Specification No's. 800426, 800427

Introduction

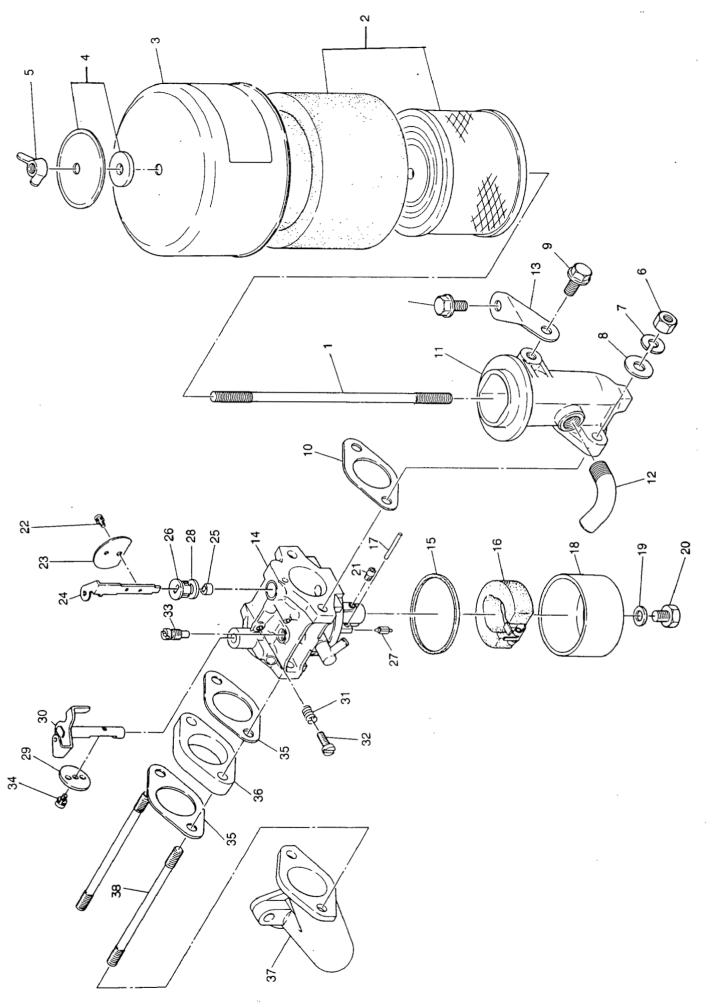
This catalog is designed to identify Wisconsin Robin parts.

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.

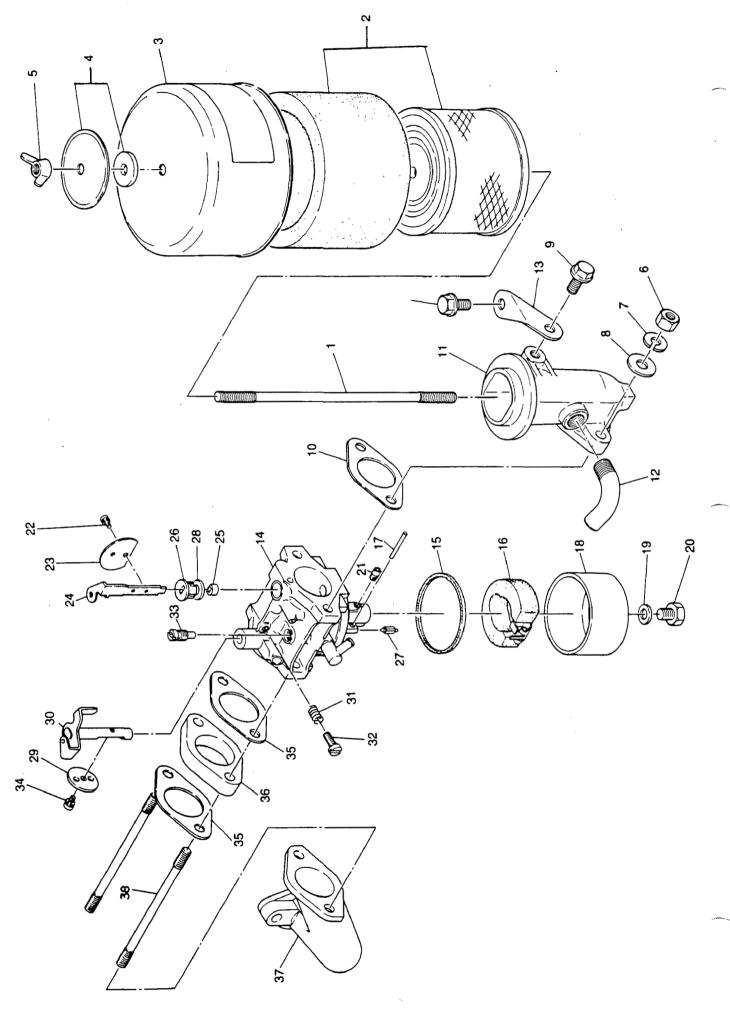
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— — — : Indicates there are different numbers for each engine model.	•
X X X X : Indicates that these parts are NOT sold separately.	
All parts numbers are valid for both engines upless otherwise noted	



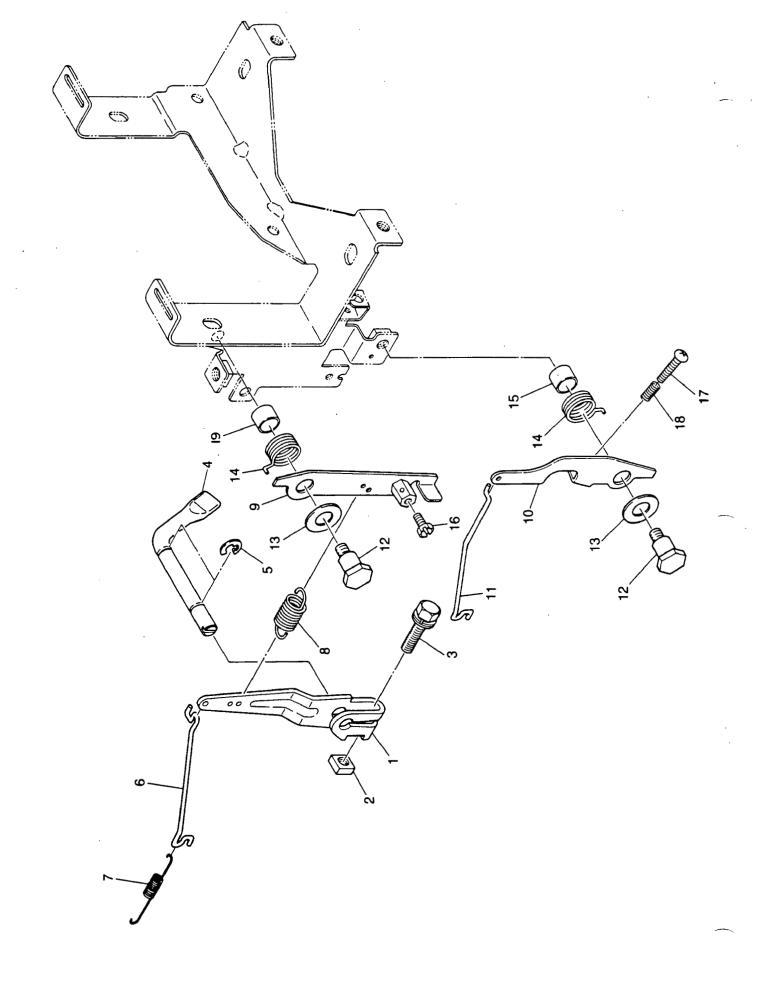
1. AIR CLEANER AND CARBURETOR GROUP

REF.	PART	DESCRIPTION	QTY.
NO.	NO.		
	EY227 32801 00	AIR CLEANER ASSY.	1
1	B122/ 32001 00	(Includes items 2,3,& 4)	'
1-1	EY010 50602 20	STUD, BODY COVER MOUNTING	1
' 2	EY227 32801 07	ELEMENT SET, AIR CLEANER	1
3	XXXXXXX	COVER, AIR CLEANER	1
4	EY227 32660 08	WASHER SET, MOUNTING	1
5	EY224 32740 08	WING NUT, COVER	1
6	EY002 27060 00	NUT, BODY MOUNTING	2
7	EY003 20060 00	LOCK WASHER, BODY MOUNTING	2
8	EY003 11060 00	WASHER, BODY MOUNTING	2
	E1003 11000 00	PLAIN STEEL	2
ا و ا	EY011 00600 20	SCREW, AIR CLEANER BODY	2
	B1011 00000 20	SUPPORT, 6mm x 14mm LONG,	2
		HEX FLANGE HEAD	2
10	EY227 35901 03	GASKET, AIR CLEANER BODY	1
11	EY227 33201 01	ELBOW COMPLETE	i
12	EY226 39201 01	PIPE (UNION)	1
13	EY227 36521 01	SUPPORT	i
14		CARBURETOR ASSY.	i
'-		(Includes items 15-34)	•
1 1	EY226 62403 00	FOR MODEL W1-145V	
	EY227 62404 00	FOR MODEL W1-185V	
15	XXXXXXX	GASKET, FLOAT CHAMBER	1
16	EY226 62506 08	FLOAT ASSY.	1
17	XXXXXXX	FLOAT PIN	i
18	XXXXXXX	FLOAT CHAMBER	1
19	XXXXXXX	GASKET, FLOAT CHAMBER SCREW	
20	XXXXXXX	SCREW, FLOAT CHAMBER	1
-		MOUNTING	•
21		MAIN JET	1
. ~ '	EY226 62400 08	FOR MODEL W1-145V #75	,
	EY227 62400 08	FOR MODEL W1-185V #82.5	
22	EY226 62351 08	SCREW, CHOKE VALVE, 2.6mm	2
		x 4mm LONG, PAN HEAD	_
23	EY226 62525 08	CHOKE VALVE	1
			•



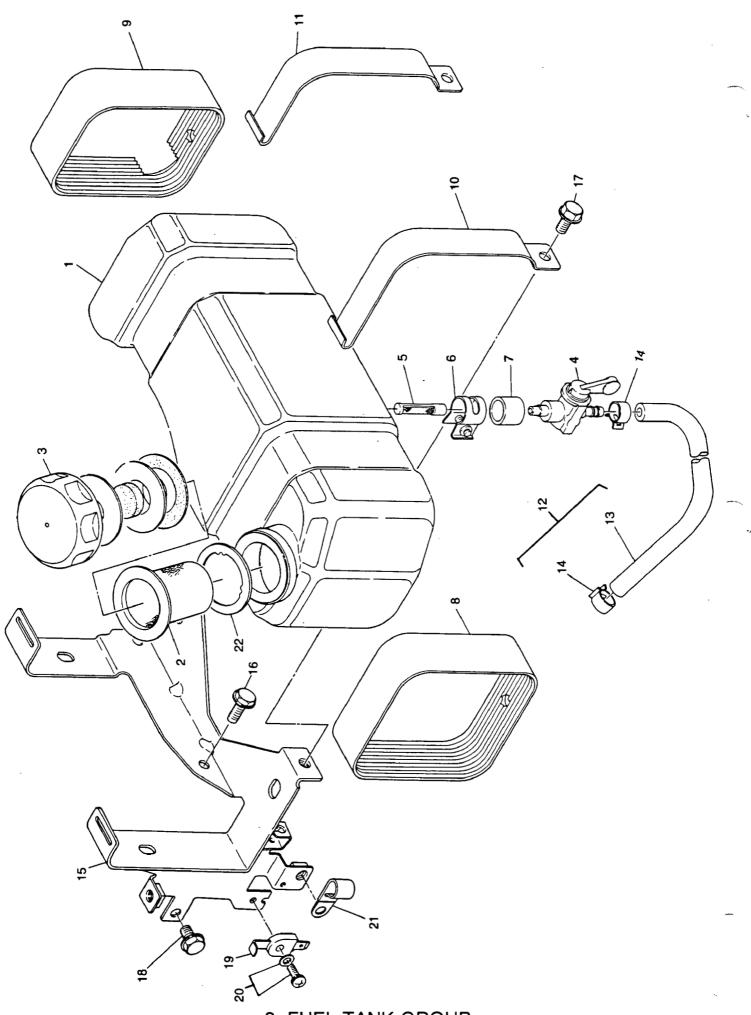
1. AIR CLEANER CARBURETOR GROUP

REF.	PART NO.		DESCRIPTION	QTY.
25 26 27 28 29 30 31	EY226 62521 EY226 62550 EY226 62551 EY226 62500 EY227 62550 EY226 62535 EY106 62538 EY226 62531 EY209 62445 EY226 62352 EY207 62420 EY227 62420 EY150 62356	08 08 08 08 08 08 08 08 08	CHOKE LEVER BUSHING, CHOKE SHAFT LOWER BUSHING, CHOKE SHAFT UPPER NEEDLE VALVE CHOKE LEVER SEAL THROTTLE VALVE FOR MODEL W1-145V FOR MODEL W1-185V THROTTLE SHAFT SPRING, THROTTLE STOP SCREW SCREW, THROTTLE STOP PILOT JET FOR MODEL W1-145V FOR MODEL W1-185V SCREW, THROTTLE VALVE MOUNTING, 3mm x 5mm LONG,	1 1 1 1 1 1 1 1
35 36 37 38	X X X X X X X EY227 32901 EY226 34801 EY227 33101 EY010 50601 EY226 62405	03 - 01 01 40	PAN HEAD GASKET, CARBURETOR, FLANGE INSULATOR, CARBURETOR FLANGE MANIFOLD, INTAKE, (Includes item 38) FOR MODEL W1-145V	2 1 2 2 1



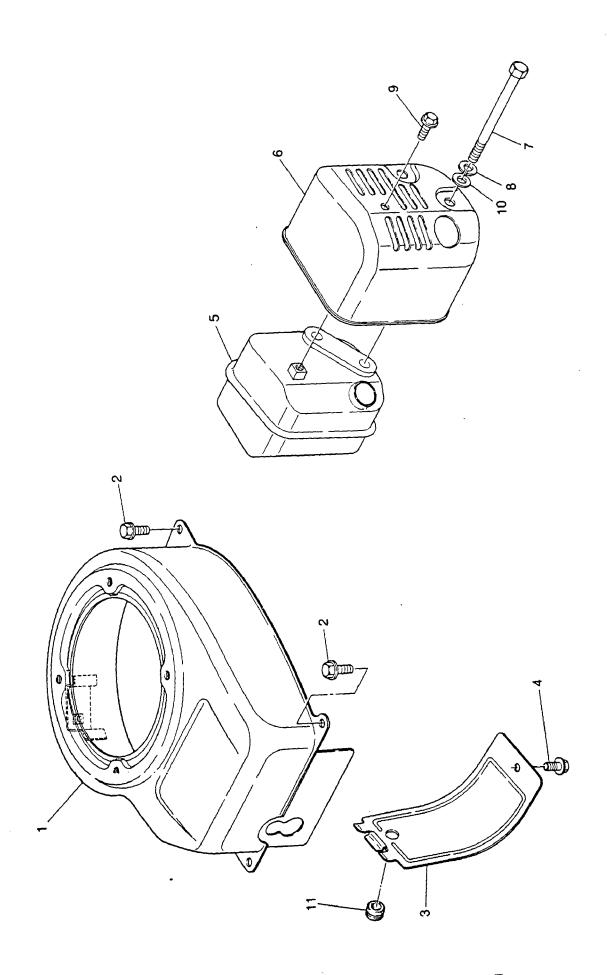
REF.	PART NO.	DESCRIPTION	QTY.
		GOVERNOR LEVER AND SHAFT	1
	EY226 42302 07	SET FOR MODEL W1-145V	
	EY227 42331 07	FOR MODEL W1-145V	
	E122/ 42551 0/	(Includes items 1-5)	
2-1	****	GOVERNOR LEVER	1
2	XXXXXXX	NUT, GOVERNOR LEVER, 6mm	i
		THREAD, SQUARE STEEL	•
3	*****	SCREW, GOVERNOR LEVER CLAMP,	1
		6mm x 25mm LONG, HEX HEAD	•
4	*****	GOVERNOR CROSS SHAFT	1
5	* * * * * * * * *	CLIP, SHAFT RETAINER, 6mm	. 2
		I.D. x 12mm O.D.	
	EY226 42506 07	GOVERNOR SPRING AND ROD SET	1
		(Includes items 6-8)	
6	x	GOVERNOR ROD	1
7	EY226 42801 01	SPRING, GOVERNOR ROD	1
8	EY227 42504 01	GOVERNOR SPRING	1
9	EY226 42505 07	CONTROL LEVER SET, GOVERNOR	1
		(Includes items 10-13)	
10	EY227 43801 11	CONTROL LEVER, CHOKE	1 '
11	x x x x x x x	ROD, CHOKE CONTROL	1
12	· X X X X X X X. X.	PIVOT PIN, CONTROL LEVERS	2 2
13	x	WASHER, CONTROL LEVER,	2
		FRICTION	1
	EY226 42504 17	RETURN SPRING SET, GOVERNOR FOR MODEL W1-145V	1
	EY227 45002 07	FOR MODEL W1-145V	
	.3122/ 43002 0/	(Includes items 14,15,17,& 18	١
14	x	SPRING, LEVER RETURN	2
15	XXXXXXX	SPACER, CHOKE AND CONTROL	2
16	EY011 60400 10	SCREW, CONTROL WIRE LOCK,	ī
		4mm x 14mm LONG, HEX HEAD	•
17	x	SCREW, CHOKE R.P.M. CONTROL,	1
1		4mm x 20mm LONG, PAN HEAD	•
18	x	SPRING, CHOKE R.P.M. CONTROL	1
19	EY023 01000 70	SPACER	1

.



3. FUEL TANK GROUP

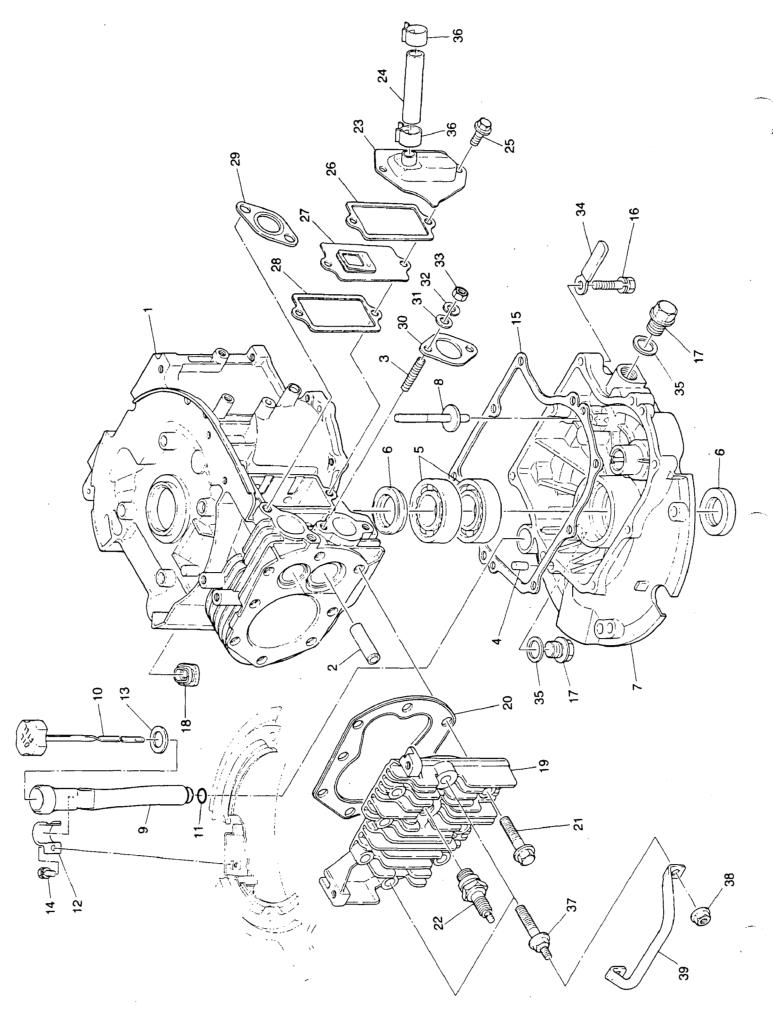
REF.	PART	DESCRIPTION	QTY.
NO.	NO.		
3-1	EY226 61401 0	DUDI MANY ACCY	. 1
3-1	E1220 01401 0		'
	DV064 12100 2	(Includes item 3)	
2	EY064 13100 2		1 1
3	EY043 04400 7	.	
4	EY064 20044 0		1
_		(Includes items 5-7)	ļ
5	X X X X X X X	FILTER SCREEN	
6	x x x x x x x	CLAMP, STRAINER SUPPORT	
7	X X X X X X X	TUBE, STRAINER SUPPORT	
8	EY226 65105 0		
9	EY226 65106 0		LL 1
10	EY226 65011 0		1
11	EY226 65012 0		1
12	EY226 63623 0		1
		(Includes items 13 & 14	
13	x	HOSE	1 1
14	x	HOSE CLAMP	2
15		BRACKET, FUEL TANK	1
	EY226 62001 0	FOR MODEL W1-145V	
	EY227 62113 0	FOR MODEL W1-185V	
16	EY015 20600 1	SCREW, TANK BRACKET MOU	NTING 2
		6mm x 14mm LONG, HEX FI	
		HEAD	
17	EY011 00600 2	I "	6mm 2
		x 12mm LONG, HEX FLANGE	
18	EY011 00600 1	1	
		6mm x 12mm LONG, HEX FI	
		HEAD	
19	EY226 72701 0	1	1
20	EY004 35041 2		
] ~~	DIOCE 33041 2	MOUNTING 4mm x 12mm LON	
		PAN HEAD	· · · · · · · · · · · · · · · · · · ·
21	EY214 79006 0	(RE 1
22	EY084 04200 1		. KE
	PIOCE 04200	GASKET, FUEL FILLER	, ,



4. SHROUDING AND MUFFLER GROUP

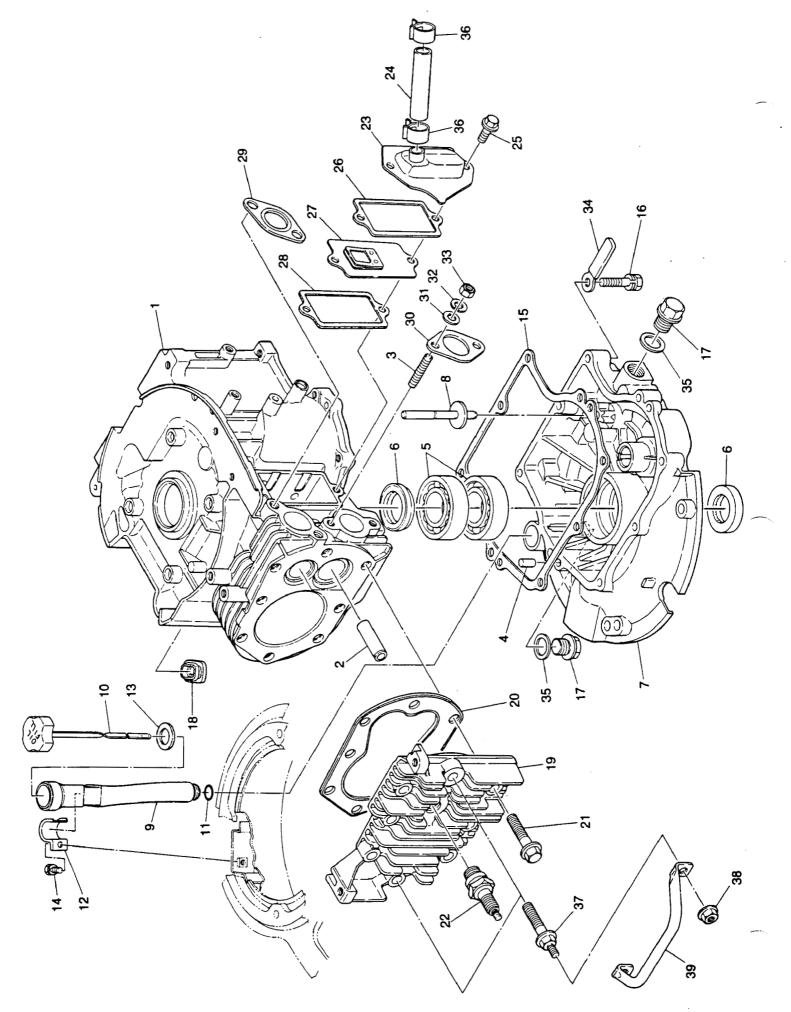
REF.	PART NO.			DESCRIPTION	QTY.
-					
4-1			_	FLYWHEEL SHROUD	1
1	EY226	52321	01	FOR MODEL W1-145V	l
	EY227	52321	0 1	FOR MODEL W1-185V	
2	EY011	00600	20	SCREW, FLYWHEEL SHROUD	4
				MOUNTING, 6mm x 12mm	
				HEX FLANGE HEAD	
3			-	BAFFLE, CYLINDER	1
	EY226	52603	03	FOR MODEL W1-145V	}
	EY227	52604	03	FOR MODEL W1-185V	
4	EY011	00600	10	SCREW, CYLINDER BAFFLE	1
1				MOUNTING, 6mm x 8mm LONG,	
				HEX FLANGE HEAD	ł
5			_	EXHAUST MUFFLER	1
	EY226	31201	11	FOR MODEL W1-145V	}
	EY227	31101	01	FOR MODEL W1-185V	1
6			_	COVER, MUFFLER	1
	EY226	34220	01	FOR MODEL W1-145V	ļ
	EY227	34501	01	FOR MODEL W1-185V	ì
7			_	SCREW, MUFFLER MOUNTING	2
1				8mm x 100mm LONG, HEX HEAD	1
į	EY010	00803	00	FOR MODEL W1-145V	
	EY010	00803	20	FOR MODEL W1-185V	
8	EY003	20080	00	LOCKWASHER, MUFFLER MOUNTING	2
				8mm SPRING LOCK	j
9	EY011	00600	10	SCREW, MUFFLER COVER MOUNTING	1
1				6mm x 8mm LONG, HEX FLANGE	1
				HEAD	
10	EY003	10080	00	WASHER, 8mm	2
11	EY024	10300	30	GROMMET	1

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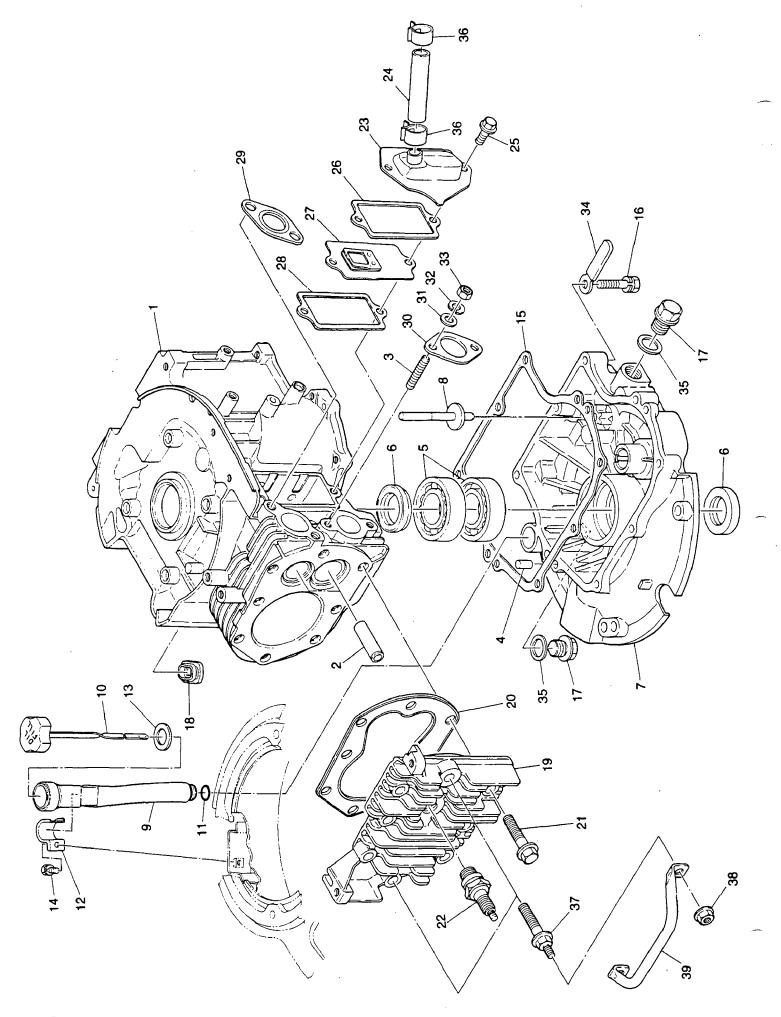
5. CRANKCASE, GEAR COVER AND CYLINDER HEAD GROUP WI-145V/WI-185V

REF.	PART NO.	DESCRIPTION	QTY.
5-1	EY226 10801 01	CYLINDER, CRANKCASE FOR MODEL W1-145V	1
2	EY227 14202 03	VALVE GUIDE FOR MODEL W1-145V	2
3	EY010 50601 31	STUD, INTAKE MANIFOLD, MOUNTING, 6mm x 33mm LONG	2
4	EY031 00600 10	DOWEL PIN	1
5	EY060 02500 10	BEARING, CRANKSHAFT MAIN	2
6	EY044 02500 70	OIL SEAL, CRANKCASE, GEAR	2
7	EY226 11203 01	GEAR COVER ASSY. (Includes items 5,6 & 8)	1
8	x	SHAFT, GOVERNOR GEAR	1
9	EY226 63707 03	OIL FILLER TUBE	1
10	EY226 63602 01	OIL DIPSTICK	1
11	EY006 26101 50	OIL FILLER O-RING	1
12	EY226 67001 03	CLAMP (OIL FILLER)	1
13	EY021 31800 10	GASKET	1
14	EY001 10061 00	BOLT & WASHER ASSY.	1
15	x	GASKET, GEAR COVER	1
16	EY013 00600 40	SCREW/WASHER, GEAR COVER MOUNTING, 6mm x 30mm LONG, HEX HEAD	8
17	EY227 63600 07	OIL DRAIN PLUG WITH GASKET	2
18	EY227 75001 03	GROMMET, IGNITION WIRE MODEL W1-145V ONLY	1
19	EY226 13301 13	CYLINDER HEAD FOR MODEL W1-145V	1
20	EY226 15001 11	GASKET, CYLINDER HEAD FOR MODEL W1-145V	1
21	x x x x x x x x	SCREW, CYLINDER HEAD MOUNTING 8mm x 49mm FLANGE HEAD	8
22	EY065 01403 70 (OPTIONAL)	SPARK PLUG, WITH GASKET NGK BM4A, CHAMPION CJ14	1
23	EY226 16001 01	COVER, VALVE TAPPET	1
24	EY085 10800 00	TUBE, INSPECTION COVER BREATHER	1



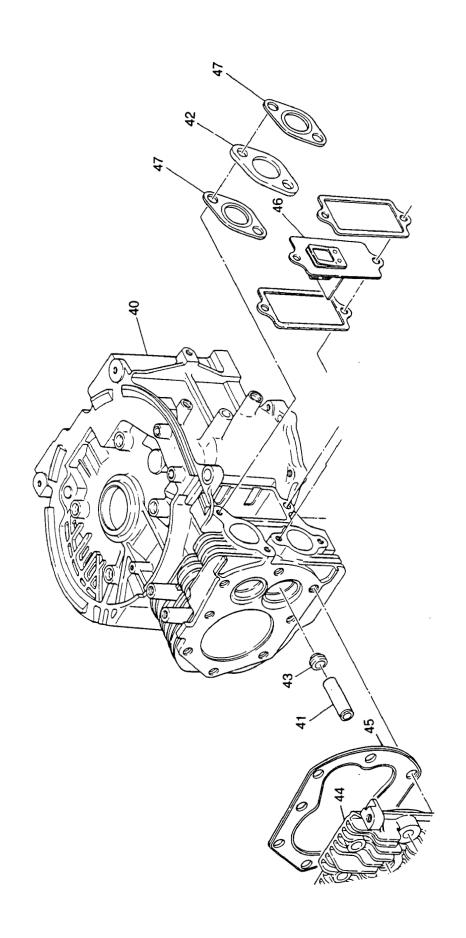
5. CRANKCASE, GEAR COVER AND CYLINDER HEAD GROUP — WI-145V/WI-185V

REF.	PART	DESCRIPTION	QTY.
NO.	NO.		
5-25	EY011 00600 20	SCREW, TAPPET COVER 6mm x 12mm LONG, HEX FLANGE HEAD	2
26 27	X X X X X X X EY226 16101 01	GASKET, TAPPET COVER BREATHER PLATE FOR MODEL W1-145V	1
28 29	X X X X X X X EY226 35201 11	GASKET, BREATHER PLATE GASKET, MUFFLER MOUNTING	1 1 1
30	* * * * * * * *	FOR MODEL W1-145V GASKET, INTAKE MANIFOLD FLANGE	1
31	EY003 11060 00	WASHER, INTAKE MANIFOLD FLANGE 6.4 I.D. x 11.5 O.D. PLAIN STEEL	1
32	EY003 20060 00	LOCKWASHER, MANIFOLD MOUNTING 6mm SPRING LOCK	2
33	EY002 27060 00	NUT, INTAKE MANIFOLD MOUNTING 6mm THREAD, HEX STEEL	2
34	EY226 75101 03 EY226 99006 07	CLAMP, FUEL LINE SUPPORT ENGINE GASKET SET (FOR MODEL W1-145V)	1
		Includes the following: GEAR COVER (Ref. 15) CYLINDER HEAD (Ref. 20) TAPPET COVER (Ref. 26) BREATHER PLATE (Ref. 28) MUFFLER MOUNTING (Ref. 29) CARBURETOR INTAKE MANIFOLD	1 1 1 1 1
	EY227 99004 07	(Ref. 30) OIL FILLER O-RING (Ref. 11) OIL DIPSTICK GASKET (Ref. 13) OIL SEAL DRAIN PLUG (Ref. 35) ENGINE GASKET SET FOR MODEL W1-185V	1 1 2 1
	·	Includes the following: GEAR COVER (Ref. 15) CYLINDER HEAD (Ref. 20) TAPPET COVER (Ref. 26) BREATHER PLATE (Ref. 28) CARBURETOR INTAKE MANIFOLD (Ref. 30) MUFFLER MOUNTING (Ref. 29) OIL DIPSTICK GASKET (Ref. 13) OIL SEAL DRAIN PLUG (Ref. 35) OIL FILLER O-RING (Ref. 11)	1 1 1 1 1 2 1 2



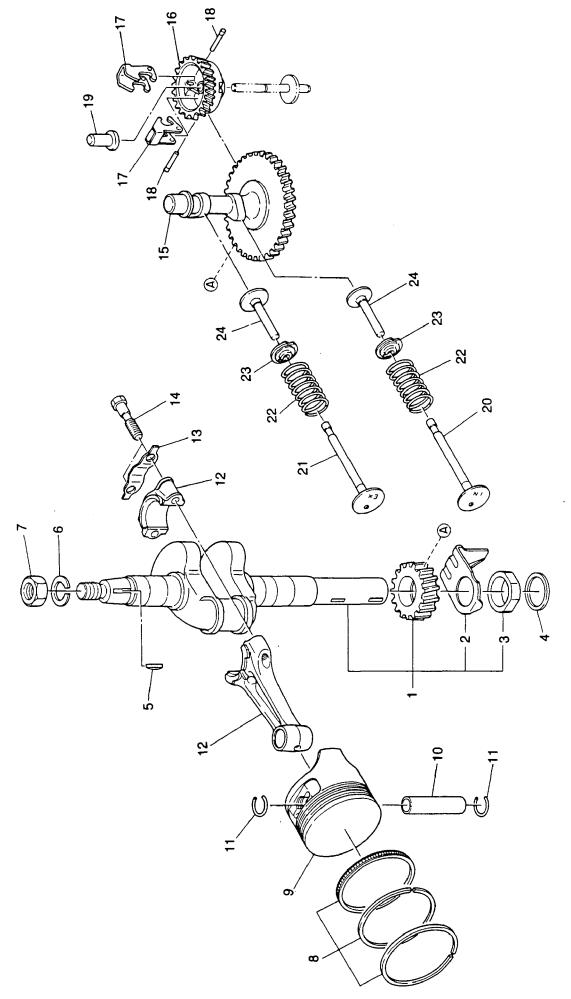
5. CRANKCASE, GEAR COVER AND CYLINDER HEAD GROUP WI-145V/WI-185V

REF.	PART NO.	DESCRIPTION	QTY.
5-35	EY021 11400 20	OIL SEAL, DRAIN PLUG	2
36	EY056 11200 40	HOSE CLAMP	2
37	EY226 17001 01	BOLT	2
38	EY002 38060 00	FLANGE NUT	2
39	EY226 77510 01	PLUG GUARD	1



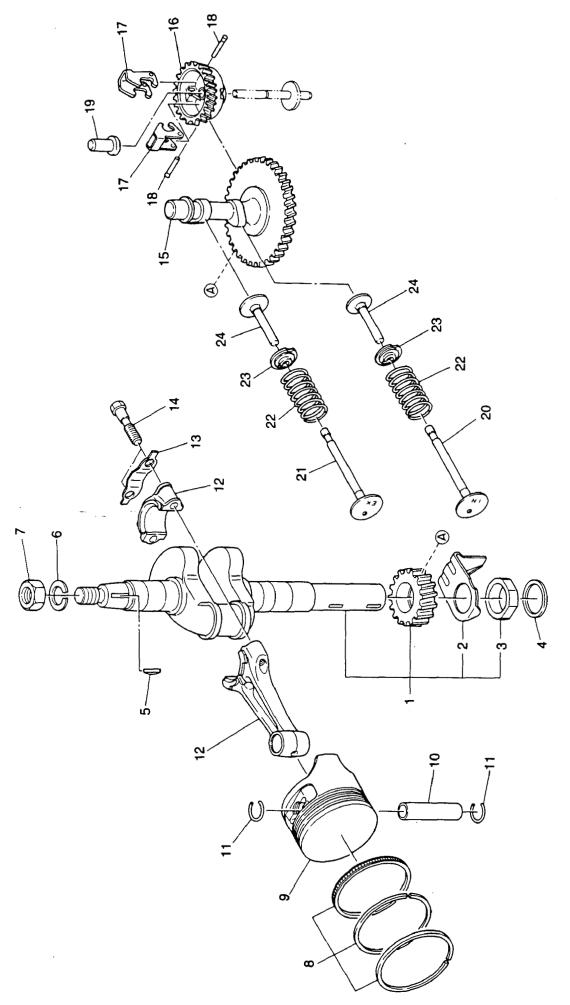
5A. PARTS ABOVE WI-185V ONLY.

REF.	PART NO.		DESCRIPTION	QTY.
5A-40	EY227 10301	01	CYLINDER, CRANKCASE FOR MODEL W1-185V	1
41	EY227 14204	03	VALVE GUIDE	2
42	EY227 36511	03	FOR MODEL W1-185V EXHAUST FLANGE FOR MODEL W1-185V	1
43	EY227 16301	03	OIL SEAL, INTAKE VALVE FOR MODEL W1-185V	1
44	EY227 13301	03	CYLINDER HEAD FOR MODEL W1-185V	1
45	EY227 15001	11	GASKET, CYLINDER HEAD FOR MODEL W1-185V	1
46	EY227 16101	01	BREATHER PLATE FOR MODEL W1-185V	1
47	EY214 35201	11	GASKET, MUFFLER MOUNTING FOR MODEL W1-185V	2



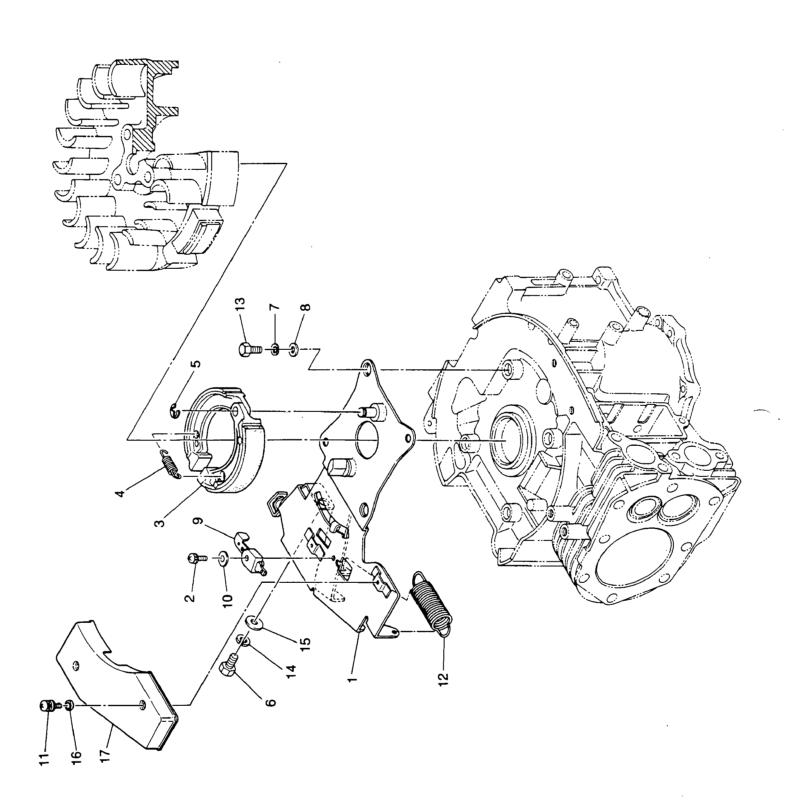
6. CRANKSHAFT, CAMSHAFT, PISTON, ROD AND VALVE GROUP.

REF.	PART	DESCRIPTION	QTY.
NO.	NO.		
6-1		CRANKSHAFT, ASSY. (Includes items 2 & 3)	1
	EY226 25001 01	T.O. LENGTH, 2.72" (69.1mm) FOR MODEL W1-145V	
	EY227 25001 01	FOR MODEL W1-185V	
ا ء	EY226 23102 03	SCRAPER, CRANKSHAFT, OIL	1 1
2 3 4	EY226 26001 03	LOCK, OIL SCRAPER	;
3	EY023 02501 10	SHIM "A" .021 to .026" THICK	1 1
*	EY023 02501 10	SHIM "B" .028 to .0343" THICK	' [
	EY023 02501 30	SHIM "C" .036 to .0425" THICK	} {
_	EY032 30300 10	KEY, FLYWHEEL, 3mm, WOODRUFF	1
5 6	EY003 20140 00	LOCKWASHER, FLYWHEEL NUT,	i
0	E1003 20140 00	14mm SPRING LOCK	'
7	EY002 18140 00	NUT, FLYWHEEL MOUNTING,	1 1
,	E1002 10140 00	14mm THREAD, HEX STEEL	'
8		RING SET, STANDARD SIZE	1
٦	EY226 23501 07	FOR MODEL W1-145V	'
	EY227 23501 07	FOR MODEL W1-185V	l I
	E122/ 2330; 0/	Includes the following:	1
1		COMPRESSION RING	1 1
		SCRAPER RING	1 1 1
		OIL RING	1 1
		.010" (0.25mm) OVERSIZE RING	
	,	SET	
1	EY226 23502 07	FOR MODEL W1-145V	
	EY227 23502 07	FOR MODEL W1-185V	
		.020" (0.50mm) OVERSIZE RING	
1		SET	
	EY226 23503 07	FOR MODEL W1-145V	
	EY227 23503 07	FOR MODEL W1-185V	
9		PISTON, STANDARD SIZE	1
	EY226 23401 03	FOR MODEL W1-145V]
]	EY227 23401 03	FOR MODEL W1-185V	
]	i		Li



6. CRANKSHAFT, CAMSHAFT, PISTON, ROD AND VALVE GROUP

REF.	PART	DESCRIPTION.	QTY.
NO.	NO.		
6- 9		PISTON	
		.010" (0.25mm) OVERSIZE	
	EY226 23402 (FOR MODEL W1-145V	l i
	EY227 23402 (FOR MODEL W1-185V	
		.020" (0.50mm) OVERSIZE	1
		PISTON	4
	EY226 23403 (FOR MODEL W1-145V	
	EY227 23403 (FOR MODEL W1-185V	ļ
6-10	EY214 23301 (1 1
	EY056 51400	•	2
12		CONNECTING ROD, ASSY.	1 1
. =		(Includes items 13 & 14)	[
	EY226 22503 (]
	EY227 22503 (
13		LOCK PLATE	1 1
, ,	EY205 23201 ('
	EY227 23202 (
14	B1227 23202 (1	2
172	EY226 23001 ("
	EY227 23001 (
	EY226 22504 (
	D1220 22304 (CONNECTING ROD	
15		- CAMSHAFT ASSY.	1 1
, ,	EY226 31701 ('
	EY227 31701 (
16	EY226 45201 (i e e e e e e e e e e e e e e e e e e e	1
סו	£1220 43201 ('
17	x	(Includes items 17,18 & 19)	
	X		
			2
19	EY205 41901 (1	2 2 1 1
20	EV226 22401	INTAKE VALVE	'
	EY226 33401 (
2.4	EY227 33402 (.
21	EW326 32501	BAHAOSI VALVE	1
	EY226 33501 (}
0.0	EY227 33501 (
22	EY227 33601 (2
23	EY227 33701 (· · ·	2
24		VALVE TAPPET	2
	EY226 33301 (
	EY227 33301 (FOR MODEL W1-185V]



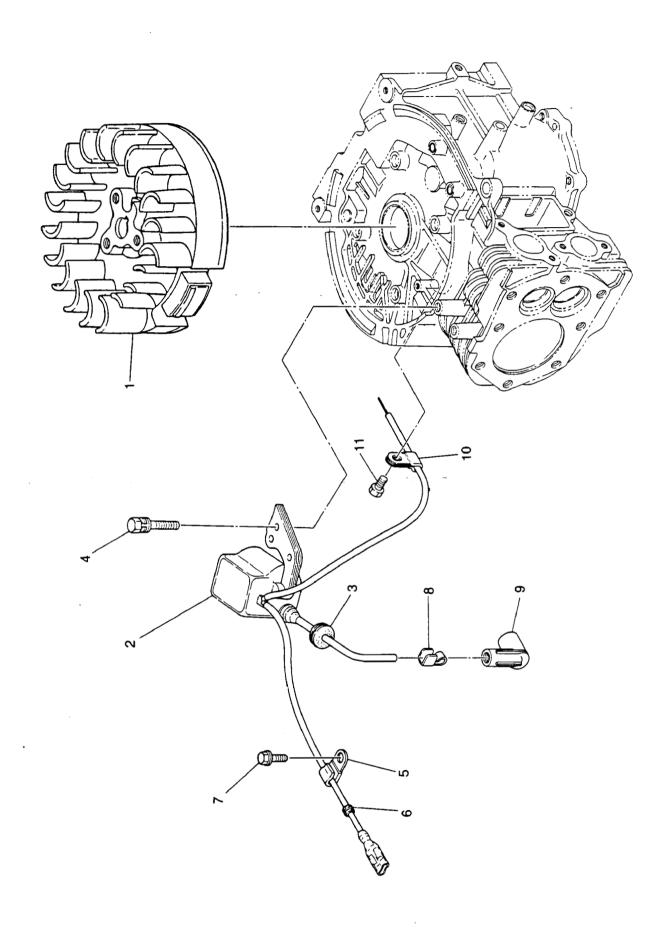
REF.	PART			DESCRIPTION	QTY.
NO.	NO.				
				FOR W1-145V ONLY	
	EY226 8	26006	00		
				BRAKE HOLDER ASSY.	' '
7-1	EY226 8	50005	00	BRAKE ASSY.	l I
1				(Includes items 3,4,5,6,7,8,	·
				12,13,14 & 15)	_
2	EY004 3		-	SCREW	1
3	EY226 8			BRAKE SHOE	2
4	EY226 8	36101	01	RETURN SPRING	1
5	EY003 1	13060	00	CLIP	1
2 3 4 5 6 7	EY001 6	65061	80	BOLT	4
7 -	EY003 2	20060	00	LOCK WASHER	4
8 9	EY020 0	00600	70	WASHER	4
9	EY226 7	72703	11	STOP SWITCH	1
10	EY020 0	00400	20	WASHER	1
11	EY004 3			SCREW/WASHER ASSY.	2
12	EY226 8			BRAKE SPRING	1
13	EY001 6		- 3	BOLT	i
14	EY003 2			LOCK WASHER	1 1
15	EY003 1			WASHER	1
16	E1003 (1	SPACER	2
4					1 4
17	EY226 7	/ / 60 [0.3	STOP SWITCH COVER	

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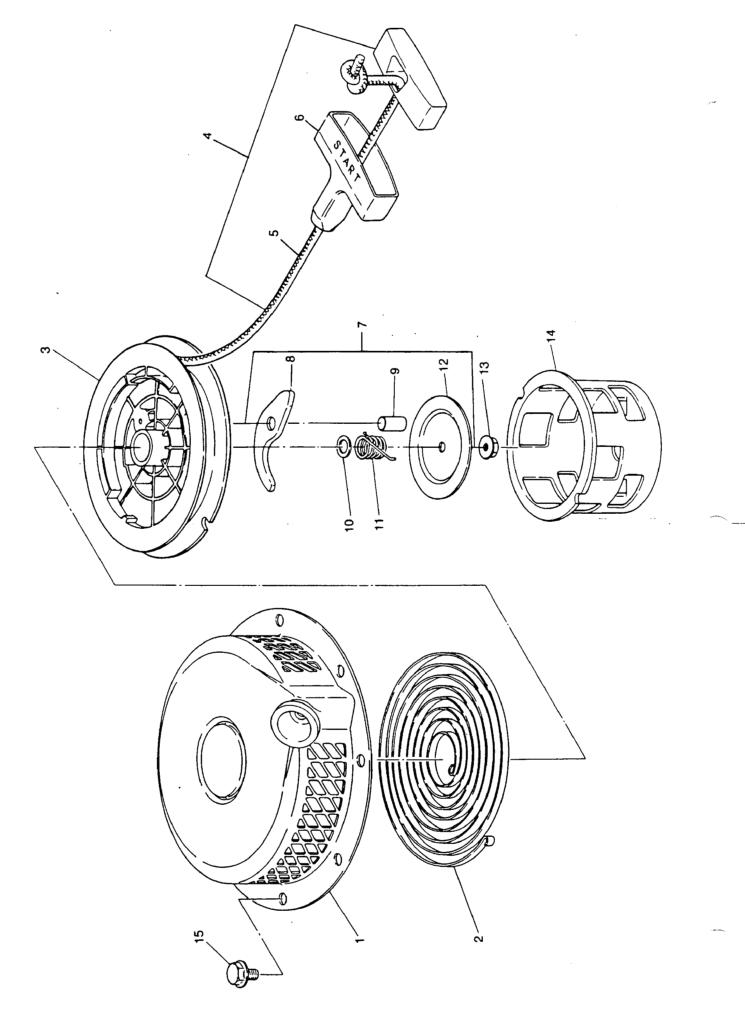
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8. IGNITION GROUP

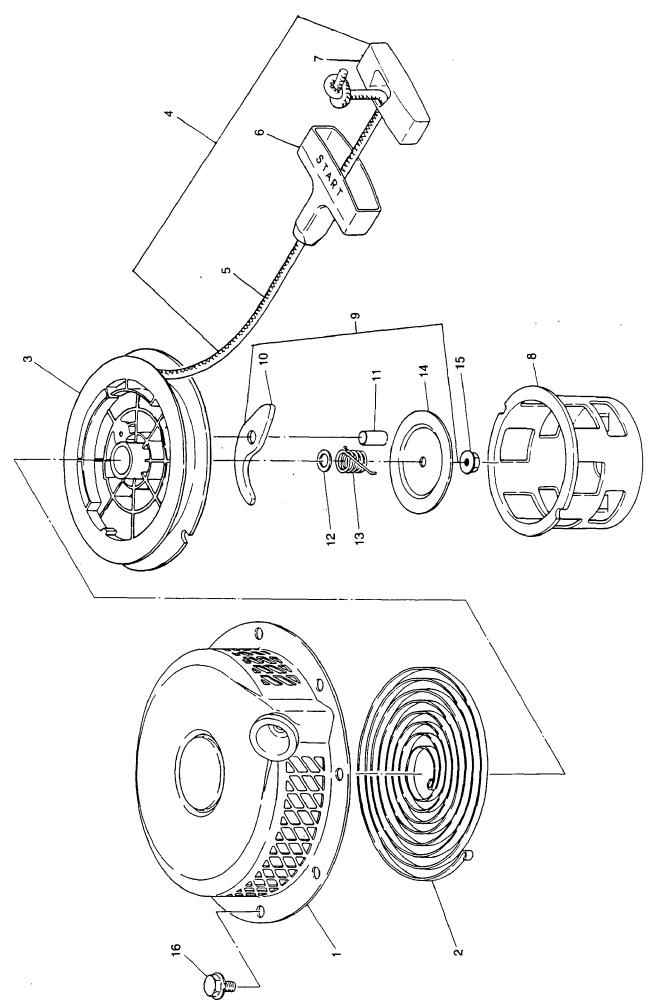
REF.	PART NO.			DESCRIPTION	QTY.
8-1	EY226	70123	08	FLYWHEEL, (W1-145V)	1
_	EY227			FLYWHEEL, (W1-185V)	1
2			_	IGNITION COIL ASSY.	1
	EY226	70142	08	FOR MODEL W1-145V	1
	EY227	70143	08	FOR MODEL W1-185V	
3	EY226	70245	08	GROMMET	1
4	EY001	17062	50	SCREW/WASHER, IGNITION COIL	1
]			MOUNTING, 6mm x 25mm LONG	
				HEX HEAD	
5	EY214	79006	01	CLAMP, GROUND WIRE	2
6	EY226	70246	80	GROMMET, SPARK PLUG WIRE	1
7	EY013	00601	10	SCREW, GROUND WIRE CLAMP	2
				6mm x 8mm, LONG HEX FLANGE	j
				HEAD	
8	EY065	50001	00	TERMINAL, SPARK PLUG WIRE	1
9	EY230	75101	13	CAP, SPARK PLUG TERMINAL	1
10.	EY056	60500	10	CLAMP	1 1
11	EY001	65081	20	BOLT	1
					<u> </u>



9. RECOIL STARTER ASSY. (WI-145V ONLY)

REF.	PART NO.	DESCRIPTION	QTY.
13	EY226 50915 10 X X X X X X X EY215 50515 08 EY226 50121 08 EY226 50108 08 X X X X X X X X X X X X X EY227 50102 07 X X X X X X X X X X X X X X X X X X X	ITEMS 1-15 ARE FOR W1-145V MODEL ONLY RECOIL STARTER, COMPLETE HOUSING POWER SPRING REEL ROPE, ASSY. (Includes items 5 & 6) ROPE HANDLE HARDWARE KIT, RECOIL STARTER (Includes items 8-12) RATCHET RATCHET PIN THRUST WASHER FRICTION SPRING FRICTION PLATE NUT PULLEY, STARTING SCREW, RECOIL STARTER MOUNTING, 6mm x 8mm LONG, HEX FLANGE HEAD	1 1 1 1 1 1 1 1 1 1 1

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10. RECOIL STARTER ASSY. (WI-185V ONLY)

REF.	PART NO.	DESCRIPTION	QTY.
10-1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	EY227 50406 00 X X X X X X X EY215 50515 08 EY226 50121 08 EY226 50108 08 X X X X X X X X X X X X X X X X X X X	ITEMS 1-15 ARE FOR W1-185V MODEL ONLY RECOIL STARTER, COMPLETE HOUSING POWER SPRING REEL ROPE ASSEMBLY (Includes items 5-7) ROPE HANDLE REINFORCEMENT PULLEY, STARTING HARDWARE KIT, RECOIL STARTER (Includes items 10-14) RATCHET RATCHET PIN THRUST WASHER FRICTION SPRING FRICTION PLATE FLANGE NUT SCREW, RECOIL STARTER MOUNTING, 6mm x 8mm LONG, HEX FLANGE HEAD	1 1 1 1 1 1 1 1 1 1 1