

WISCONSIN ROBIN
WR-W1-230PM
REV DATE: 01-92

Engine Model W1-230

Standard Specification 800818

Introduction

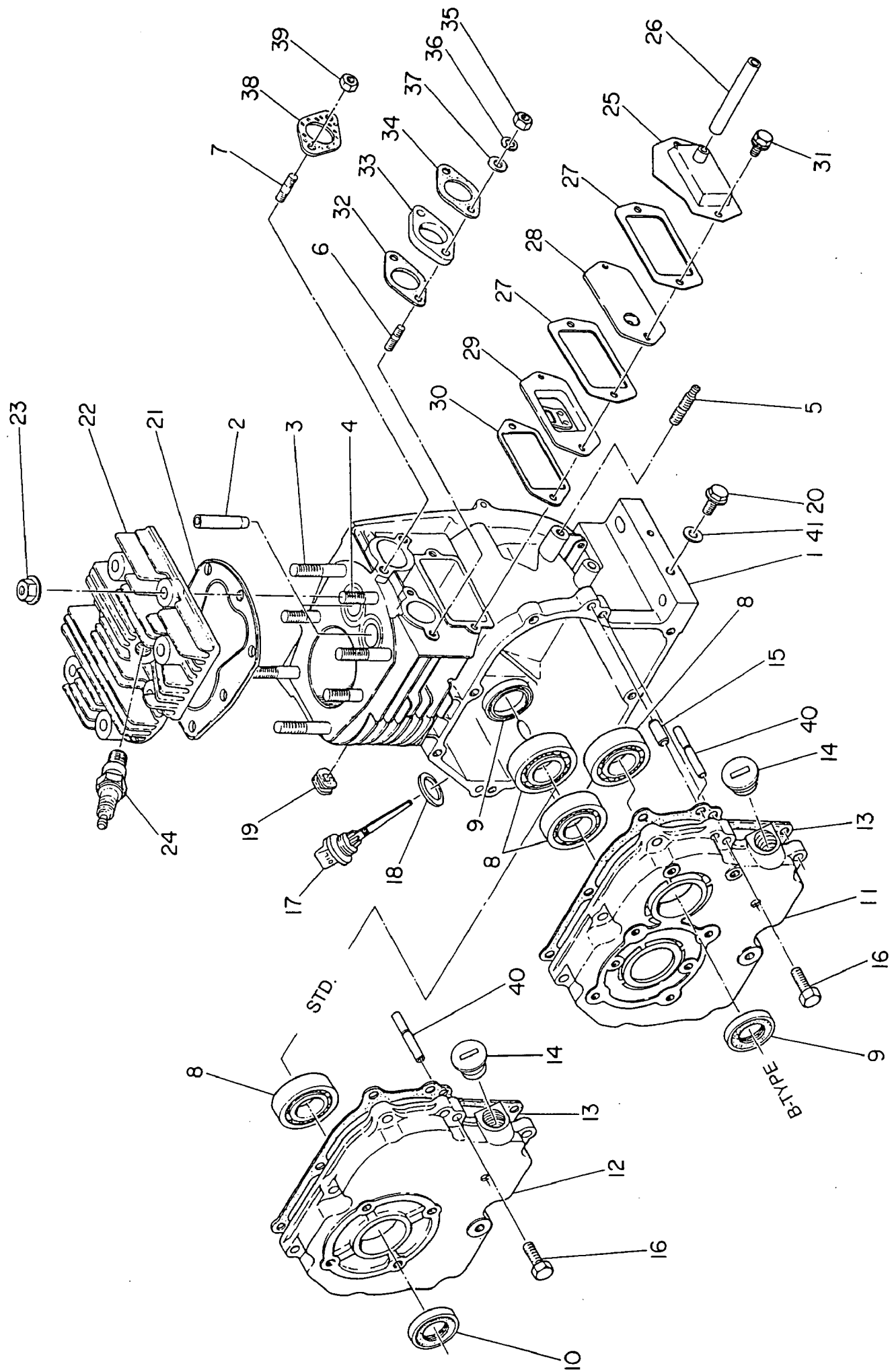
This catalog is designed to identify **Wisconsin Robin** parts.

When ordering parts, it is always advisable to list the engine model, specification number and serial number. With this information, we can check your order for any incorrect part numbers. Use your Service Parts List to ensure proper part number and nomenclature identification.

TELEDYNE TOTAL POWER reserves the right to modify, alter and improve engines and parts. Part numbers and the structure of parts may change from those shown in this catalog.

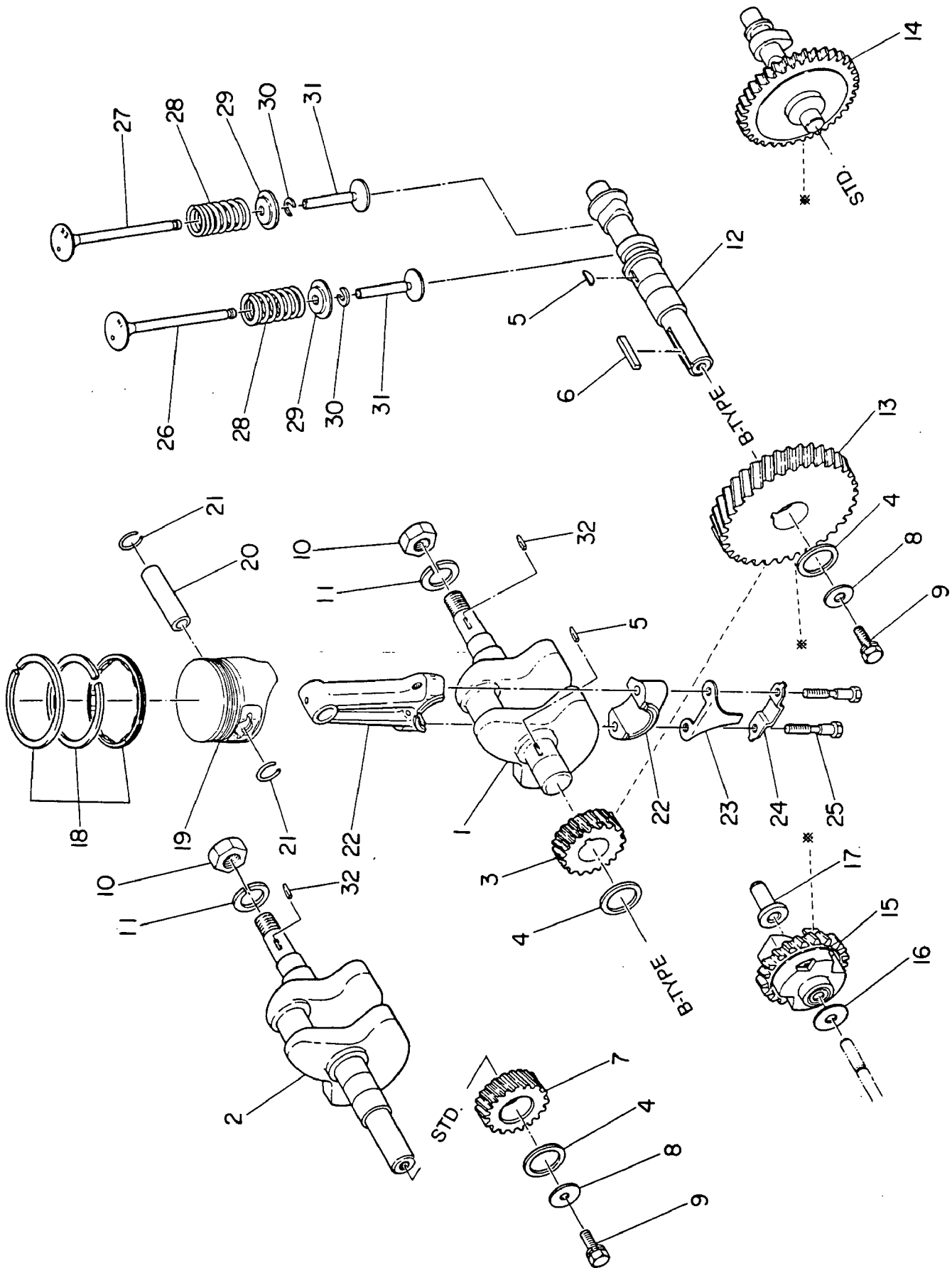
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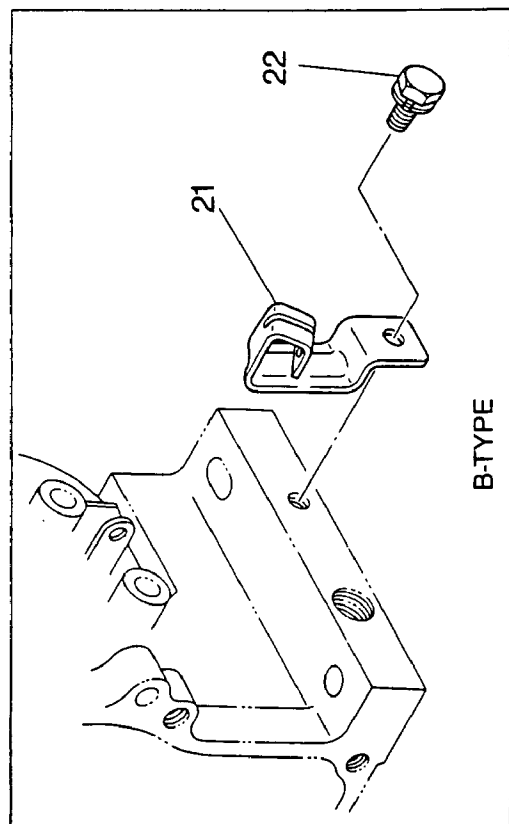
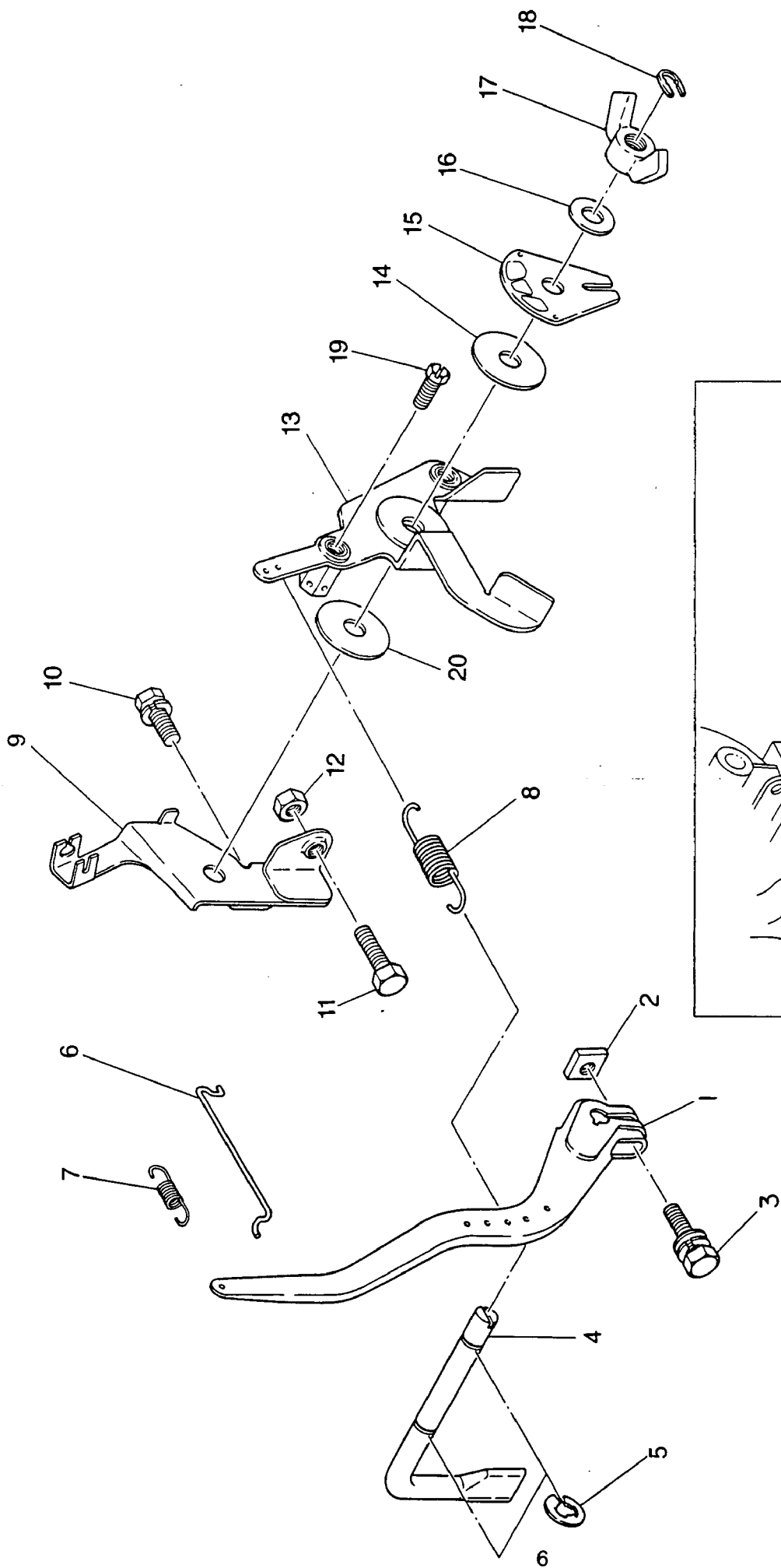
1. CRANKCASE

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2321010111	CRANKCASE (includes 2-9 & 15)	1
2	EY2141420403	VALVE GUIDE	2
3	EY0105100050	STUD, HEAD	4
4	EY0105100060	STUD, HEAD	3
5	EY0105080120	STUD	1
6	EY0013106351	STUD, CARBURETOR	2
7	EY0013108251	STUD, MUFFLER	2
8	EY0600250010	BALL BEARING	3
9	EY0442500070	OIL SEAL	2
10	EY0442500020	OIL SEAL (std. only)	1
11	EY2141090111	GEAR COVER (B type)	1
12	EY2141100211	GEAR COVER (std.)	1
13	EY2141600103	GASKET, GEAR COVER	1
14	EY0420220010	PLUG, RUBBER	1
15	EY0310080020	DOWEL PIN	2
16	EY0016608250	BOLT	8
17	EY2146360113	DIPSTICK	1
18	EY0213200010	GASKET	2
19	EY2277500103	GROMMET	1
20	EY0401140030	PLUG	1
21	EY2321500101	GASKET, HEAD	1
22	EY2321300113	CYLINDER HEAD	1
23	EY0023810000	FLANGE NUT	7
24	EY0650140190	SPARK PLUG	1
25	EY2141440101	TAPPET COVER	1
26	EY0851080000	RUBBER HOSE	1
27	EY2141600603	GASKET, TAPPET COVER	1
28	EY2321600303	OIL SHELTER PLATE	1
29	EY2321430101	BREATHER PLATE	1
30	EY2141600713	GASKET, BREATHER PLATE	1
31	EY0010006160	BOLT & WASHER ASSY	2
32	EY2063600103	GASKET, INSULATOR	1
33	EY2063290103	INSULATOR	1
34	EY2143500103	GASKET, INSULATOR	1
35	EY0022806000	NUT	2
36	EY0032006000	SPRING WASHER	2
37	EY0031006000	WASHER	2
38	EY2143520111	GASKET, EXHAUST	1
39	EY0021908000	NUT	1
40	-----	GOVERNOR SHAFT	1
41	EY0211140020	GASKET	2
	EY2329900207	GASKET SET (includes 9,10,13,18,21,27,30, 32,34,38,41 & page 13 ref.# 2)	1



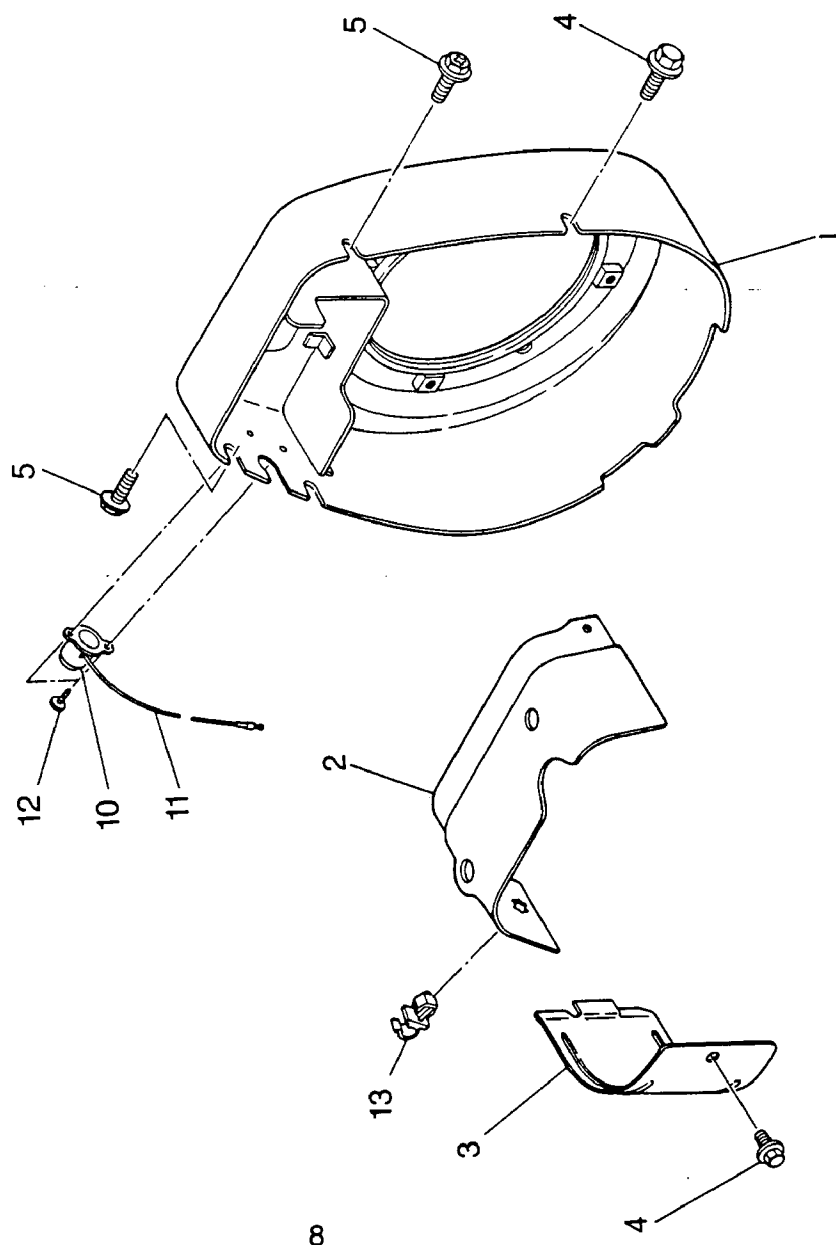
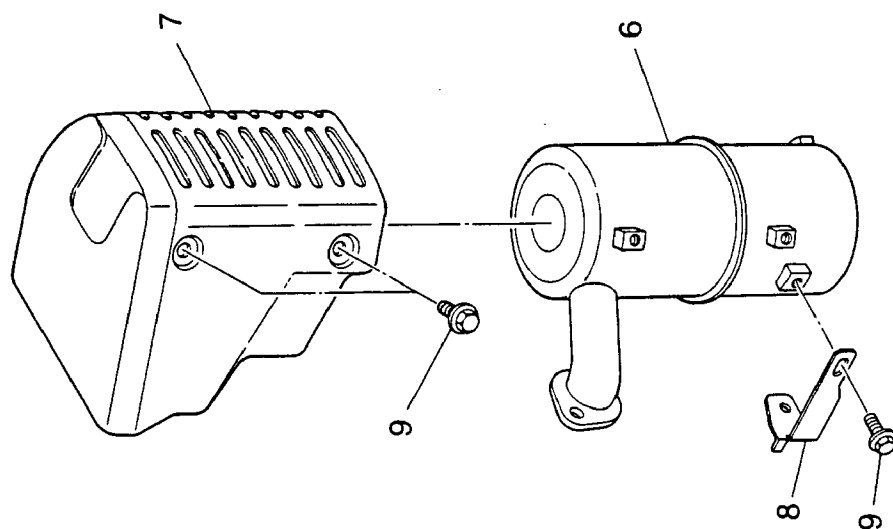
2. CRANKSHAFT, CAMSHAFT AND PISTON

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2322010101	CRANKSHAFT COMPLETE (B type)	1
2	EY2322090101	CRANKSHAFT COMPLETE (std.)	1
3	-----	GEAR, CRANKSHAFT	1
4	EY0230250110	SPACER - t=0.6, select one (std.)	1
	EY0230250120	SPACER - t=0.8, select one (std.)	1
	EY0230250130	SPACER - t=1.0, select one (std.)	1
	EY0230250110	SPACER - t=0.6, select one (B type)	1
	EY0230250120	SPACER - t=0.8, select one (B type)	1
	EY0230250130	SPACER - t=1.0, select one (B type)	1
5	EY0323030010	WOODRUFF KEY (B type)	2
6	EY0053005301	KEY (B type)	1
7	-----	GEAR, CRANKSHAFT	1
8	EY0200080050	WASHER (B type)	1
9	EY0011308160	BOLT & WASHER ASSY. (B type)	1
10	EY0021814000	NUT	1
11	EY0032014000	SPRING WASHER	1
12	EY2323160111	CAMSHAFT (B type) includes 5 & 13	1
13	EY2323320123	GEAR, CAMSHAFT	1
14	EY2323170103	CAMSHAFT (std.)	1
15	EY2144500101	GOVERNOR GEAR	1
16	EY0230060010	SPACER	1
17	EY2054190103	GOVERNOR SLEEVE	1
18	EY2322350107	PISTON RING SET, STANDARD	1
	EY2322350207	PISTON RING SET, OVERSIZE-0.010" (0.25mm)	1
	EY2322350307	PISTON RING SET, OVERSIZE-0.020" (0.50mm)	1
19	EY2322340113	PISTON STANDARD	1
	EY2322340203	PISTON, OVERSIZE-0.010" (0.25mm)	1
	EY2322340303	PISTON, OVERSIZE-0.020" (0.50mm)	1
20	EY2142330103	PISTON PIN	1
21	EY0565140010	CLIP	2
22	EY2322250100	CONNECTING ROD (includes 23-25)	1
23	EY2322310113	OIL SCRAPER	1
24	EY2142320103	ROD LOCK WASHER	1
25	EY2142300113	CONNECTING ROD BOLT	2
26	EY2143340103	INTAKE VALVE	1
27	EY2143350103	EXHAUST VALVE	1
28	EY2063360103	VALVE SPRING	2
29	EY2063370113	SPRING RETAINER	2
30	EY2143380103	RETAINER LOCK	2
31	EY2143330103	TAPPET	2
32	EY0323030050	WOODRUFF KEY	1



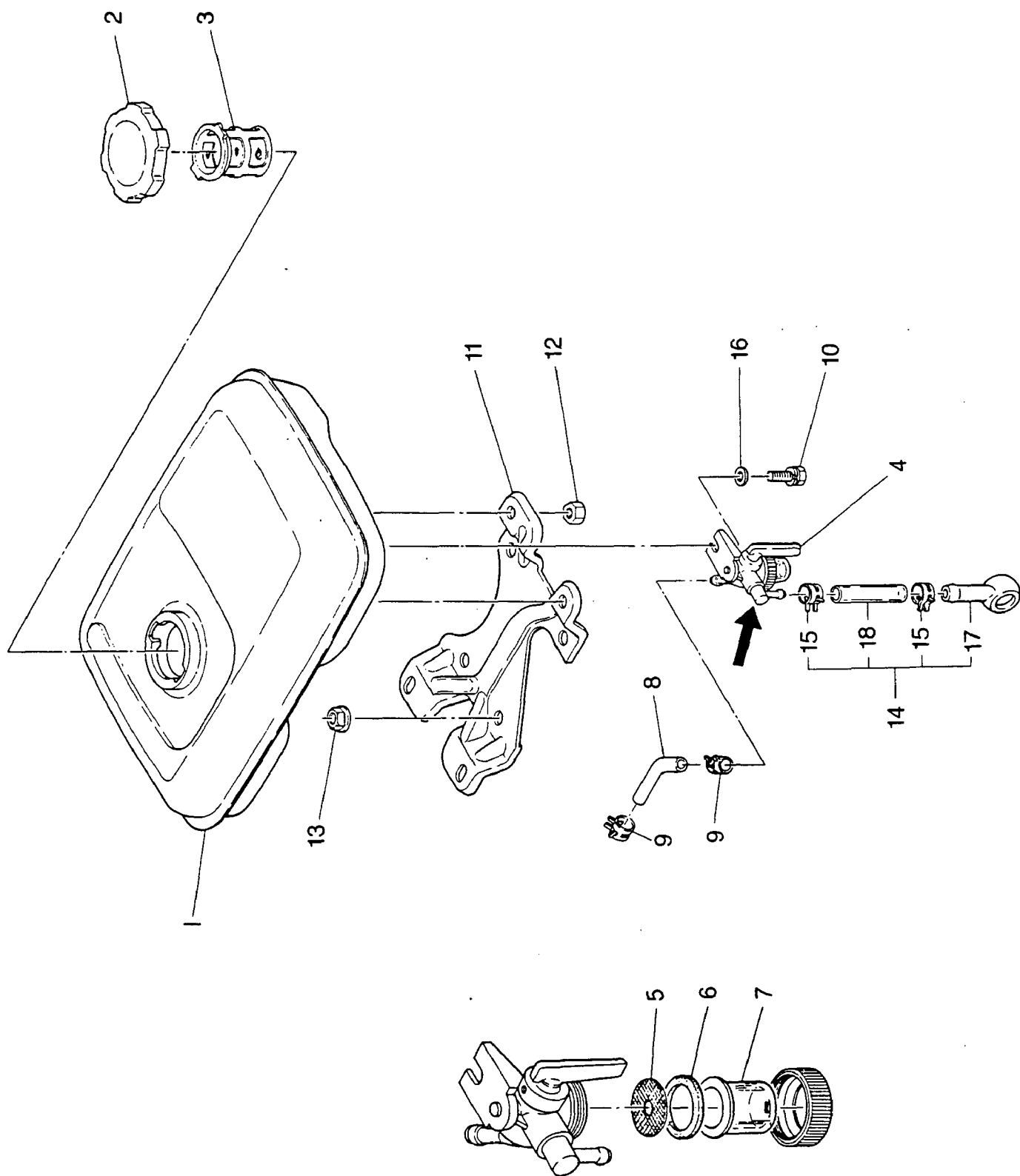
3. GOVERNOR

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2142310101	GOVERNOR LEVER	1
2	EY0186060020	NUT	1
3	EY0011406250	BOLT & WASHER ASSY.	1
4	EY2144220123	GOVERNOR SHAFT	1
5	EY0031306000	CLIP	2
6	EY2144270101	GOVERNOR ROD	1
7	EY2274280101	ROD SPRING	1
8	EY2144250101	GOVERNOR SPRING	1
9	EY2144700121	BACK PLATE	1
10	EY0011006100	BOLT & WASHER ASSY.	1
11	EY0016505250	BOLT	1
12	EY0022705000	NUT	1
13	EY2144330231	SPEED CONTROL (std.)	1
	EY2144331901	SPEED CONTROL (B type)	1
14	EY2144800103	FRICTION WASHER	1
15	EY2144350121	STOP PLATE	1
16	EY0031008000	WASHER	1
17	EY0179080012	WING NUT	1
18	EY0565040010	CLIP	1
19	EY0116040010	BOLT	1
20	EY0200080010	WASHER	1
21	EY0011006120	BOLT & WASHER ASSY. (B type)	1
22	EY2144420101	WIRE BRACKET (B type)	1
	EY2324231007	GOVERNOR LEVER AND SHAFT SET (includes 1-5)	1
	EY2324250107	GOVERNOR SPRING AND ROD SET (includes 6-8)	1
	EY2324700107	BACK PLATE SET (includes 9-12)	1
	EY2324330207	SPEED CONTROL SET (std.) (includes 13-20)	1
	EY2324331907	SPEED CONTROL SET (B type) (includes 13-20)	1



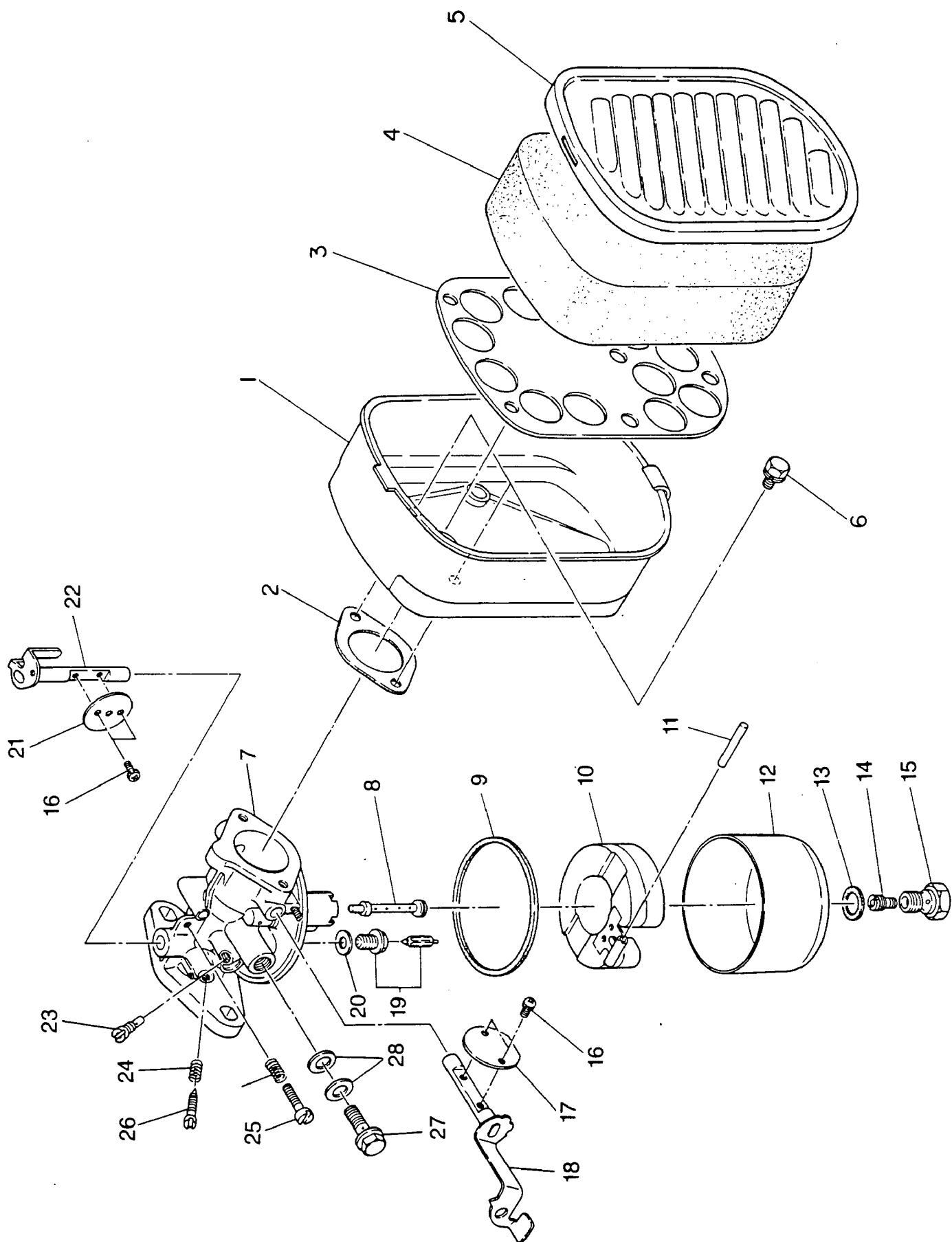
4. AIR SHROUD AND MUFFLER

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2325125007	AIR SHROUD (std.)	1
	EY2325115007	AIR SHROUD (B type)	1
2	EY2325270103	HEAD COVER	1
3	EY2145330103	CYLINDER BAFFLE	1
4	EY0110060020	FLANGE BOLT	5
5	EY0152050010	TAPPING SCREW	1
6	EY2143040101	MUFFLER	1
7	EY2323420101	MUFFLER COVER	1
8	EY2143530101	MUFFLER BRACKET	1
9	EY0110060010	FLANGE BOLT	4
10	EY0662000011	STOP BUTTON	1
11	EY2147320101	WIRE	1
12	EY0150040010	TAPPING SCREW	2
13	EY0566000190	CLAMP	1



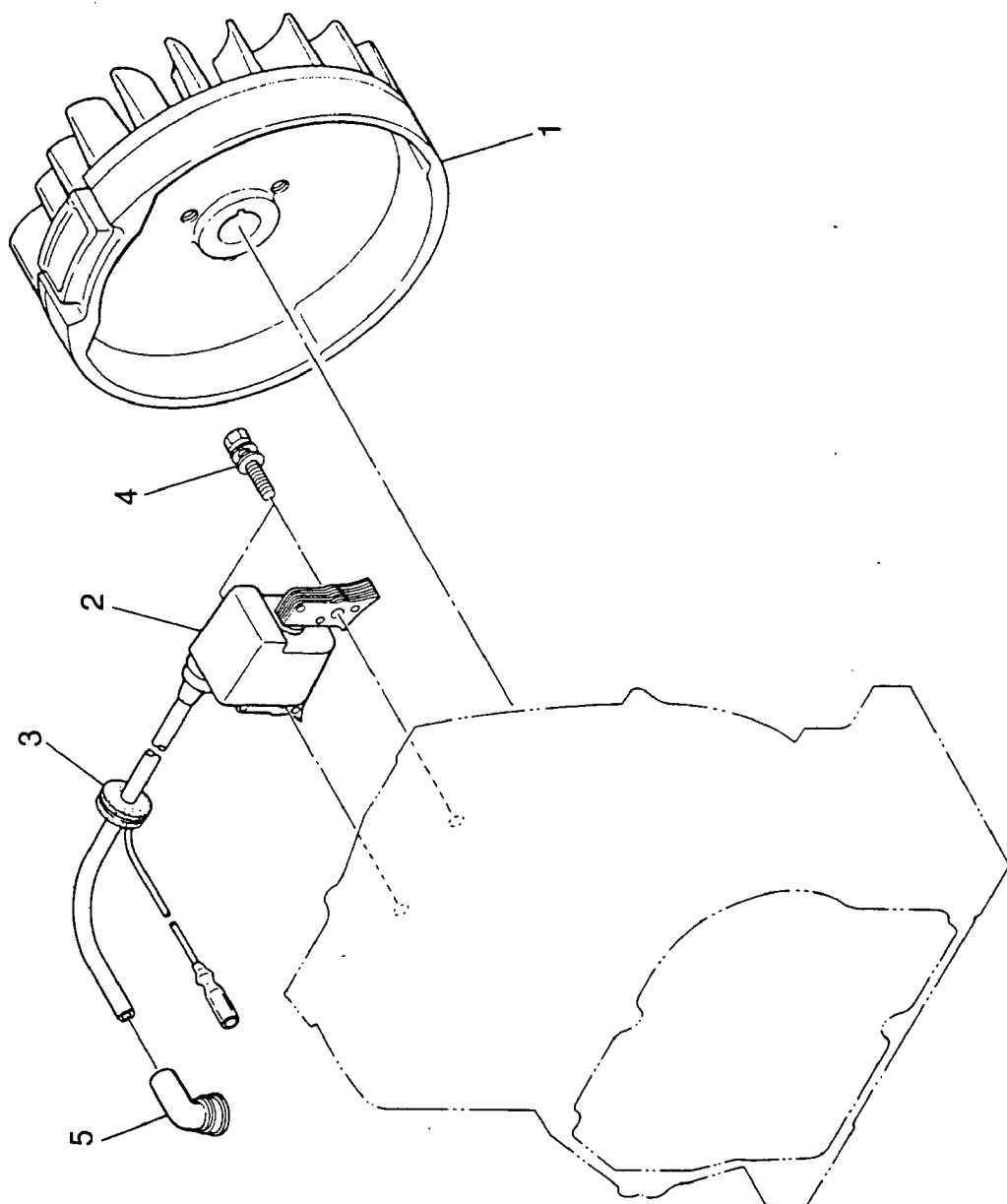
5. FUEL TANK

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2326011607	FUEL TANK	1
2	EY0430430015	FUEL TANK CAP	1
3	EY0641360010	FUEL FILTER	1
4	EY0642003700	FUEL STRAINER (includes 6-8)	1
5	EY0642000220	SCREEN	1
6	EY0642000230	RUBBER PACKING	1
7	EY0642001610	CUP	1
8	EY0851060000	RUBBER HOSE	1
9	EY0561110020	HOSE CLAMP	2
10	EY0011006120	BOLT & WASHER ASSY.	1
11	EY2146160111	TANK BRACKET	1
12	EY0021708000	NUT	4
13	EY0023810000	FLANGE NUT	4
14	EY2326260101	FUEL LINE (includes 15,17 & 18)	1
15	EY0561100030	HOSE CLAMP	2
16	EY0031006000	WASHER	1
17	EY0521060100	BANJO	1
18	EY0851040000	RUBBER HOSE	1



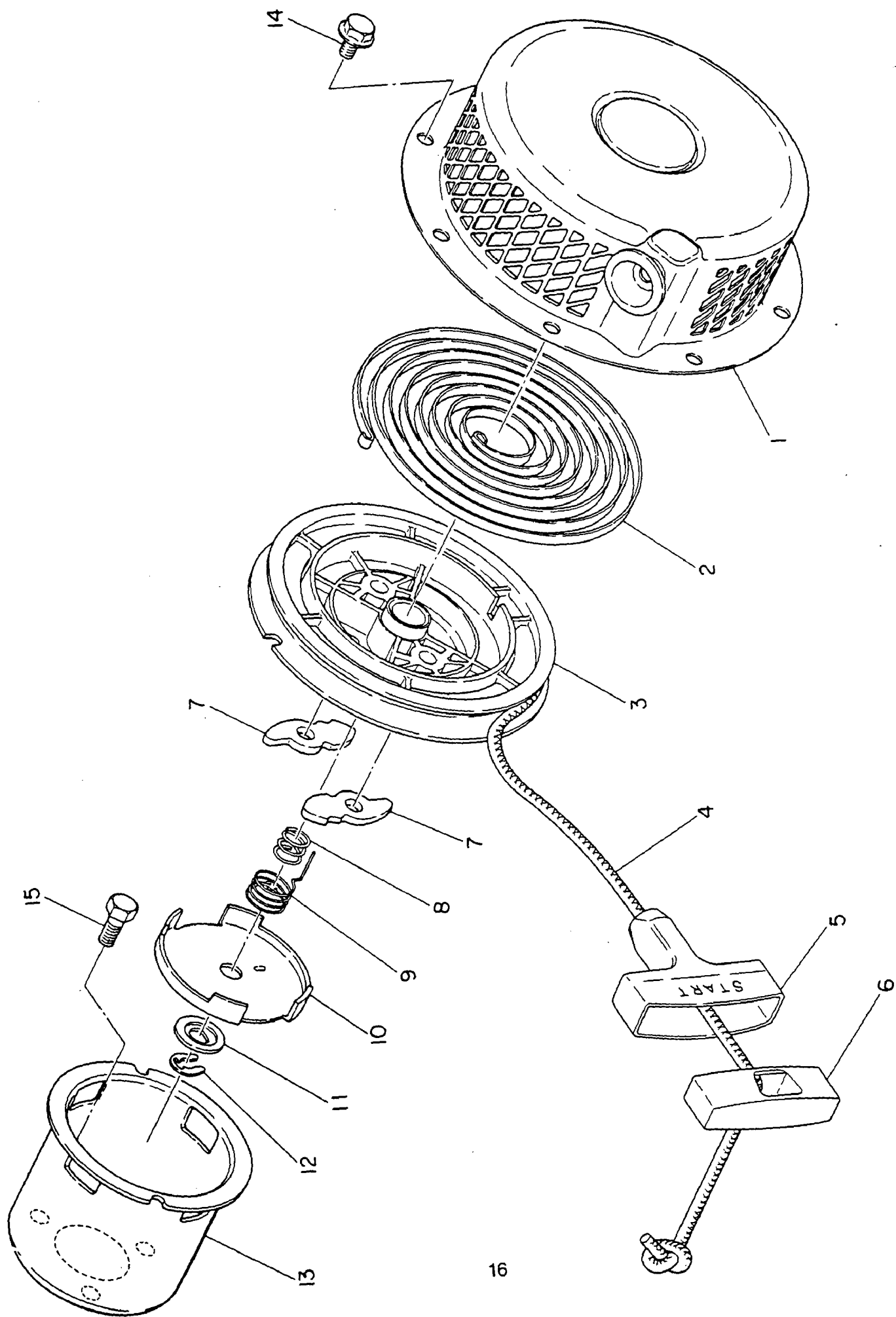
6. CARBURETOR AND AIR CLEANER

REF. NO.	PART NO.	DESCRIPTION	QTY.
	EY2143270100	AIR CLEANER (includes 1,3,4 & 5)	1
1	-----	AIR CLEANER CASE	1
2	EY2143600313	GASKET, AIR CLEANER	1
3	-----	RETAINER	1
4	EY2143600213	ELEMENT, AIR CLEANER	1
5	EY2073602201	COVER, AIR CLEANER	1
6	EY0011006100	BOLT AND WASHER ASSY	2
7	EY2326230110	CARBURETOR	1
8	EY2326244108	MAIN NOZZLE	1
9	EY1016254008	CHAMBER PACKING	1
10	EY2096250508	FLOAT ASSEMBLY	1
11	EY1016251508	FLOAT PIN	1
12	EY1016235008	FLOAT CHAMBER BODY	1
13	EY2096231108	INSERT WASHER	1
14	EY2076240308	REVERSE MAIN JET	1
15	EY2096242508	MAIN JET HOLDER	1
16	EY2096235108	SCREW ASSEMBLY	4
17	EY2136252508	CHOKE VALVE	1
18	EY2146253208	SHAFT ASSY (choke)	1
19	EY2096230208	NEEDLE VALVE	1
20	EY2096231208	WASHER	1
21	EY2326253508	THROTTLE VALVE	1
22	EY2146253108	SHAFT ASSEMBLY, THROTTLE	1
23	EY2076242008	PILOT JET	1
24	EY2096244508	THROTTLE STOP SPRING	2
25	EY1066239308	SCREW	1
26	EY2136239008	PILOT SCREW	1
27	EY2096233508	BANJO BOLT ASSY	1
28	EY2096234508	WASHER	2
	EY2326230107	GASKET SET, CARBURETOR (includes 2,9,13,20 & 28)	1
	EY2326230207	REPAIR KIT, CARBURETOR (includes 2,9,11,13,15,19,20,23 & 28)	1



7. IGNITION, SOLID STATE

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	EY2327012108	FLYWHEEL (std.)	1
	EY2327012008	FLYWHEEL (B type)	1
2	EY2327013008	IGNITION COIL	1
3	EY2267024508	GROMMET	1
4	EY0011406250	BOLT & WASHER ASSY.	2
5	EY0655000050	SPARK PLUG CAP	1



8. RECOIL STARTER

REF. NO.	PART NO.	DESCRIPTION	QTY.
	EY2325021100	RECOIL STARTER (std.) includes 1-13	1
	EY2325011100	RECOIL STARTER (B type) includes 1-13	1
1	-----	COVER, RECOIL STARTER	1
2	EY1065011608	SPIRAL SPRING	1
3	-----	REEL	
	EY2275010508	STARTER ROPE ASSY. (includes 4-6)	1
4	-----	STARTER ROPE	1
5	-----	STARTER KNOB	1
6	-----	REINFORCEMENT	1
7	-----	RATCHET	2
8	-----	FRICTION SPRING	1
9	-----	RETURN SPRING	1
10	-----	FRICTION PLATE	1
11	-----	THRUST WASHER	1
12	-----	CLIP	1
13	EY2145015118	STARTING PULLEY	1
14	EY0110060010	FLANGE BOLT	4
15	EY0016508120	BOLT	3
	EY2325021107	HARDWARE KIT (std.) includes 7-12	1
	EY2325011207	HARDWARE KIT (B type) includes 7-12	1