

# 8. PARTS

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## a) Wyco drawings

<u>Description</u>	<u>Drawing #</u>
Back pack assembly	402000
Frame assembly	402001
Speed increaser assembly	402002
Quick disconnect	402128
Replacement Clutch Kit	402006

**b) Robin engine parts** (When Wyco #s are listed, they are available directly from Wyco.)

**c) Robin engine warranty**

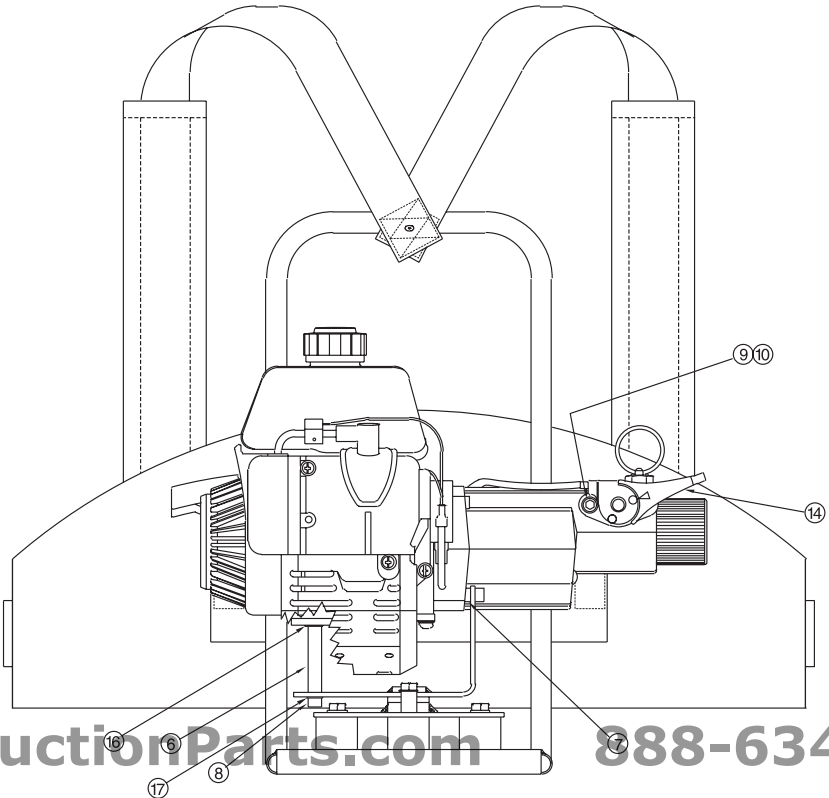
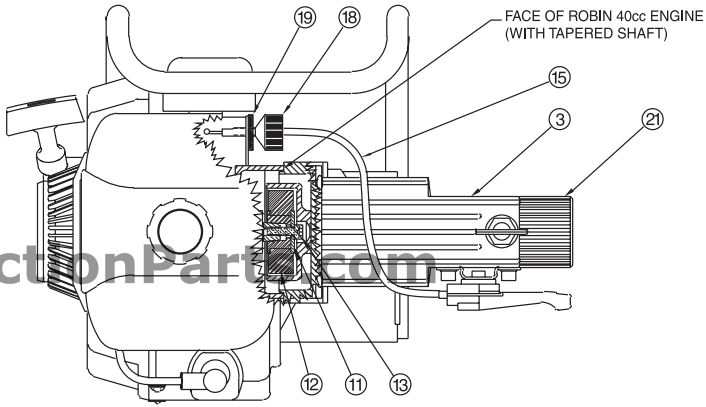
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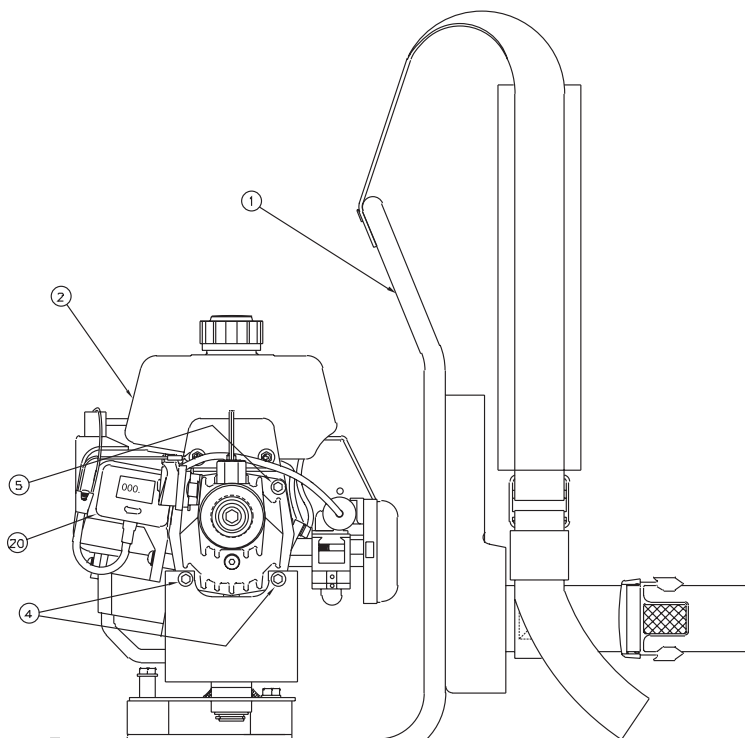
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# 402000 – ASSY. BACKPACK UNIT

NOTE: THIS VIEW DOES NOT SHOW SHOULDER STRAP

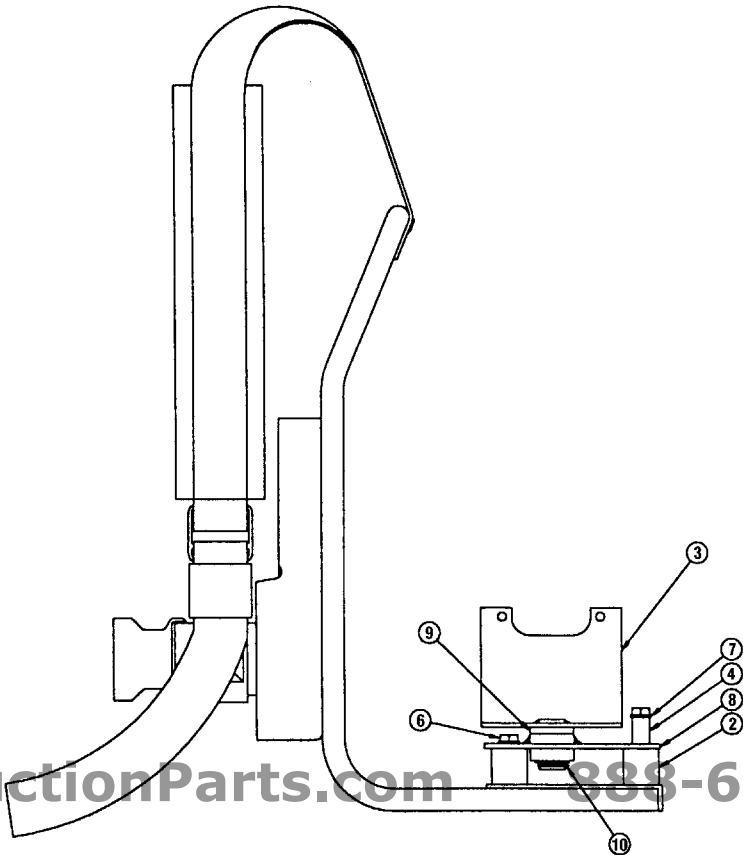


ITEM	PART #	QTY.	DESCRIPTION	ITEM	PART #	QTY.	DESCRIPTION
1	402001	1	ASSY. FRAME, BACK- PACK UNIT; ROBIN	11	402168	1	WASHER, FLAT; CLUTCH
2	402100	1	ENGINE, ROBIN; 40.2cc; AIR COOLED	12	402167	1	CLUTCH, CENTRIFICAL
3	402002	1	ASSY. SPEED INCREASER; BACKPACK	13	402169	1	SCREW, SOCKET HEAD CAP; SELF LOCK, M6 X 20mm
4	402113	2	SCREW, SOCKET HEAD CAP; M6 x 45mm	14	402148	1	LEVER, THROTTLE; BACKPACK; ROBIN
5	402114	2	SCREW, SOCKET HEAD CAP; M6 x 30mm	15	402149	1	CABLE, THROTTLE; BACKPACK; ROBIN
6	402122	1	STANDOFF, LONG; BACKPACK; BLACK OXIDE	16	402139	1	WASHER, FLAT; ENGINE MOUNT; M6
7	402123	2	STANDOFF, SHORT; BACKPACK; BLACK OXIDE	17	402140	1	WASHER, LOCK; ENGINE MOUNT; M6
8	402120	1	SCREW, SOCKET HEAD CAP; M6 x 70mm	18	402143	1	ADJUSTER, SPEED LIMITER; BACKPACK
9	402116	2	SCREW, SOCKET HEAD CAP; 1/4-20 x 3/8	19	402144	1	WHEEL, LOCKING; ADJUSTER; BACKPACK
10	402117	2	WASHER, LOCK; STEEL, 1/4"	20	402154	1	METER, RPM/HOUR
				21	402128	1	ADAPTOR, QUICK DISCONNECT, BLACK OXIDE

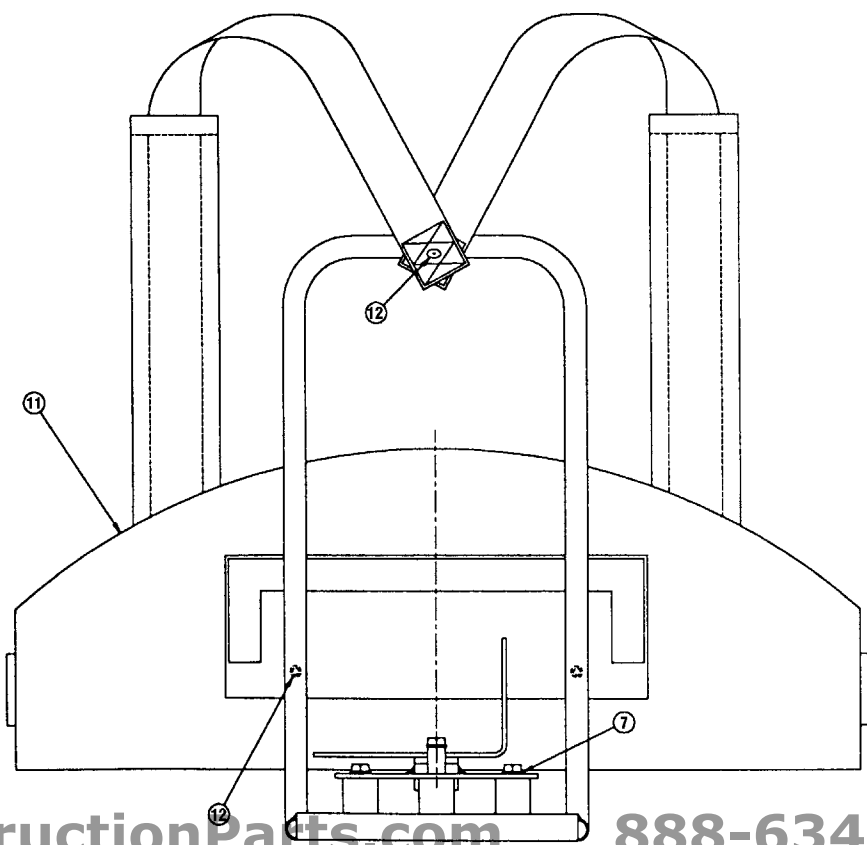
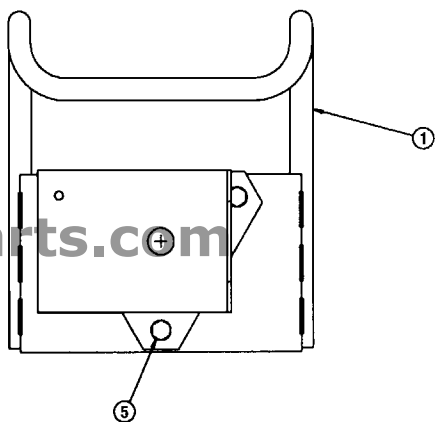


# 402001 – ASSY. FRAME BACKPACK UNIT

ITEM	PART #	QTY.	DESCRIPTION	ITEM	PART #	QTY.	DESCRIPTION
1	402115	1	FRAME, BACKPACK; BEND/WELD	7	883126	6	WASHER, LOCK; 5/16"
2	402111	3	ISOLATOR, RUBBER; BACKPACK	8	402103	1	PLATE, MOUNTING; ISOLATOR; BACKPACK
3	402138	1	ASSY, BRACKET; ENGINE MOUNT; BACKPACK	9	402112	1	BEARING, OIL-IMPREG; FLANGE; BACKPACK
4	402147	1	BUMPER, STANDOFF; BACKPACK; BLACK OXIDE	10	402109	1	RING, RETAINING; EXTERNAL
5	402145	1	SCREW, HEX HEAD CAP; 5/16 x 1.25	11	402129	1	SHOULDER STRAP, BACKPACK UNIT
6	402108	5	SCREW, HEX HEAD CAP; 5/16 x .50	12	415311	3	RIVET, POP; STEEL PLATED



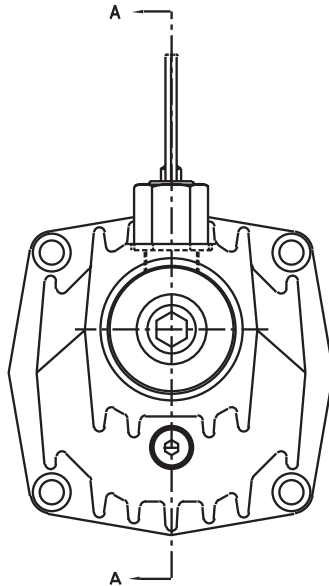
NOTE: THIS VIEW DOES NOT SHOW SHOULDER STRAP

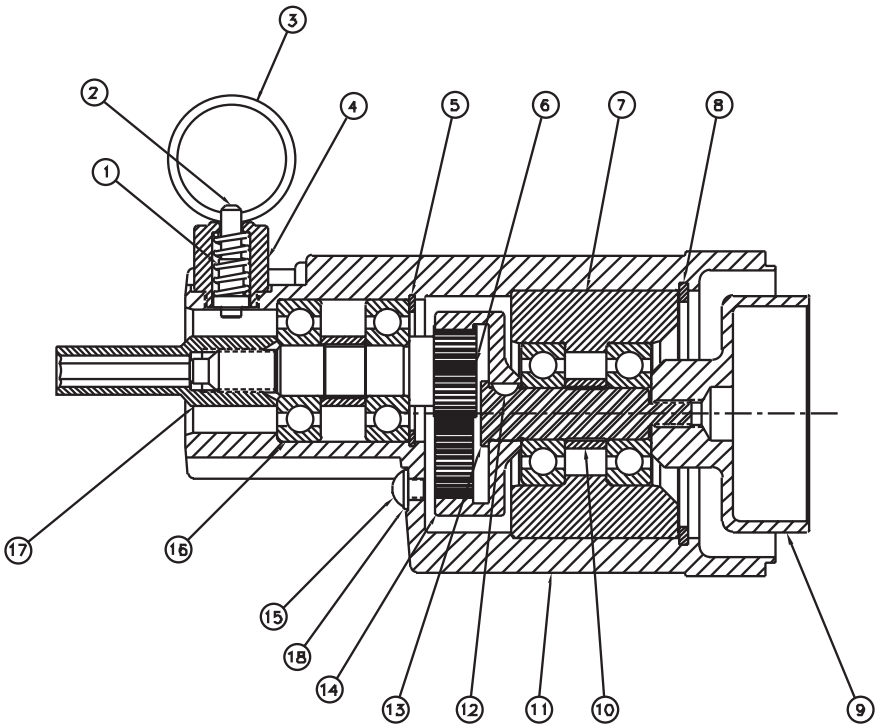


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# 402002 – ASSY, SPEED INCREASER

ITEM	PART #	QTY.	DESCRIPTION	ITEM	PART #	QTY.	DESCRIPTION
1	803701	1	SPRING, C0390-047-1000-S	11	402102	1	HOUSING, SPEED INCREASER; MACHINED
2	343703	1	PLUNGER, BLACK OXIDE	12	612210	1	KEY, WOODRUFF
3	703701	1	RING, SPLIT	13	402104	1	SHAFT, INPUT; SPEED INCREASER
4	113706	1	PLUNGER BODY; BLACK OXIDE	14	402133	1	GEAR, INTERNAL
5	402125	1	RING, RETAINING; INTERNAL	15	402152	1	SCREW, BUTTON CAP; 1/4-28 X .25
6	402126	1	SHAFT, PINION GEAR	16	419661	4	BEARING, BALL; DEEP GROOVE
7	402105	1	BEARING ADAPTER; SPEED INCREASER	17	402136	1	DRIVER, HEX; BACK-PACK; BLACK OXIDE
8	402107	1	RING, SNAP; STEEL	18	402153	1	WASHER, NYLON; .252 ID X .472 OD
9	402166	1	CLUTCH DRUM				
10	402131	2	SPACER, BEARING				





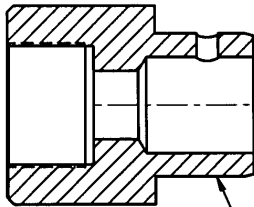
SECTION A-A  
(PARTIAL VIEW)

# 402128 – QUICK DISCONNECT, BP

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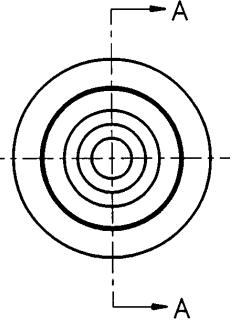
**FLEX SHAFT  
CASING END**



SECTION A-A

1

**BACK PACK  
SPEED  
INCREASER**



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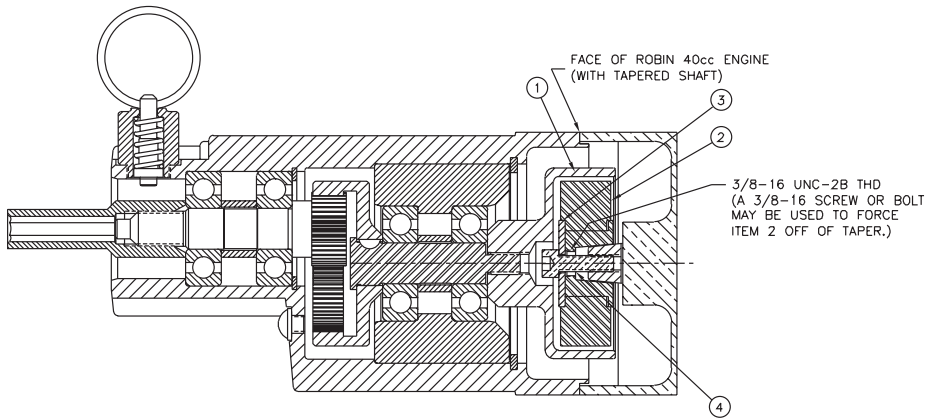
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# 402006 – REPLACEMENT CLUTCH KIT

REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
	402166	DRUM, CLUTCH; NORAM	1		
	402167	ASSY, CLUTCH; NORAM	1		
	402168	WASHER, FLAT; CLUTCH	1		
	402169	SCREW, SOCKET HEAD CAP; SELF LOCK; M6 X 20mm	1		

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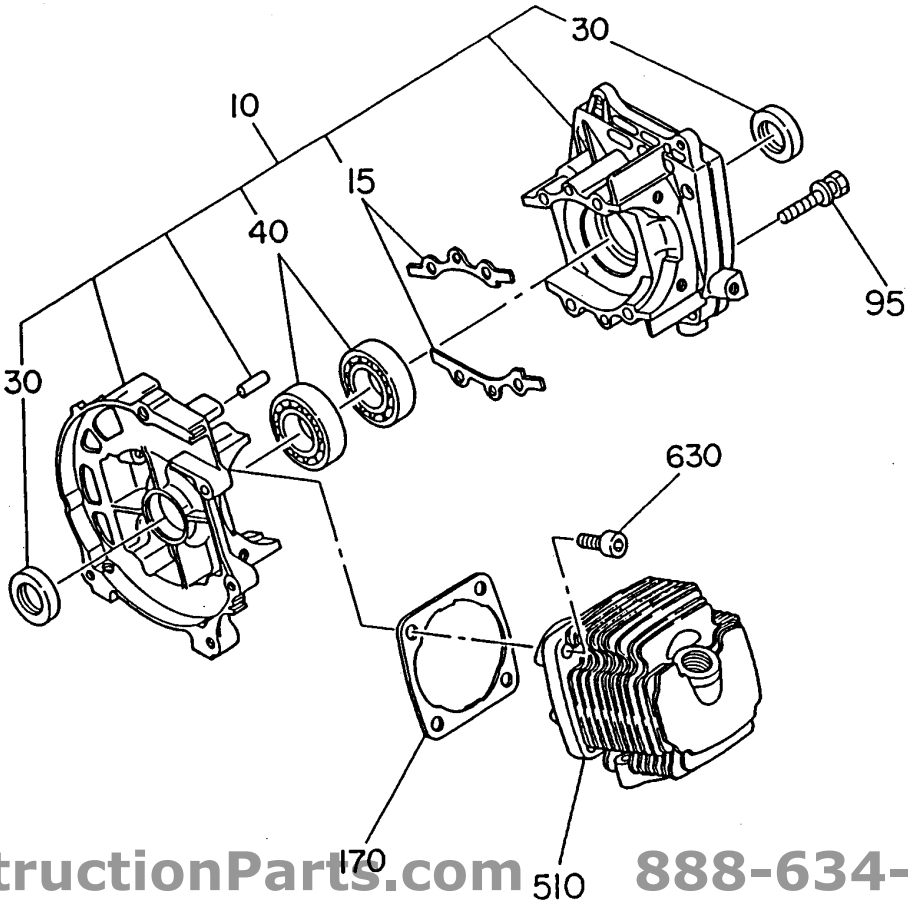
**ROBIN  
PARTS  
CATALOG**

(When Wyco part numbers  
are listed, they are  
available directly  
from Wyco.)

# FIG. 100 – CRANKCASE & CYLINDER

REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
10	541-10050-00	CRANKCASE CP	1		
15	541-15012-00	GASKET (CRANKCASE)	1		
30	044-01599-71	OIL SEAL	2	TC15257	KN21-116A
40	060-01598-80	BALL BEARING	2	BB6202C3	
95	011-90599-40	SOCKET HEAD BOLT	4		EC03-9302
170	541-15005-00	CYLINDER PACKING	1		
510	541-15003-00	CYLINDER	1		
630	011-90699-90	SOCKET HEAD BOLT	4		EC03-152

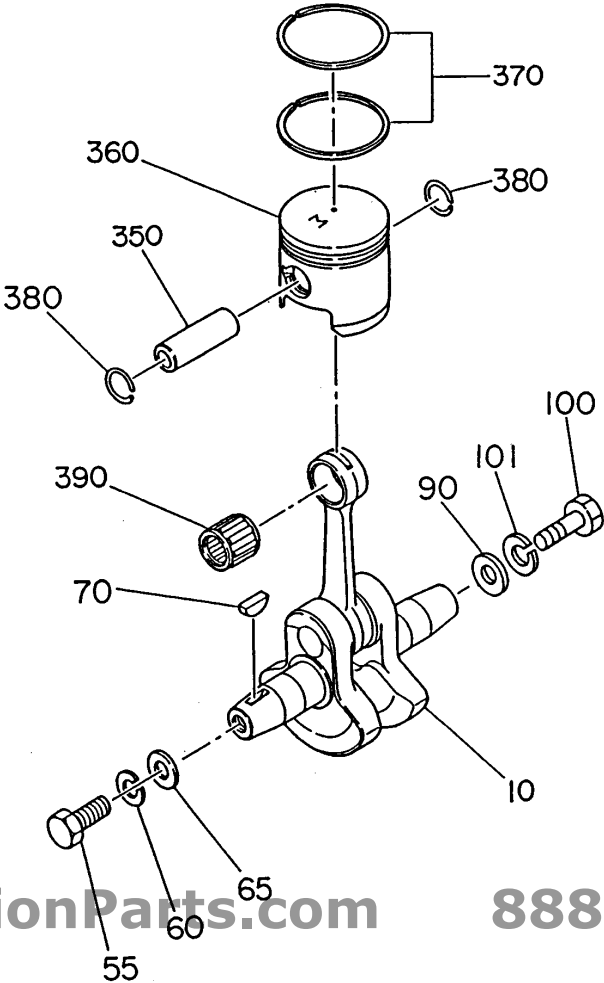
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# FIG. 200 – CRANKCASE & PISTON

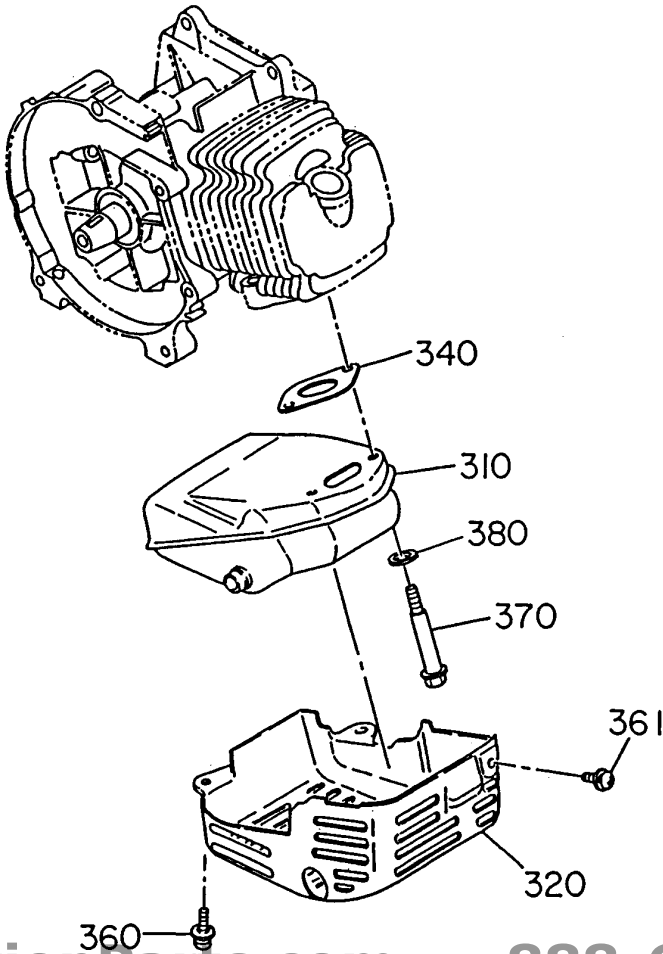
REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
10	541-20010-00	CRANKSHAFT AY	1		
55	001-67061-60	BOLT	1		
60	003-20060-00	SPRING WASHER	1		
65	020-00699-20	WASHER	1		
70	032-30399-90	WOODRUFF KEY	1		
90	620-25006-00	WASHER	1		NB02A-207
100	001-66061-60	BOLT	1		
101	003-20060-00	SPRING WASHER	1		
350	541-25003-00	PISTON PIN	1		
360	541-25008-00	PISTON	1		
370	540-25006-00	PISTON RING	2		EC04-210A
380	056-50999-90	CLIP	2		
390	541-25013-00	NEEDLE BEARING	1		



# FIG. 300 – MUFFLER

REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
310	532-30060-00	MUFFLER CP	1	Wyco #402201	
320	541-35001-00	MUFFLER COVER	1	Wyco #402226	
340	532-35002-00	GASKET (MUFFLER)	1	Wyco #402225	
360	004-37061-60	SCREW AY	2		
361	004-37051-40	SCREW AND WASHER AY	1		
370	011-90698-30	SOCKET HEAD BOLT	2		
380	003-10060-00	WASHER	2		

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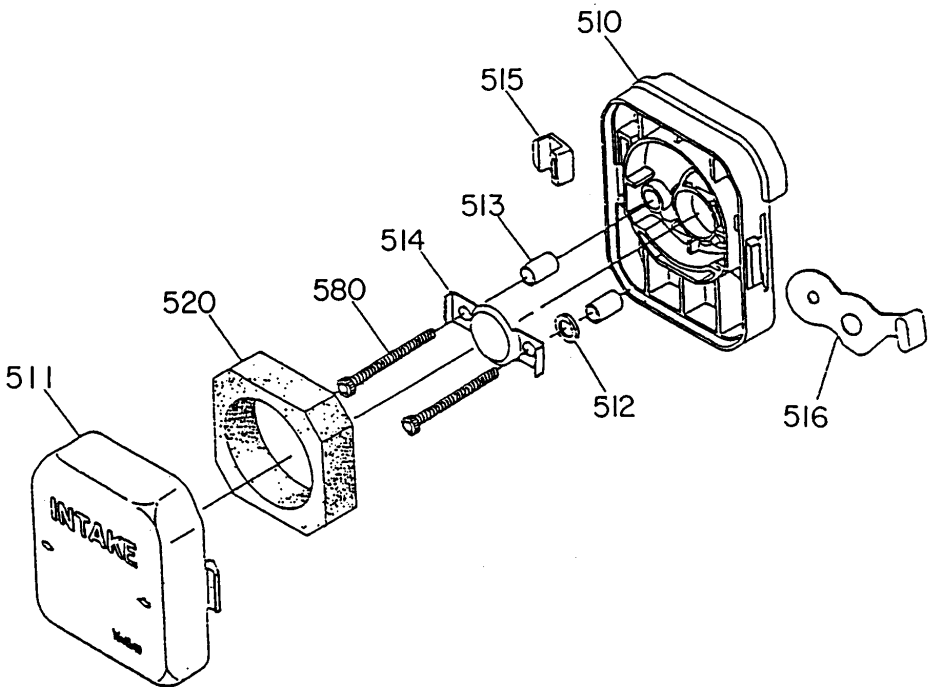
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# FIG. 310 – AIR CLEANER

REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
510	541-30440-10	HOUSING	1	Wyco #402227	
511	523-30130-20	CLEANER COVER	1	Wyco #402202	
512	531-30030-50	WASHER	1		
513	523-30130-30	SLEEVE	2		
514	523-30130-40	PLATE	1		
515	531-30031-10	CLIP	1		
516	531-30030-30	CHOKE VALVE	1		
520	541-30440-20	FILTER	1	Wyco #402203	
580	011-90598-10	SOCKET HEAD BOLT	2		

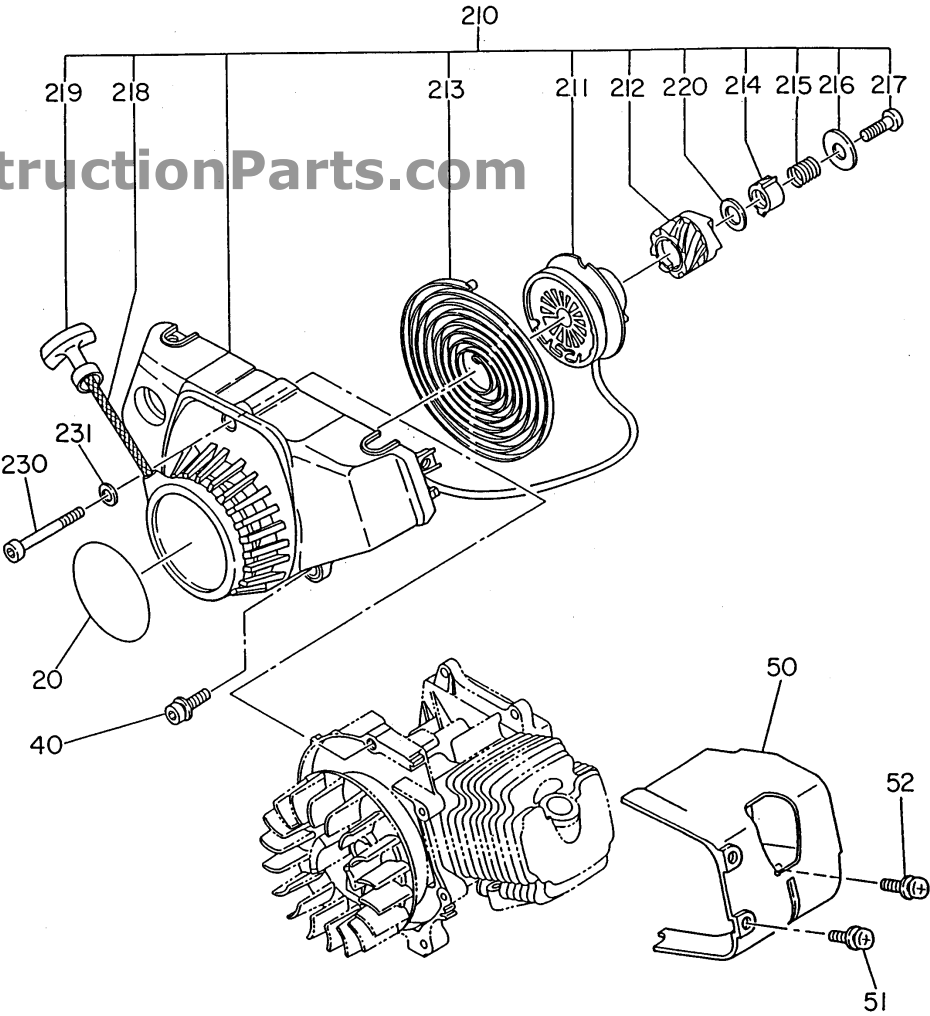
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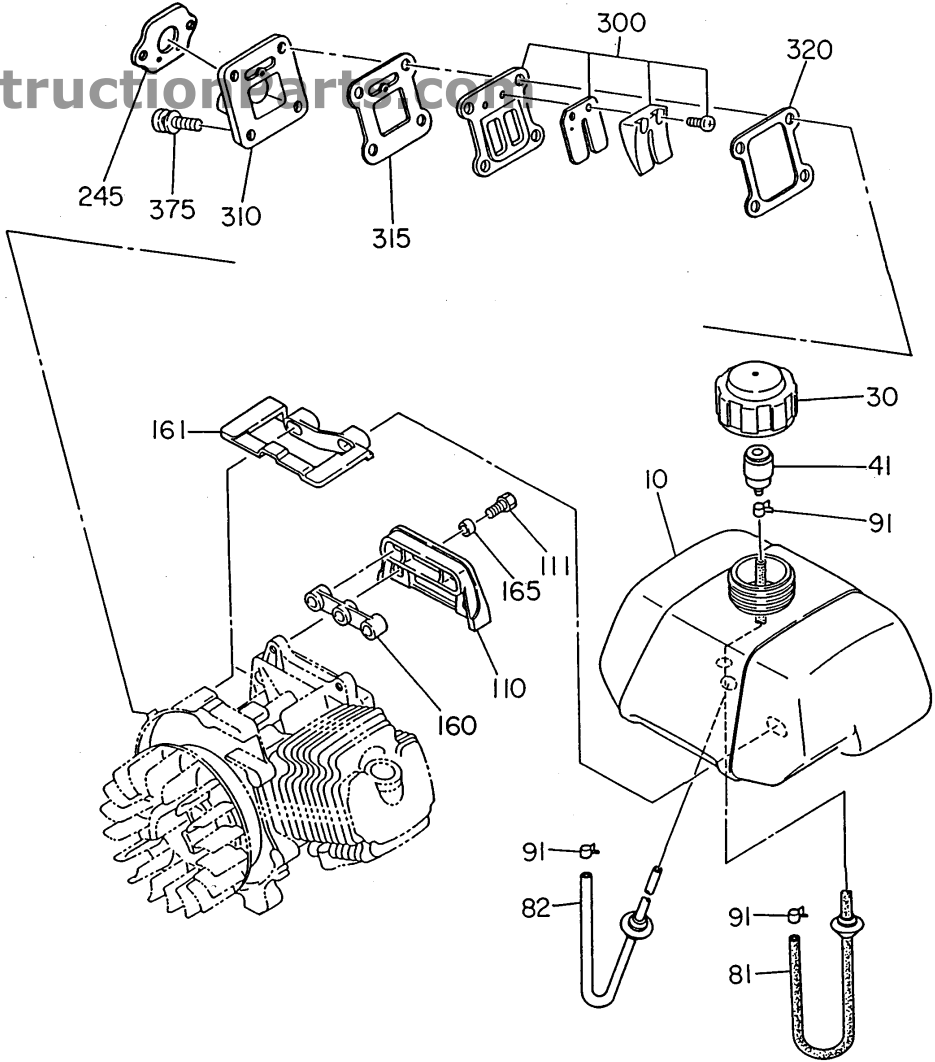
# FIG. 500 – RECOIL STARTER AY



REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
20	541-95002-00	LABEL (MODEL)	1		
40	011-90597-90	SOCKET HEAD BOLT	2		
50	541-55003-00	CYLINDER COVER	1		
51	004-37051-40	SCREW AND WASHER AY	1		
52	004-37052-00	SCREW AND WASHER AY	1		
210	541-50400-00	RECOIL STARTER AY	1	Wyco #402204	
211	541-50010-10	REEL	1	Wyco #402205	
212	541-50010-20	RATCHET	1	Wyco #402206	
213	541-50010-30	SPIRAL SPRING	1	Wyco #402207	
214	541-50010-40	RATCHET GUIDE	1	Wyco #402208	
215	541-50010-50	FRICTION SPRING	1	Wyco #402209	
216	541-50010-60	WASHER	1		
217	524-50010-10	BIND SCREW	1		
218	541-50011-40	STARTER ROPE	1	Wyco #402210	
219	530-50021-10	STARTER KNOBE CP	1	Wyco #402211	
220	541-50012-20	THRUST WASHER	1		
230	011-90596-60	SOCKET HEAD BOLT	1		
231	003-10050-00	WASHER	1		



# FIG. 600 - FUEL TANK



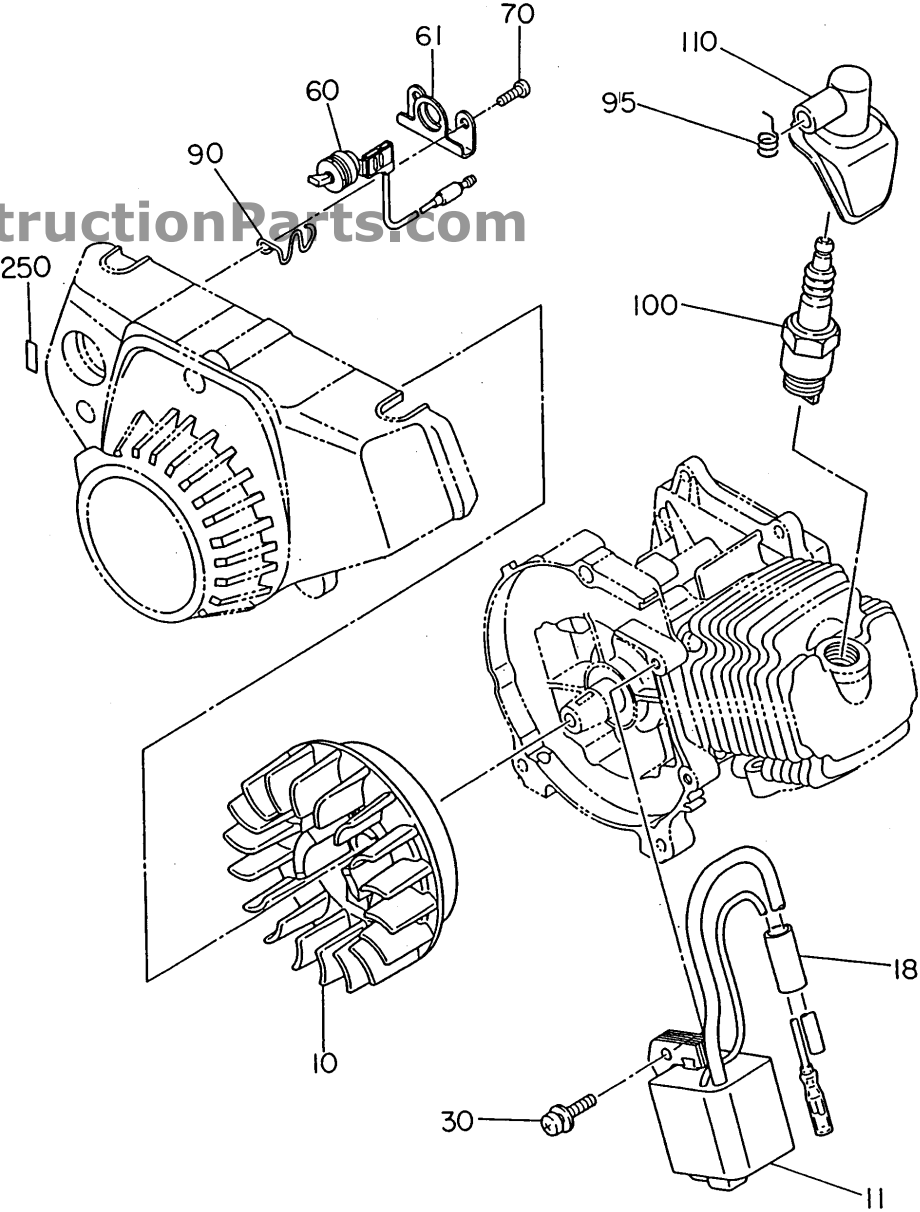
REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
10	541-65041-00	FUEL TANK	1	Wyco #402212	
30	531-60150-00	FUEL TANK CAP	1	Wyco #402213	
41	523-65039-00	FILTER	1	Wyco #402214	
81	085-12799-70	TUBE AY BLACK	1	Wyco #402215	
82	085-12899-60	TUBE AY CLEAR YELLOW	1	Wyco #402216	
91	056-10599-90	HOSE CLAMP	3	Wyco #402217	EC01A-6070
110	541-65003-00	TANK BRACKET CP	1		
111	001-17051-40	BOLT AY	2		
160	541-65011-00	RUBBER CUSHION (B)	1		
161	541-65019-00	RUBBER CUSHION (A)	1		
165	023-00599-90	SPACER	2		EC01A-6027
245	541-65040-00	GASKET CARBURETOR	1		
300	541-30060-00	LEAD VALVE AY	1		
310	540-30480-01	INSULATOR AY	1		
315	540-35006-00	GASKET INSULATOR	1		
320	541-35028-00	PACKING	1		
375	011-90596-40	SOCKET HEAD BOLT	4		

# FIG. 610 – CARBURETOR



REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
210	541-60460-00	CURBURETOR	1	Wyco #402218	
211	523-60461-30	BODY AY-PUMP	1		
212	501-60040-10	SCREEN	1	Wyco #402219	
213	531-60051-50	VALVE-INLET	1	NOT FOR SALE	
214	523-60461-20	SPRING	1	NOT FOR SALE	
215	523-60461-10	SCREW	1	NOT FOR SALE	
216	531-60055-10	PIN	1	NOT FOR SALE	
217	531-60055-50	LEVER	1	NOT FOR SALE	
218	523-60460-60	BODY AY-AIR PURGE	1		
219	523-60460-50	COVER	1		
220	524-60011-50	PUMP	1	Wyco #402220	
221	531-60052-50	DIAPHRAGM AY	1	Wyco #402228	
222	523-60460-40	GASKET	1	Wyco #402229	
223	524-60010-40	DIAPHRAGM	1	Wyco #402230	
224	524-60010-30	GASKET	1	Wyco #402231	
225	541-60460-10	JET	1		
226	524-60010-10	O-RING	1		
227	531-60051-20	RING	1		
228	523-60180-40	SWIVEL	1		
229	524-60012-40	SCREW	2		
230	523-60520-20	BRACKET	1		
231	531-60054-50	NUT	1		
232	521-60080-10	ADJUSTER SCREW	1		
233	523-60180-20	RING	1		
234	523-60460-10	SCREW	4		
235	523-60520-30	WASHER	1		

# FIG. 700 – MAGNETO



REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
10	541-70230-10	FLYWHEEL	1		
11	541-70230-20	IGNITION COIL	1	Wyco #402224	
18	541-75003-00	TUBE	1		
30	011-90597-90	SOCKET HEAD BOLT	2		
60	066-20097-20	STOP SWITCH	1	Wyco #402223	
61	541-75006-00	PLATE	1		
70	015-00499-80	TAPPING SCREW	2		
90	541-75001-00	EARTH SPRING	1		
95	065-40099-31	SPRING, PLUG CAP	1		
100	065-01497-10	SPARK PLUG	1	NGK BPM7A	Wyco #402221
110	541-75000-00	SPARK PLUG CAP	1		
250	073-62599-61	LABEL	1		

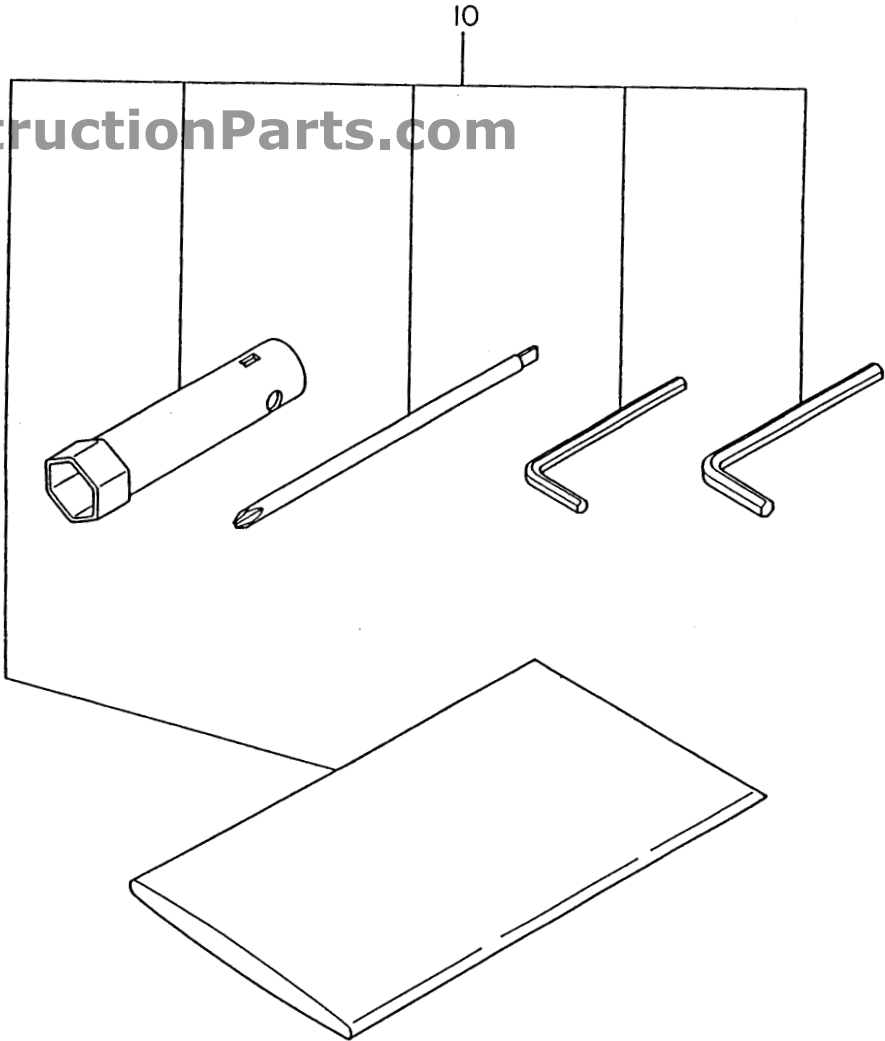
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# FIG. 900 – ACCESSORIES

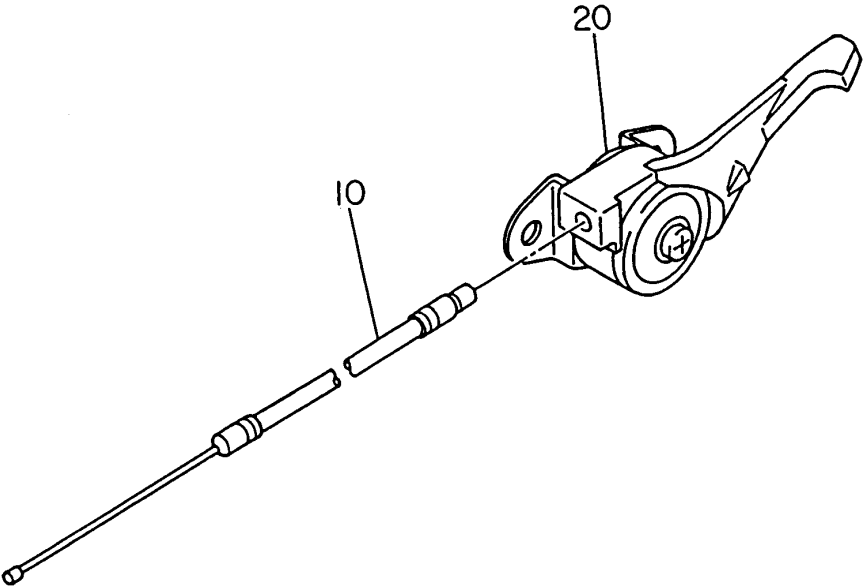
REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
10	530-90030-00	ACCESSORY TOOL KIT	1		



# FIG. 1000 – OTHERS

REF.	PART #	PART NAME	QTY.	REMARKS	INTERCHANGEABLE PART NUMBER
10	063-00299-80	CONTROL CABLE	1	Wyco #402149	
20	063-10098-11	CONTROL LEVER	1	Wyco #402148	

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