

1974 THUNDER JET

INDEX



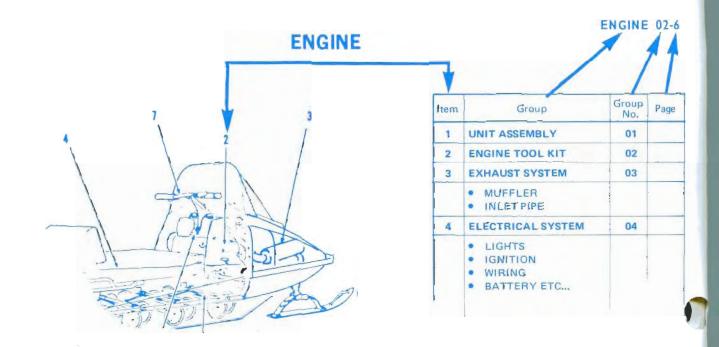


Item	Group	Group No.	Page
1	INDEX		1
2	ENGINE TOOL KIT	02	5
3	ENGINE MOUNT	02	6
4	EXHAUST SYSTEM	03	8
	MUFFLER MANIFOLD		
5	ELECTRICAL SYSTEM	04	10
	LIGHTSIGNITIONWIRING	a.	
6	DRIVE	05	12
	 DRIVE GUARD PULLEY CHAIN CASE DRIVEN PULLEY & BRAKE 		
7	SUSPENSION	06	20
	 FRONT & REAR SHAFT HOUSING - BEARING SPROCKETS - DRIVE RUBBER TRACK SLIDE 		
8	SKI	08	24
	 SKI SPRING SHOCK ABSORBER 		
9	STEERING	09	26
	STEERING SUPPORT STEERING		
10	BODY	10	28
	• BODY • SEAT		
11	HOOD	12	32
	HOOD WINDSHIELD ORNAMENTS STICKERS		
12	FUEL SYSTEM	79	34
	TANK, FILTERTHROTTLE, ETC		
13	OPTIONAL ITEMS	16	-

INSTRUCTION

HOW TO USE THE BOOK

COMMENT UTILISER LE LIVRE

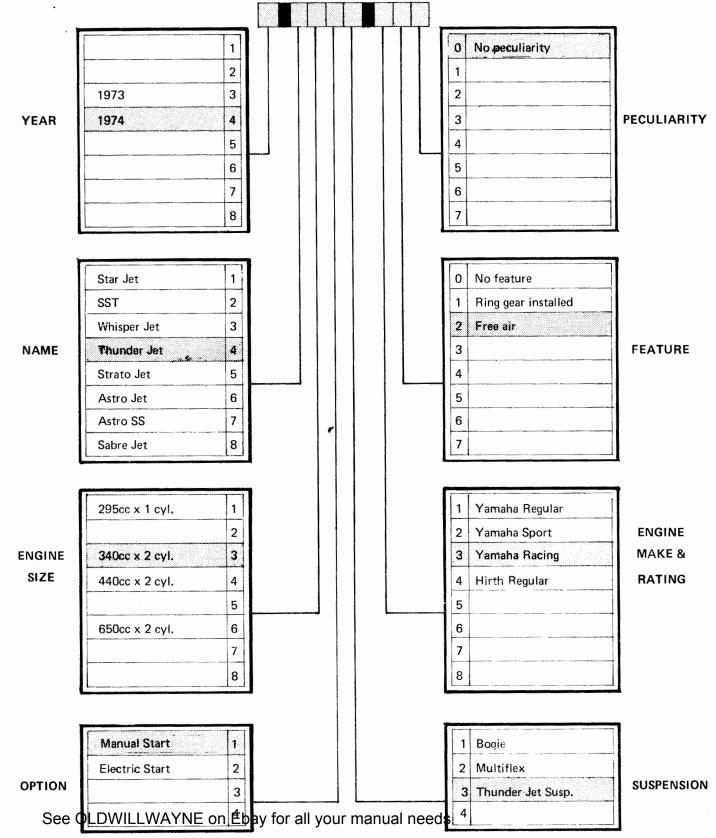


COMPONENT PARTS: Component parts of an assembly are preceded by a dot (•) Component Parts of a sub-assembly are preceded	COMPOSANTS: Les composants d'un assemblage son précédés par un point (•) Les composants d'un sous-assemblage sont précédés pa deux points (••) comme suit:		
by two dots (••) as follows:			
EXAMPLE:	EXEMPLE:		
Driven pulley assembly Shaft - converter Plate - converter Spring Drive cam Assembly Sub-Assembly Drive cam Sub-Assembly Woodruff key Components	Poulie commandée assemblée Assemblage Moyeu poulie variable Composants Plateau variable d'un assemblage Ressort Sous-Assemblage Came poulie ass. Sous-Assemblage Poulie a came Composants d'un assemblage Composants Sous-Assemblage		

NOTE:

All assembly components can be purchased separately unless mentioned on the illustration concerned. Tous les composants d'un assemblage peuvent:être achetés séparément à moins d'être mentionnés sur l'illustration concernée. See OLDWILLWAYNE on Ebay for all your manual needs

MODEL NUMBER-MASTER REFERENCE JULY 1973

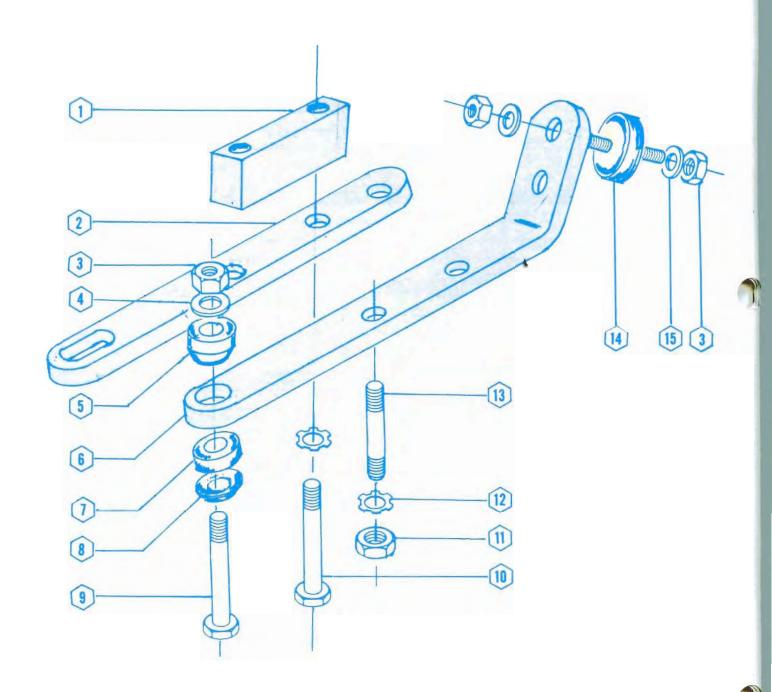


ENGINE TOOL KIT 02-5

ENGINE TOOL KIT

			1.
		ENGINE TOOL KIT	. elfb.
NO.	voler	DESCRIPTION	OTY.
81	1564	Yamaha SX 338 2 Cyl.	1
	1304		
81	0931	Tool Kit	1
81	0018	Socket Spark Plug	1
81	0019	Wrench	1
81	0020	Open Wrench	1
81	0022	Plyers 6 Std. Yamaha	1
81	0023	Screw Driver	1
	0024	Double - Bit	1
	0025	• Single - Bit	1
81	0026	Ignition Point Wrench	1
81	0027	Canvas - Bag Black Yamaha	1
81	0030	Open Wrench	1
81	0933	Allen Key 6 mm	1
		·	
-			
		*	
_			

ENGINE MOUNT

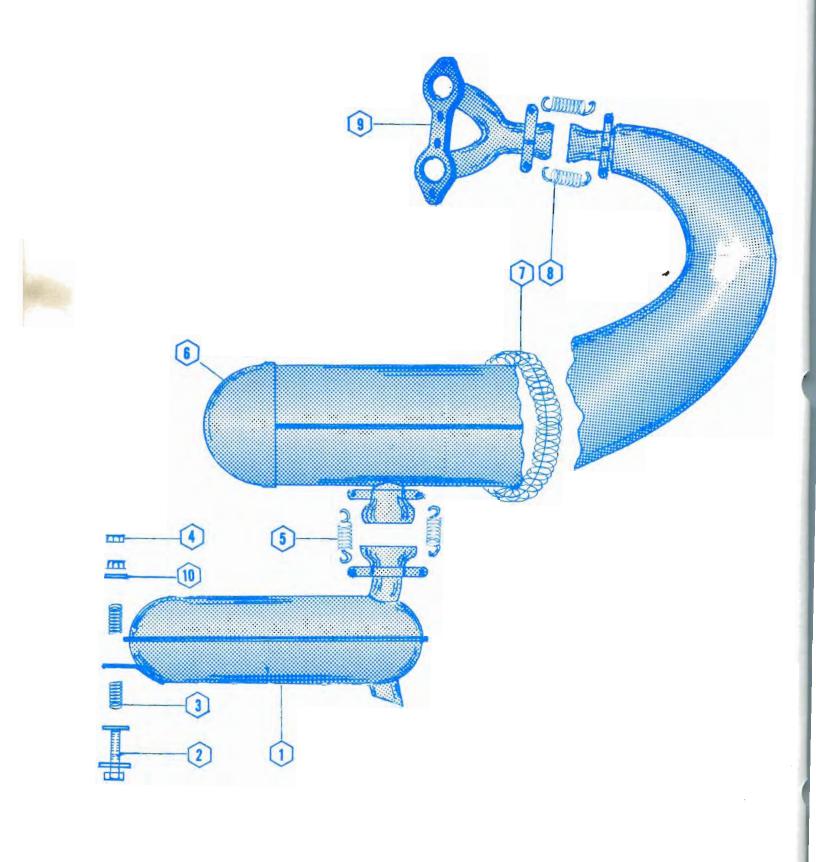


ENGINE MOUNT

ENGINE MOUNT 02-7

		ENGIN	E MOUN
		ENGINE MOUNT	43 T
NO.	Swaller	DESCRIPTION	OTY
1	181872	Spacer	1
2	181843	Cross Base R.H.	1
3	912740	Nut	7
4	050223	Washer	1
5	020113	Rubber Mount	1
6	181871	Cross Base L.H.	1
7	020085	Pad	1
8	020086	Washer	1
9	910251	Cap Screw	1
10	181636	Cap Screw	2
11	811515	Nut	2
12	916530	Shack Proof	4
13	811514	Stud	2
14	181203	Engine Mount	3
15	912831	Washer	6

EXHAUST SYSTEM

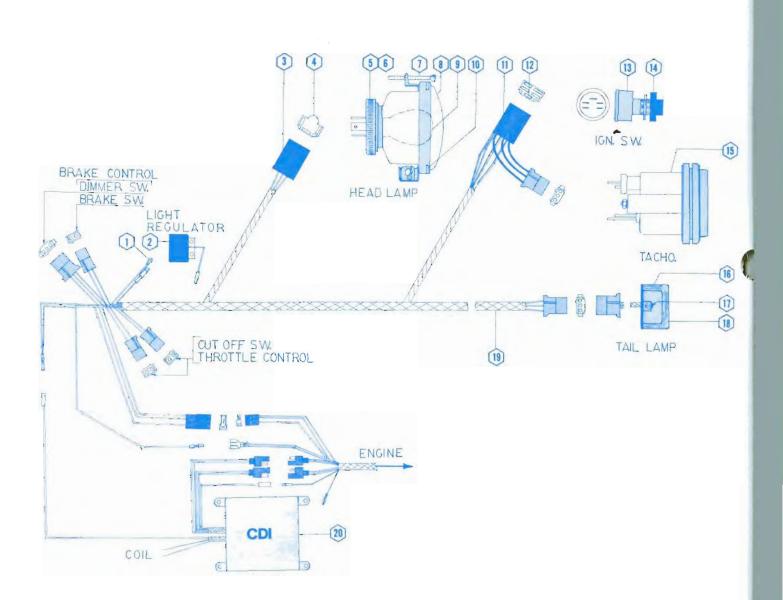


EXHAUST SYSTEM 03-9

EXHAUST SYSTEM

		EXHAUST SYSTEM	100
10.	Ingler	DESCRIPTION	QTY
1	030475	Resonnator	1
2	910053	Bolt	1
3	181945	Spring	2
4	912738	Nut	2
5	110092	Spring Resonnator Support	2
6	030478	Muffler	1
7	181946	Spring Muffler Support	1
8	110087	Spring Exhaust	3
9	020389	Exhaust Manifold	1
10	912829	Washer	3
		J	
	-		
			_
			_
-			-
	-		
-			-
-			-
-			-
_			
-			-
-			-

ELECTRIC SYSTEM

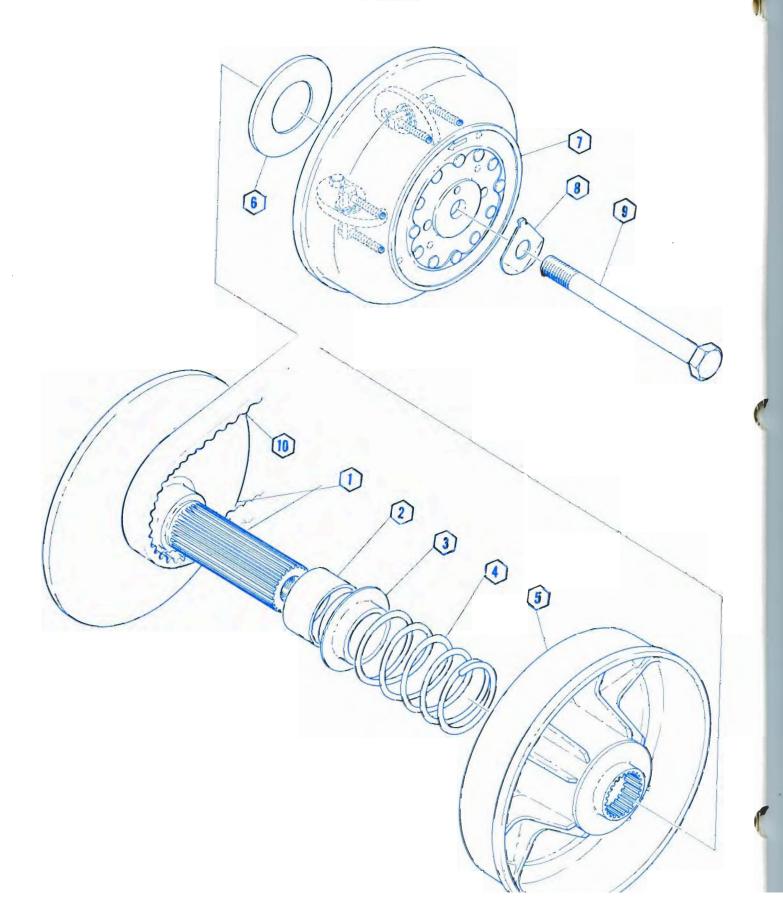


ELECTRIC SYSTEM 04-11

ELECTRIC SYSTEM

		ELECTRIC SYSTEM	4.431
NO.	Ingler	DESCRIPTION	QTY
1	040126	Terminal - Ring	1
2	040530	Light Regulator	1
3	040386	Housing - Conn.	1
4	040429	Terminal - Conn.	3
-	040543	Head Lamp	1
5	040382	Washer Socket	1
6	040383	Holder Socket	1
7	040373-	· Serew Adj. (KIT 040372	_ 2
-	-040374	• Nut Adj.	2
8	040540	Head Lamp Unit	1
9	040539	• Bulb	1
10	120414	• Spacer	4
11	040145	Housing - conn.	1
12	040046	Terminal - female	4
13	040186	Ignition Switch	1
14	040475	Cap Moisture Proof	1
15	181892	Tachometer	1
-	160185	Bulb Tachometer	1
16	181907	Tail Light Assembly	1
17	182091	Bulb (Brake)	1
17	182090	Bulb (Light)	1
18	182093	• Lens	1
19	181894	Wiring Harness	1
-	181991	Clip Cable (Wiring Harness)	2
-	916557	Tye Wrap (Wiring Harness)	1
-	181989	Polyclamp (Wiring Harness)	2
-	916419	Rivet (Wiring Clip)	1
-	916931	Wiring Clip (Ret. Wiring Harness)	1
20	811527	C.D.I. Unit	1
-			-
			-
-			
-			
-			
			1
-			
			-
			-
			-
-			1
			-
			-

DRIVE

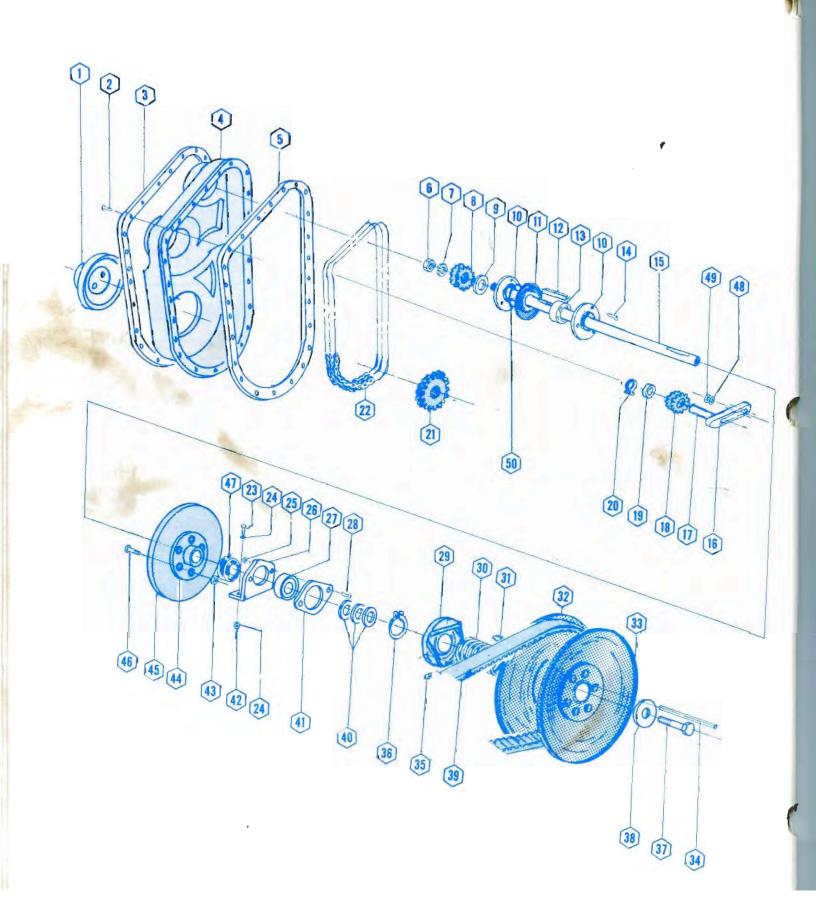


DRIVE

10.	Indler	DESCRIPTION	QTY
-	050697	Assembly Drive Pulley	1
1	811518	Fixed Pulley	1
2	811562	Bushing	1
3	811522	Seat Spring	1
4	811523	Spring - Compression	1
5	811519	Sliding Pulley	1
6	811520	• Cam	1
7	811521	Sheave Cap	1
8	811524	Lock Washer	1
9	811525	• Bolt	1
0	181764	Drive Belt	1
	101704		
-			
			and the second second
-	·		
-			
-			
+			
-			
_			
_			
	(
-			
-			
-			
-+			
_			
	Contraction of the second		

DRIVE 05-13

CONVERTER/CHAIN CASE



CONVERTER/CHAIN CASE 05-15

CONVERTER/CHAIN CASE

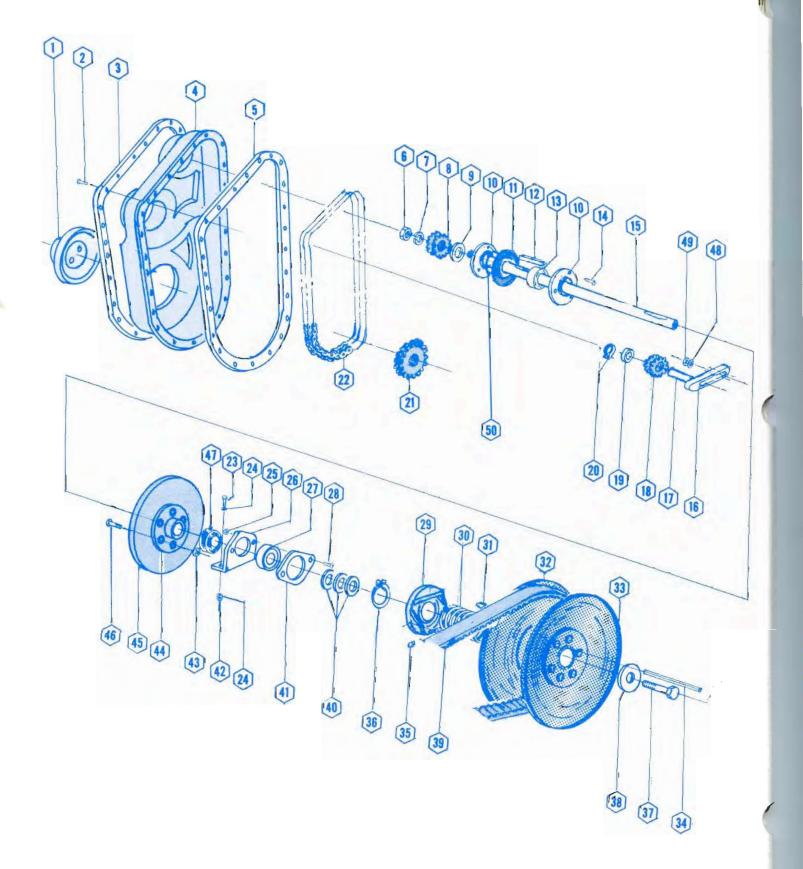
10.	Inaller	DESCRIPTION	QT
1	181231	Plug Cover	1
2	18183	Screw 181838	11
3	181804	Retainer Cover	1
4	181202	Chain Cover	1
5	181237	Gasket Cover	1
6	912605	Nut	1
7	912877	Lock Washer	1
8	050063	Sprocket 16 T.	1
8	050039	Sprocket 17 T.	1
8	050403	Sprocket 18 T.	1
9	181571	Washer Thrust	1
10	770007	Flangette	2
11	181273	Gasket Flangette	1
12	917001	Key Brake	1
13	770009	Bearing	1
14	910104	Cap Screw	3
15	181842	Shaft Converter	1
16	181806	Bracket Idler	1
17	181836	Shaft Idler	1
18	050447	Sprocket 11 T. (Idler Chain)	1
19	770008	Bearing	1
20	916751	Retaining Ring	1
21	050064	Sprocket 37 T.	1
22	181101	Chain 68 Pitch	1
23	910243	Cap Screw	2
24	912831	Washer	5
25	912725	Nut	5
26	181540	Pillow Block	1
27	770005	Bearing	1
28	914320	Carriage Bolt	2
-	181277	Assembly Converter 050703	1
29	181744	Torque Bracket (35°)	1
29	181747	Torque Bracket (32°) Optional)	1
30	181742	• Spring	1
31	181743	• Key	1
32	181739	Movable Face	1
33	181738	Face & Hub	1
34	181746	• Кеу	1
35	181741	Slipper Cam	3
36	181745	Retaining Ring	1
37	916475	Cap Screw	1
38	050223	Washer Special	1





T

CONVERTER/CHAIN CASE

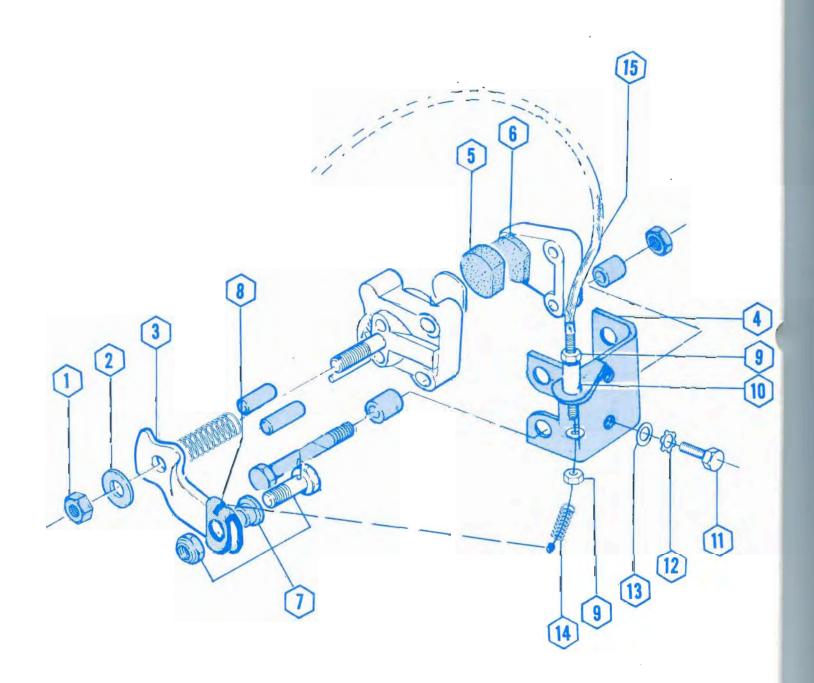


CONVERTER/CHAIN CASE 05-17

CONVERTER/CHAIN CASE

		CONVERTER/CHAIN CASE	4 4313 2
NO.	Ingler	DESCRIPTION	OTY.
39	181764	Drive Belt	1
40	060366	Washer Bearing	3
41	181541	Flange Pillow Block	1
42	912740	Nut	3
43	912756	• Nut	6
44	070150	• Hub	1
45	181514	Brake Disk	1
46	911243	• Bolt	6
47	770006	Locking Collar	1
48	912831	Washer	1
49	912740	Nut	1
50	181271	"O" - Ring	1
		G	
			-
			-
			ALL SALES
	•		

BRAKE

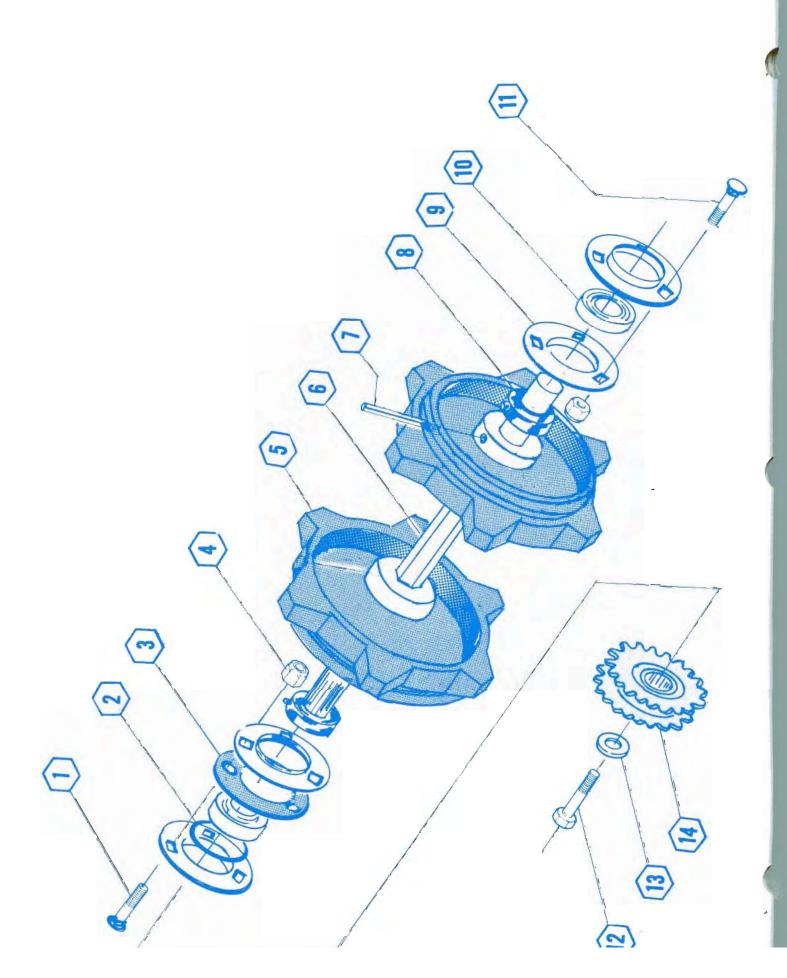


BRAKE 05-19

BRAKE

		BRAKE	
NO.	Indler	DESCRIPTION	91
-	181847	Assembly Brake	1
1	-070087	• Nut 916507	1
2	912615	Washer	1
3	181896	• Lever	1
4	181900	Bracket	
5	181898	• Puck 1/2"	
6	181899	• Puck 5/16"	1
7	181895	Cap Screw, Sleeve & Nut	1
8	070041	Clevis	
9	914418	Jam Nut Hex.	
10	181951	Extension	
11	910100	Cap Screw	2
12	916709	Shack Washer	2
13	912830	Washer	
14	181969	Spring	
15	181944	Brake Cable with Wire	
-			
_			
-			
-			
_			
-			

FRONT SHAFT

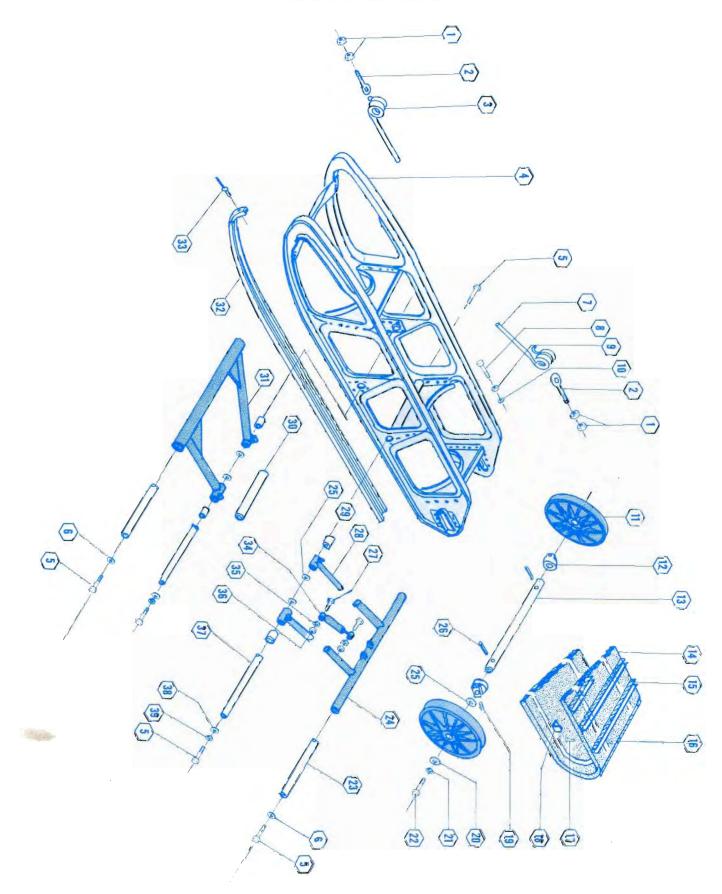


FRONT SHAFT

		FRONT SHAFT	4,4313
10.	Ingler	DESCRIPTION	OTY.
1	914154	Carriage Bolt	3
2	181271	"O" Ring	1
3	181273	Gasket Flangette	1
4	912725	Nut	6
5	181953	Drive Sprocket	2
6	181904	Drive Shaft Hex.	1
7	916997	Roll Pin	2
8	770006	Locking Collar	2
9	770007	Flangette	4
0	770005	Bearing	2
1	914320	Carriage Bolt	3
2	914320	Cap Screw	1
3	050223	Washer Special	1
4	050064	Sprocket 37 T.	1
_			
_	1000		
-			
			1
			1 20 3

FRONT SHAFT 06-21

SUSPENSION



		SUSPENSION	026.6164.
NO.	INDIET	DESCRIPTION	QTY.
1	914357	Hex. Nut	8
2	181447	Eye Bolt	4
3	181436	Spring L.H. Front	1
3	181437	Spring R.H. Front	1
4	181821	Main Frame	1
5	916475	Cap Screw	8
6	912831	Washer	4
7	181438	Spring R.H. Rear	1
7	181439	Spring L.H. Rear	1
8	181451	Bolt	2
9	912663	Jam Nut	2
10	912832	Washer	2
11	181449	Idler Wheel	2
12	181450	Axle Holder	2
13	181442	Idler Axle	1
14	181880	Track Assembly	1
15	060293	• Cleat	36
16	181657	Nut	48
17	181656	• Bolt	48
18	060292	Guide Track	24
-	181999	Rivet	312
19	181455	Set Screw	2
20	181445	Retainer Washer	2
21	912873	Lock Washer	2
22	910104	Cap Screw	2
23	181432	Carrier Shaft	2
24	181466	Outer Tele Tube	1
25	181444	Washer Thrust	6
26	181456	Roll Pin	2
27	910351	Cap Screw	2
28	181464	Inner Tele Tube R.H.	1
28	181465	Inner Tele Tube L.H.	1
29	181430	Bushing	4
30	181443	Spacer Bushing	T
31	181160	Front Control Arm	1
32	181446	Hifax Runner	2
33	916674	Rivet	32
34	181535	Shock Absorber	1

Lock Washer

Washer Special

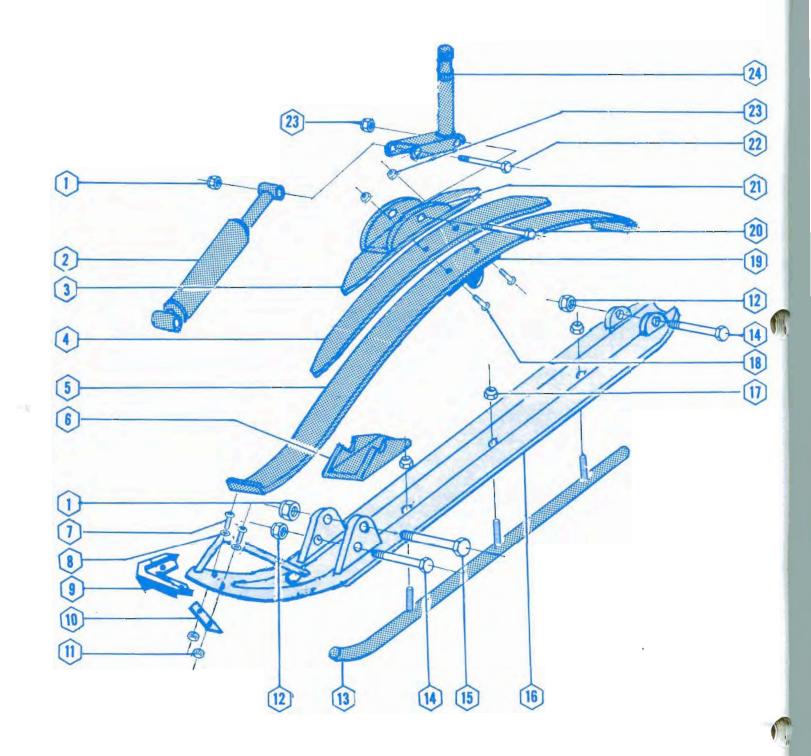
Lock Washer

Hex. Nut

Axle

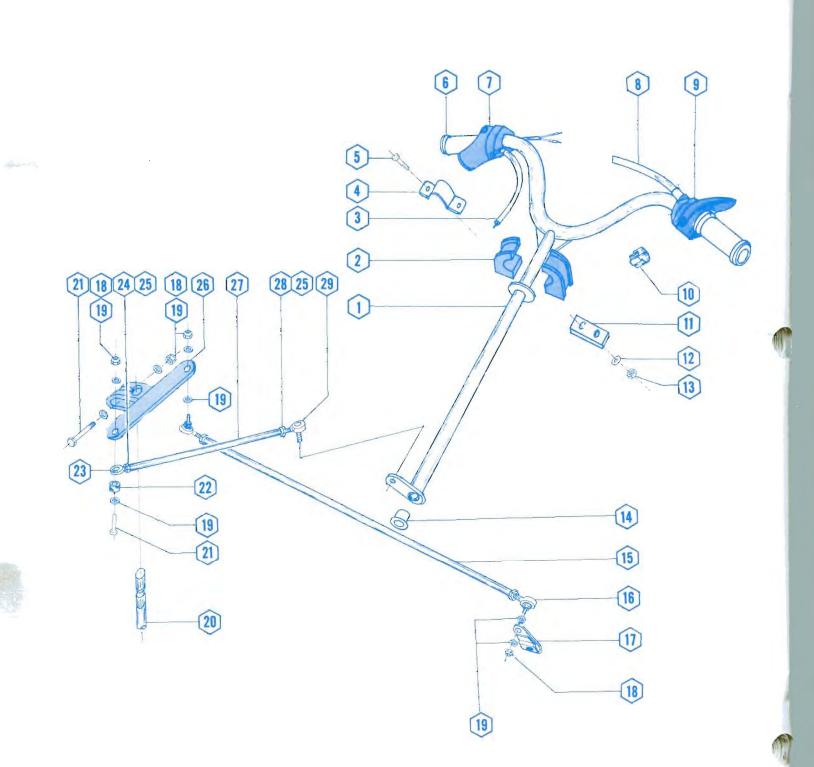
SUSPENSION 06-23

SKI



SKI			. 4315 · b
0.	Inalar	DESCRIPTION	OTY.
1	912741	Lock Nut	4
2	181527	Shock Absorber	2
3	110049	Leaf # 3 Spring	2
4	110048	Leaf # 2 Spring	2
5	110047	Leaf # 1 Spring	2
6	080046	Spring Pad	2
7	914089	Machine Screw	4
8	912827	Washer	4
9	181967	Strap Boot	2
10	181968	Boot Ski Tip	2
11	912716	Lock Nut	4
12	~912739	Lock Nut 912615	4
13	181916	Ski Runner	2
13	181930	Ski Runner (Carbite)	2
14	910163	Cap Screw	4
15	910363	Cap Screw	2
16	181363	Ski Weld	2
17	912726	Lock Nut	6
18	913358	Cap Screw	4
19	080024	Bumper Spring	2
20	916877	Cap Screw	2
21	080103	Saddle	2
22	910355	Cap Screw	2
23	912740	Lock Nut	6
24	181321	Ski Leg	2
		·	
_			

STEERING

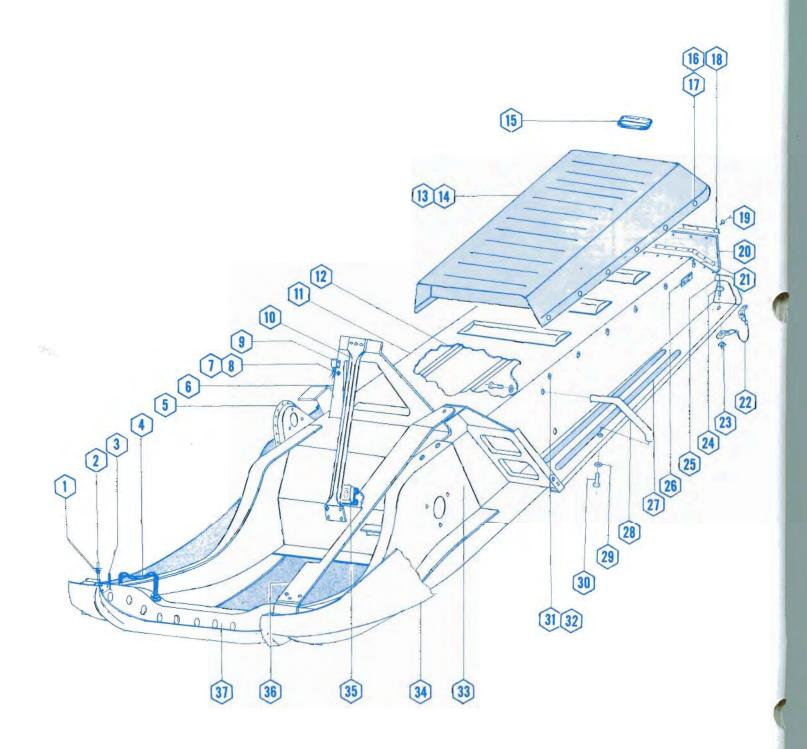


STEERING

			STEERING
		STEERING	4.431
NO.	Incler	DESCRIPTION	OTY
1	181912	Steering Weld	1
2	090044	Half Guide Bushing	2
3	181902	Throttle Cable	1
4	090565	Steering Holder	1
5	910047	Cap Screw	2
6	090246	Handle Grips	2
7	090521	Throttle Control	1
8	181944	Brake Cable	1
9	090522	Brake Control	
10	916732	Clamp	4
11	181220	Spacer	1
12	912829	Washer	2
13	912738	Nut	2
14	181497	Bushing Steering	1
15	181306	Tie - Rod	1
16	181282	Tie - Rod End	1
17	090163	Steering Arm	1
18	912740	Nut	8
19	912831	Washer	12
20	181321	Ski Spindle	2
21	-913364-	Cap Screw 916 481	3
22	181573	Spacer	1
23	916404	Tie - Rod End	4
24	914378	Nut	2
25	916414	Shack Washer	4
26	181915	Steering Arm	1
27	181505	Drag Link	1
28	916514	Nut	2
29	181283	Tie - Rod End	2
-	916800	Klip Ring (Throttle Control)	2
-	181098	Bushing Spindle (Ski Leg)	4
		and the second sec	
		1.5.1.2	6 1
-	1		
-			
			~
		-	

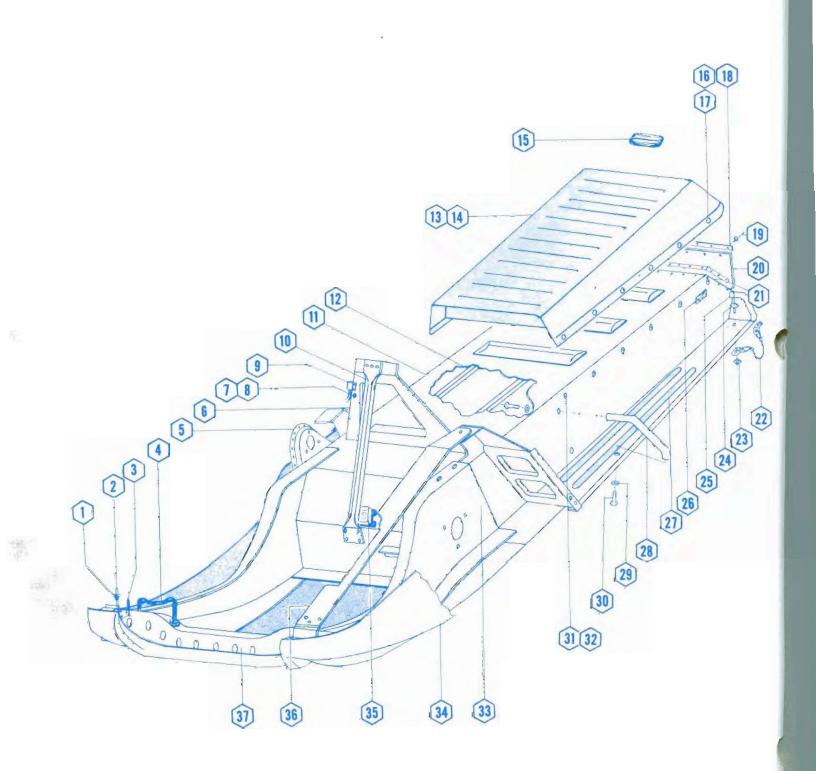
STEERING 09-27





BODY & SEAT 10-29

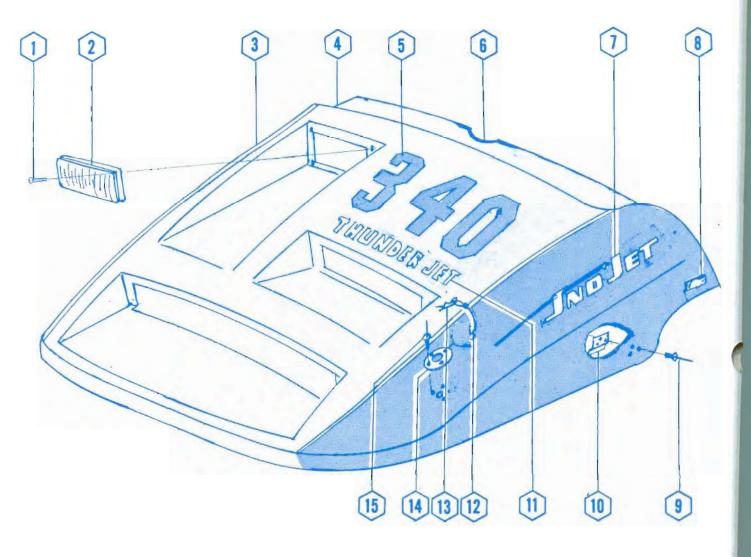
			BODY & SEAT
		BODY & SEAT	-14.6
NO.	Indler	DESCRIPTION	QTY
1	181893	Spring	2
2	181926	Hood Pin R.H.	1
2	181927	Hood Pin L.H.	1
-	916407	Rivet (Hood Pin)	6
3	181929	Stopper Steering	1
-	912831	Washer (Stopper Steering)	1
-	912740	Nut (Stopper Steering)	1
4	18192	Muffler Support 18921	1
-	912724	Nut (Ret. Muffler Support)	2
-	-014355-	Hex. Nut (Ret. Muffler Support) 916520	2
-	912829	Washer (Ret. Muffler Support)	4
5	181530	Backing Plate (Chain Case)	1
-	913198	Bolt (Backing Plate)	7
-	912829	Washer (Backing Plate) Replacement only	7
-	913738	Nut (Backing Plate)	7
6	181802	Steering Stanchion	1
-	181672	Rivet (Same Steering Brace)	9
7	020269	Half Guide Rope	2
8	916797	Retaining Ring	1
9	040530	Regulator	1
-	120564	Spacer (Regulator)	1
-	- 916796	Machine Screw (Ret. Regulator) 914085	2
-	916535	Shack Washer (Ret. Regulator	2
-	916521	Hex. Nut (Ret. Regulator)	2
10	181470 ⁻	Steering Brace 050403	1
-	181672	Rivet (Steering Brace)	9
11	181824	Frame	1
12	181650	Wear Strip	2
-	916674	Rivet (Wear Strip)	18
13	181858	Seat	1
14	181827	Seat Cover	1
15	181907	Tail Light	1
16	916734	Snap	16
17	916735	Snap Button	16
18	181538	Backing Plate	1
19	916419	Rivet	5
20	181818	Mud Flap	1
21	181199	Tunnel Rear	1
-	916407	Rivet (Tunnel Rear)	18
22	181848	Lanyard Mud Flap	2
23	916525	Square Washer	4
24	916744	Rivet Lanyard	4
25	181488	Lift Handle L.H. Rear	1
25	181489	Lift Handle R.H. Rear	1
26	420318	Reflector Bed 20828	2

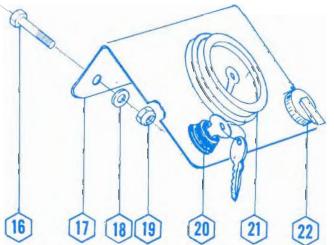


BODY & SEAT 10-31

				BODY & SEAT 10-3
		BOD	Y & SEAT	4.4313.320
NO.	Inaler		DESCRIPTION	OTY.
27	181318	Non-Skip Strips		4
28	181544	Stirrup		2
29	181556	Washer		4
30	916745	Cap Screw		6
31	916791	Stud Seat Snap		16
32	916792	Rivet Seat Snap		16
33	181485	Main Frame L.T.		1
33	181198	Main Frame R.T.		1
-	181672	Rivet (Main Frame) "L.H. o	r R.H."	53
34	181972	Nose Pan Fiber		1
-	181992	Nylon Spacer (Nose Pan Sid	e)	2
-	916687	Rivet (Nose Pan)		13
35	811527	C.D.I. Unit		1
-	910047	Cap Screw (Ret. C.D.I.)		4
-	912829	Washer (Ret. C.D.I.)		8
-	912738	Hex. Nut (Ret. C.D.I.)		4
36	181822	Belt Guard		1
37	181189	Front Cross Member		1
-	913198	Bolt (Cross Member))	22
-	912829	Washer (Cross Member)	Replacement only	22
-	913738	Nut (Cross Member))	22
	916549	Rivet (Serial Plate)		22
-	916716	Washer (Serial Plate)		2
-	182047	Trim (Nose Pan Rear)		2
-	916712	Rivet (Trim) 9169	73	4
				-
	and the second second			

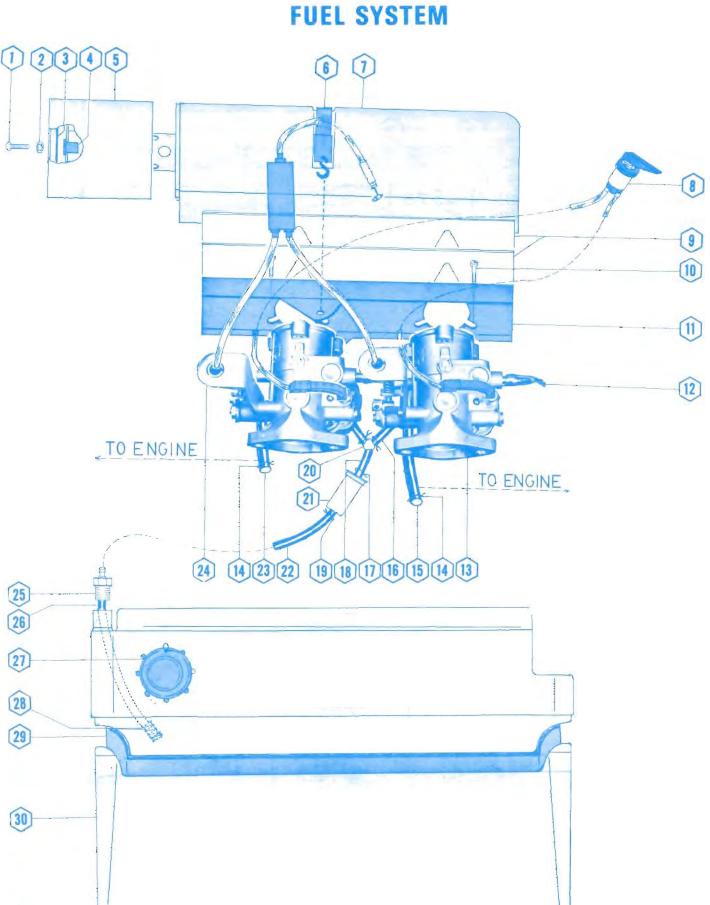
HOOD & DASH





10.	INGUET	DESCRIPTION	012.512.5
1	916580	Screw	4
2	040543	Assembly Head Lamp (See Electrical System)	1
3	181983	Stripe	2
4	181971	Hood Fiber	1
5	181980	Decal 340	1
6	182049	Trim Hood	1
-	916712	Rivet (Trim) 916873	6
7	120709	Sno-Jet Logo	2
8	120319	Reflector Amber 1208 27	2
9	916407	Rivet	6
10	120831	Guide Hood	2
11	181981	Decal Thunder Jet	1
12	181955	Lanyard Pin	2
13	181931	Pin Hood	2
14	181932	Plate Hood	2
15	916549	Rivet	8
-	160200	Stap (Retainer Hood)	2
-	181956	Hook Modified Strap (Retainer Hood)	2
-	916525	Washer (Square Strap)	2
-	916687	Rivet (Strap)	2
-	916503	Rawl Nut (Head Lamp)	4
-	181984	Accoustical Foam (8-1/2" x 1/2")	1
-	181985	Accoustical Foam (7" x 15" x 1/2")	1
-	181986	Accoustical Foam (Right Side)	1
-	182054	Accoustical Foam (Left Side)	1
-	182055	Accoustical Foam (Muffler)	1
-	182056	Accoustical Foam (Engine)	1
16	910047	Bolt	2
17	181911	Tacho. Mount Bracket	1
18	912829	Washer	2
19	912738	Nut	
20	040186	Ignition Switch	1
21	181892	Tachometer	1
22	181908	Choke Assembly with Double Cables	1
			_
-			-
-			-
-			
	-		
-+			

34-79 FUEL SYSTEM



a

FUEL SYSTEM

			OEL STSTEM
		FUEL SYSTEM	
NO.	S wa'Jer	DESCRIPTION	 ОТ Ү
1	916915	Machine Screw	4
2	916535	Shack Washer	4
3	790832	Intake Joint	
4	916914	Well Nut	4
5	790830	Resonator	1
6	181959	Strap Air Silencer	1
7	181910	Intake Silencer	1
8	181908	Choke Assembly with Double Cables	1
9	182043	Gasket Silencer	1
10	181954	Screw Special	6
11	181935	Mount Plate Silencer	1
12	791018	Plug Return Line	2
13	181879	Carburetor L. H.	2
14	790740	Wire Clip	4
15	790745	Vacuum Line	1
16	700182	Fuel Line (Red 3-1/2'') 4100 50	2
17	790436	Clip Fuel Line	8
18	790182 ·	Fuel Line (Red 1-5/8") 4100 50	1
19	790436	Clip Fuel Line	2
20	790559	Fitting "Y"	1
21	181256	Filter Inline	1
22	790182	Fuel Line (Red 10") 4100 50	1
23	790748	Vacuum Line	1
24	791016	Bracket Throttle Cable	2
25	791019	Fitting Fuel Tank	1
26	799182	Fuel Line (Red 7") 410050	1
27	181861	Cap Fuel Tank	1
28	181834	Filter in Tank	1
29	791024	Strap Gas Tank	1
30	181826	Gas Tank	1
31	181828	Base Fuel Tank	1
13	182210	CARB. R.H.	1
		· · · · · · · · · · · · · · · · · · ·	

(¹³ ×]