

Introduction

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

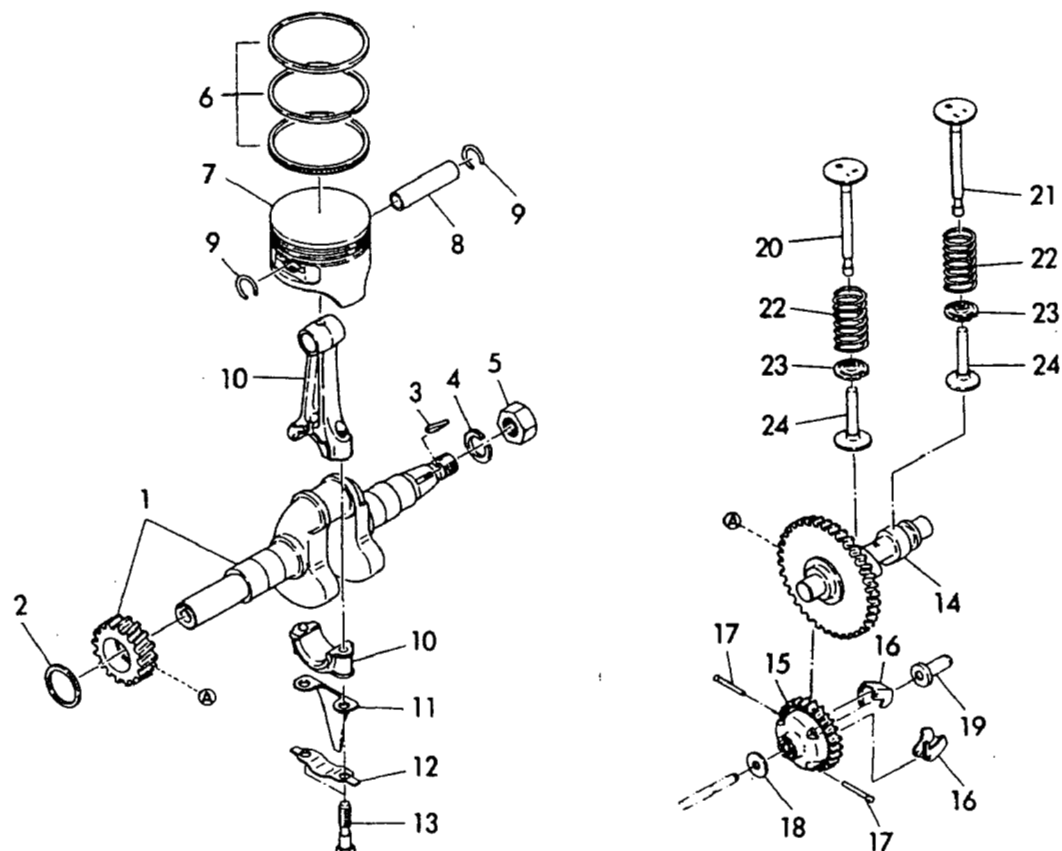
When ordering parts, it is always advisable to list the engine model, specification number and serial number. With this information, we can check your order for any incorrect part numbers. Use your Service Parts List to ensure proper part number and nomenclature identification.

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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CRANKSHAFT, CAMSHAFT, PISTON, ROD and VALVE Group

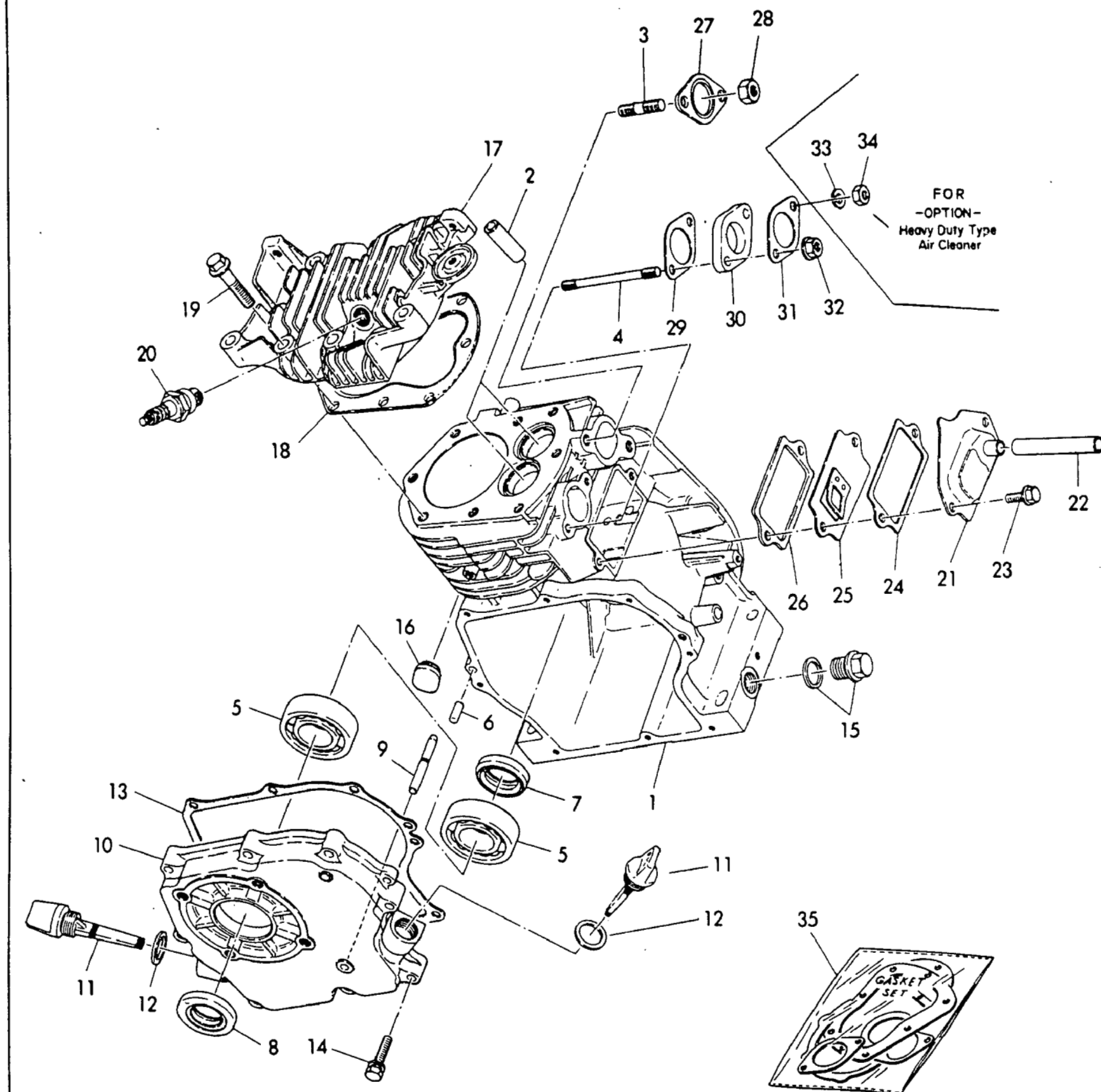


NOTE: Items without a part number are not sold separately.

Ref. No.	Part Number	Description	Qty.
•		CRANKSHAFT , with gear	
1	EY 2272090101	KEYWAY SHAFT, (std.) 3/8"-24 tap ...	1
	EY 2272090201	KEYWAY SHAFT, 5/16"-24 tap	
	EY 2272100101	THREADED, pump shaft	
	EY 2272120101	TAPERED, generator shaft extension ...	
2	EY 0230250110	SHIM "A" .0215 to .026 inch thick .. (0.6 mm)	1
	EY 0230250120	SHIM "B" .0287 to .0343 inch thick .. (0.8 mm)	
	EY 0230250130	SHIM "C" .0362 to .0425 inch thick .. (1.0 mm)	
3	EY 0323030010	KEY, flywheel, 3 mm Woodruff	1
4	EY 0032014000	LOCKWASHER, flywheel nut	1
		14 mm spring lock	
5	EY 0021814000	NUT, flywheel mounting	1
		14 mm thread, hexagon steel	
6	EY 2272350107	RING SET, standard size	1
		Consisting of:	
		COMPRESSION RING	1
		SCRAPER RING	1
		OIL RING	1
	EY 2272350207	.010" (0.25 mm) oversize ring set	
	EY 2272350307	.020" (0.50 mm) oversize ring set	

Ref. No.	Part Number	Description	Qty.
7	EY 2272340103	PISTON, standard size	1
	EY 2272340203	.010" (0.25 mm) oversize piston	
	EY 2272340303	.020" (0.50 mm) oversize piston	
8	EY 2142330103	PIN, piston	1
9	EY 0565140010	SNAP RING, piston pin	2
10	EY 2272250100	CONNECTING ROD assembly	1
		Includes:	
11		EY 2272310103 OIL SCRAPER	1
12		EY 2272320103 LOCK PLATE	1
13		EY 2272300103 ROD BOLT	2
	EY 2272250200	.020" (0.25 mm) undersize con. rod ...	
14	EY 2273170103	CAMSHAFT — GEAR assembly	1
15	EY 2274500301	GOVERNOR GEAR assembly	1
		Includes:	
16		FLYWEIGHT	2
17		FLYWEIGHT PIN	2
18	EY 0230060010	SPACER, governor gear	1
19	EY 2054190103	GOVERNOR SLEEVE	1
20	EY 2273340103	INLET VALVE	1
21	EY 2273350103	EXHAUST VALVE	1
22	EY 2273360103	VALVE SPRING	2
23	EY 2273370103	RETAINER, valve spring	2
24	EY 2273330103	VALVE TAPPET	2

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Parts are identified by reference number. See parts list on opposite page for correct part number.

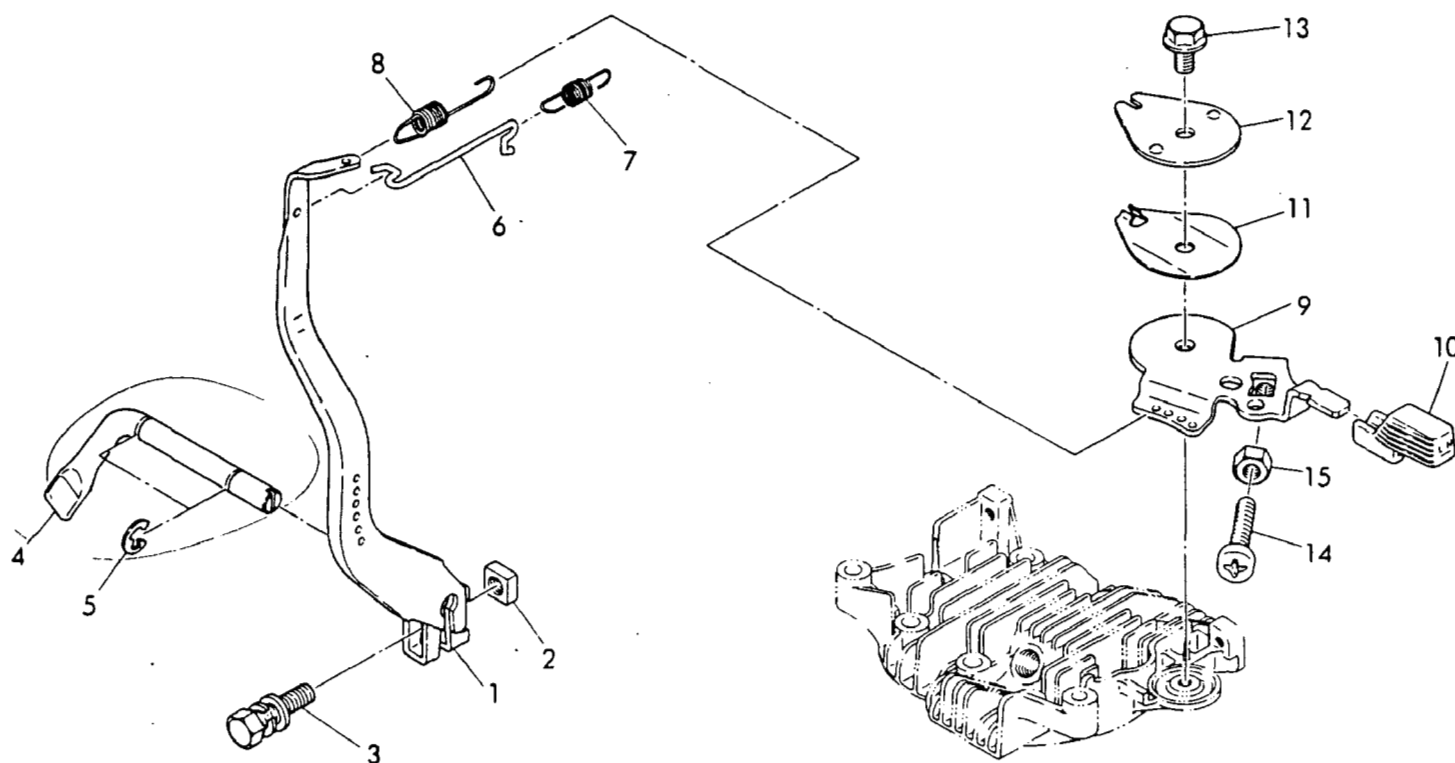
CRANKCASE, GEAR COVER and CYLINDER HEAD Group

NOTE: Items without a part number are not sold separately.

*Included in Engine Gasket Set.

Ref. No.	Part Number	Description	Qty.	Ref. No.	Part Number	Description	Qty.
1		CYLINDER - CRANKCASE		31	EY 2273590203	GASKET , carburetor flange	1
2	EY 2271420203	VALVE GUIDE	2	32	EY 0023806000	NUT , carburetor mounting (standard) . . 6 mm thread, hexagon flange type, steel	2
3	EY 0105080250	STUD , muffler mounting	2	33	EY 0032006000	LOCKWASHER , 6 mm spring lock	2
4	EY 0105060120	STUD , carburetor mounting	2			Carburetor mounting for heavy duty air cleaner	
5	EY 0600250010	BEARING , crankshaft main	2	34	EY 0021706000	NUT , 6 mm thread, hexagon steel	2
6		DOWEL PIN , gear cover	2			Carburetor mounting for heavy duty air cleaner	
7	EY 0440250070	OIL SEAL , crankcase	1	35	EY 2279900217	ENGINE GASKET SET	1
8	EY 0440250020	OIL SEAL , gear cover	1			Consisting of the following gaskets:	
9		SHAFT , governor gear	1			GEAR COVER (Ref. 13)	
10	EY 2271100201	GEAR COVER assembly	1			CYLINDER HEAD (Ref. 18)	
		Includes:				INSPECTION COVER (Ref. 24)	
		BEARING (Ref. 5)	1			BREATHING PLATE (Ref. 26)	
		OIL SEAL (Ref. 8)	1			MUFFLER FLANGE (Ref. 27)	
		SHAFT, GOV. (Ref. 9)	1			INSULATING PLATE (Ref. 29)	
11	EY 2276360107	OIL DIP STICK	2			CARBURETOR FLANGE (Ref. 31)	
		Includes:				POINT COVER (Ref. 15, Page 7)	
12		EY 0213160010 GASKET				SEAL, POINT COVER (Ref. 16, Page 7)	
13	*	GASKET , gear cover	1			AIR CLEANER (Ref. 2, Page 8)	
14	EY 0130060040	SCREW - WASHER , gear cover mtg. . . 6 mm x 30 mm long, hexagon head	8				
15	EY 2276360007	OIL DRAIN PLUG	2				
		Includes:					
		EY 0211140020 GASKET					
16	EY 2277500103	GROMMET , alternate ignition wire	1				
17	EY 2271300103	CYLINDER HEAD	1				
18	EY 2271500101	GASKET , cylinder head	1				
19	EY 0110080010	SCREW , cylinder head mounting	8				
		8 mm x 40 mm long, hexagon flange head					
20	EY 0650140031 (Optional)	SPARK PLUG with gasket (standard) . . Champion 186, AC 43F, NGK B6HS	1				
21	EY 2271430101	INSPECTION COVER , valve tappet	1				
22	EY 0851080210	BREATHING TUBE	1				
23	EY 0110060020	SCREW , inspection cover	2				
		6 mm x 12 mm long, hexagon flange head					
24	*	GASKET , tappet inspection cover	1				
25	EY 2271440101	BREATHING PLATE	1				
26	*	GASKET , breather plate	1				
27	EY 2143520111	GASKET , muffler mounting	1				
28	EY 0021908000	NUT , muffler mounting	2				
		8 mm thread, hexagon brass					
29	*	GASKET , insulating plate	1				
30	EY 2273290103	INSULATING PLATE , carburetor	1				

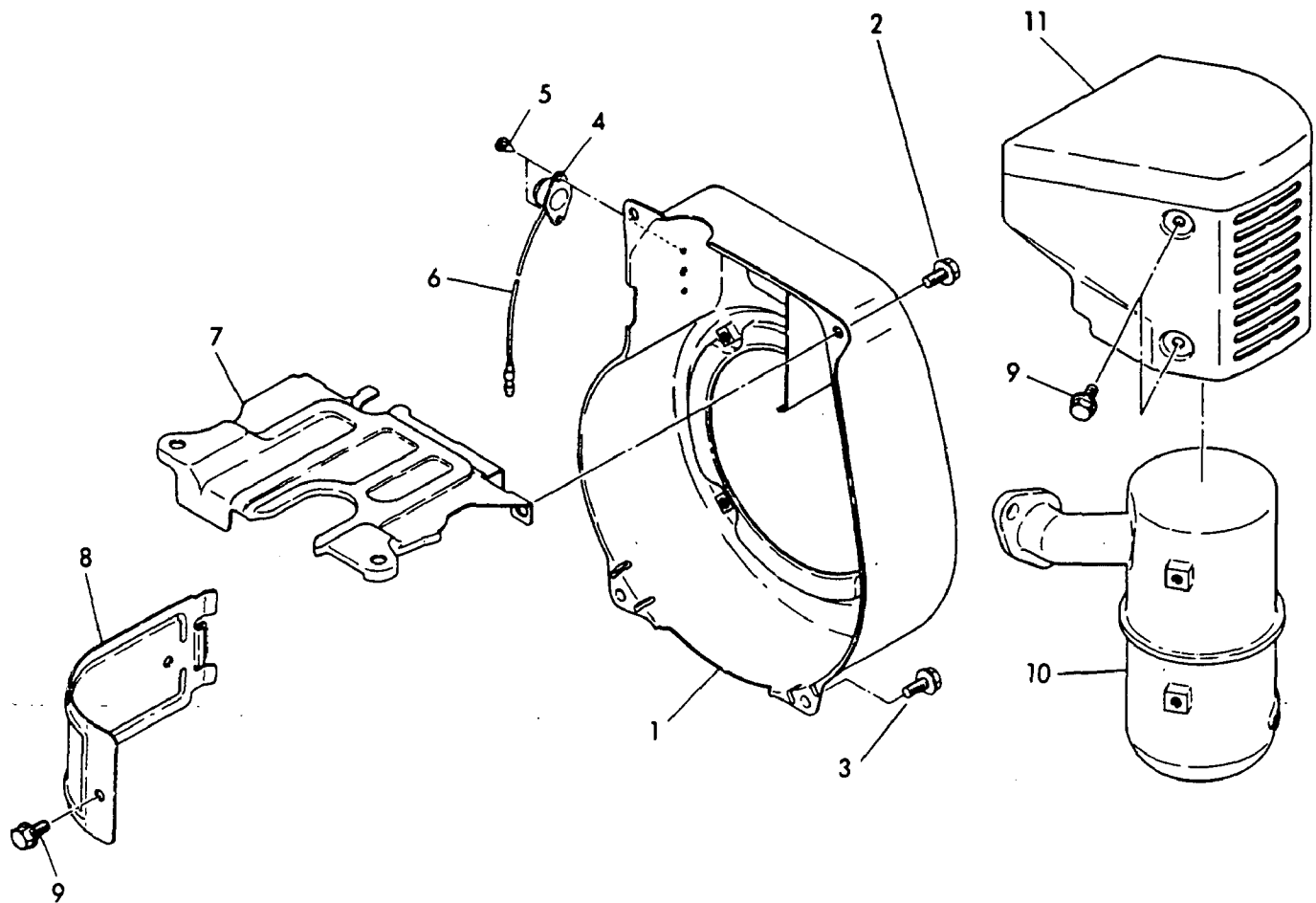
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NOTE: Items without a part number are not sold separately.

Ref. No.	Part Number	Description	Qty.	Ref. No.	Part Number	Description	Qty.
●	EY 2274230107	GOVERNOR LEVER and SHAFT SET ...	1	●	EY 2274330107	GOVERNOR CONTROL LEVER SET ...	1
		Includes: (Ref. 1 thru 7)				Includes: (Ref. 9 thru 15)	
1		GOVERNOR LEVER	1	9		CONTROL LEVER	1
2		NUT, governor lever	1	10		HANDLE, control lever	1
		6 mm thread, square steel		11		FRICTION WASHER, stop plate	1
3		SCREW-WASHER, assembly	1	12		STOP PLATE	1
		For governor lever clamp		13		SCREW, control mounting	1
		6 mm x 25 mm long, hexagon head				6 mm x 14 mm long, hexagon flange head	
4		GOVERNOR CROSS SHAFT	1	14		SCREW, control lever stop	1
5		CLIP, shaft retainer	2			6 mm x 30 mm long, fillister head	
		6 mm I.D. x 12 mm O.D.		15		NUT, lever stop screw lock	1
●	EY 2274250107	GOVERNOR SPRING and ROD SET ...	1			6 mm thread, hexagon steel	
		(Includes Items 6, 7, 8)					
6		GOVERNOR ROD	1				
7	EY 2274280101	SPRING, governor rod	1				
8	EY 2274250111	GOVERNOR SPRING	1				
		(3400 to 3600 RPM)					
	EY 2274250211	GOVERNOR SPRING	1				
		(1800 to 3400 RPM)					

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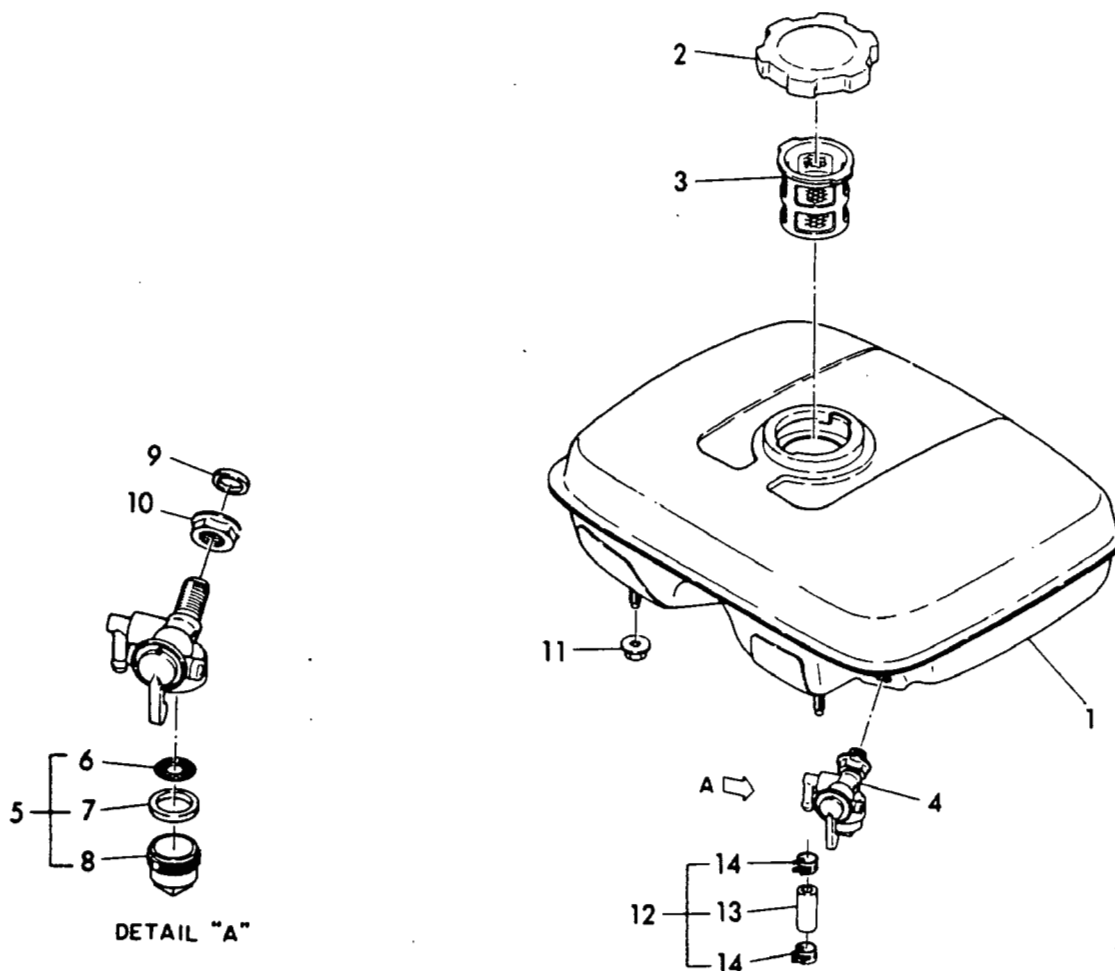


Ref. No.	Part Number	Description	Qty.
1	EY 2275135007	FLYWHEEL SHROUD	1
2	EY 0110060030	SCREW, shroud mounting-upper holes . 6 mm x 14 mm long, hexagon flange head	2
3	EY 0110060020	SCREW, shroud mounting-lower holes . 6 mm x 12 mm long, hexagon flange head	2
4	EY 0662000011	STOP BUTTON assembly	1
5	EY 0150040010	SCREW, stop button mounting	2
		4 mm x 8 mm long, self tapping, pani head	

Ref. No.	Part Number	Description	Qty.
6	EY 2147320101	IGNITION WIRE, stop button	1
7	EY 2275270103	COVER, cylinder head	1
8	EY 2275260103	BAFFLE, cylinder	1
9	EY 0110060010	SCREW, 6 mm x 8 mm long, hexagon . flange head 1 - For cylinder baffle 3 - For muffler cover mounting	4
10	EY 2273010101	EXHAUST MUFFLER	1
11	EY 2273420101	COVER, muffler	1

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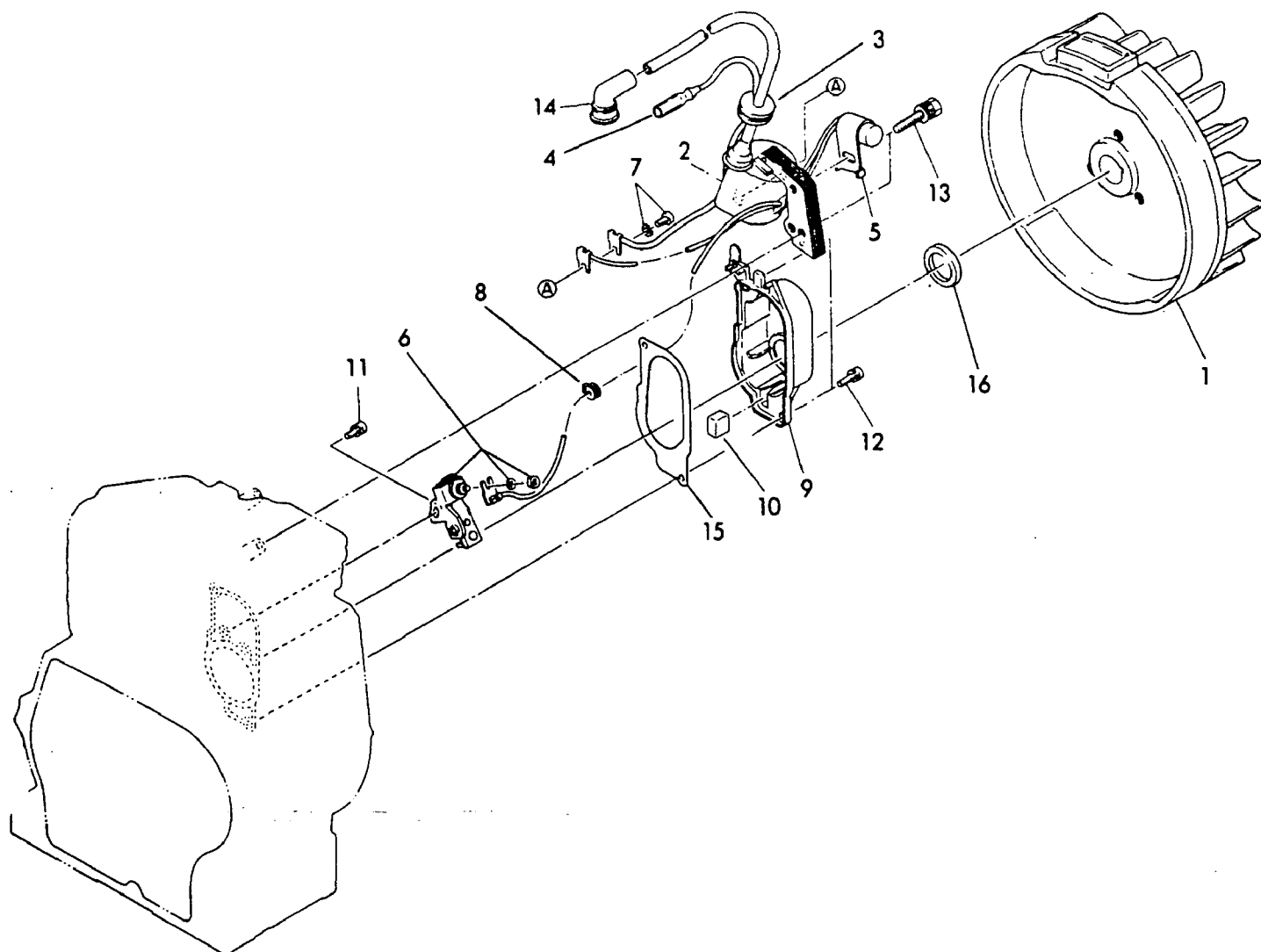
FUEL TANK Group



NOTE: Items without a part number are not sold separately.

Ref. No.	Part Number	Description	Qty.	Ref. No.	Part Number	Description	Qty.
1	EY 2276010107	FUEL TANK assembly	1	9	EY 0643000118	PACKING, strainer mounting, rubber ..	1
2		Includes:		10	EY 0642004260	NUT, fuel filter mounting	1
3		EY 0430430015 CAP with gasket	1	11	EY 0023806000	LOCKNUT, fuel tank mounting	2
4	EY 0642004200	FUEL STRAINER assembly	1			6 mm thread, hexagon flange	
5	EY 2266230407	REPAIR KIT, fuel strainer	1	12	EY 2276260101	FUEL LINE assembly	1
6		Consisting of:		13		Consisting of:	
7		SCREEN	1	14		FUEL LINE	1
8		GASKET	1			EY 0561100030 HOSE CLAMP	2
		BOWL	1				

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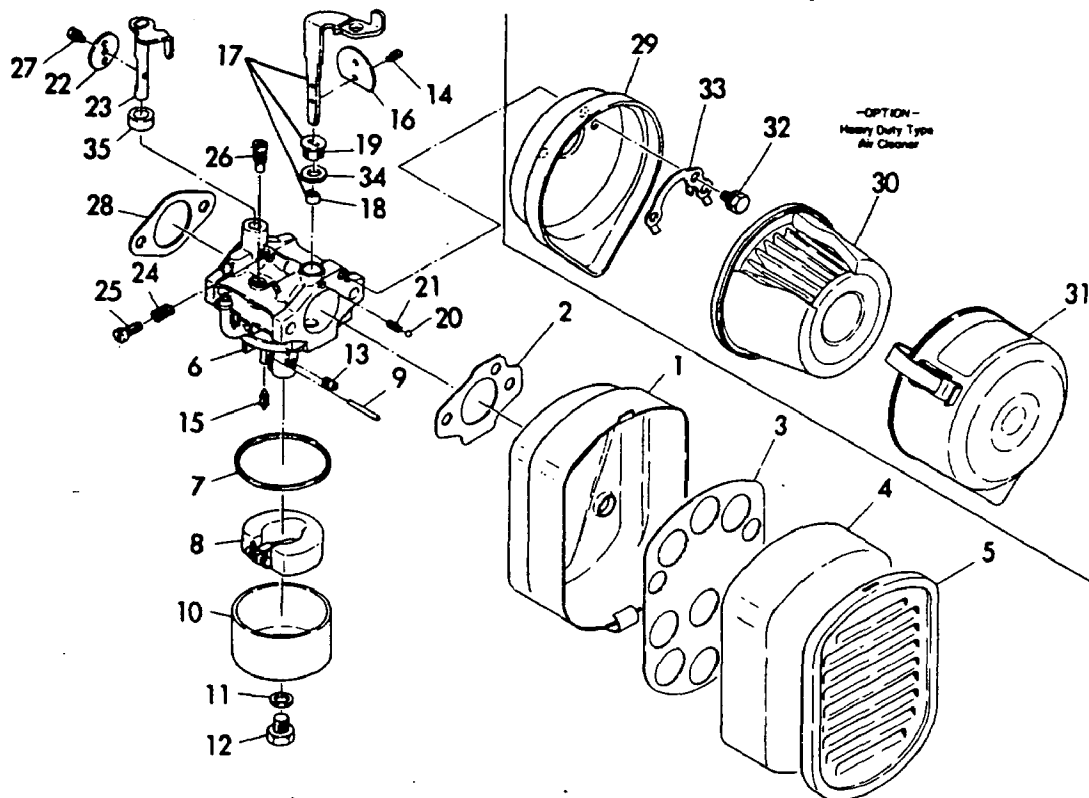
NOTE: Items without a part number are not sold separately.

*Included in Engine Gasket Set.

Ref. No.	Part Number	Description	Qty.	Ref. No.	Part Number	Description	Qty.
1	EY 2277012108	FLYWHEEL	1	●	EY 2267010207	HARDWARE SET for points and condenser mounting	1
2	EY 2277013208	IGNITION COIL	1			Includes:	
		Includes:		9		POINT COVER	1
		LEAD WIRE	1	10		OIL FELT, breaker	1
3	EY 2267024508	GROMMET, ignition wire	1	11		SCREW-WASHER assembly	1
4	EY 2267023508	WIRE assembly, stop switch wire	1			For contact breaker mounting	
●	EY 2267010117	POINTS and CONDENSER KIT	1			4 mm x 8 mm long, pan head	
		Includes:				4 mm. spring lock	
5		CONDENSER	1			4 mm I.D., plain steel	
6		CONTACT BREAKER	1	12		SCREW-WASHER, cover mounting ...	2
7		SCREW-WASHER assembly	1			4 mm x 12 mm long, pan head	
8	EY 2267500103	GROMMET condenser wire	1	13	EY 0011706250	SCREW-WASHER, ignition coil mtg	2
						6 mm x 25 mm long, hexagon head	
				14	EY 0655000050	CAP, spark plug terminal	1
				15	EY 2277500303	GASKET, point cover	1
				16	EY 2277500403	SEAL, point cover dust	1

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CARBURETOR and AIR CLEANER Group

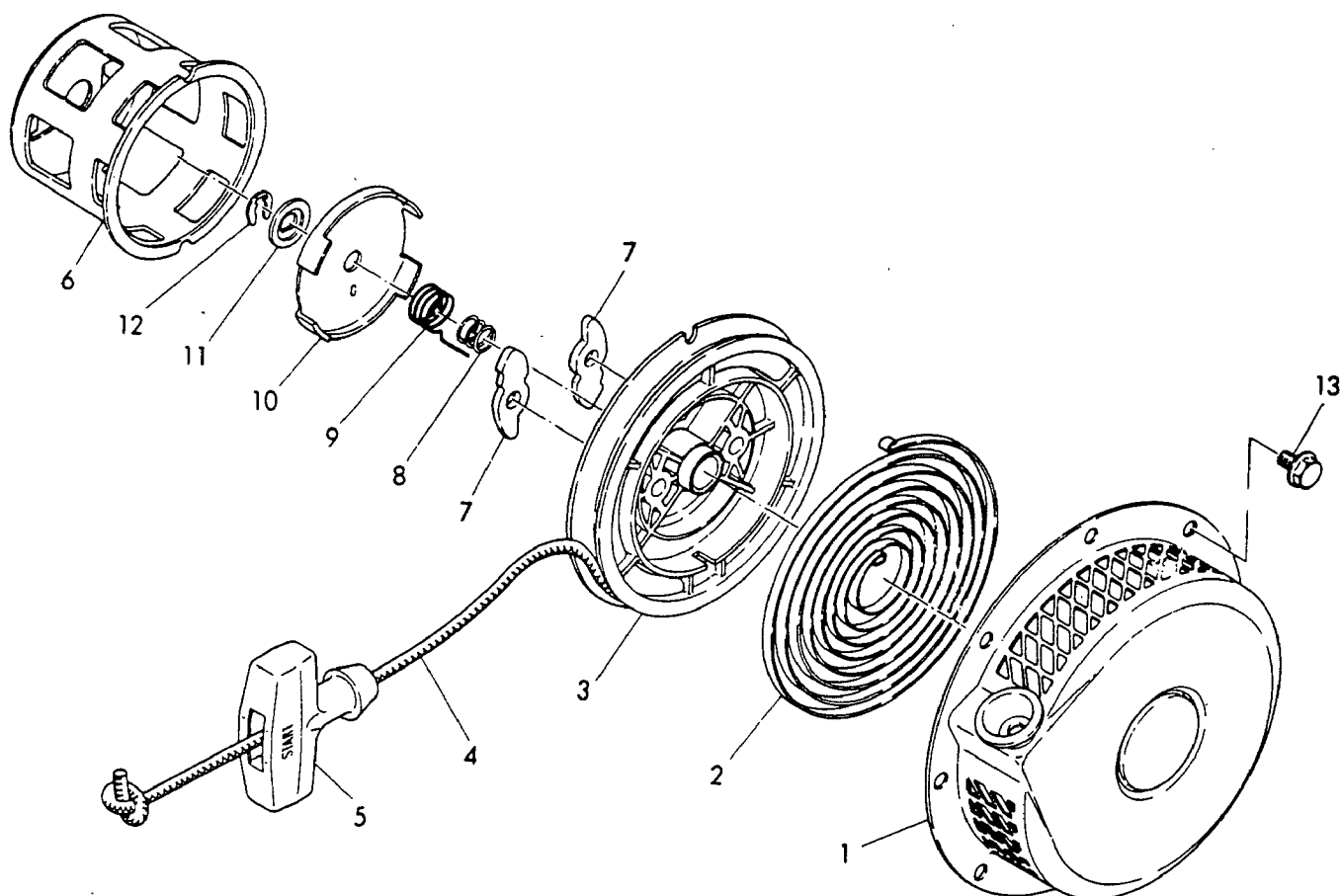


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Ref. No.	Part Number	Description	Qty.	Ref. No.	Part Number	Description	Qty.
●	EY 2273260100	AIR CLEANER assembly (standard)	1	21	EY 2096244608	SPRING, choke ball retainer	1
1		Consisting of Ref. 1 thru 5.		22	EY 2206253508	THROTTLE VALVE	1
2	† *	BODY	1	23	EY 2266253008	THROTTLE SHAFT	1
3		GASKET, (also in engine gasket set) .	1	24	EY 2096244508	SPRING, throttle stop screw	1
4	EY 2273600203	RETAINER	1	25	†	SCREW, throttle stop	1
5	EY 2273510101	ELEMENT	1			4 mm x 11 mm long, flat fillister hd.	
6	EY 2276230200	COVER	1	26	†	PILOT JET	1
7	† *	CARBURETOR assembly	1	27	†	SCREW, throttle valve mounting	1
8	EY 2266250508	(Includes Items 7 thru 27, 34, 35)		28	† *	3 mm x 5 mm long	
9	†	GASKET, float chamber	1			GASKET, carburetor flange	1
10		FLOAT	1	●	EY 2273261000	AIR CLEANER, heavy duty type	1
11	† *	FLOAT PIN	1		(Optional)	Consisting of Ref. 29, 30, 31.	
12	†	FLOAT CHAMBER	1	29		BASE	1
13	EY 2276240008†	WASHER, float chamber screw	1	30	EY 2273261007	ELEMENT and SLEEVE	1
14	†	SCREW, float chamber mounting ...	1	31		COVER	1
15	EY 2266250008†	MAIN JET	1	32	EY 0011006100	SCREW-WASHER, H.D. air cleaner mtg.	1
16	EY 2266252508	SCREW, choke valve mounting	2			6 mm x 10 mm long, hexagon head	
17	EY 2266230507	M2.6 x 0.45 x 4 mm long, pan head		33	EY 2273650101	LOCKPLATE, heavy duty air cleaner mtg.	1
18		FUEL VALVE assembly	1	34	† *	GASKET, choke shaft	1
19		CHOKE VALVE	1	35		BUSHING, throttle shaft	1
20	EY 2096235308	CHOKE SHAFT kit, Incl. Ref. 18, 19 ..	1			Pressed in place — not serviceable	
		BUSHING, choke shaft, lower	1	●	EY 2276230107	REPAIR KIT, carburetor	
		BUSHING, choke shaft, upper	1			† Parts included in kit.	
		BALL, steel, choke shaft retainer	1	●	EY 2266230217	GASKET SET, carburetor	
						* Parts included in set.	

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RECOIL STARTER ASSEMBLY



NOTE: Items without a part number are not sold separately.

Ref. No.	Part Number	Description	Qty.	Ref. No.	Part Number	Description	Qty.
●	EY 2275021100	RECOIL STARTER complete	1	●	EY 2265010107	HARDWARE KIT, recoil starter	1
1		Includes: (Ref. 1 thru 12)				Includes: (Ref. 7 thru 12)	
		HOUSING.....	1	7		RATCHET	2
2	EY 1065011608	POWER SPRING	1	8		SPRING, compression	1
3	EY 2275012008	REEL.....	1	9		SPRING, return.....	1
●	EY 2275010508	ROPE assembly	1	10		RETAINER, ratchet	1
		Includes: (Ref. 4 and 5)		11		WASHER, retainer spacing.....	1
4		ROPE	1	12		CLIP, retainer lock	1
5		HANDLE and BUSHING	1	13	EY 0110060010	SCREW, recoil starter mounting	4
	EY 2275014508	PULLEY, starting.....	1			6 mm x 8 mm long, hex flange head	

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