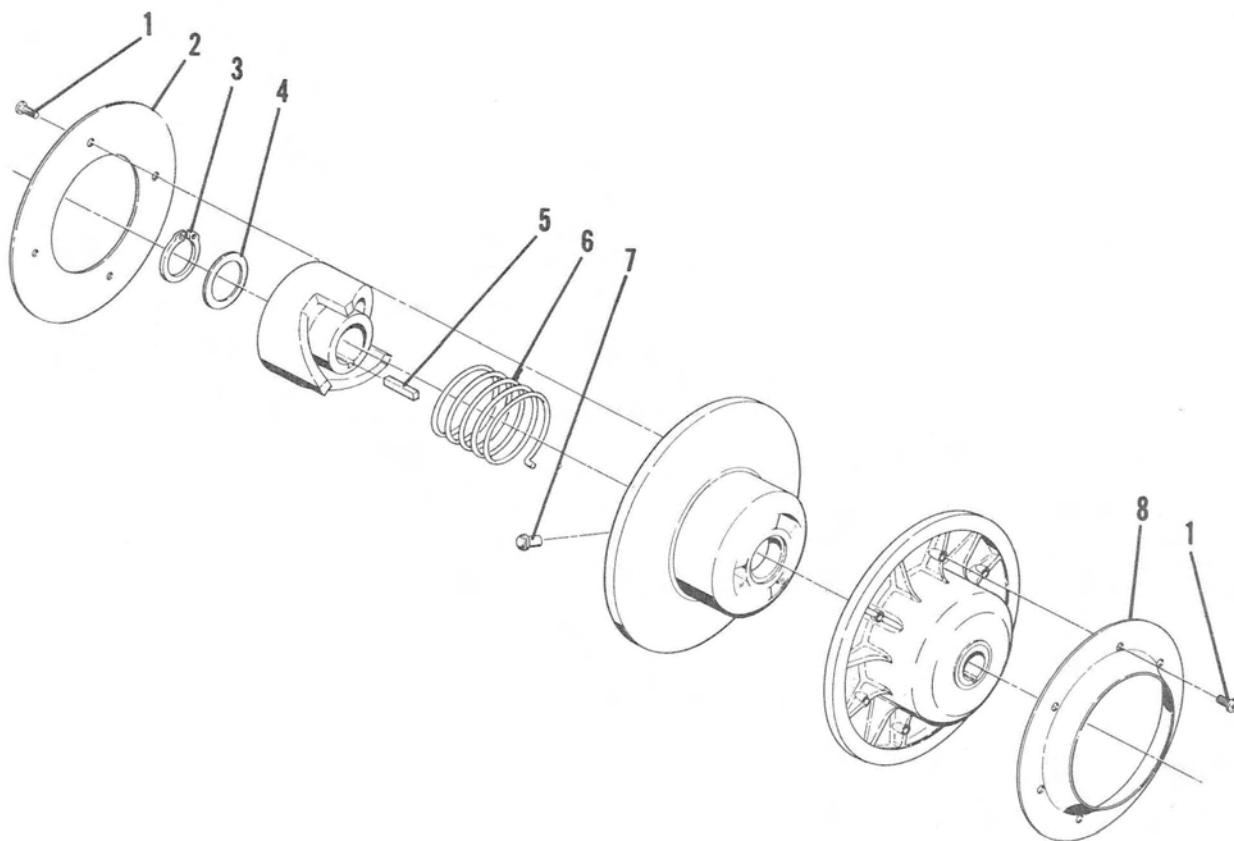


DRIVE CLUTCH

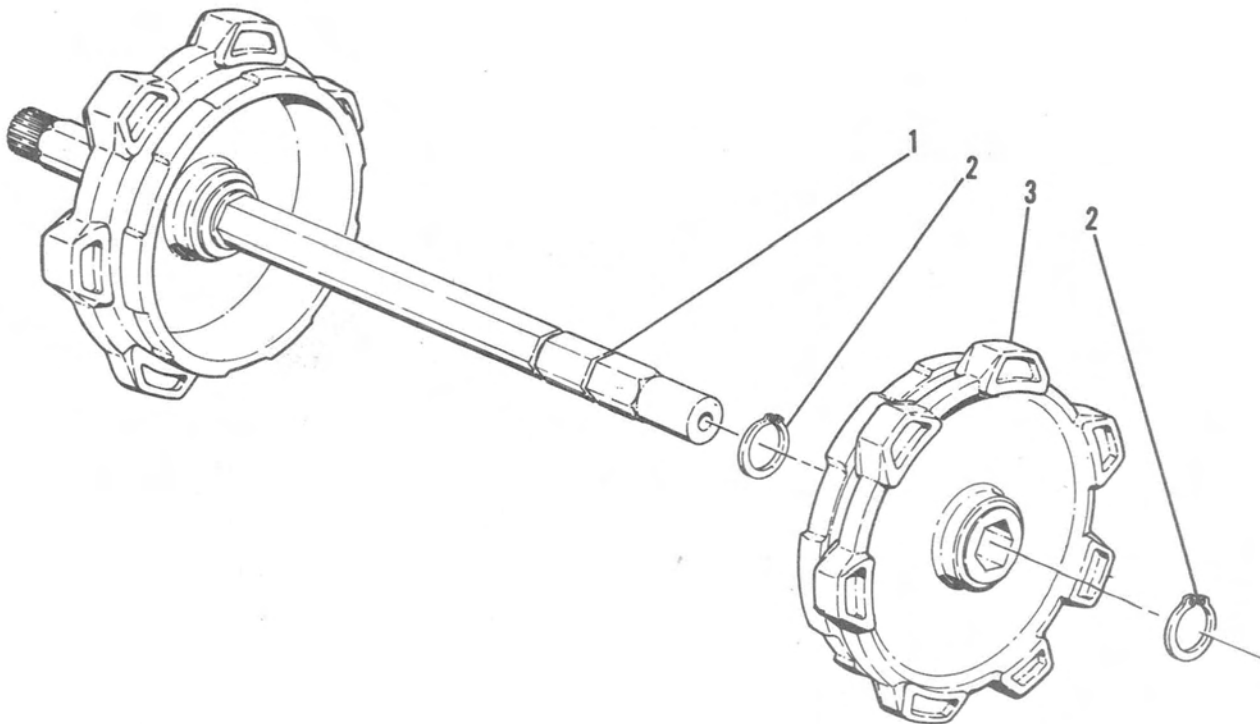
ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
	1321272	Drive Clutch Assembly - 250 TX	5	5430445	Guide Button
	1321273	Drive Clutch Assembly - 340 TX	6	2200136	Kit - Spider Pin (Incl. 5)
	1321274	Drive Clutch Assembly - 440 TX	7	5020304	Jam Nut
	1321275	Drive Clutch Assembly - 250 Starfire	8	5210758	Spacer - 250, 340, 440 TX
	1321276	Drive Clutch Assembly - 340 Starfire		5210752	Spacer - 250, 340 Starfire
1	7512182	Cover Screw		5210753	Spacer - 250, 340 Starfire
2	7511978	Screw		5210754	Spacer - 250, 340 Starfire
3	7571603	Lock Washer	9	2200137	Kit - Shift Weight "A" - 340, 440 TX
4	7041060	Clutch Spring (Orange) 250 TX		2200138	Kit - Shift Weight "G" - 250 TX
	7041061	Clutch Spring (Brown) 340 TX		2200139	Kit - Shift Weight "W" - 250 Starfire
	7041062	Clutch Spring (Silver) 250 Starfire		2200140	Kit - Shift Weight "Y" - 340 Starfire
	7041063	Clutch Spring - 440 TX			



DRIVEN CLUTCH

[illegible]

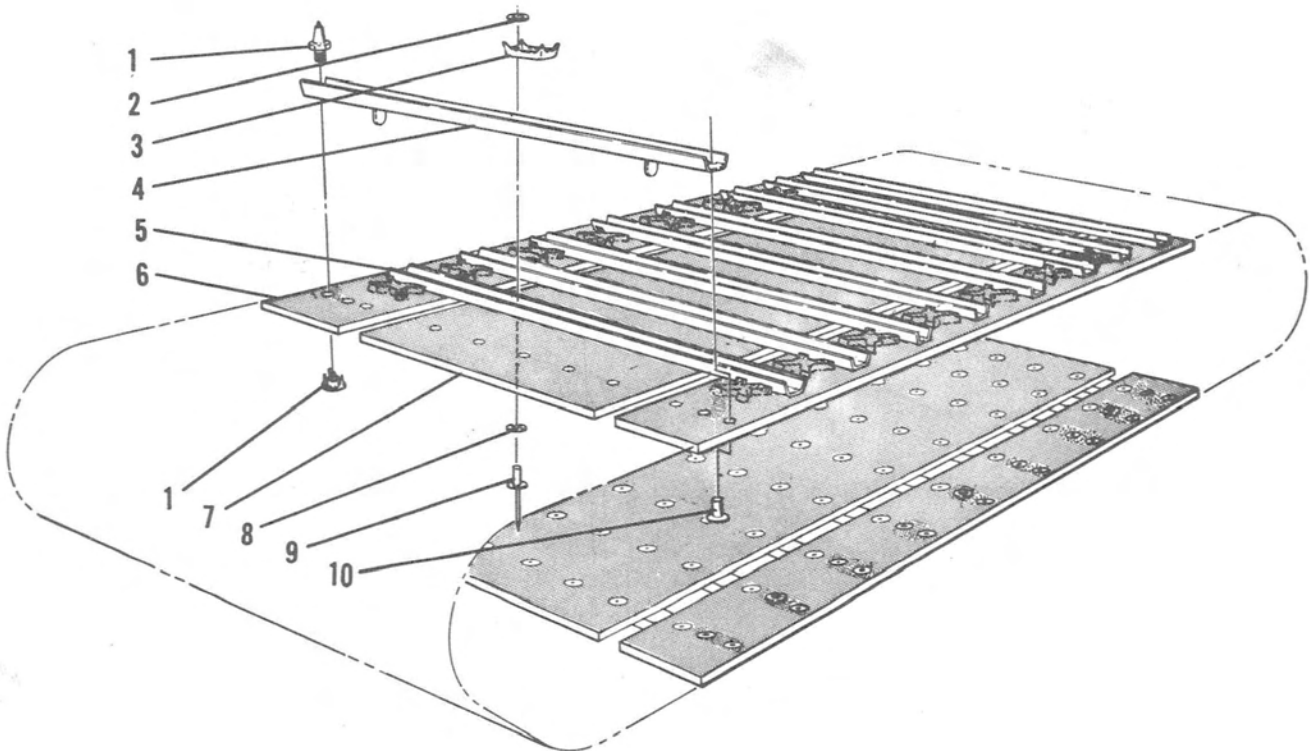
DRIVE SHAFT

[illegible]

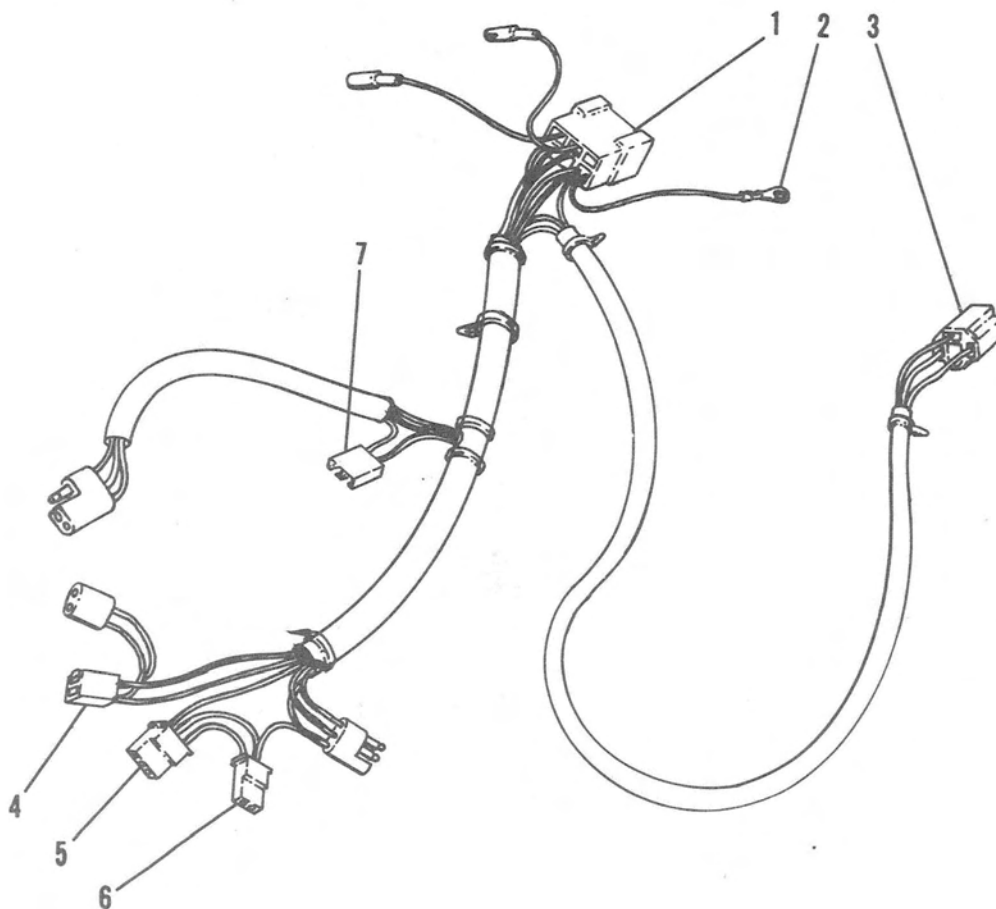
•



TRACK ASSEMBLY – STARFIRE

[illegible]

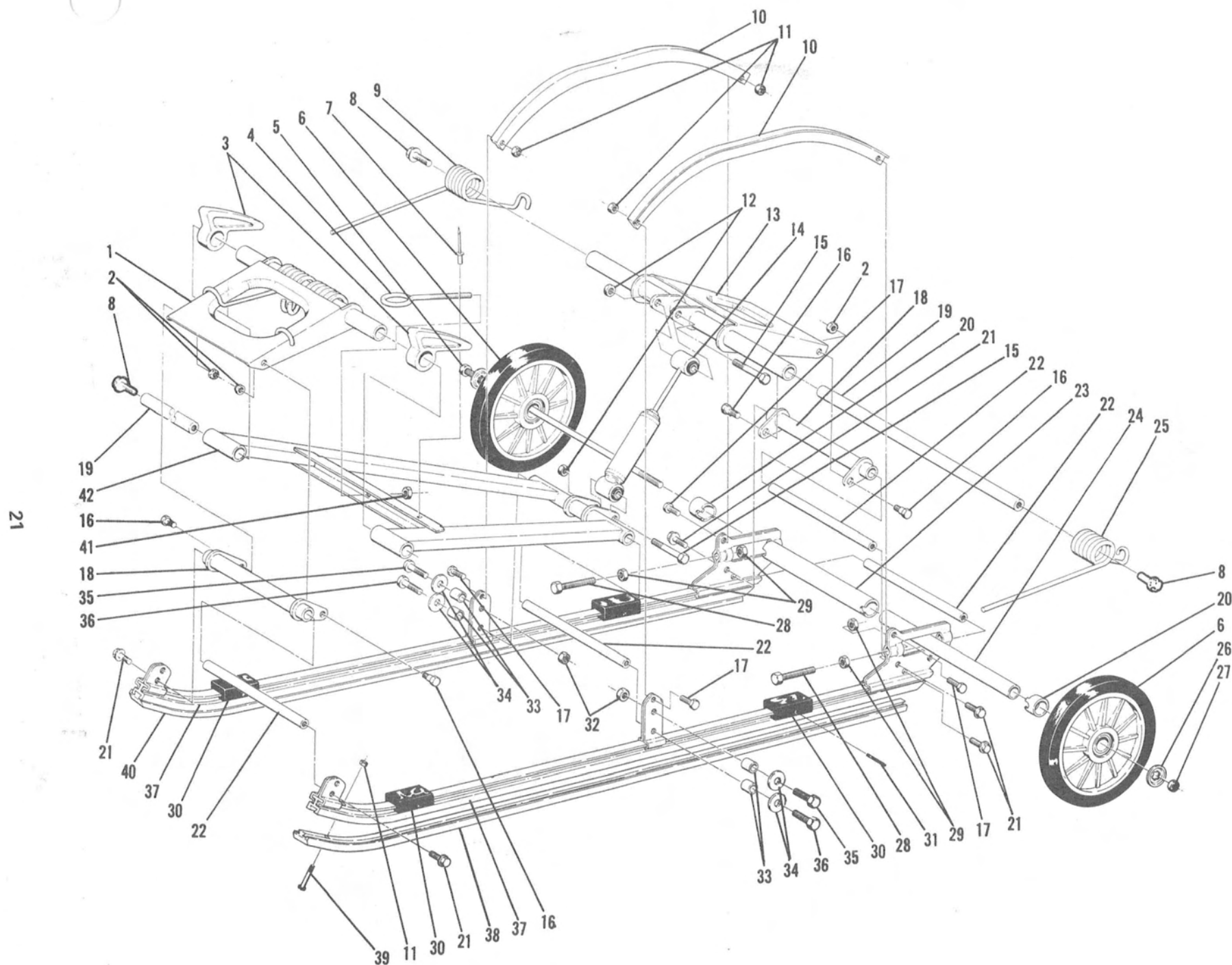
MAIN WIRE HARNESS

[illegible]

SUSPENSION

[illegible]

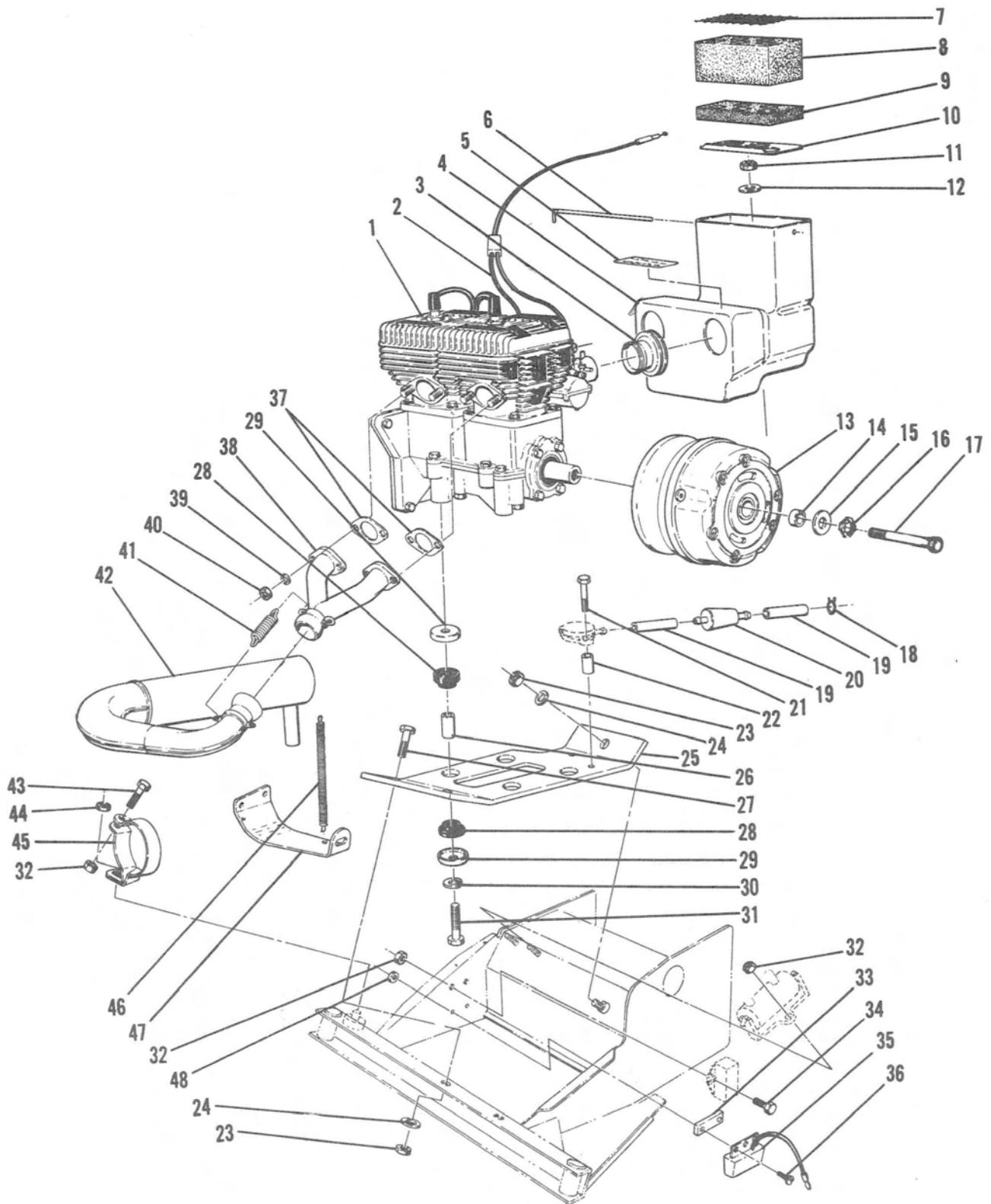
SUSPENSION



ENGINE MOUNTING – TX

[illegible]

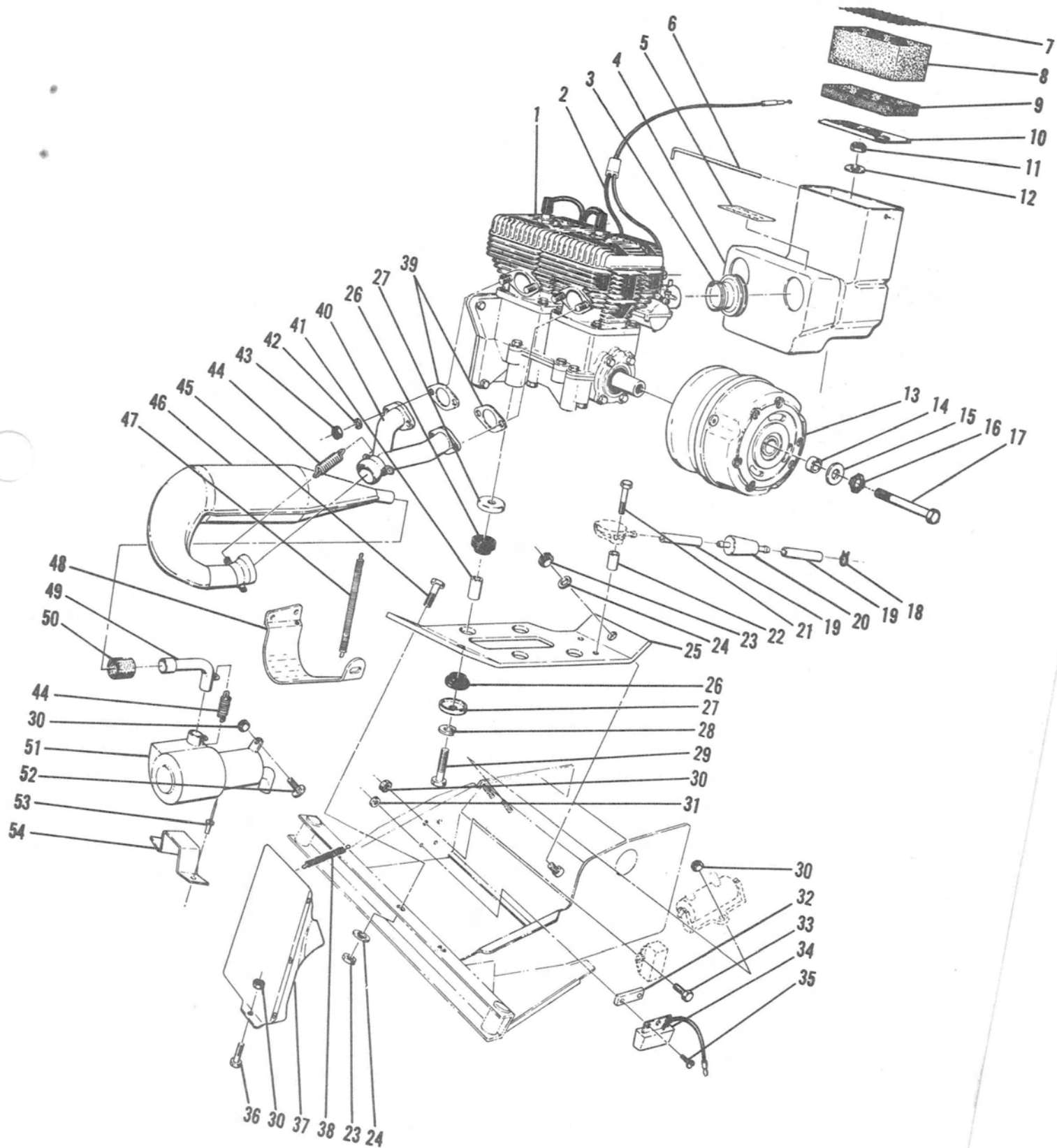
ENGINE MOUNTING - TX



ENGINE MOUNTING – 250 STARFIRE

[illegible]

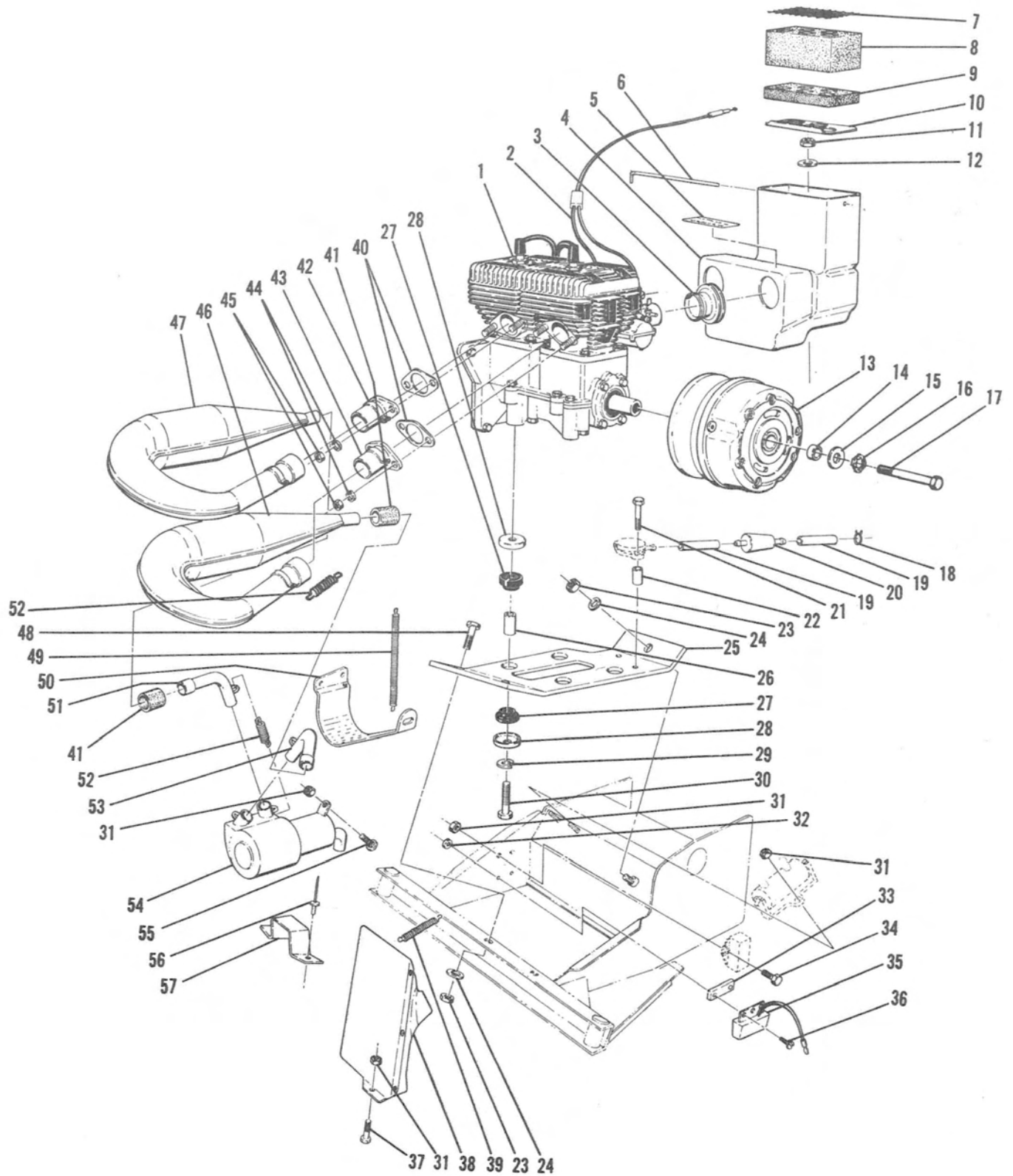
ENGINE MOUNTING - 250 STARFIRE



ENGINE MOUNTING – 340 STARFIRE

ITEM NO.	PART NO.	PART DESCRIPTION	ITEM NO.	PART NO.	PART DESCRIPTION
1	1212004	Engine - EC34PT-06	30	7512545	Bolt
2	7080178	Throttle Cable	31	7542112	Lock Nut
3	5410252	Boot	32	7541906	Lock Nut
4	5430442	Intake Silencer	33	5210650	Heat Sink
5	7071311	Air Silencer Decal	34	7512111	Bolt
6	5210746	Intake Silencer Wire	35	4060071	Regulator
7	5210750	Wire Mesh	36	7511930	Screw
8	5810062	Baffle - Silencer	37	7512191	Screw
9	5810064	Baffle - Silencer	38	1253052	Cooler Asm.
10	5221934	Plate - Foam Rest	39	7042016	Spring - Cooler
11	7542108	Flex - Loc Nut	40	3082068	Exhaust Gasket
12	7558221	Washer	41	5420144	Hose
13	1321276	Drive Clutch Asm.	42	1260379	Exhaust Adapter - Mag.
14	5430261	Bushing - Retaining Bolt	43	1260376	Exhaust Adapter - PTO
15	5210748	Washer - Clutch Retainer	44	3080530	Lock Washer
16	7575202	Lock Washer	45	3080285	Nut
17	7512529	Bolt	46	1260387	Expansion Chamber - PTO
18	7080134	Clamp	47	1260388	Expansion Chamber - Mag.
19	5420111	Fuel Line (Bulk - Cut to Fit)	48	7512405	Bolt
20	2530008	Filter	49	7042009	Spring
21	7512220	Screw	50	5221961	Hanger - Muffler
22	5332509	Tube Spacer - Fuel Pump	51	1260385	Stinger - Mag.
23	7542403	Flex - Loc Nut	52	3081078	Exhaust Spring
24	7558403	Wrought Washer	53	1260386	Stinger - PTO
25	5223785	Motor Mount Plate	54	1260378	Resonator
26	5332491	Bushing - Motor Mount	55	7512224	Bolt
27	5410241	Dampener - Vibration	56	7621401	Pop Rivet
28	5221901	Cap - Vibration Dampener	57	5221969	Support - Muffler
29	7553101	Lock Washer			

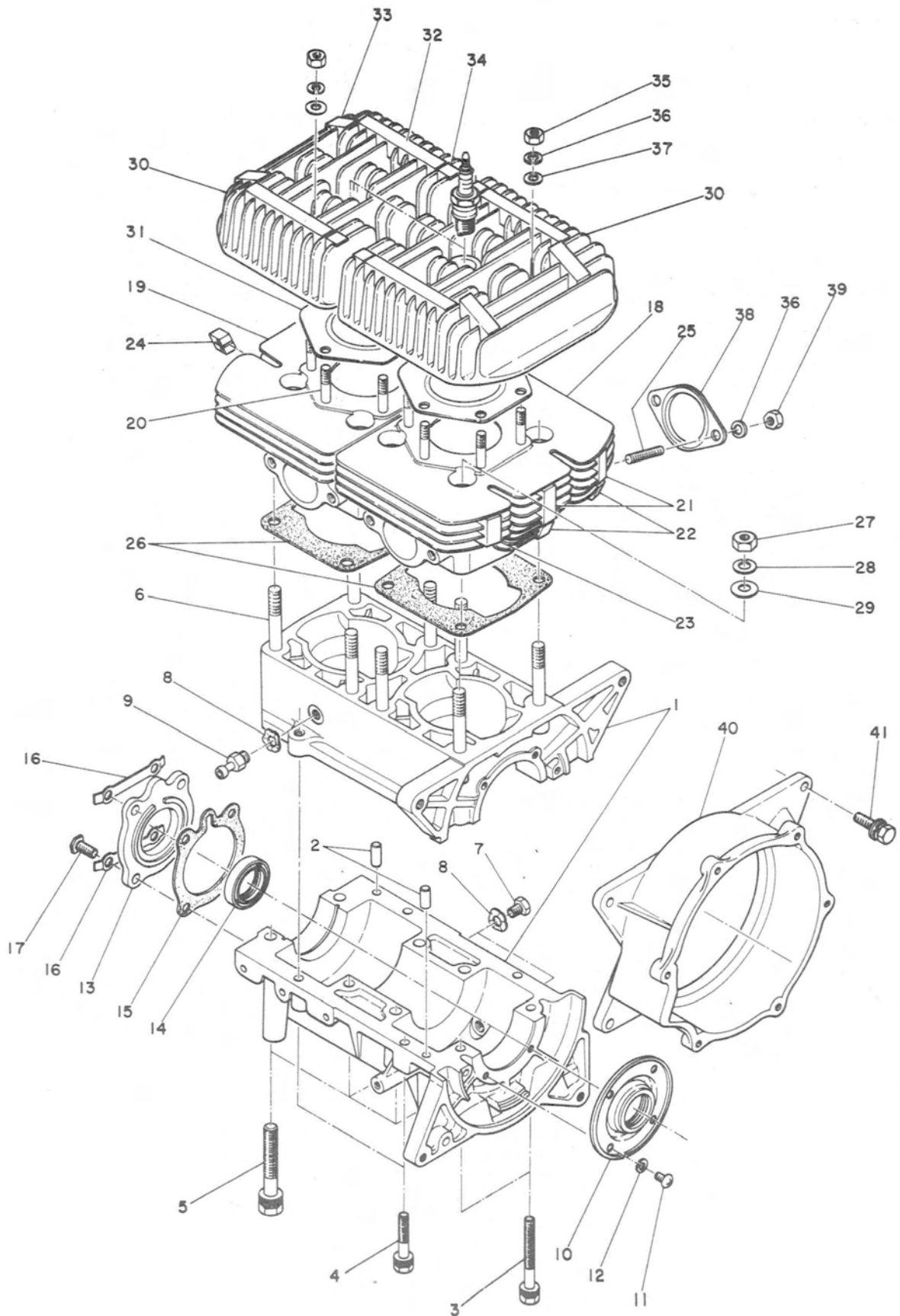
ENGINE MOUNTING - 340 STARFIRE



CRANKCASE & CYLINDER – 250, 340 TX

[illegible]

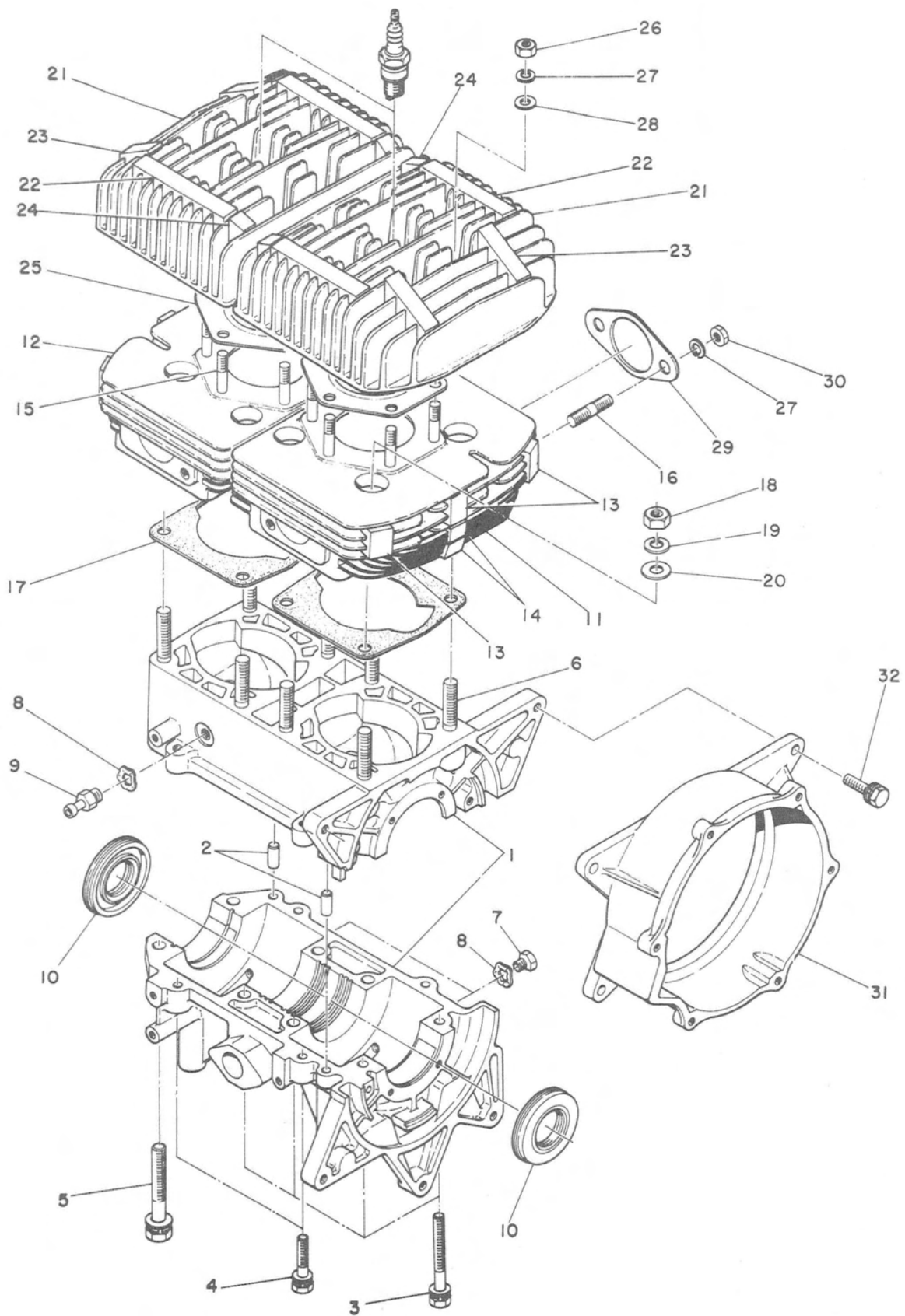
CRANKCASE & CYLINDER - 250, 340 TX



CRANKCASE & CYLINDER – 440 TX

[illegible]

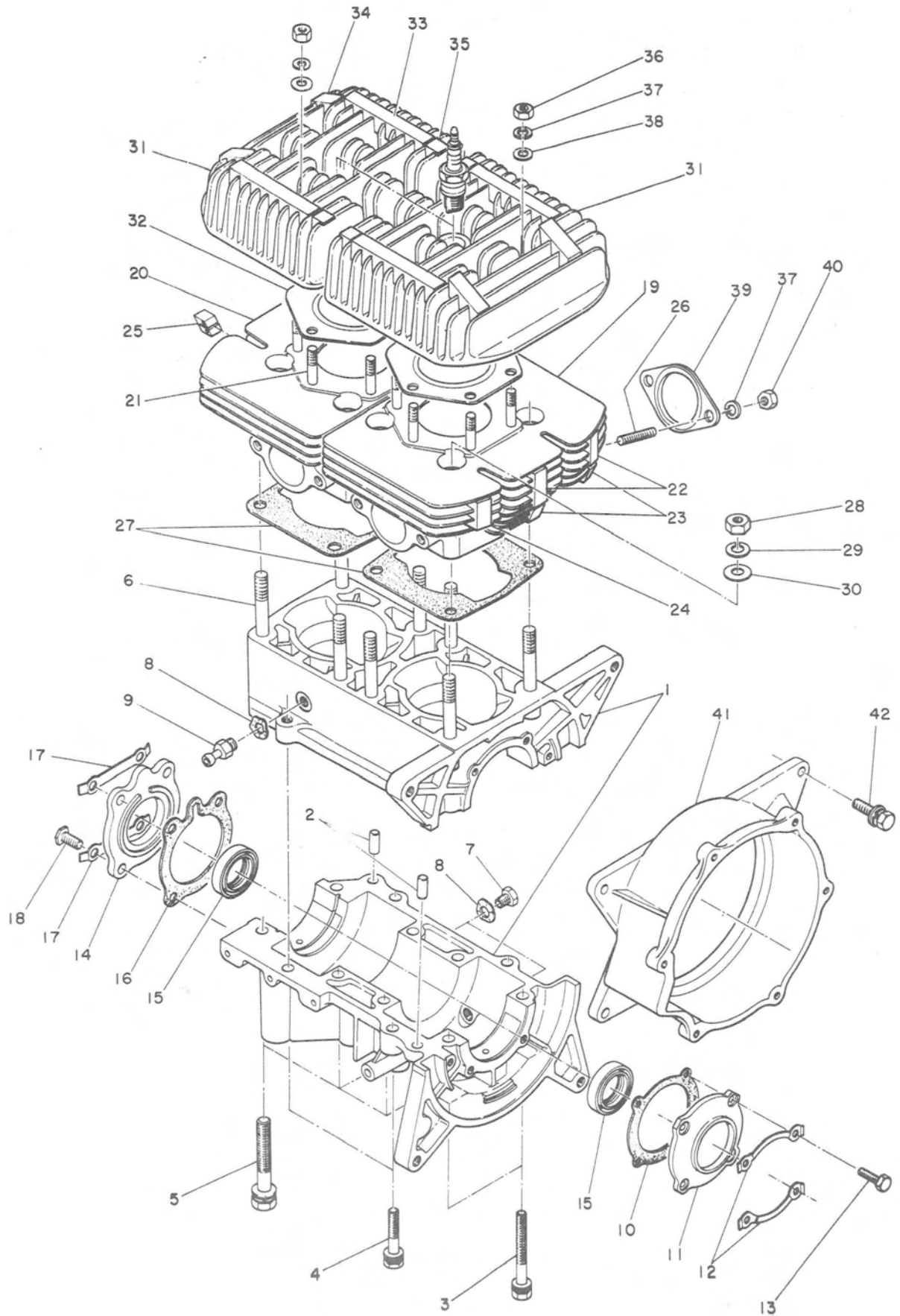
CRANKCASE & CYLINDER - 440 TX



CRANKCASE & CYLINDER – 250, 340 STARFIRE

[illegible]

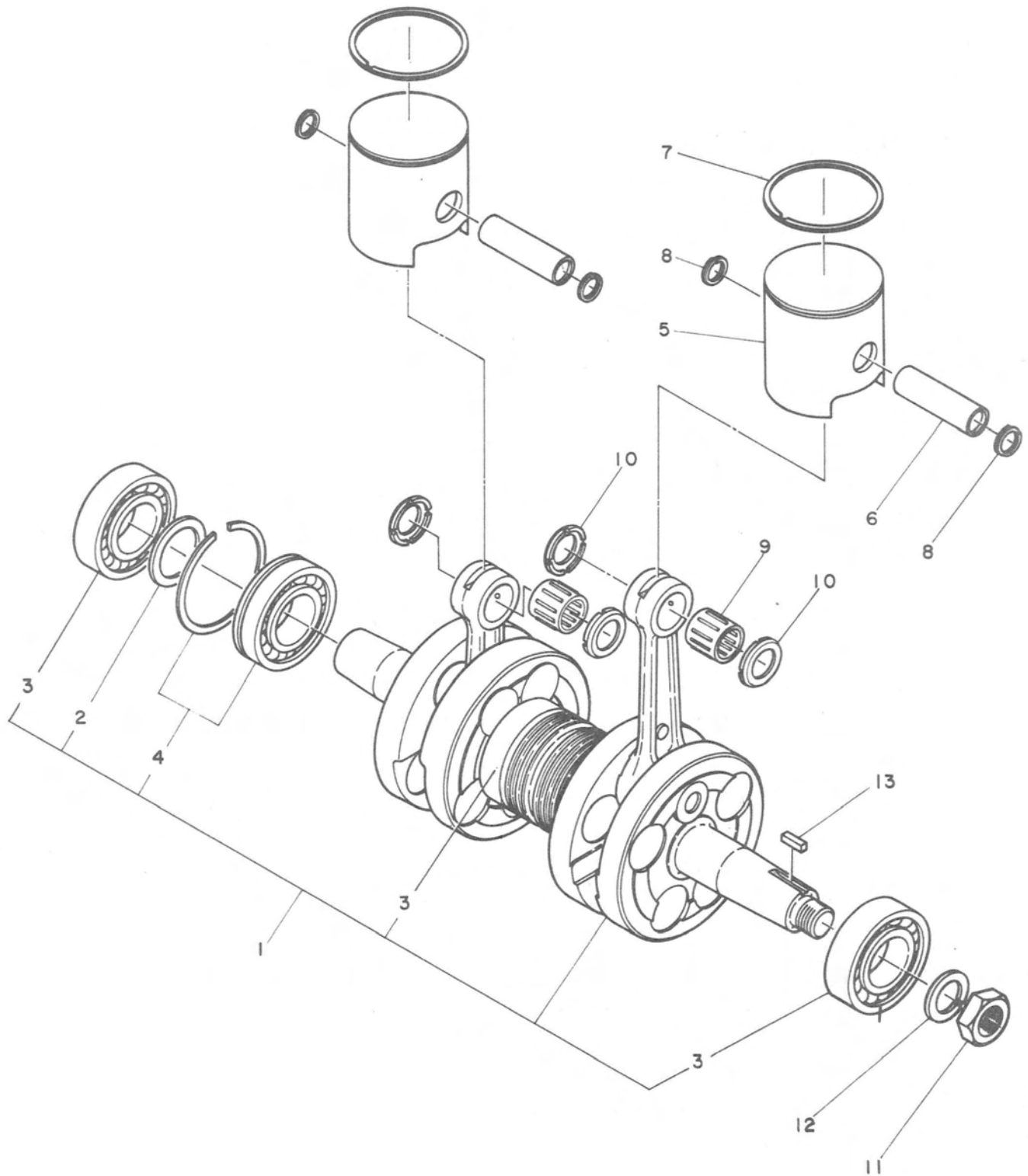
CRANKCASE & CYLINDER - 250, 340 STARFIRE



CRANKSHAFT & PISTON – TX

[illegible]

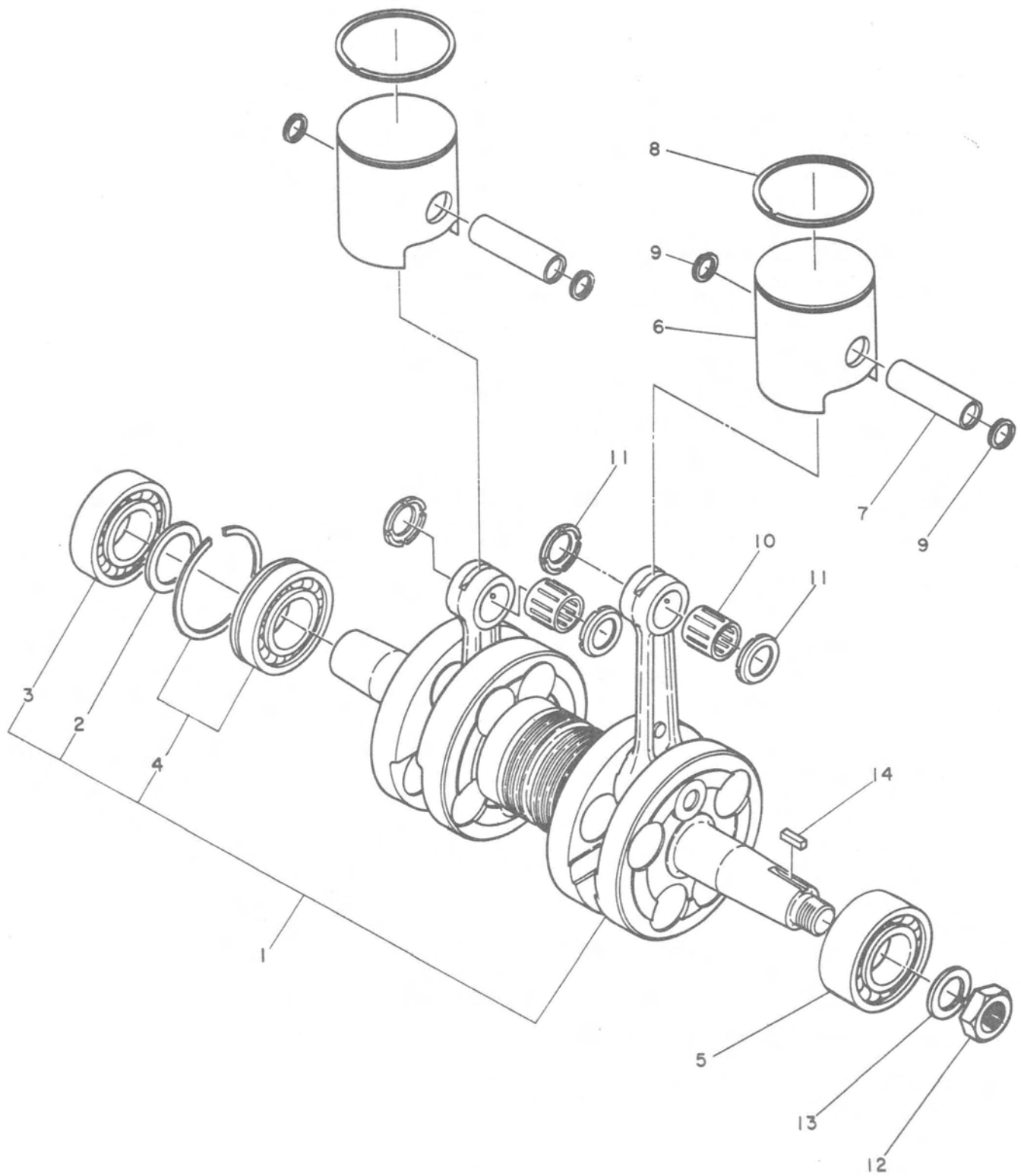
CRANKSHAFT & PISTON – TX



CRANKSHAFT & PISTON – STARFIRE

[illegible]

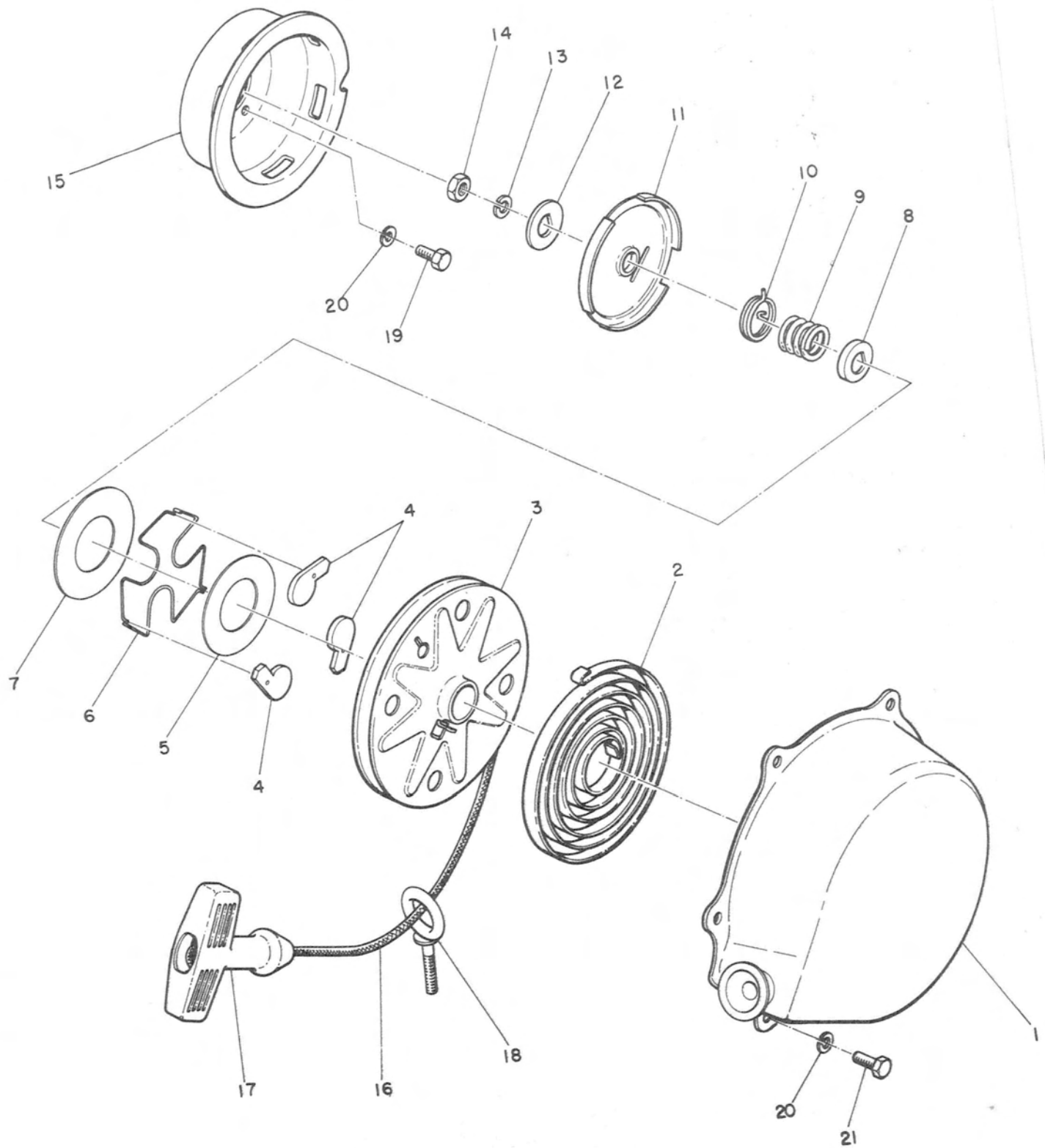
CRANKSHAFT & PISTON - STARFIRE



RECOIL STARTER

[illegible]

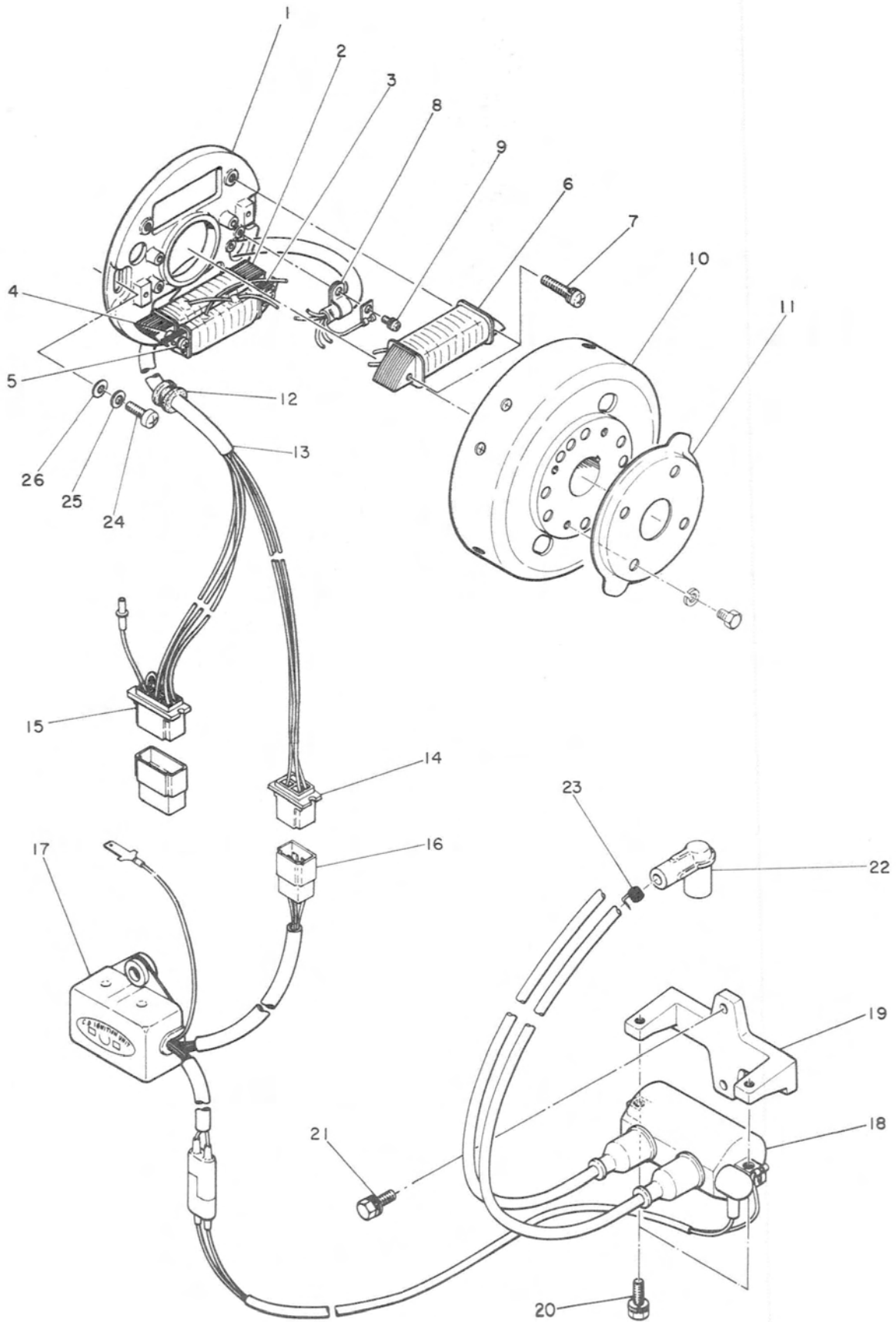
RECOIL STARTER



MAGNETO

[illegible]

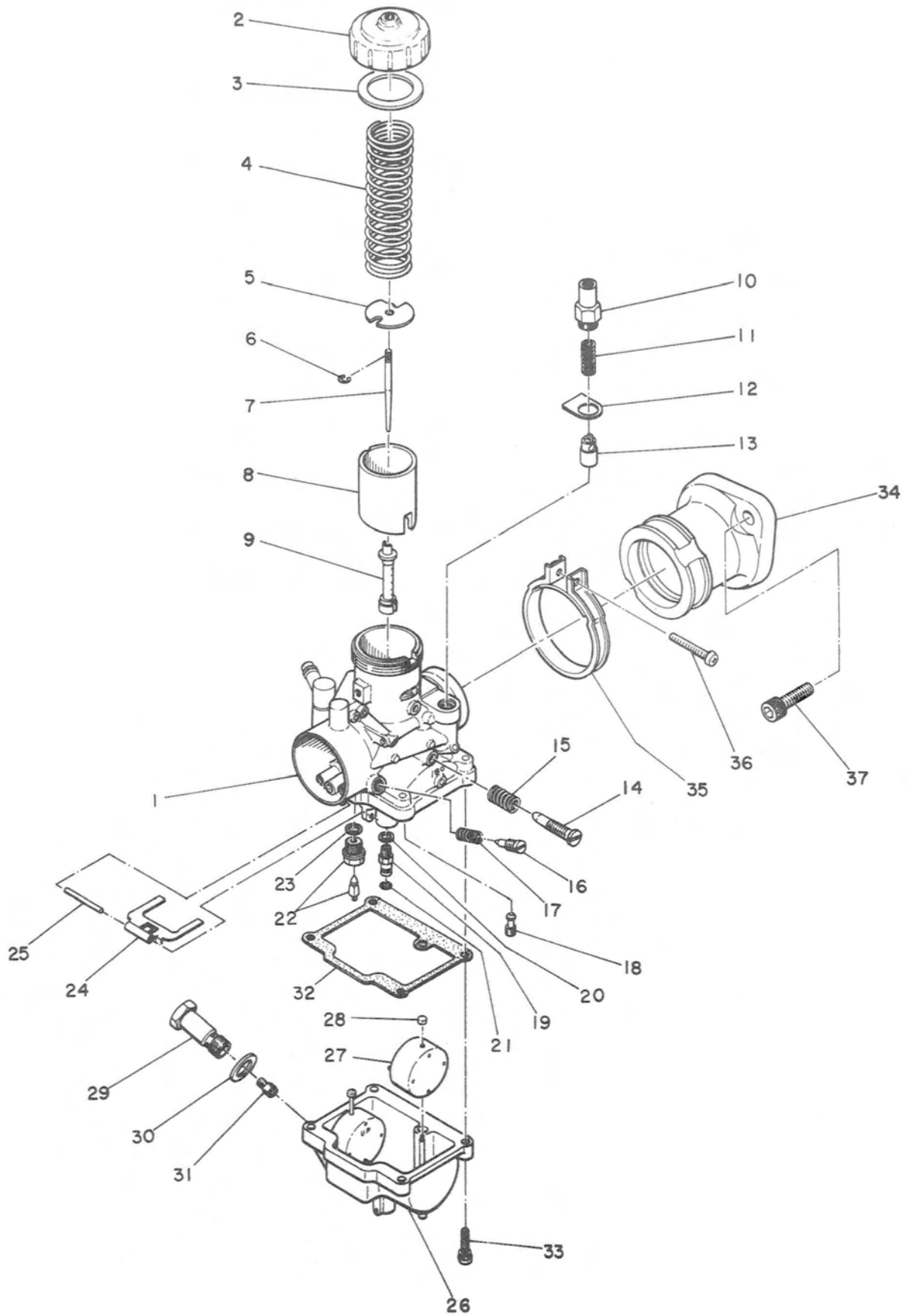
MAGNETO



CARBURETOR – TX

[illegible]

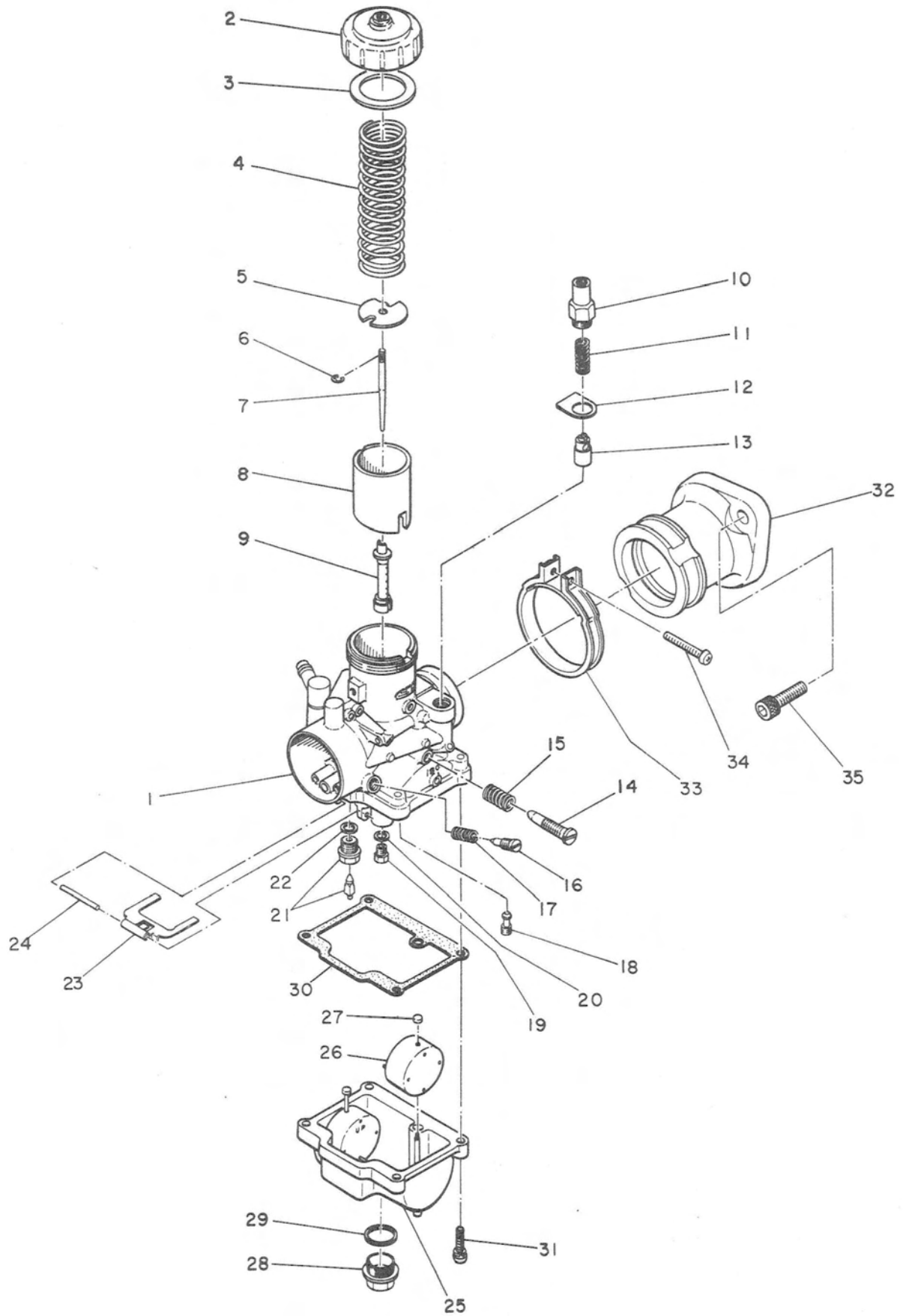
CARBURETOR - TX



CARBURETOR – 250 STARFIRE

[illegible]

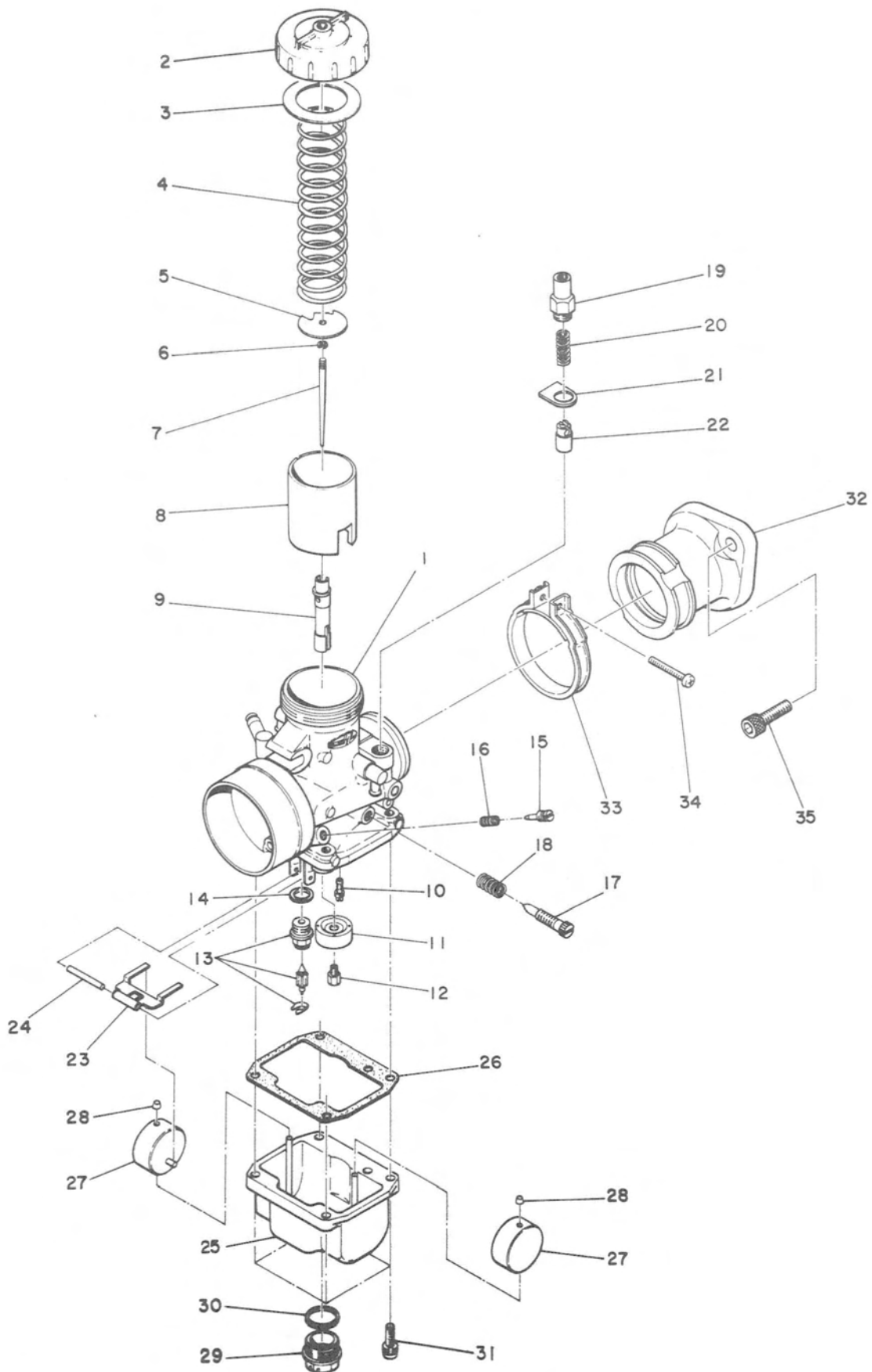
CARBURETOR - 250 STARFIRE



CARBURETOR – 340 STARFIRE

[illegible]

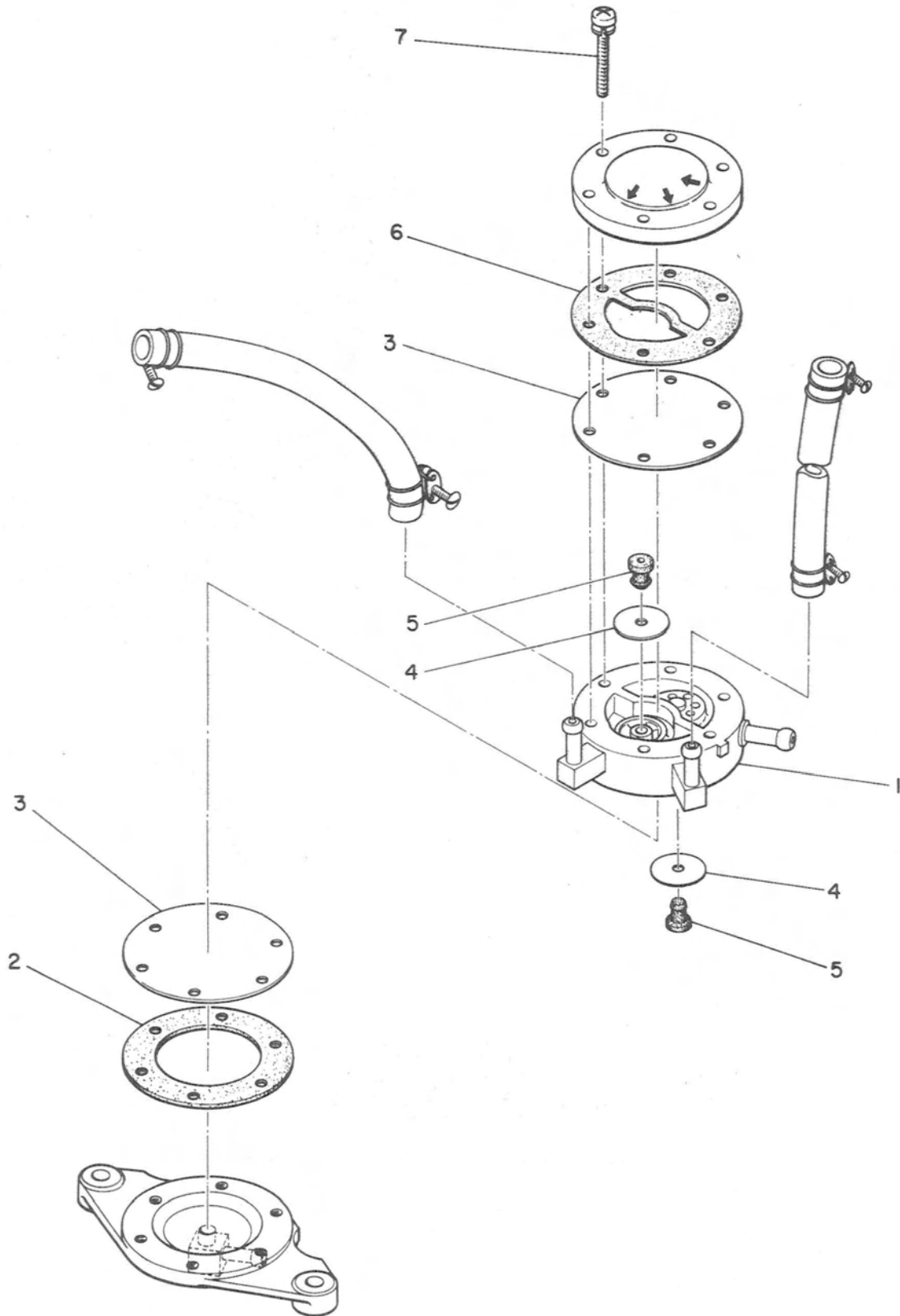
CARBURETOR - 340 STARFIRE



FUEL PUMP

[illegible]

FUEL PUMP



***Polaris* textron E-Z-GO**

MANUFACTURERS OF QUALITY SNOWMOBILES AND GOLF CARS