



LIQUID COOLED

SNOWMOBILE ENGINE

PARTS LIST

SPECIFICATION

MODEL		G44BW	G34BW
TYPE		TWO(2)-CYLINDER, LIQUID COOLED	
		TWO(2)-STROKE ENGINE, REED VALVE	
DISPLACEMENT	(cc)	432	338
CYLINDER BORE	(mm)	68	64
STROKE	(mm)	59.5	52.6
COMPRESSION RATIO		12:1	12:1
STARTING SYSTEM		RECOIL STARTER	
MAGNETO		CDI FLYWHEEL MAGNETO	
IGNITION TIMING	ADVANCED	21 BTDC(AT6000R.P.M.)	
LIGHTING COIL		12V/140W	
CYLINDER		ALUMINIUM WITH CAST IRON SLEEVE	
CARBURETOR	QUANTITY	TWO (2)	
	SIZE	BNO 42-38	BNO 38-34
LUBRICATING METHOD		MIXED OIL 15~20 (GASOLIN):1 (OIL)	
ROTATING DIRECTION		COUNTER-CLOCKWISE VIEWED FROM OUTPUT SHAFT SIDE	

Remark: The above specifications subject to change without notice.
This parts list applies to engines Nos. 300001~399999.

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MANUFACTURED EXCLUSIVELY
FOR CHAPARRAL BY XENOAH Co.
FORMERLY FUJI MOTOR CORP.
MADE IN JAPAN

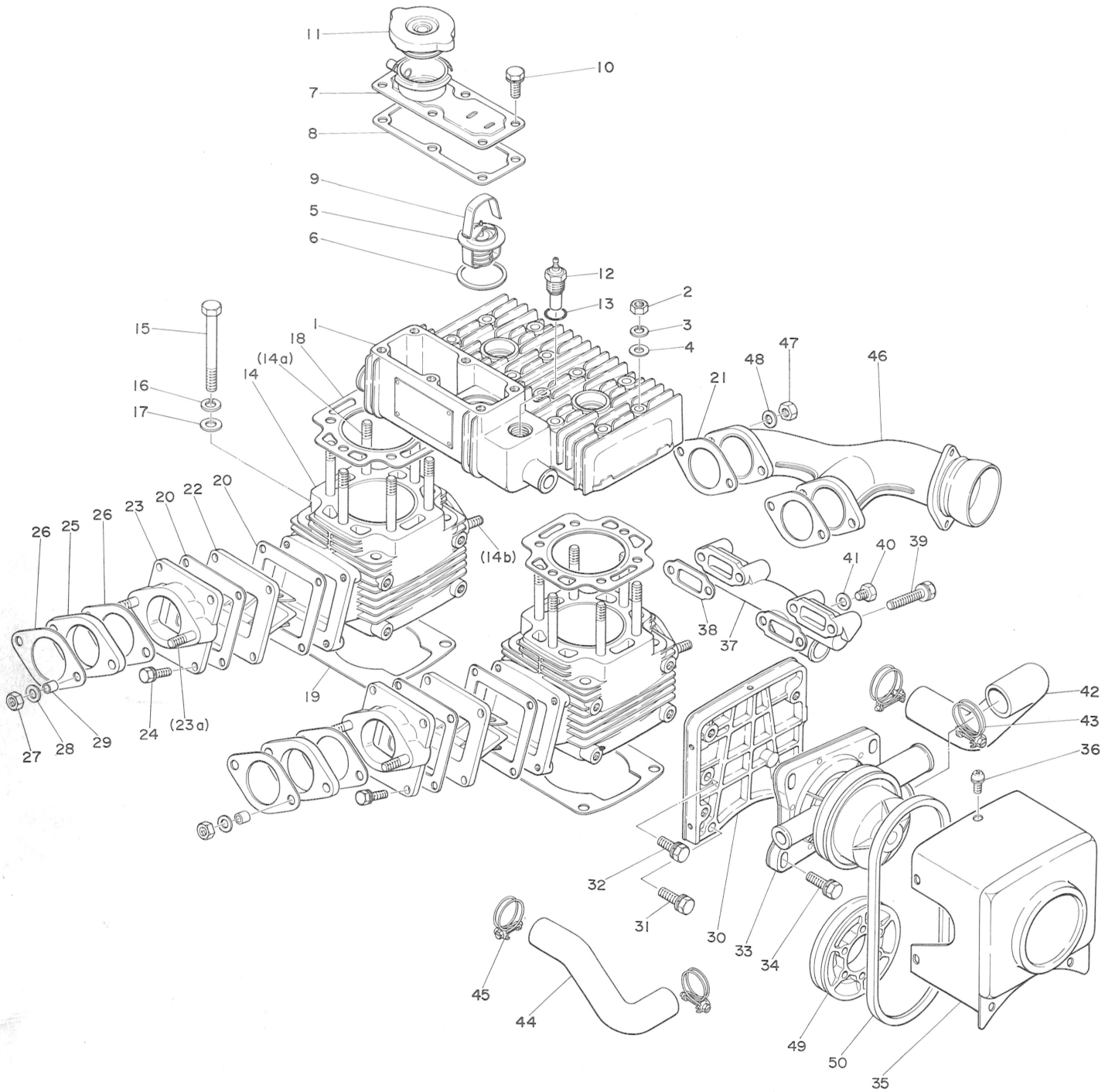


FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
1	CYLINDER HEAD, comp.	79091	2552-11100	1		
		79092	2553-11100		1	
2	NUT, cylinder head	78002	0280-10806	12	12	
3	SPRING WASHER	78003	2090-20820	12	12	
4	WASHER	78004	01641-20812	12	12	
5	THERMOSTAT	79614	2552-32110	1	1	
6	GASKET	79770	2552-32120	1	1	
7	COVER, thermostat	79615	2552-32210	1	1	
8	GASKET	79617	2552-32220	1	1	
9	STOPPER, thermostat	79619	2552-32230	1	1	
10	BOLT	79094	0224-10816	6	6	
11	FILLER CAP	79095	2552-32310	1	1	
12	SENDER UNIT	79096	2552-11210	1	1	
13	O-RING	79097	2552-11220	1	1	
14	CYLINDER, comp.	79623	2552-12100	2		
		79624	2553-12100		2	
14a	STUD, cylinder head	79508	0250-50860	12	12	
14b	STUD, exhaust	78161	0250-20820	4	4	
15	BOLT, cylinder	79626	2552-12210	8	8	
16	SPRING WASHER	78011	0290-21025	8	8	
17	WASHER	78012	01641-21016	8	8	
18	GASKET, cylinder head	79627	2552-15010	2		
		79628	2553-15010		2	
19	GASKET, cylinder base	78576	2576-15020	2		
		78445	2560-15020		2	
20	GASKET, reed valve	79631	2552-15030	4		
		79632	2553-15030		4	
21	GASKET, exhaust	78019	2585-15040	2	2	
22	REED VALVE, Ass'y	79633	2552-14100	2		
		79634	2553-14100		2	
23	INLET JOINT, comp.	79635	2552-15100	2		
		79636	2553-15100		2	
23a	STUD	78009	0250-20830	4	4	

FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
24	BOLT, inlet joint	79637	0224-50625	8	8	
25	INSULATOR	79638	2552-15210	2		
		79639	2553-15210		2	
26	GASKET, carburetor	78177	2583-15220	4		
		78178	2553-15220		4	
27	NUT, carburetor	78002	0280-10806	4	4	
28	WASHER	78004	01641-20812	4	4	
29	PIPE	78022	2583-15310	4	4	
30	BED PLATE	79655	2552-31210	1	1	
31	BOLT	78925	0224-50825	2	2	
32	BOLT	79656	0224-50820	2	2	
33	WATER PUMP, Ass'y	79098	2552-31100	1	1	
34	BOLT	79657	0224-30830	3	3	
35	COVER, waterer pump	79664	2552-31310	1	1	
36	SCREW	79377	0260-30610	4	4	
37	WATER MANIFOLD	79659	2552-33110	1	1	
38	GASKET, water manifold	79660	2552-33120	2	2	
39	BOLT	79100	0224-50845	4	4	
40	BOLT, drain	78762	0212-20810	1	1	
41	SEAL WASHER	79663	07005-00812	1	1	
42	WATER PIPE	79669	2552-33210	1	1	
43	CLAMP water pipe	79666	07280-03423	2	2	
44	BY-PASS PIPE	79670	2552-33310	1		
		79771	2553-33310		1	
45	CLAMP, by-pass pipe	79101	07280-02923	2	2	
46	EXHAUST MANIFOLD	51287-1	2576-95110	1		
		79772	2553-95110		1	
47	NUT	78002	0280-10806	4	4	
48	WASHER	78004	01641-20812	4	4	
49	PULLEY, drive	79102	2552-77110	1	1	
50	V-BELT	79103	2552-77210	1	1	

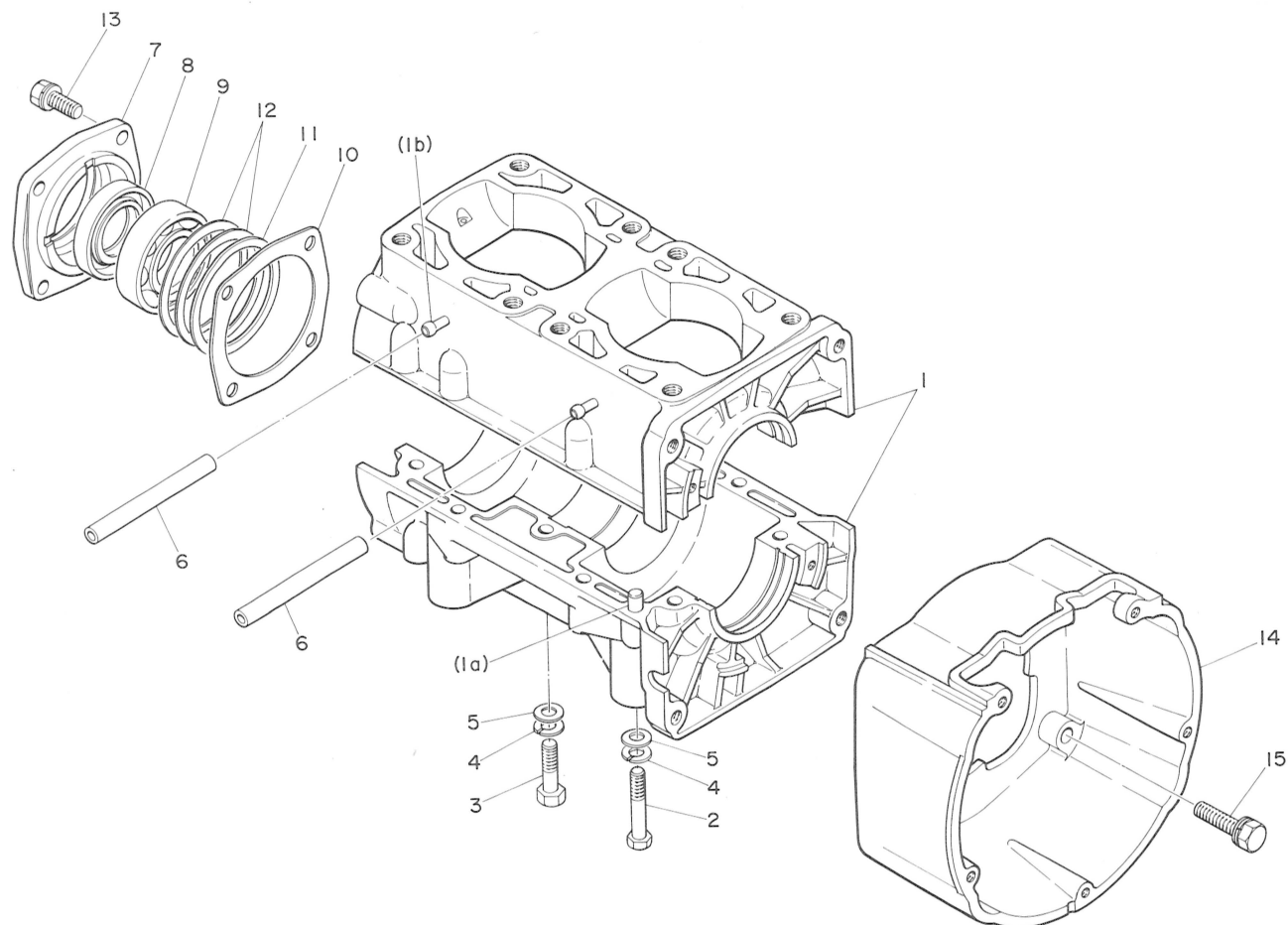


FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMAPKS
1	CRANK CASE, comp.	79640	2552-21100	1		
		79641	2553-21100		1	
1a	DOWEL PIN	78028	04020-00820	2	2	
1b	NIPPLE	79789	2552-21140	2	2	
2	BOLT	78030	0212-50875	4	6	
3	BOLT	78032	0212-50845	6	4	
4	SPRING WASHER	78003	0290-20820	10	10	
5	WASHER	78004	01641-20812	10	10	
6	PULSE PIPE	79773	2552-21421	2	2	
7	BEARING RETAINER	78587	2576-21810	1		
		78470	2574-21810		1	
8	OIL SEAL	78043	2587-21620	1	1	
9	BALL BEALING	78082	06030-06206	1		
10	GASKET, bearing retatainer	78044	2583-21820	1		
		78950	2574-21820		1	
11	THRUST PLATE 1.0t	79648	2567-21850	1		
		79649	2550-21850		1	
12	SHIM crankshaft 0.2t	79650	2576-21830	0-2		
		79651	2550-21830		0-2	
	0.3t	78591	2576-21840	0-2		
		78051	2587-21840		0-2	
13	BOLT	78925	0224-50825	4	4	
14	MAGNETO COVER	79653	2552-22110	1	1	
15	BOLT	78054	0224-30835	4	4	

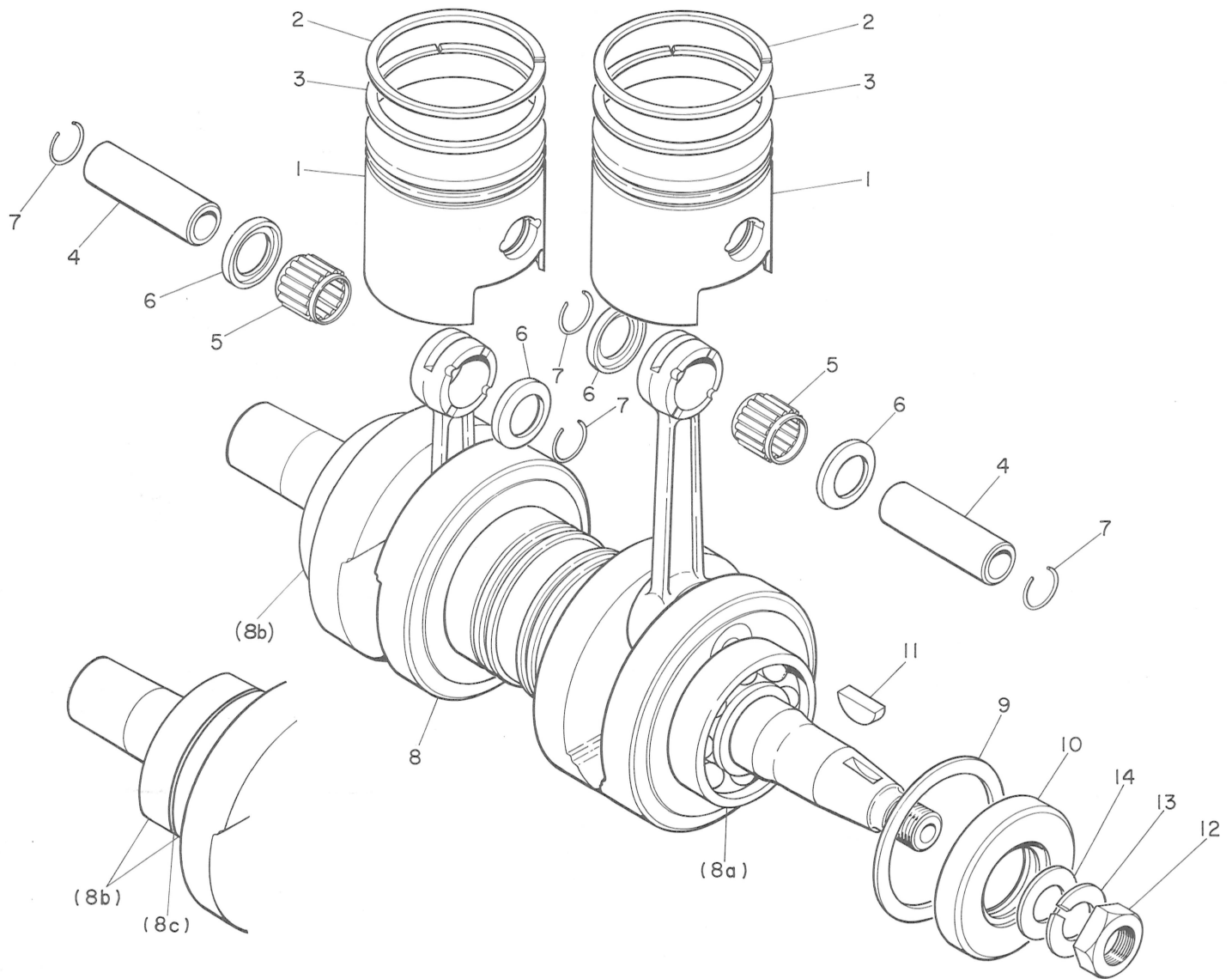


FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
1	PISTON (STD)	79104	2552-41111	2		
		79674	2553-41110		2	
	PISTON (0.5mm)	79676	2552-08010	2		
		79677	2553-08010		2	
	PISTON (1.0mm)	79679	2552-08020	2		
		79680	2553-08020		2	
2	PISTON RING, TOP (STD)	79682	2552-41210	2		
		79683	2553-41210		2	
	PISTON RING, TOP (0.5mm)	79685	2552-08030	2		
		79686	2553-08030		2	
	PISTON RING, TOP (1.0mm)	79688	2552-08040	2		
		79689	2553-08040		2	
3	PISTON RING, BOTTOM (STD)	79397	2567-41210	2		
		78965	2550-41210		2	
	PISTON RING, BOTTOM (0.5mm)	78968	2567-08030	2		
		78969	2550-08030		2	
	PISTON RING, BOTTOM (1.0mm)	78615	2567-08040	2		
		78972	2550-08040		2	
4	PISTON PIN	78622	2576-41310	2	2	
5	NEEDLE BEARING, piston pin	79344	2568-43110	2		
		78623	2576-43110		2	
6	THRUST WASHER	79108	2552-43120	4		
		78624	2576-43120		4	
7	SNAP RING, piston pin	78625	2576-41320	4	4	
8	CRANK SHAFT, comp	79347	2568-42000	1		
		79774	2553-42000		1	
8a	BALL BEARING, magneto side	78082	06030-06206	(1)	(1)	
8b	BALL BEARING, PTO side	78083	06030-06306	(1)		
		78082	06030-06206		(2)	
8c	SPACER	78534	2574-42350		(1)	
9	STOP RING	78085	2583-21710	1	1	
10	OIL SEAL, magneto side	78042	2583-21610	1	1	
11	KEY, magneto	78087	04010-00519	1	1	
12	NUT	78088	01583-11610	1	1	
13	SPRING WASHER	78089	0290-21640	1	1	
14	WASHER	78090	01641-21626	1	1	

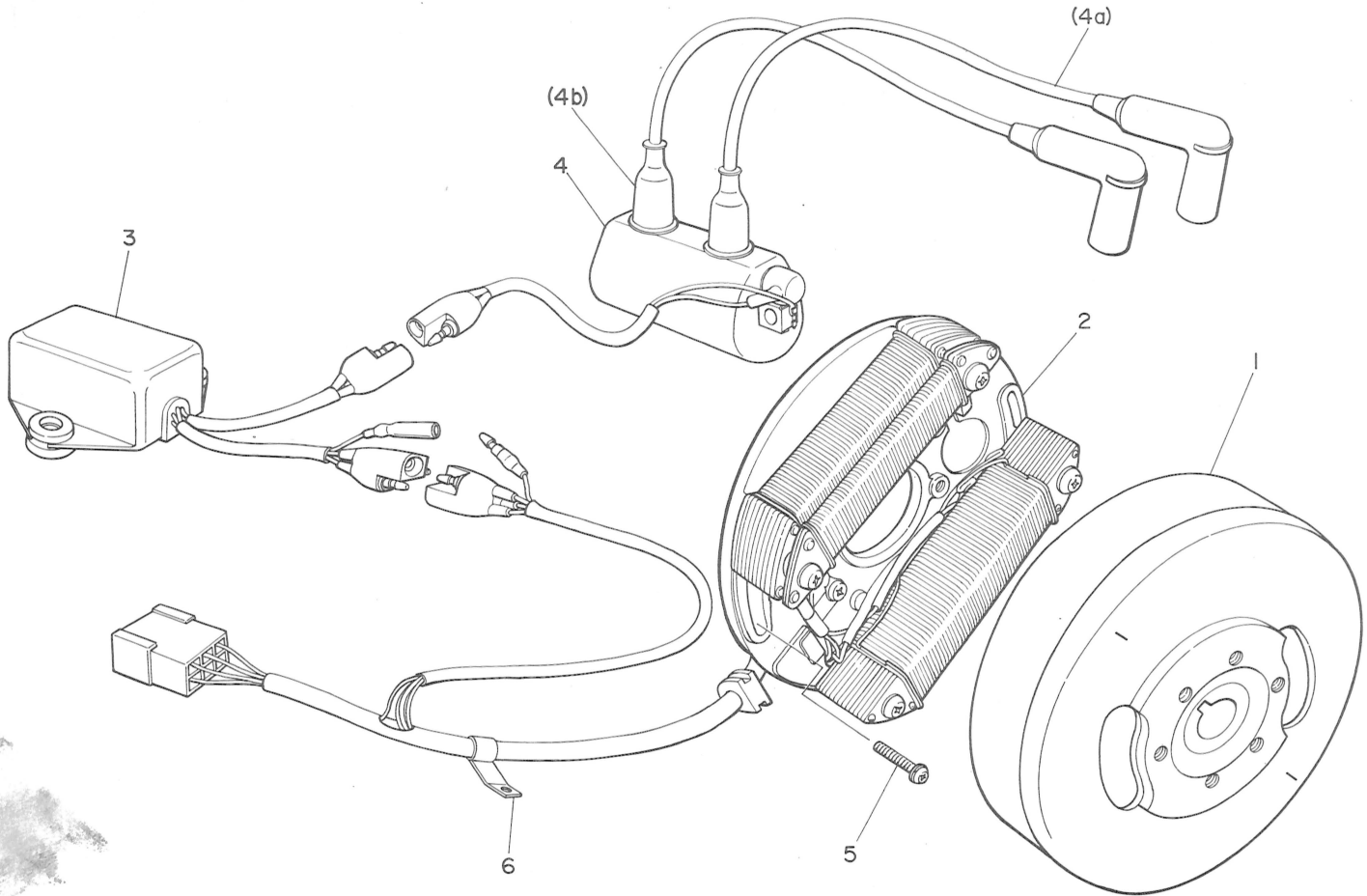


FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
	IGNITION SYSTEM	79761	2552-72000	1set	1set	
1	FLYWHEEL Ass'y	79762	2552-72100	1	1	
2	COIL PLATE Ass'y	79753	2552-72300	1	1	
3	CDI UNIT	78633	2578-72600	1	1	
4	IGNITION COIL	79360	2550-72700	1	1	
4a	IGNITION CORD W/T PLUG CAP	79775	2550-72720	2	2	
4b	CAP, ignition coil	78137	2583-72630	2	2	
5	SCREW	79362	2567-75110	2	2	
6	CLAMP	79106	1520-71120	1	1	

FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
1	PISTON (STD)	79104	2552-41111	2		
		79674	2553-41110		2	
	PISTON (0.5mm)	79676	2552-08010	2		
		79677	2553-08010		2	
	PISTON (1.0mm)	79679	2552-08020	2		
		79680	2553-08020		2	
2	PISTON RING, TOP (STD)	79682	2552-41210	2		
		79683	2553-41210		2	
	PISTON RING, TOP (0.5mm)	79685	2552-08030	2		
		79686	2553-08030		2	
	PISTON RING, TOP (1.0mm)	79688	2552-08040	2		
		79689	2553-08040		2	
3	PISTON RING, BOTTOM (STD)	79397	2567-41210	2		
		78965	2550-41210		2	
	PISTON RING, BOTTOM (0.5mm)	78968	2567-08030	2		
		78969	2550-08030		2	
	PISTON RING, BOTTOM (1.0mm)	78615	2567-08040	2		
		78972	2550-08040		2	
4	PISTON PIN	78622	2576-41310	2	2	
5	NEEDLE BEARING, piston pin	79344	2568-43110	2		
		78623	2576-43110		2	
6	THRUST WASHER	79108	2552-43120	4		
		78624	2576-43120		4	
7	SNAP RING, piston pin	78625	2576-41320	4	4	
8	CRANK SHAFT, comp	79347	2568-42000	1		
		79774	2553-42000		1	
8a	BALL BEARING, magneto side	78082	06030-06206	(1)	(1)	
8b	BALL BEARING, PTO side	78083	06030-06306	(1)		
		78082	06030-06206		(2)	
8c	SPACER	78534	2574-42350		(1)	
9	STOP RING	78085	2583-21710	1	1	
10	OIL SEAL, magneto side	78042	2583-21610	1	1	
11	KEY, magneto	78087	04010-00519	1	1	
12	NUT	78088	01583-11610	1	1	
13	SPRING WASHER	78089	0290-21640	1	1	
14	WASHER	78090	01641-21626	1	1	

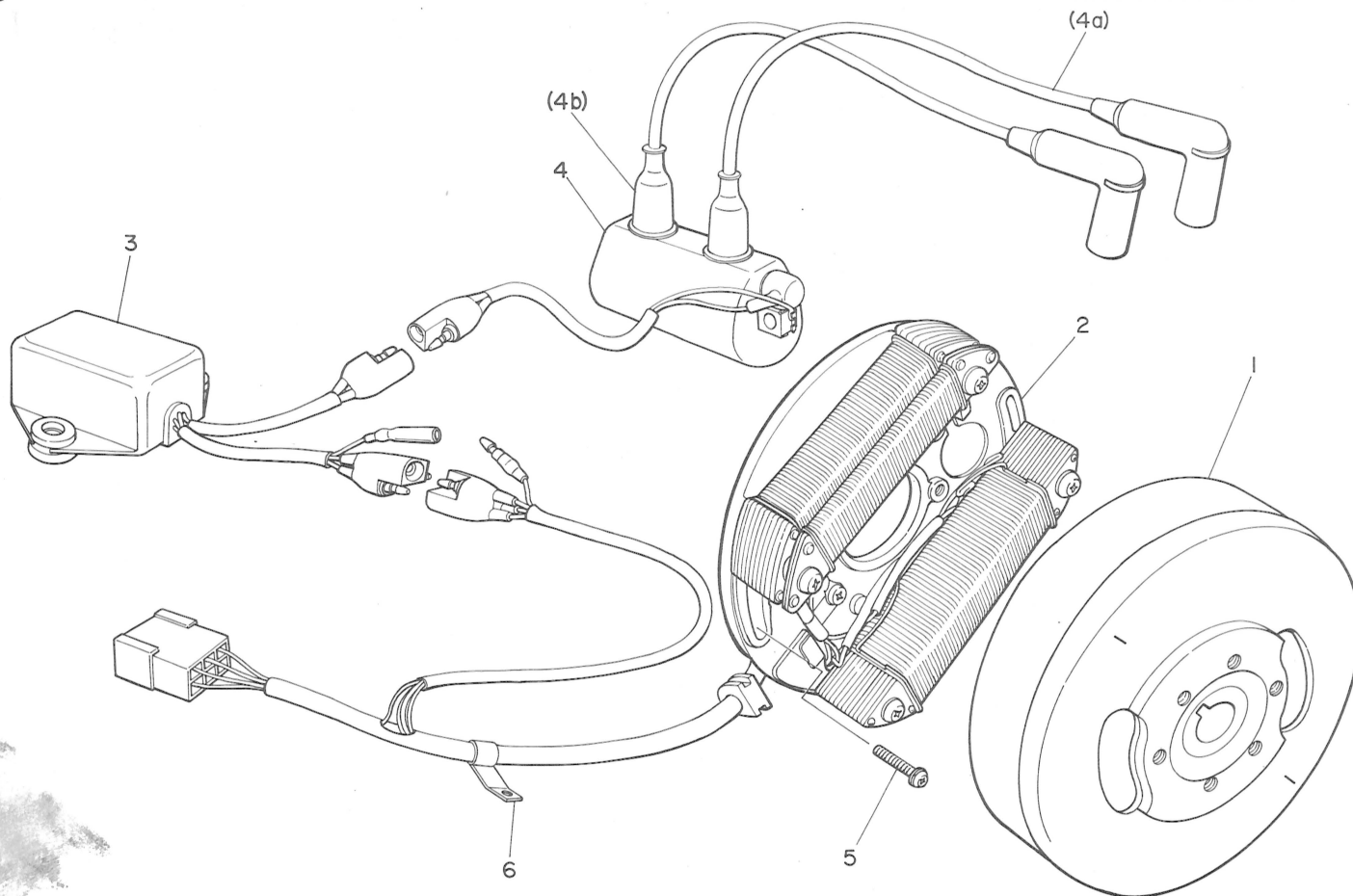


FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
	IGNITION SYSTEM	79761	2552-72000	1 set	1 set	
1	FLYWHEEL Ass'y	79762	2552-72100	1	1	
2	COIL PLATE Ass'y	79753	2552-72300	1	1	
3	CDI UNIT	78633	2578-72600	1	1	
4	IGNITION COIL	79360	2550-72700	1	1	
4a	IGNITION CORD W/T PLUG CAP	79775	2550-72720	2	2	
4b	CAP, ignition coil	78137	2583-72630	2	2	
5	SCREW	79362	2567-75110	2	2	
6	CLAMP	79106	1520-71120	1	1	

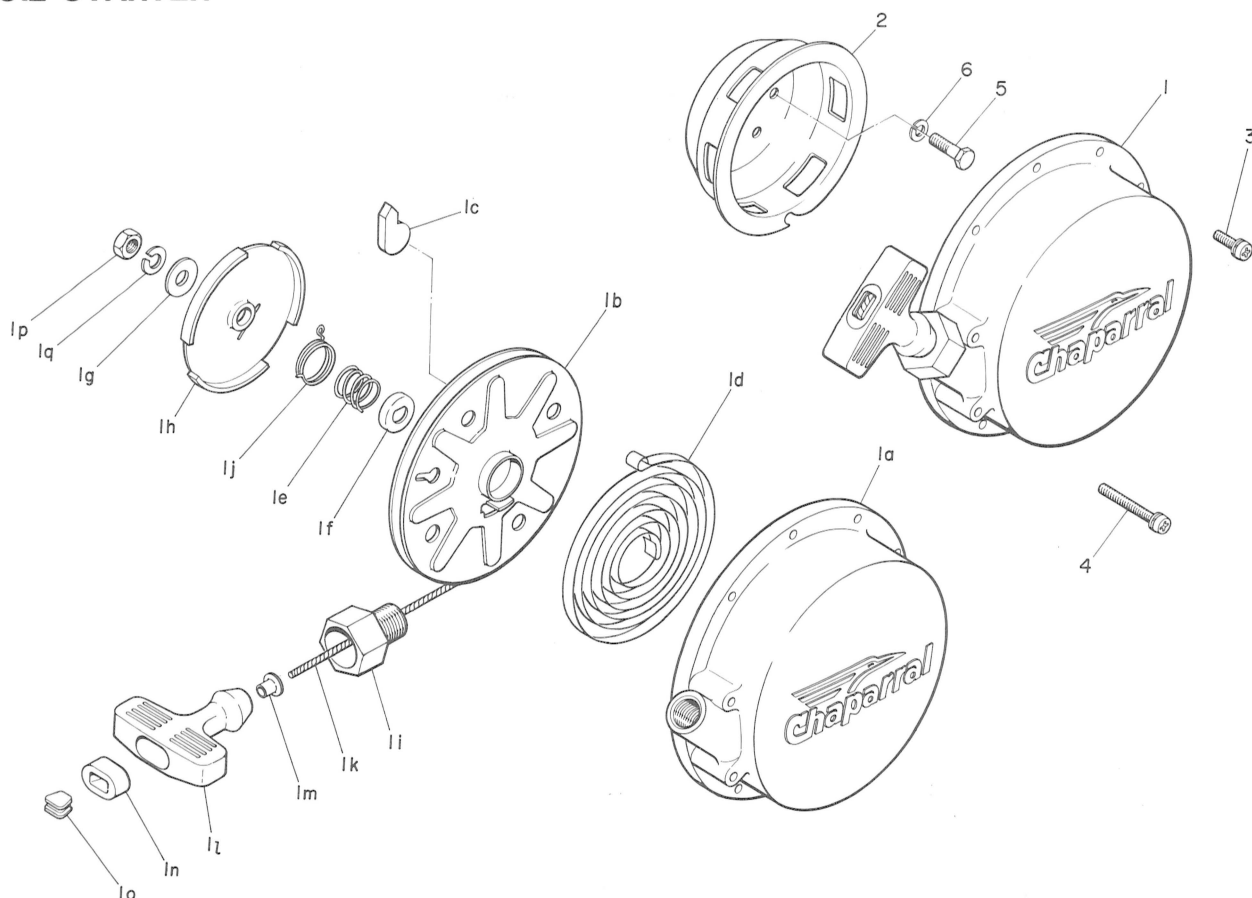


FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
	RECOIL STARTER Ass'y	79756	2552-78000	1	1	1 -2
1	RECOIL Ass'y	79367	2567-78100	1	1	
1a	RECOIL COVER	79368	2567-78110	1	1	
1b	REEL	78104	2583-78120	1	1	
1c	RATCHET	78105	2583-78130	3	3	
1d	SPIRAL SPRING	78106	2583-78140	1	1	
1e	FRICTION SPRING	78107	2583-78150	1	1	
1f	WASHER	78108	2583-78160	1	1	
1g	THRUST WASHER	78109	2583-78170	1	1	
1h	FRICTION PLATE	78110	2583-78180	1	1	
1i	ROPE GIDE case	78111	2583-78190	1	1	
1j	RETURN SPRING	78112	2583-78210	1	1	
1k	WIRE ROPE	78113	2583-78220	1	1	
1l	HANDLE	78114	2583-78230	1	1	
1m	ROPE GUIDE handle	78115	2583-78240	1	1	
1n	ROPE STOPPER "A"	78116	2583-78250	1	1	
1o	ROPE STOPPER "B"	78117	2583-78260	1	1	
1p	NUT	78118	2583-78270	1	1	
1q	SPRING WASHER	78119	2583-78280	1	1	
2	STARER PULLEY	79752	2552-78410	1	1	
3	SCREW	78121	0260-30620	4	4	
4	SCREW	78122	0260-30650	1	1	
5	BOLT	79107	0212-50630	6	6	
6	SPRING WASHER	78124	0290-20615	6	6	

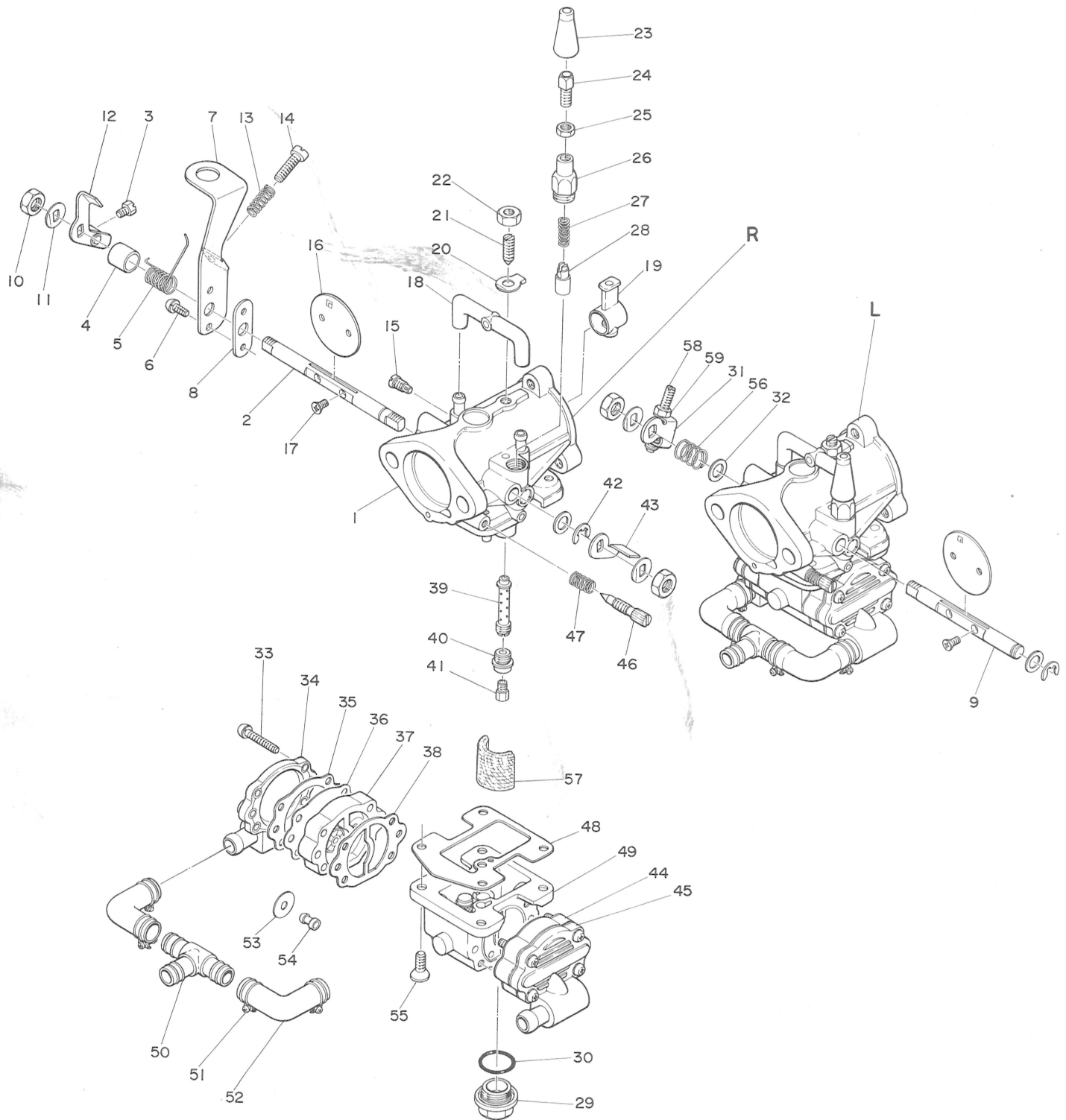


FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
	CARBURETOR, Ass'y		2552-81000	1		
			2553-81000		1	
R	CARBURETOR, right Ass'y	741277-11	2552-81100	1		
		740277-5	2553-81100		1	
L	CARBURETOR, left Ass'y	741277-9	2552-81200	1		
		740277-3	2553-81200		1	
1	MIXING BODY		2552-81110	2		
			2553-81110		2	
2	THROTTLE SHAFT		2552-81370	1		
			2553-81290		1	
3	BOLT		2575-81460	1	1	
4	RING		2575-81440	1	1	
5	THROTTLE SPRING		2575-81430	1	1	
6	BRACKET SET SCREW		2567-81280	2	2	
7	BRACKET		2567-81360	1	1	
8	PLATE		2567-81350	1		
9	THROTTLE SHAFT		2567-81420	1		
			2575-81140		1	
10	NUT		2575-81130	3	3	
11	WASHER		2575-81120	3	3	
12	THROTTLE LEVER	79408	2567-81390	1	1	
13	SPRING		2575-81280	1	1	
14	IDLE SPEED ADJUSTMENT SCREW		2575-81270	1	1	
15	SLOW JET		2567-81680	2	2	
16	THROTTLE VALE		2567-81130	2		
			2575-81640		2	
17	SCREW		2575-81310	4	4	
18	AIR VENT PIPE		2567-81250	2		
			2553-81220		2	
19	INNER VENTURI Ass'y		2552-81170	2		
			2553-81140		2	
20	WASHER		2567-81260	2		
			2575-81650		2	
21	SET SCREW		2567-81150	2		
			2575-81170		2	
22	NUT		2575-81130	2		
			2575-81160		2	
23	CAP		2567-81170	2	2	
24	CABLE GUIDE		2531-81130	2	2	
25	NUT		2537-81140	2	2	
26	GUIDE HOLDER		2567-81210	2		
			2569-81690		2	
27	STARTER VALVE SPRING		2567-81220	2	2	
28	PLUNGER Ass'y		2567-81230	2		
			2569-81180		2	
29	GUIDE SCREW		2552-81590	2	2	
30	O-RING		2552-81570	2	2	

FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
31	THROTTLE LEVER Ass'y	79125	2552-81230	1	1	
32	WASHER		2575-81190	4	3	
33	PUMP SET SCREW		2552-81730	16	16	
34	PUMP COVER		2552-81810	2	2	
35	GASKET		2552-81710	4	4	
36	DIAPHRAGM (PUMP)		2552-81690	4	4	
37	PUMP BODY		2552-81780	2	2	
38	GASKET		2552-81650	4	4	
39	MAIN NOZZLE		2552-81610	2		
			2553-81490		2	
40	HOLDER		2553-81480		2	
41	MAIN JET STD (#290)	79110	2552-81580	2		
	STD (#240)	79111	2553-81570		2	
	1 step rich (#300)	79112	2552-08120	2		
	(#250)	79116	2552-08130		2	
	1 step lean (#280)	79114	2552-08110	2		
	(#230)	79117	2553-08140		2	
	high altitude (#250)	79116	2552-08130	2		
	(#260)	79113	2552-08140	2		
	(#270)	79118	2552-08150	2		
	(#200)	79119	2553-08120		2	
	(#210)	79120	2553-08130		2	
	(#220)	79115	2553-08110		2	
42	E-RING		2575-81210	2	2	
43	THROTTLE LEVER		2552-81240	1	1	
44	PUMP BODY		2552-81660	2	2	
45	PUMP COVER		2552-81720	2	2	
46	SLOW ADJUSTING SCREW		2575-81380	2	2	
47	SPRING		2575-81370	2	2	
48	GASKET		2552-81510	2		
			2553-81520		2	
49	OVER FLOW CHAMBER	79124	2552-81640	2		
		79126	2553-81510		2	
50	NIPPLE		2552-81770	2	2	
51	SPRING CLIP		2552-81750	8	8	
52	HOSE		2552-81760	4	4	
53	CHECK VALVE		2552-81670	8	8	
54	VALVE PIN		2567-81640	8	8	
55	SCREW		2567-81670	8	8	
56	SPRING		2552-81220	1	1	
57	FILTER		2567-81710	2	2	
58	SCREW		2552-81830	1	1	
59	NUT		2552-81840	1	1	

FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
	MINOR KIT	79786	2552-06010 2553-06010			FIG. NO. 30 35,36,38, 48,53,54,
	MAJOR KIT	79790	2552-06020 2553-06020			FIG. NO. 3, 13,14,18, 23,24,25, 26,27,28, 29,33,39, 46,47,50, 51,52,55, 57,58,59,

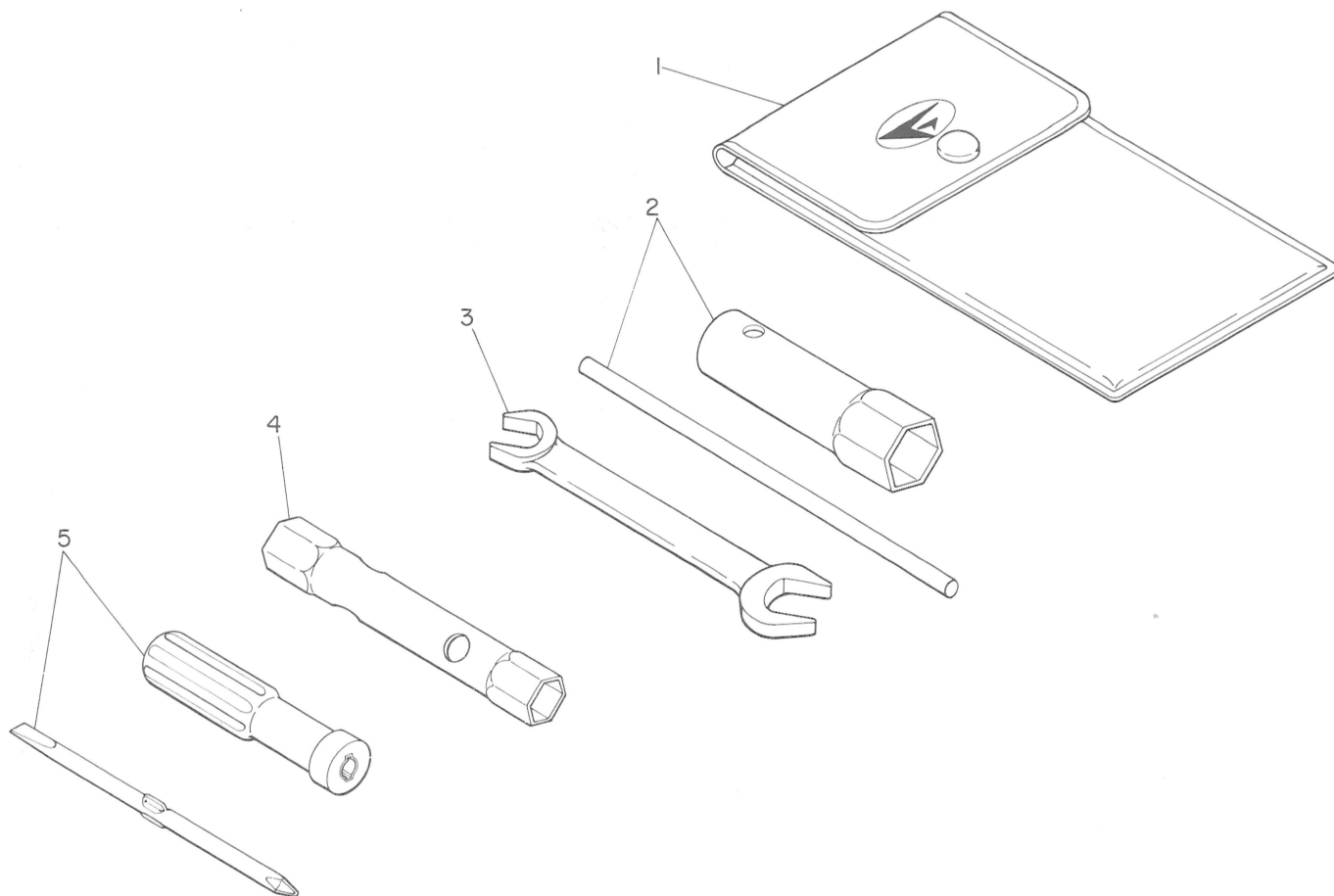


FIG. NO.	DESCRIPTION	CHAPARRAL NO.	XENOAH NO.	G44BW	G34BW	REMARKS
1	TOOL BAG	78125	1030-91110	1	1	
2	PLUG-WRENCH	78126	0900-02100	1	1	
3	13mm-14mm WRENCH	78561	2575-91210	1	1	
4	10mm-13mm WRENCH	78128	2583-91140	1	1	
5	SCREW DRIVERS	78129	1030-91340	1	1	



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