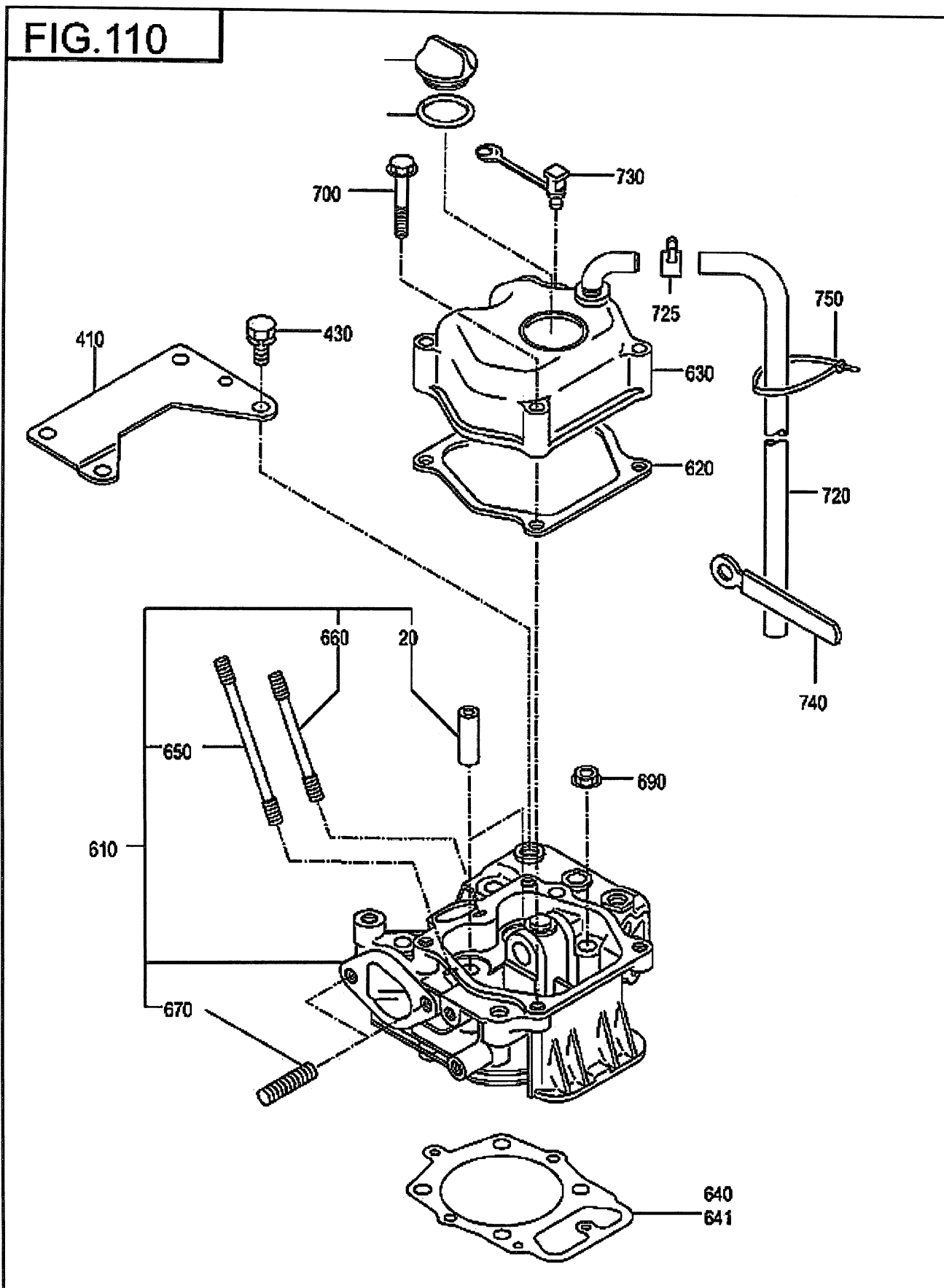


Ref #	Part #	Description	Qty	Context Note	Foot Note
60	001-37062-21	STUD	3		
210	255-11001-11	MAINBEARING COVER CP	1	Start Code: 5692.	
210	255-11001-01	MAINBEARING COVER CP	1	Start Code: 5266. End Code: 5691.	
210	243-11001-61	MAINBEARING COVER CP	1	Start Code: 4292. End Code: 5265.	
210	243-11001-51	MAINBEARING COVER CP	1	Start Code: 4200. End Code: 4291.	
210	243-11001-41	MAINBEARING COVER CP	1	End Code: 4199.	
70	044-00800-30	OIL SEAL	1	Remarks: 8X18X7.	
80	040-11400-30	PLUG	2	Remarks: M14X1.5X20DX12L.	
90	021-11400-20	GASKET	2	Remarks: 14.1DX19DX2.3T.	
110	031-00600-10	DOWEL PIN	2	Remarks: 6DX14.8L.	
120	031-00500-10	DOWEL PIN	1	Remarks: 5DX10L.	
130	244-16001-11	TENSION BOLT CP	3		
140	244-16002-11	TENSION BOLT CP	1		
220	044-02501-60	OIL SEAL	1	Remarks: 25DX41DX7B.	
240	060-01700-40	BALL BEARING	1	Remarks: BB6003C3.	
250	243-45011-17	GOVERNOR GEAR SET	1		
260	205-41901-03	GOVERNOR SLEEVE	1	Remarks: 6DX9DX16DX26L.	
290	255-15004-03	GASKET(BEARING COVER	1	Start Code: 5570.	
290	243-15026-03	GASKET(BEARING COVER	1	End Code: 5569.	
300	011-00802-70	FLANGE BOLT	12	Start Code: 5480. Remarks: M8X1.25X16DX33L.	
300	001-14083-50	BOLT AND WASHER AY	12	Start Code: 5327. End Code: 5479. Remarks: M8X1.25X35L W/W,SW.	
300	001-13083-50	BOLT AND WASHER AY	12	End Code: 5326. Remarks: M8X1.25X35L W/SW.	
310	011-00802-80	FLANGE BOLT	1	Start Code: 5480.	
310	001-14084-00	BOLT AND WASHER AY	1	Start Code: 5327. End Code: 5479. Remarks: M8X1.25X40L W/W,SW.	
310	001-13084-00	BOLT AND WASHER AY	1	End Code: 5326. Remarks: M8X1.25X40L W/SW.	
320	243-15801-03	MAIN BEARING	1	Remarks: STD..	
321	243-15802-03	MAIN BEARING	1	Remarks: 0.25 U.S..	
322	243-15803-03	MAIN BEARING	1	Remarks: 0.50 U.S..	
330	220-41601-03	FLYWEIGHT	2		
340	030-73000-70	PIN	2	Remarks: 2.6DX27.5L.	

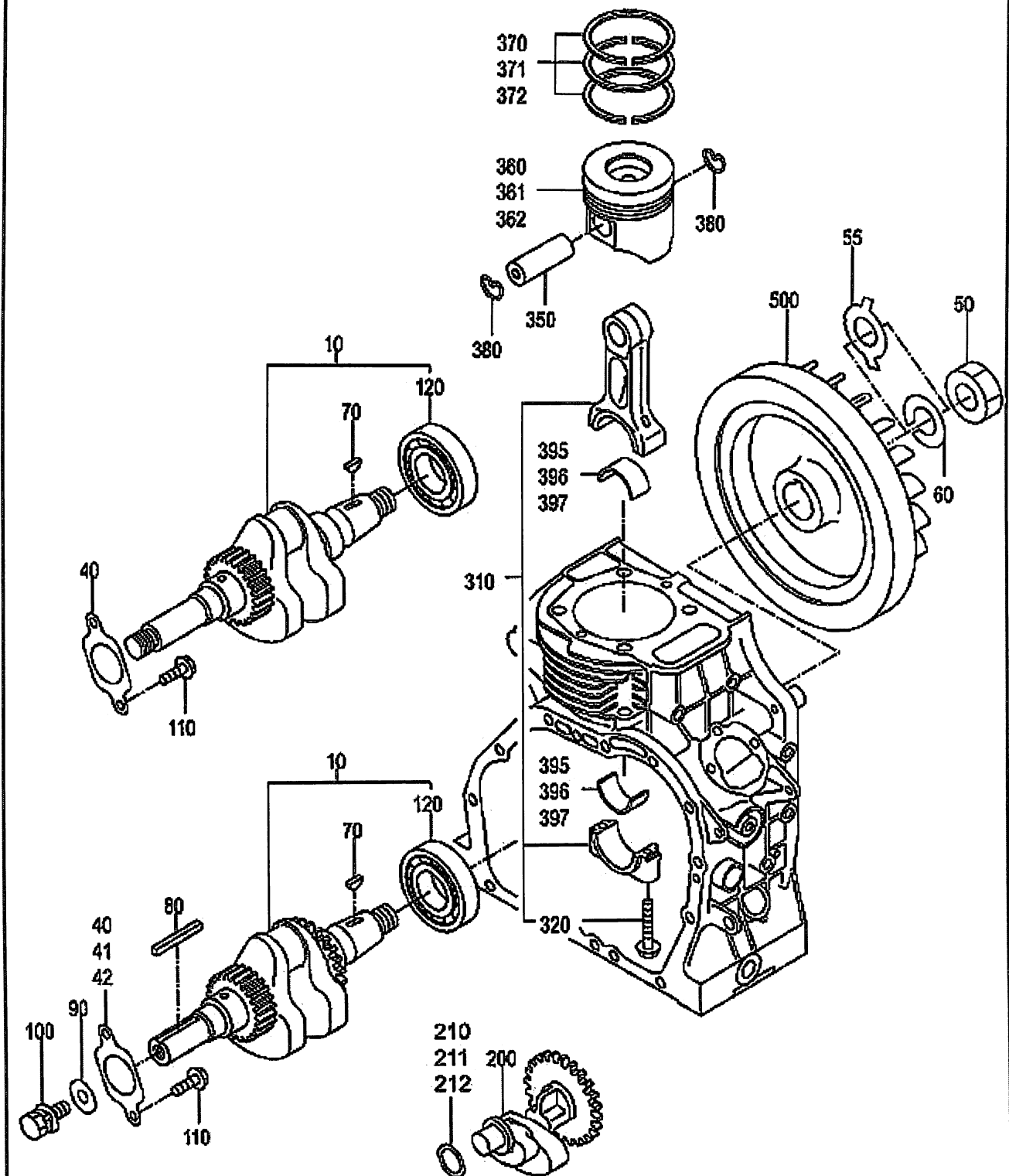
360	235-15421-03	BLIND PLUG	4	Start Code: 5266. Remarks: PT1/8X8L.
360	212-15008-13	BLIND PLUG	1	End Code: 5265. Remarks: PT1/8X9L.
10	243-10101-71	CRANKCASE CP	1	Start Code: 5115.
10	243-10101-61	CRANKCASE CP	1	Start Code: 4292. End Code: 5114.
10	243-10101-51	CRANKCASE CP	1	End Code: 4291.
30	044-03000-60	OIL SEAL	1	Remarks: TB30488.
40	060-01700-40	BALL BEARING	1	Remarks: BB6003C3.
50	005-26081-80	DOWEL PIN	2	
960	255-99001-27	GASKET SET	1	



DY232

255011000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
20	243-14204-13	VALVE GUIDE	2	Remarks: OVER SIZE.	
610	243-13001-81	CYLINDER HEAD CP	1	Start Code: 5996.	
610	243-13001-71	CYLINDER HEAD CP	1	Start Code: 4353. End Code: 5995.	
610	243-13001-61	CYLINDER HEAD CP	1	Start Code: 2678. End Code: 4352.	
610	243-13001-51	CYLINDER HEAD CP	1	Start Code: 2162. End Code: 2677.	
610	243-13001-41	CYLINDER HEAD CP	1	End Code: 2161.	
620	243-15032-13	GASKET(ROCKER COVER)	1	Start Code: 3897.	
620	243-15032-03	GASKET(ROCKER COVER)	1	End Code: 3896.	
630	243-17101-01	ROCKER COVER CP	1		
640	243-15027-13	GASKET(HEAD)	1	Start Code: 4200. End Code: 5145. Remarks: T=0.2.	
640	243-15027-03	GASKET(HEAD)	1	End Code: 4199. Remarks: T=0.2.	
640	255-15001-03	GASKET(HEAD)	1	Start Code: 5146. Remarks: T=0.2.	
641	255-15002-03	GASKET(HEAD)	1	Start Code: 5146. Remarks: T=0.25.	
641	243-15028-13	GASKET(HEAD)	1	Start Code: 4200. End Code: 5145. Remarks: T=0.3.	
641	243-15028-03	GASKET(HEAD)	1	End Code: 4199. Remarks: T=0.3.	
642	255-15003-03	GASKET(HEAD)	1	Start Code: 5146. Remarks: T=0.3.	
650	001-39066-00	STUD	1	Start Code: 2678.	
650	010-50600-70	STUD	1	End Code: 2677.	
660	010-50601-50	STUD	1	Remarks: M6X1.0X70L.	
670	001-37082-01	STUD	2		
690	018-00900-10	FLANGE NUT	4	Remarks: M9X18DX9H.	
700	011-00601-70	FLANGE BOLT	4	Remarks: M6X1.0X13DX40L.	
730	243-55011-03	PLUG	1		

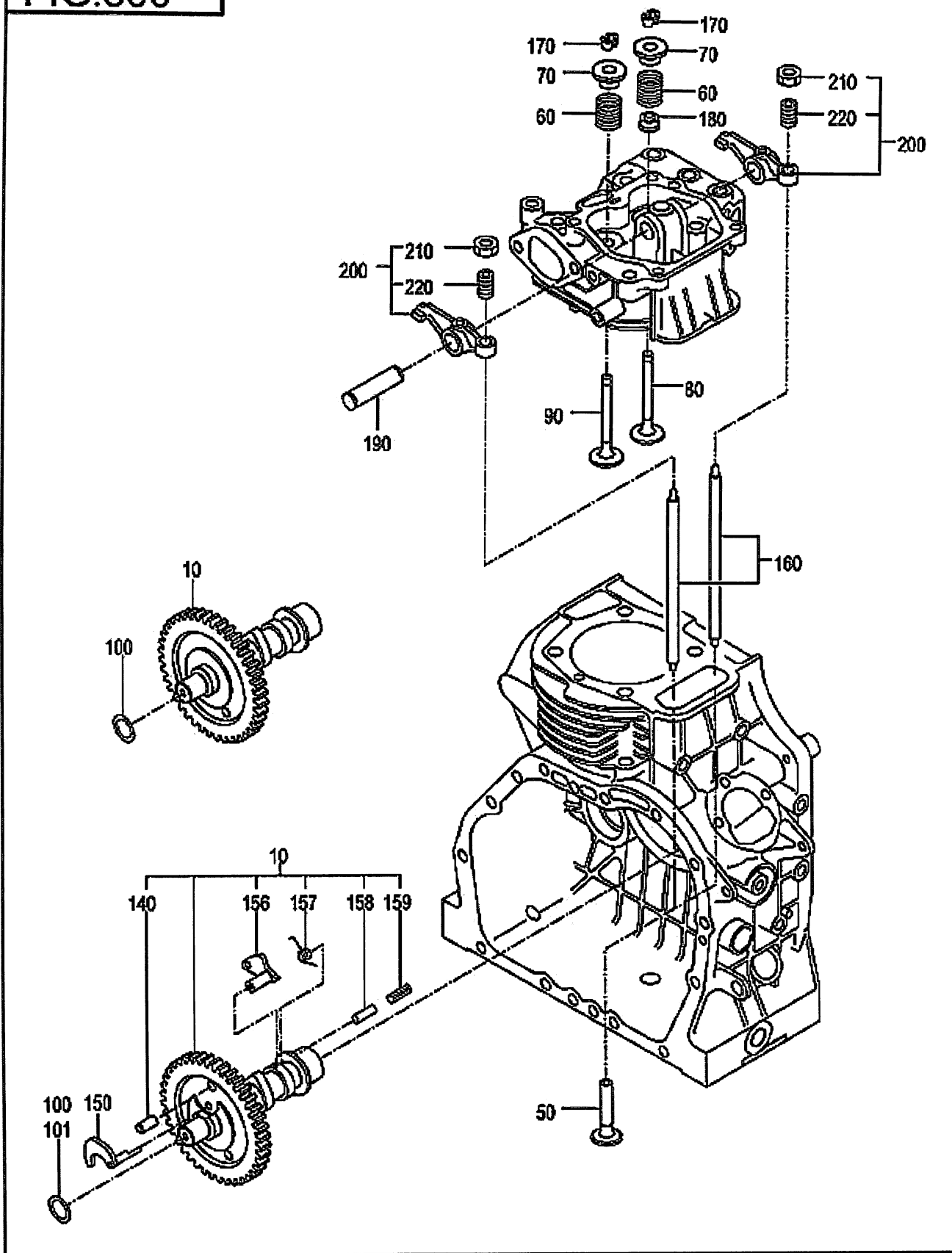
FIG.200

DY232

255020000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	243-20201-21	CRANKSHAFT CP	1	Start Code: 5631.	
10	243-20201-11	CRANKSHAFT CP	1	End Code: 5630.	
40	243-25001-03	THRUST WASHER	1	Remarks: T=0.8.	
41	243-25002-03	THRUST WASHER	1	Remarks: T=1.0.	
42	243-25003-03	THRUST WASHER	1	Remarks: T=1.2.	
50	002-18180-00	NUT	1	Remarks: M18X1.5X15H.	
60	003-20180-00	SPRING WASHER	1	Remarks: 18.2DX31DX4.6T.	
70	032-30300-10	WOODRUFF KEY	1	M3X6X16	
80	005-30053-01	KEY	1	Interchangable with 032-00500-10.	
90	020-00800-50	WASHER	1	Remarks: 8.5DX28DX2.3T.	
100	001-13081-60	BOLT AND WASHER AY	1	Remarks: M8X1.25X16L W/SW.	
110	011-00600-10	FLANGE BOLT	2	M6X1.10X8	
120	060-03502-00	BALL BEARING	1	Start Code: 5631.	
120	060-03500-20	BALL BEARING	1	End Code: 5630. Remarks: BB6307.	
200	243-24301-01	BALANCER CP	1		
210	023-01700-20	SPACER	1	Remarks: T=0.8.	
211	023-01700-30	SPACER	1	Remarks: T=1.0.	
212	023-01700-40	SPACER	1	Remarks: T=1.2.	
310	243-22510-00	CONNECTING ROD ASSY	1	Start Code: 2101.	
310	243-22501-10	CONNECTING ROD ASSY	1	End Code: 2100. Interchangable with 243-22510-00.	
320	243-23002-03	CONNECTING ROD BOLT	2	Start Code: 2101.	
320	243-23001-03	CONNECTING ROD BOLT	2	End Code: 2100.	
350	243-23301-03	PISTON PIN	1		
360	243-23401-13	PISTON	1	Remarks: STD..	
361	243-23402-13	PISTON	1	Remarks: 0.25 O.S..	
362	243-23403-13	PISTON	1	Remarks: 0.50 O.S..	
370	243-23501-27	PISTON RING SET	1	Remarks: STD..	
371	243-23502-27	PISTON RING SET	1	Remarks: 0.25 O.S..	
372	243-23503-27	PISTON RING SET	1	Remarks: 0.50 O.S..	
380	056-52000-30	CLIP	2		
395	243-22801-03	LARGE END BEARING	2	Remarks: STD..	
396	243-22802-03	LARGE END BEARING	2	Remarks: 0.25 U.S..	
397	243-22803-03	LARGE END BEARING	2	Remarks: 0.50 U.S..	
500	243-22410-13	FLYWHEEL	1		

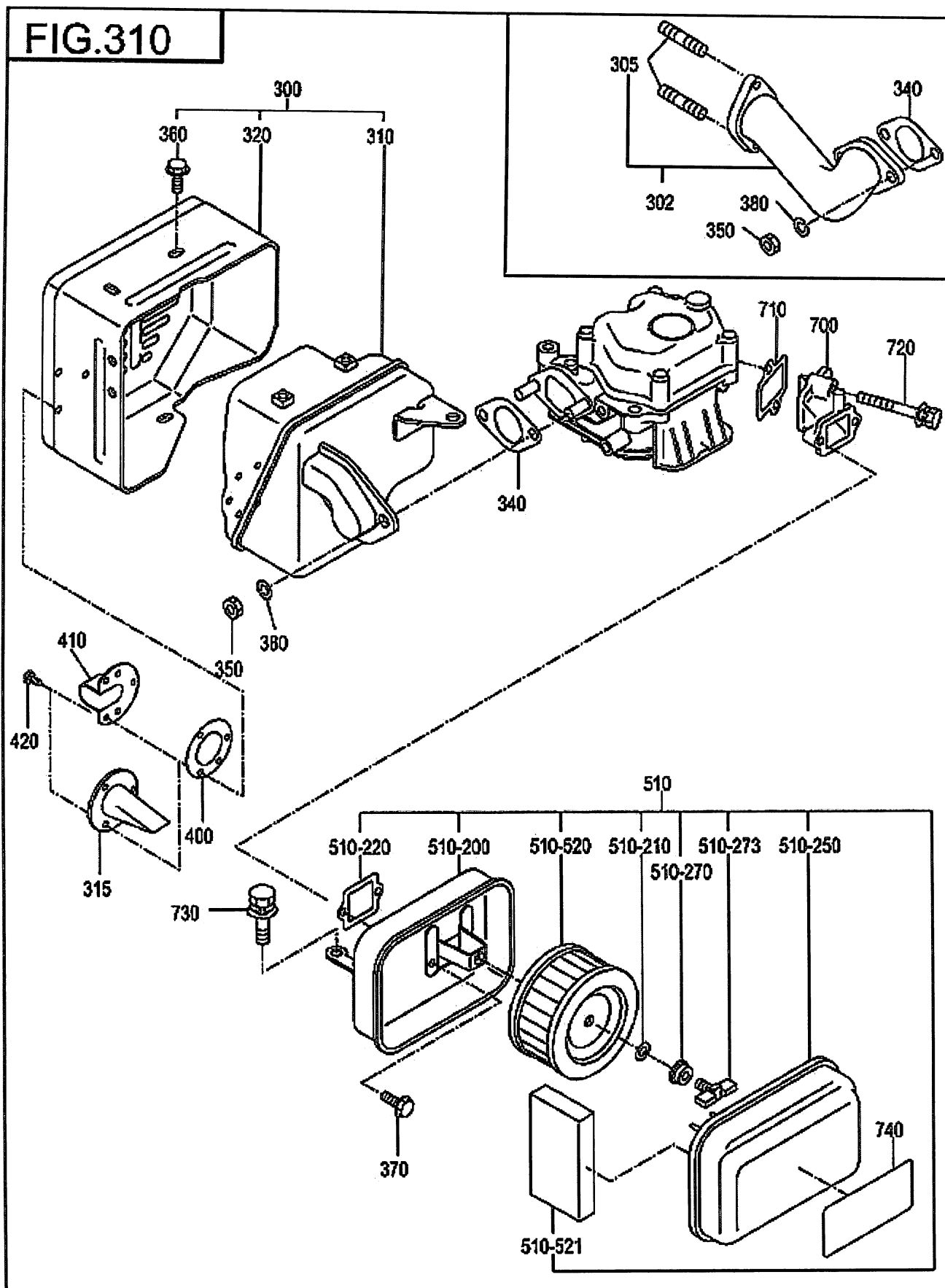
FIG.300



DY232

255030000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	243-31702-41	CAMSHAFT CP	1	Start Code: 4174. End Code: 4656.	
10	243-31702-31	CAMSHAFT CP	1	Start Code: 2472. End Code: 4173.	
10	243-31702-21	CAMSHAFT CP	1	End Code: 2471.	
10	255-31703-21	CAMSHAFT CP	1	Start Code: 5631.	
10	255-31703-11	CAMSHAFT CP	1	Start Code: 5146. End Code: 5630.	
10	255-31703-01	CAMSHAFT CP	1	Start Code: 4657. End Code: 5145.	
50	243-33301-03	TAPPET	2		
60	243-33601-03	VALVE SPRING	2		
70	243-33701-23	SPRING RETAINER	2	Start Code: 6026.	
70	243-33701-13	SPRING RETAINER	2	End Code: 6025.	
80	243-33401-23	INTAKE VALVE	1	Start Code: 2162.	
80	243-33401-13	INTAKE VALVE	1	End Code: 2161.	
90	243-33501-23	EXHAUST VALVE	1	Start Code: 2162.	
90	243-33501-13	EXHAUST VALVE	1	End Code: 2161.	
100	023-01900-20	SPACER	1	Start Code: 4200. Remarks: 19DX28DX0.8T.	
100	023-01600-20	SPACER	1	End Code: 4199. Remarks: T=0.8.	
101	023-01900-30	SPACER	1	Start Code: 4200. Remarks: 19DX28DX1.0T.	
101	023-01600-31	SPACER	1	End Code: 4199. Remarks: T=1.0.	
140	005-26081-80	DOWEL PIN	1		
150	243-35503-23	RELEASE LEVER	1	Start Code: 4231.	
150	243-35503-13	RELEASE LEVER	1	End Code: 4230.	
156	243-35505-03	RELEASE LEVER	1		
157	243-35021-03	SPRING(RELEASE)	1		
158	243-35022-03	SHAFT(RELEASE)	1		
159	005-19031-20	SPRING PIN	1		
160	243-35032-01	PUSH ROD CP	2		
170	243-33801-13	RETAINER LOCK	4		
180	237-16008-01	STEM SEAL	1	Remarks: 5.5DX9.5DX14DX7.5B.	
190	243-35034-03	ROCKER SHAFT	1		
200	243-36002-01	ROCKER ARM CP	2		
210	017-00800-90	NUT	2	Remarks: M8X0.75X5.1H.	
220	014-90800-21	ADJUSTING SCREW	2	Remarks: M8X0.75X13.4L.	

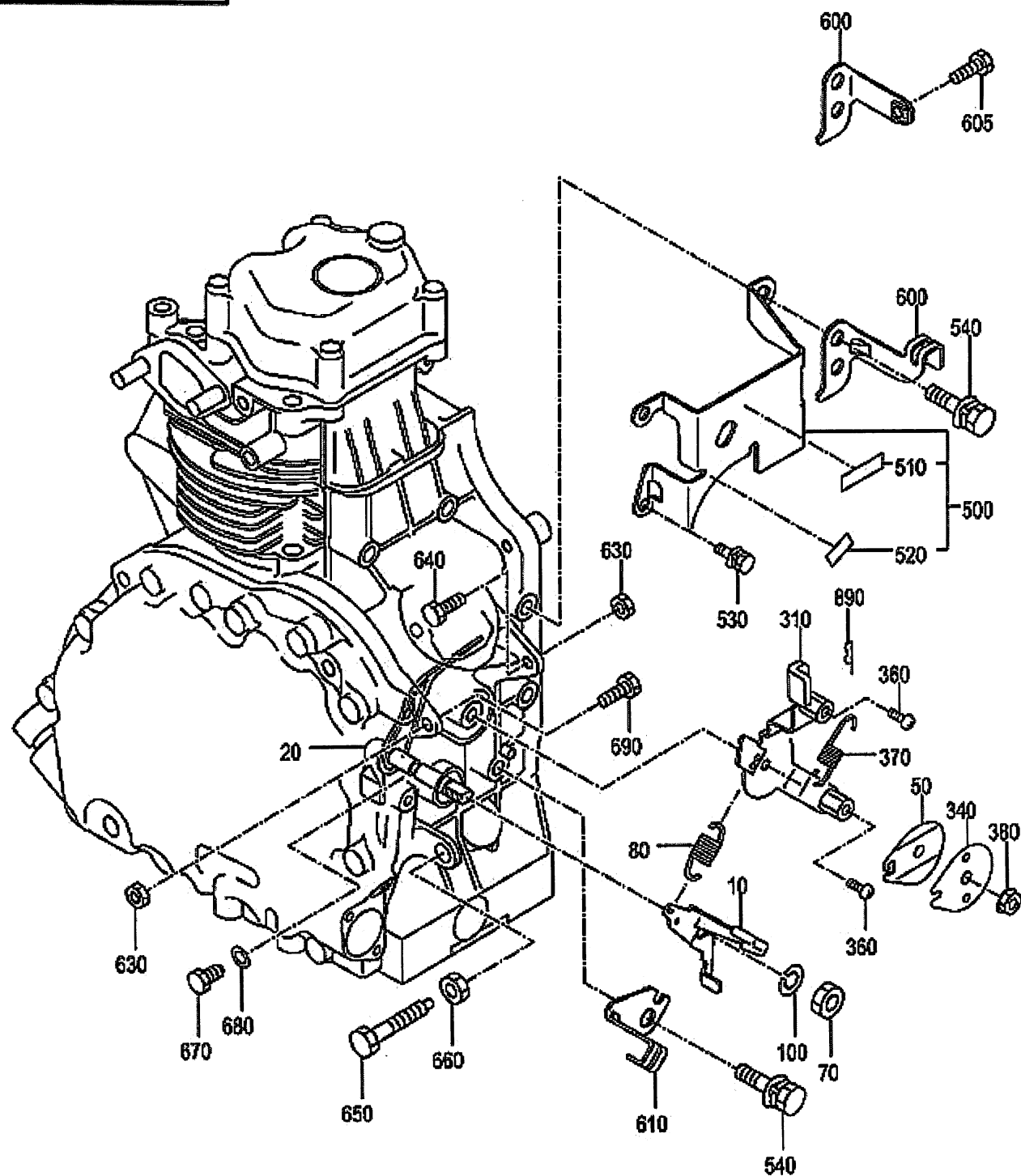


DY232

255031000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
300	255-30103-00	MUFFLER AY	1	Start Code: 2283.	
310	243-30101-51	MUFFLER CP	1	Start Code: 1948. End Code: 2282.	
310	243-30101-41	MUFFLER CP	1	End Code: 1947. Interchangeable with 243-30101-51.	
320	243-34201-01	MUFFLER COVER CP	1	End Code: 2282.	
340	255-35002-03	GASKET(EXHAUST)	1	Start Code: 5570.	
340	243-35002-03	GASKET(EXHAUST)	1	End Code: 5569.	
350	017-00800-30	NUT	2	Start Code: 5631. Remarks: M8X1.25X6.5H.	
350	002-19080-00	NUT	2	End Code: 5630.	
360	001-10061-00	BOLT AND WASHER AY	4	Start Code: 2283. Remarks: M6X1.0X10L W/SW.	
370	001-13061-20	BOLT AND WASHER AY	2	Interchangeable with 001-14061-20.	
380	003-20080-00	SPRING WASHER	2	Remarks: 8.2DX15.4DX2T.	
400	243-35005-23	GASKET(TAIL PIPE)	1	End Code: 2588.	
410	243-37002-11	TAIL PIPE CP	1		
420	015-00400-60	TAPPING SCREW	3	M4X6	
420	015-00400-40	TAPPING SCREW	3	End Code: 2588.	
510	243-32601-00	AIR CLEANER AY	1		
510	243-32620-08	BACK PLATE CP	1		
510	243-32651-08	PACKING	1		
510	243-32640-08	COVER CP	1		
510	246-32653-08	WING BOLT CP	1		
510	243-32600-08	ELEMENT CP	1		
510	243-32611-08	ELEMENT	1		
700	243-33101-13	INTAKE MANIFOLD	1		
710	243-35003-13	GASKET(IN-MANIFOLD)	1		
720	001-13083-50	BOLT AND WASHER AY	2	Remarks: M8X1.25X35L W/SW.	
730	001-13081-60	BOLT AND WASHER AY	1	Remarks: M8X1.25X16L W/SW.	

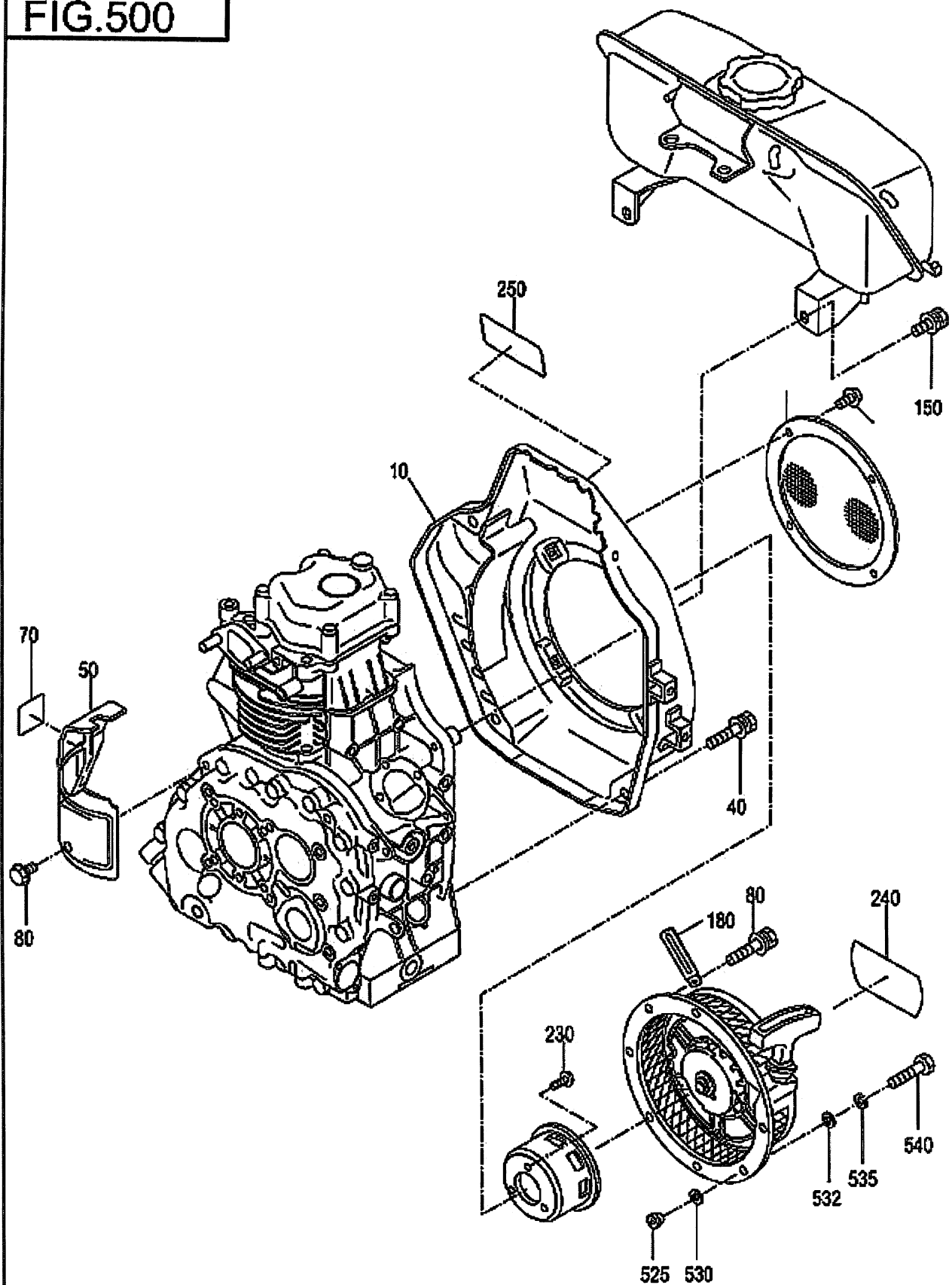
FIG.400



DY232

25504000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	243-42902-21	CONTROL LINK CP	1		
20	243-42301-12	GOVERNOR LEVER UN	1		
50	227-45002-03	SPRING WASHER	1		
70	002-18080-00	NUT	1		
80	243-42503-01	GOVERNOR SPRING CP	1	Interchangable with 243-42503-13.	
100	003-20080-00	SPRING WASHER	1	Remarks: 8.2DX15.4DX2T.	
310	243-43301-30	SPEED CONTROL AY	1		
340	227-43501-13	STOP PLATE	1	Start Code: 2374.	
340	227-43501-01	STOP PLATE CP	1	End Code: 2373. Interchangable with 227-43501-13.	
360	004-31041-00	SCREW,PANHEAD	2	Remarks: M4X0.7X10L.	
370	243-46001-03	RETURN SPRING	1		
380	017-60600-30	SELF LOCK NUT	1	Remarks: M6X1.0X7.5H.	
500	255-40166-01	CONTROL PANEL CP	1	Start Code: 3135.	
500	243-40166-01	CONTROL PANEL CP	1	End Code: 3134.	
510	073-20045-60	LABEL(OPERATION)	1	Start Code: 3135.	
510	243-92101-03	LABEL(OPERATION)	1	End Code: 3134.	
520	073-20045-50	LABEL(OPERATION)	1	Start Code: 3135.	
520	243-92102-03	LABEL(OPERATION)	1	End Code: 3134.	
530	001-13061-20	BOLT AND WASHER AY	2	Interchangable with 001-14061-20.	
540	001-13081-60	BOLT AND WASHER AY	3	Remarks: M8X1.25X16L W/SW.	
600	243-44202-01	WIRE BRACKET 1	1		
610	243-44210-01	WIRE BRACKET 2 CP	1		
630	002-18060-00	NUT	2		
640	001-66063-00	BOLT	1		
650	243-45501-10	SMOKE SET AY	1	Interchangable with 243-45502-00.	
660	002-27100-00	NUT	1	Start Code: 2101.	
660	002-24100-00	NUT	1	End Code: 2100.	
670	243-45002-03	BOLT	1		
690	010-00603-70	BOLT	1		

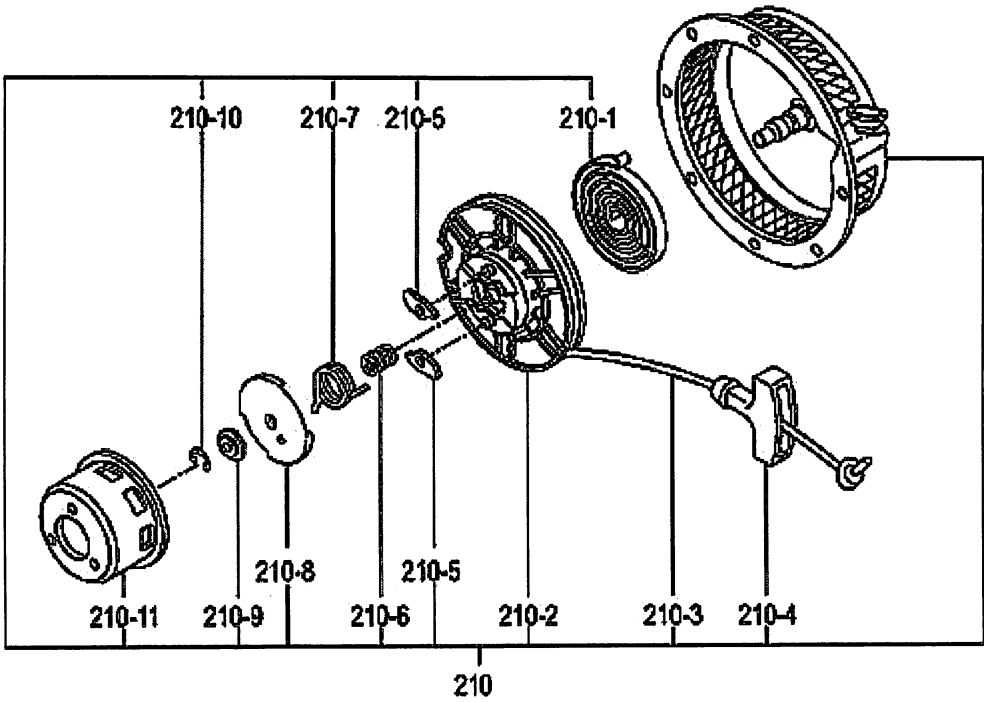
FIG.500

DY232

255050000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	243-51202-01	BLOWER HOUSING CP	1	Start Code: 4163.	
40	001-13082-00	BOLT AND WASHER AY	4	Remarks: M8X1.25X20L W/SW.	
50	243-52601-33	CYLINDER BAFFLE	1		
70	255-91803-03	LABEL(ENGINE NAME)	1	Start Code: 4163.	
80	011-00600-10	FLANGE BOLT	5	M6X1.10X8	
150	001-13083-00	BOLT AND WASHER AY	2	Remarks: M8X1.25X30L W/SW.	
230	001-13061-20	BOLT AND WASHER AY	3	Interchangable with 001-14061-20.	
240	243-95004-13	LABEL(DIESEL MARK)	1	Start Code: 2252.	
240	243-95004-03	LABEL(DIESEL MARK)	1	End Code: 2251. Interchangable with 243-95004-13.	

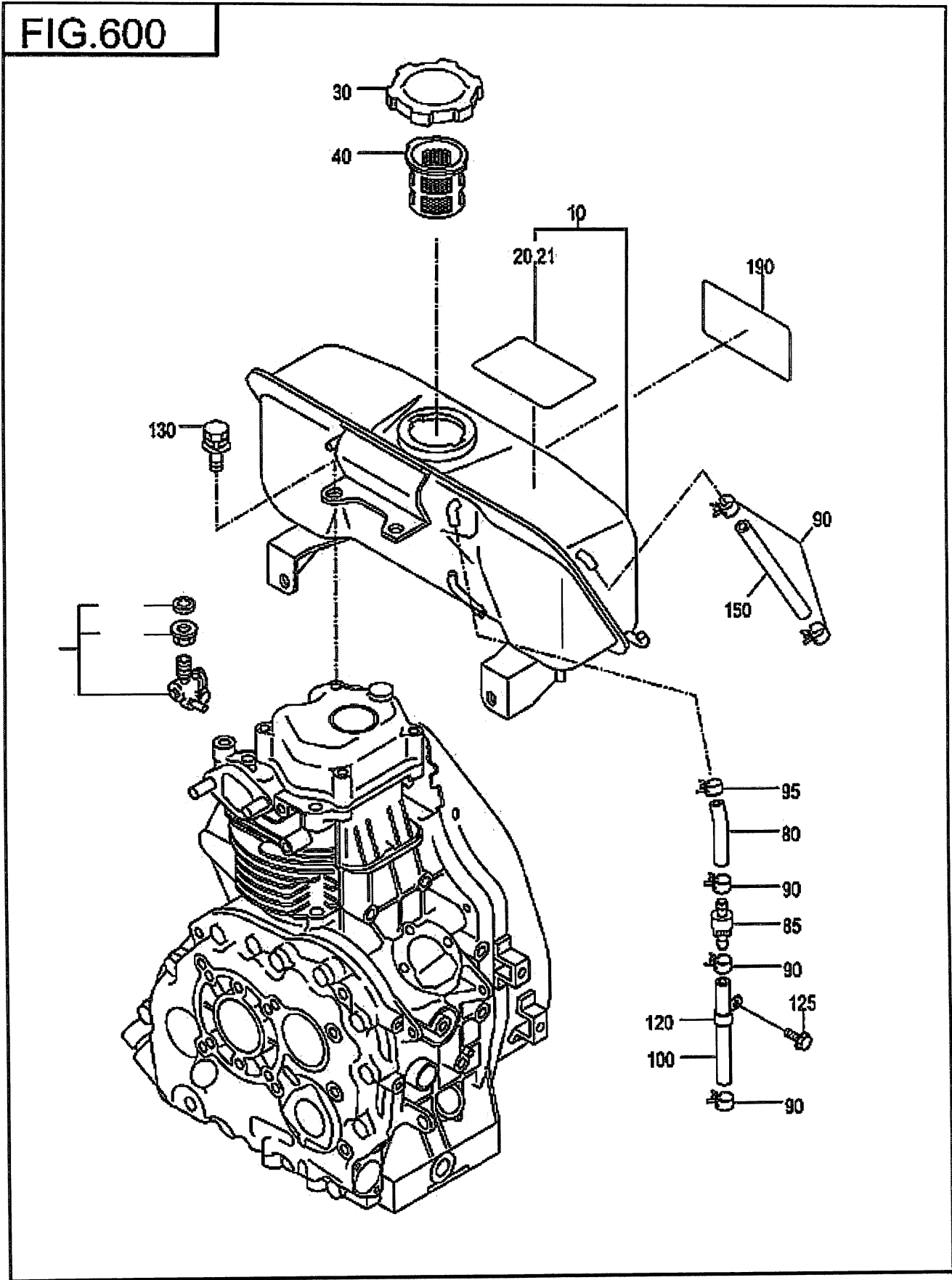
FIG.550



DY232

255055000W01

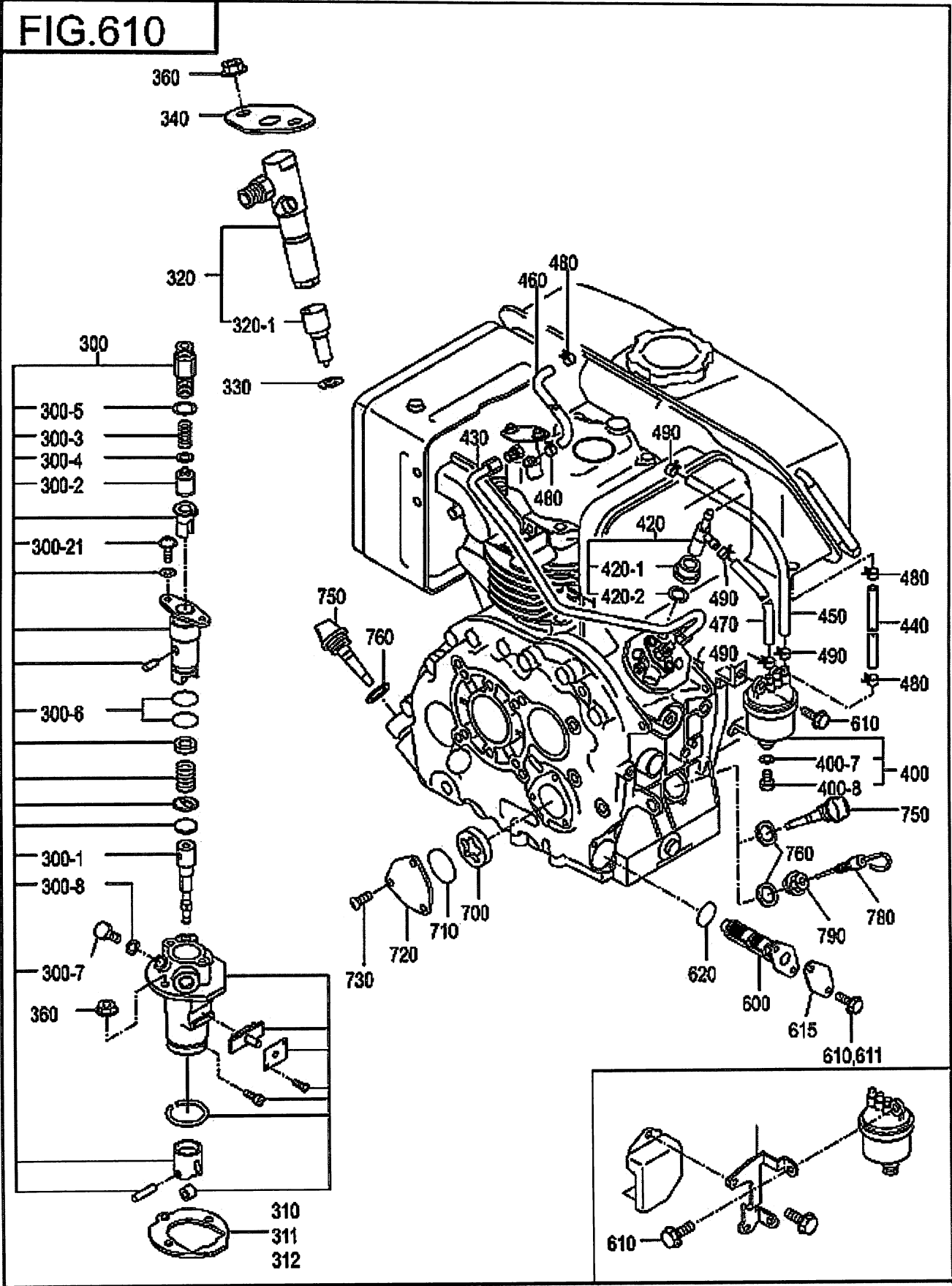
Ref #	Part #	Description	Qty	Context	Note	Foot	Note
210	106-50185-08	THRUST WASHER	1				
210	106-50186-08	CLIP	1				
210	243-50145-08	STARTING PULLEY	1				
210	243-50201-20	RECOIL STARTER AY	1				
210	106-50116-08	SPIRAL SPRING	1				
210	239-50220-08	REEL CP	1				
210	243-50110-08	STARTER ROPE	1				
210	236-50101-08	STARTER KNOB	1				
210	106-50128-18	RATCHET	2				
210	106-50132-08	FRICTION SPRING	1				
210	106-50136-18	RETURN SPRING	1				
210	106-50144-08	FRICTION PLATE	1				



DY232

255060000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
10	255-60102-01	FUEL TANK CP	1		
20	073-20045-30	LABEL(WARNING)	1		
30	043-04300-15	FUEL TANK CAP CP	1	Remarks: 42.5DX68DX14H.	
40	064-13600-10	FUEL FILTER	1	Remarks: 36DX46DX43H.	
80	085-14500-00	RUBBER PIPE	1	Remarks: 4.5DX9D.	
85	228-65032-13	CHECK VALVE	1		
90	056-10800-10	HOSE CLAMP	6	Remarks: 7.8DX6BX0.6T.	
95	056-10800-20	HOSE CLAMP	1	Remarks: 8.5DX8BX0.7T.	
100	085-14500-00	RUBBER PIPE	1	Remarks: 4.5DX9D.	
120	150-75201-03	CLAMP	1		
125	001-10061-00	BOLT AND WASHER AY	1	Remarks: M6X1.0X10L W/SW.	
130	001-13082-00	BOLT AND WASHER AY	2	Remarks: M8X1.25X20L W/SW.	
150	085-00500-00	VINYL PIPE	1	Remarks: 5DX8D.	
190	243-91701-03	LABEL(TRADE MARK)	1		

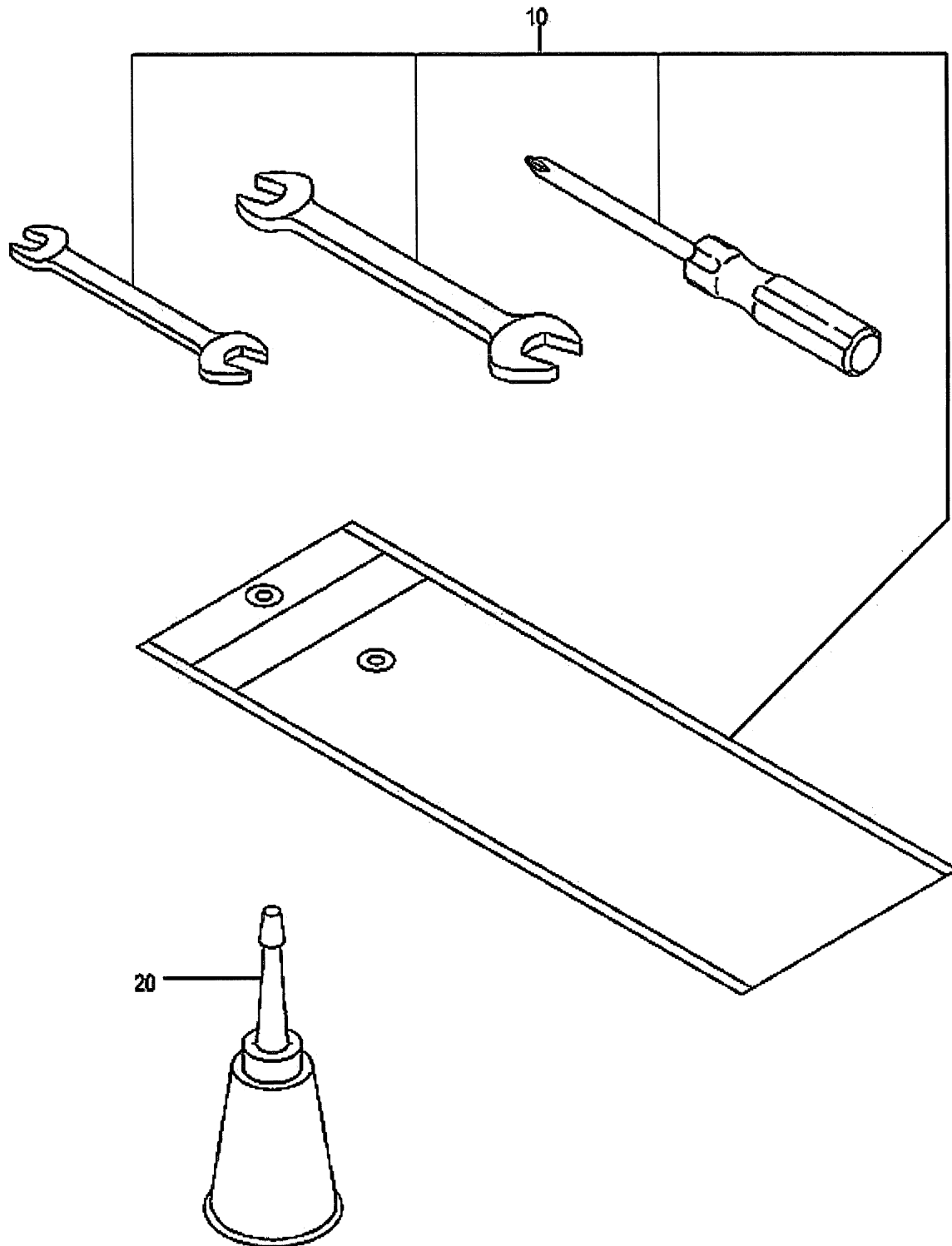


DY232

255061000W01

Ref #	Part #	Description	Qty	Context Note	Foot Note
300	255-63103-10	INJECTION PUMP AY	1	Start Code: 5845.	
300	255-63103-00	INJECTION PUMP AY	1	Start Code: 3685. End Code: 5844.	
300	243-63101-20	INJECTION PUMP AY	1	End Code: 3684.	
300	243-63131-08	PLUNGER AY	1		
300	243-63103-08	DELIVERY VALVE	1		
300	243-63104-08	DELIVERY SPRING	1		
300	243-63105-08	GASKET	1		
300	255-63109-08	O-RING	1	Start Code: 5845.	
300	243-63107-08	O-RING	1		
300	255-63108-08	O-RING5	2	Start Code: 5845.	
300	243-63129-08	O-RING	2		
300	243-63124-08	BOLT	1	End Code: 3684.	
300	243-63125-08	GASKET	1	End Code: 3684.	
300	243-63130-08	SCREW	2		
310	243-65001-03	GASKET(INJECTION)	1	Remarks: T=0.1.	
311	243-65002-03	GASKET(INJECTION)	1	Remarks: T=0.2.	
312	243-65003-03	GASKET(INJECTION)	1	Remarks: T=0.3.	
320	243-63201-00	NOZZLE AY	1		
320	243-63204-08	NOZZLE	1		
330	228-65004-03	GASKET(NOZZLE)	1		
340	243-66001-01	BRACKET CP,NOZZLE 1	1		
360	002-38060-00	FLANGE NUT	4	M6X1.0	
400	243-62101-20	FUEL FILTER AY	1		
400	228-62112-08	PACKING	1		
400	228-62111-08	PLUG	1		
420	243-66520-10	T-CONNECTOR AY	1	Start Code: 4139.	
420	243-66520-00	T-CONNECTOR AY	1	End Code: 4138.	
420	243-66521-08	NUT	1		
420	243-66506-08	PACKING	1		
430	243-63301-21	INJECTION PIPE CP	1		
440	085-14500-00	RUBBER PIPE	1	Remarks: 4.5DX9D.	
450	085-10600-00	RUBBER PIPE	1	Remarks: 6DX12D.	
460	085-14500-00	RUBBER PIPE	1	Remarks: 4.5DX9D.	
470	085-10600-00	RUBBER PIPE	1	Remarks: 6DX12D.	
480	056-10800-10	HOSE CLAMP	6	Remarks: 7.8DX6BX0.6T.	
490	056-11100-20	HOSE CLAMP	4	Remarks: 11.5DX8BX0.7T.	
600	255-64301-00	OIL FILTER AY	1	Start Code: 5266.	
600	243-64301-00	OIL FILTER AY	1	End Code: 5265.	

610	001-14061-60	BOLT & WASHER ASSY (M6X16)	2	
610	001-14061-60	BOLT & WASHER ASSY (M6X16)	4	End Code: 4749. Remarks: M6X1.0X16L W/W,SW.
611	001-14062-00	BOLT AND WASHER AY	2	Start Code: 4750. End Code: 5265. Remarks: M6X1.0X20L W/W,SW.
620	006-26201-60	O-RING	1	
620	006-26202-03	O-RING	1	
620	006-26202-00	O-RING	1	
700	228-63902-03	OIL PUMP(OUTER)	1	
710	024-03300-60	O-RING	1	
710	006-26103-30	O-RING	1	
720	255-66020-01	COVER CP,OIL PUMP	1	Start Code: 5266.
720	243-66020-01	COVER CP,OIL PUMP	1	End Code: 5265.
730	014-00601-70	SCREW	3	Start Code: 5266. Remarks: M6X1.0X13L.
730	004-11061-60	SCREW,COUNTER SUNK	3	End Code: 5265.
750	214-63601-13	OIL GAUGE	2	Remarks: M22X1.5 L=86+25.
760	021-32000-50	GASKET	2	Start Code: 5539. Remarks: 20DX27DX1.5T RUBBER.
760	021-32000-10	GASKET	2	End Code: 5538. Remarks: 20DX27DX1.5T RUBBER. Interchangable with 021-32000-50.

FIG.900

DY232

255090000W01

Ref #	Part #	Description	Qty	Context	Note	Foot	Note
10	243-90301-00	ACCESSORY TOOLS KIT	1				
20	243-65006-00	OIL FEEDER AY	1				