

MODEL EA190

PARTS CATALOG

SPEC.NO. EA190V73030

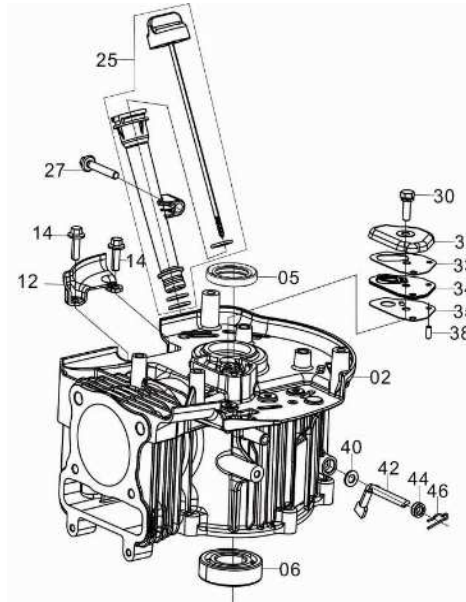
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CONTENTS

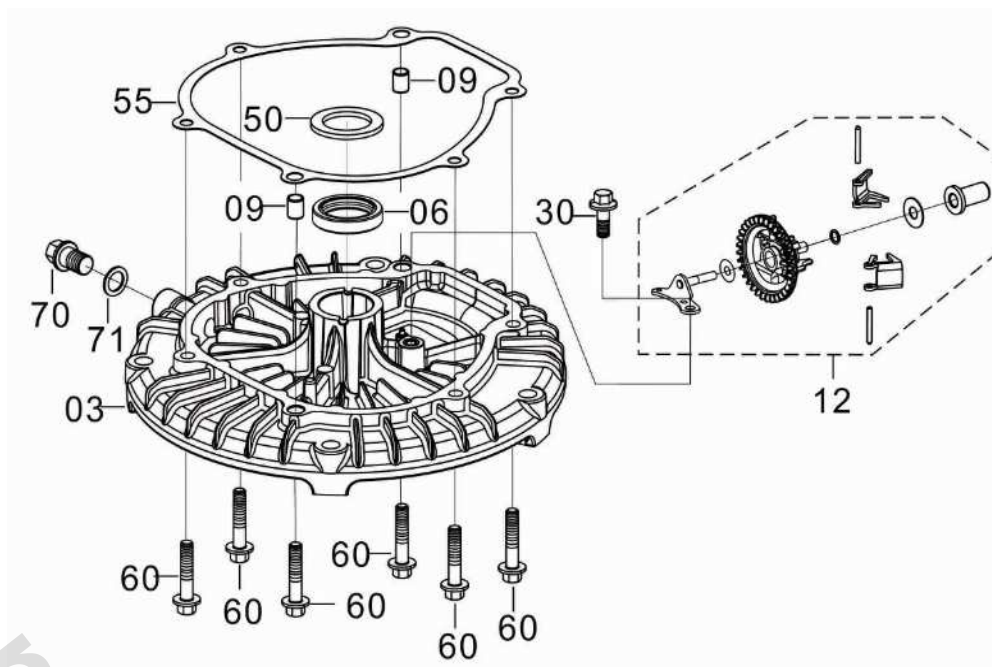
No.	DESCRIPTION	FIG.
1	CRANKCASE	100
2	CRANKCASE COVER	110
3	CYLINDER HEAD	120
4	CRANKSHAFT	200
5	CAMSHAFT	300
6	MUFFLER	310
7	AIR CLEANER	320
8	THROTTLE CONTROL LEVER	400
9	RECOIL STARTER	500
10	ENGINE SHROUD	530
11	LABEL	540
12	FUEL TANK	600
13	CARBURETOR	610
14	IGNITION COIL	700

FIG.100 CRANKCASE

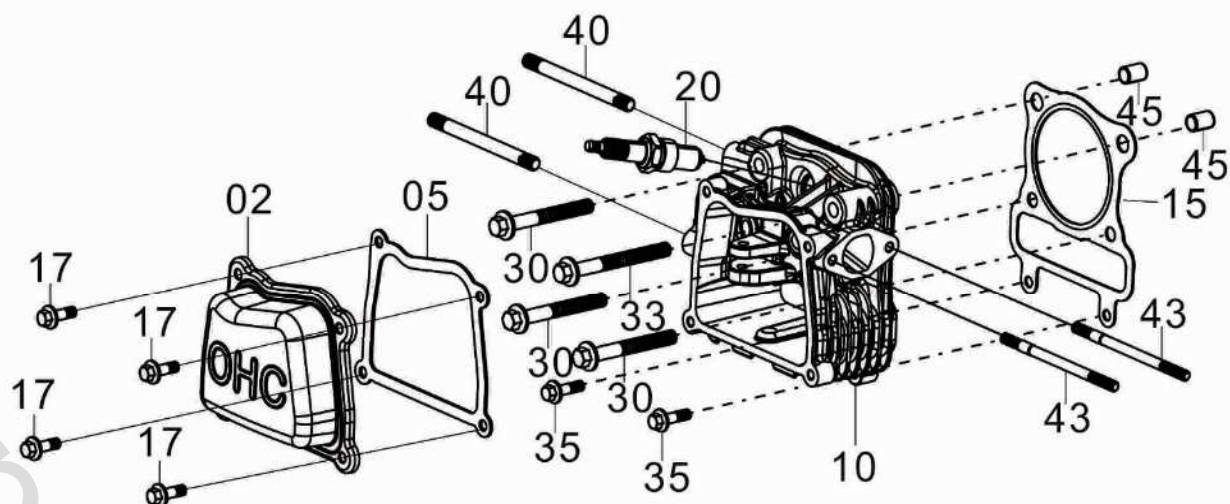
EA190V73030



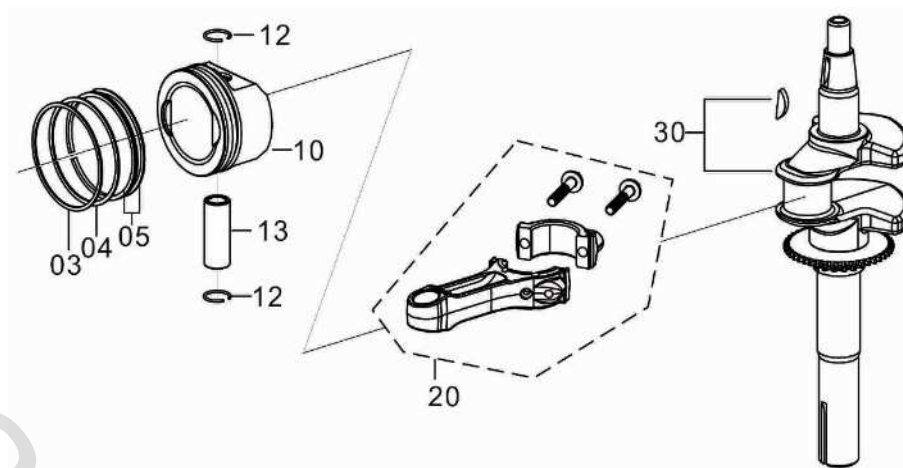
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
100_02	11310-Z020310-00	CRANKCASE ASSY.		1			
100_05	90682-Z020210-00	OIL SEAL	25×35×7	1			
100_06	90541-0205-CL	BALL BEARING	6205	1			
100_12	19340-Z020120-00	AIR GUIDE		1			
100_14	90007-0616-A1	BOLT	M6×16	2			
100_25	15010-Z020210-Q2	DIPSTICK ASSY.		1			
100_27	90007-0630-A1	BOLT	M6×30	1			
100_30	90259-0620-A1	BOLT	M6×20	1			
100_32	11333-Z020220-00	BREATHER COVER		1			
100_33	11332-Z020320-00	BREATHER COVER GASKET		1			
100_34	11320-Z020120-00	BREATHER		1			
100_35	11332-Z020220-00	BREATHER COVER GASKET		1			
100_38	90509-Z020110-00	DOWEL PIN		1			
100_40	90408-Z010210-00	WASHER	15×6.2×0.6	1			
100_42	16061-Z020210-00	GOVERNOR ARM		1			
100_44	90682-Z030210-00	OIL SEAL	6×11×4	1			
100_46	90501-Z010110-00	COTTER PIN		1			

FIG.110 CRANKCASE COVER**EA190V73030**

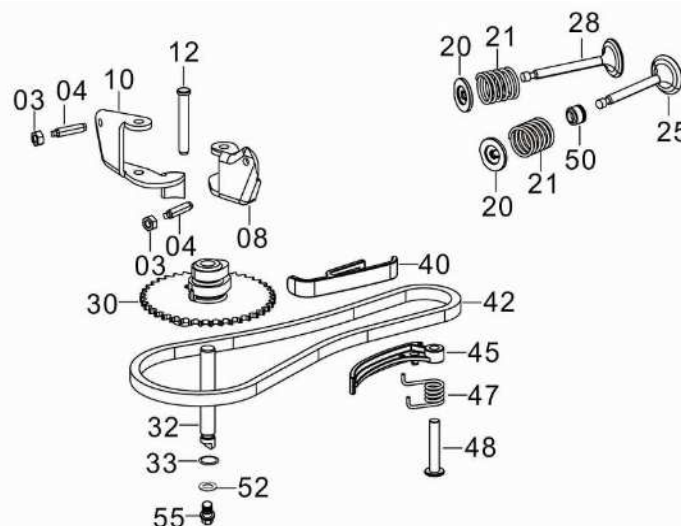
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
110_03	11411-Z020210-00	CRANKCASE COVER		1			
110_06	90682-Z020110-00	OIL SEAL	27×42×7	1			
110_09	90502-0810-00	DOWEL PIN	8×6.5×10	2			
110_12	16400-Z020320-00	GOVERNOR GEAR ASSY.		1			
110_30	90007-0616-A1	BOLT	M6×16	1			
110_50	90408-Z020110-00	WASHER	37×27.4×1	1			
110_55	11001-Z020130-00	SUMP GASKET		1			
110_60	90007-0630-A1	BOLT	M6×30	6			
110_70	11007-Z010110-00	OIL DRAIN PLUG		1			
110_71	90408-Z010110-00	WASHER	10×15.8×1.5	1			

FIG.120 CYLINDER HEAD**EA190V73030**

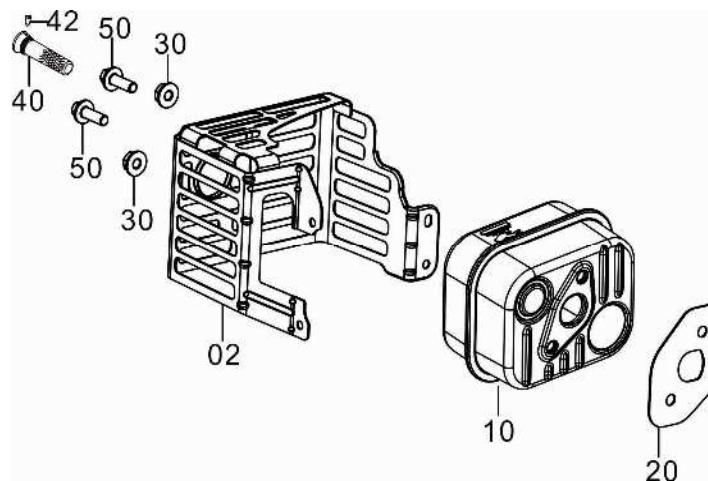
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
120_02	12411-Z020210-00	VALVE COVER		1			
120_05	12004-Z020320-00	VALVE COVER GASKET		1			
120_10	12140-Z020210-00	CYLINDER HEAD ASSY.		1			
120_15	12131-Z020310-00	CYLINDER HEAD GASKET.		1			
120_17	90007-0614-A1	BOLT	M6×14	4			
120_20	30010-Z020120-00	SPARK PLUG		1			
120_30	12003-Z020110-00	BOLT	M8X65	3			
120_33	12003-Z020220-00	BOLT	M8×72	1			
120_35	90007-0625-A1	BOLT	M6×25	2			
120_40	90204-Z020410-00	STUD	M8×97	2			
120_43	90204-Z020310-00	STUD	M6×100	2			
120_45	90502-1014-00	DOWEL PIN	10×8×14	2			

FIG.200 CRANKSHAFT**EA190V73030**

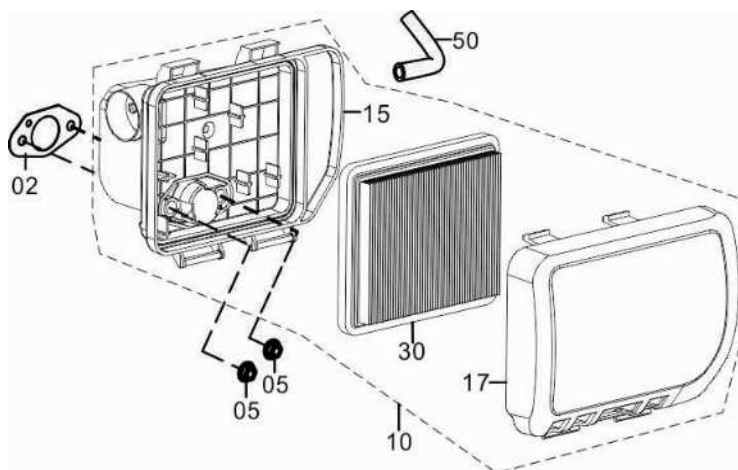
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
200_03	13201-Z010110-00	FIRST PISTON RING		1			
200_04	13202-Z010110-00	SECOND PISTON RING		1			
200_05	13210-Z020110-00	OIL RING ASSY.		1			
200_10	13111-Z020210-99	PISTON		1			
200_12	13122-Z020110-00	SNAP RING,PISTON PIN		2			
200_13	13121-Z020110-00	PISTON PIN		1			
200_20	13010-Z020110-00	CONNECTING ROD ASSY.		1			
200_30	13300-Z021610-00	CRANKSHAFT ASSY.		1			

FIG.300 CAMSHAFT
EA190V73030


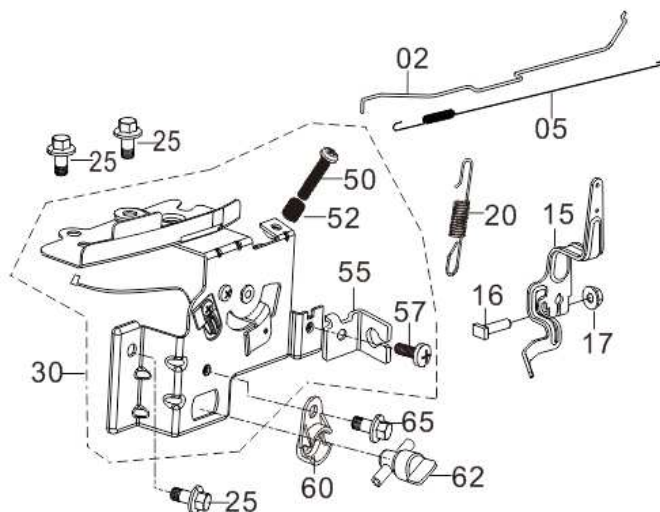
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
300_03	14312-Z020210-00	NUT, VALVE CLEARANCE ADJUSTMENT		2			
300_04	14314-Z020210-00	STUD, VALVE CLEARANCE ADJUSTMENT		2			
300_08	14311-Z020320-00	INLET ROCKER ARM		1			
300_10	14321-Z020320-00	EXHAUST ROCKER ARM		1			
300_12	14330-Z020210-00	ROCKER ARM PIVOT		1			
300_20	12112-Z020120-00	SPRING RETAINER		2			
300_21	12103-Z010110-00	VALVE SPRING		2			
300_25	12111-Z020110-00	INLET VALVE		1			
300_28	12121-Z020110-00	EXHAUST VALVE		1			
300_30	14200-Z020420-00	CAM GEAR ASSY.		1			
300_32	14216-Z020110-00	CAM SHAFT		1			
300_33	90681-Z020110-00	O-RING	6×1.8	1			
300_40	14009-Z020110-00	CHAIN GUIDE		1			
300_42	90710-Z020110-00	CHAIN	25F×88L	1			
300_45	14440-Z020110-00	TENSIONER		1			
300_47	14402-Z020140-00	TENSIONER SPRING		1			
300_48	14403-Z020120-00	TENSIONER SHAFT		1			
300_50	12101-Z010110-00	VALVE SEAL		1			
300_52	90406-0500-31	WASHER		1			
300_55	90007-0508-A1	BOLT	M5X8	1			

FIG.310 MUFFLER**EA190V73030**

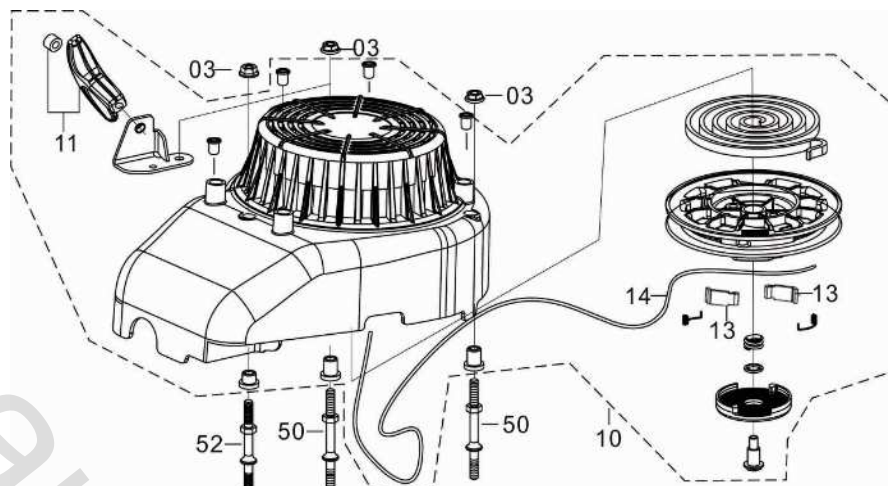
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
310_02	18013-Z020110-00	MUFFLER COVER	CE	1			
310_10	18100-Z020710-00	MUFFLER		1			
310_20	18001-Z020210-00	MUFFLER GASKET		1			
310_30	90305-0800-31	NUT	M8	2			
310_40	18250-Z020110-00	SPARK ARRESTER		1			
310_42	90107-3595-50	TAPPING SCREW		1			
310_50	90007-0614-A1	BOLT	M6×14	2			

FIG.320 AIR CLEANER**EA190V73030**

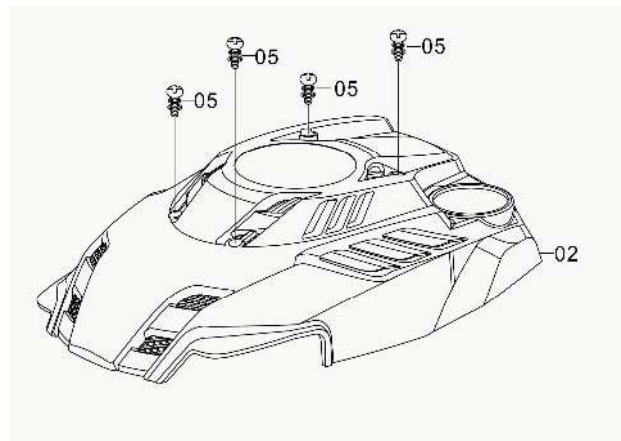
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
320_02	17001-Z020130-00	AIR CLEANER GASKET		1			
320_05	90305-0600-31	NUT	M6	2			
320_10	17100-Z020810-00	AIR CLEANER ASSY.		1			
320_15	17141-Z020710-00	AIR CLEANER BASE		1			
320_17	17101-Z020410-00	AIR CLEANER COVER		1			
320_30	17150-Z030110-00	AIR CLEANER ELEMENT	PAPER	1			
320_50	17004-Z020210-00	BREATH HOSE		1			

FIG.400 THROTTLE CONTROL LEVER**EA190V73030**

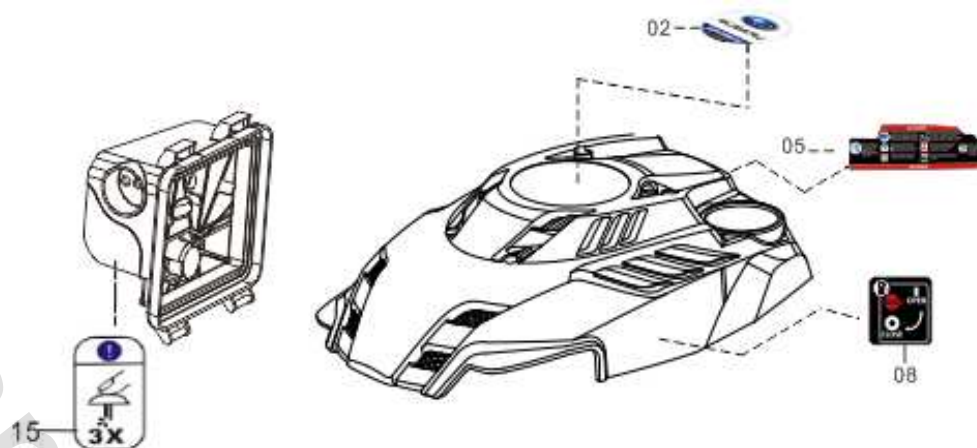
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
400_02	16062-Z020410-00	THROTTLE CONTROL LEVER		1			
400_05	16012-Z020220-00	THROTTLE RETURNING SPRING		1			
400_15	16071-Z020410-00	GOVERNOR LEVER		1			
400_16	16072-Z010110-00	BOLT	M6×21	1			
400_17	90305-0600-31	NUT	M6	1			
400_20	16063-Z020610-00	GOVERNOR SPRING		1			
400_25	90007-0614-A1	BOLT	M6×14	3			
400_30	16520-Z021510-00	SPEED CONTROL BRACKET ASSY		1			
400_50	90103-0542-51	SCREW	M5×42	1			
400_52	16527-Z030120-00	LIMIT REGULATION SPRING		1			
400_55	16532-Z020110-00	CLAMP		1			
400_57	90103-0512-51	SCREW	M5×12	1			
400_60	16757-Z020120-00	FULE VALVE BASE		1			
400_62	16752-Z020110-00	FULE VALVE		1			
400_65	90007-0514-A1	BOLT	M5×14	1			

FIG.500 RECOIL STARTER**EA190V73030**

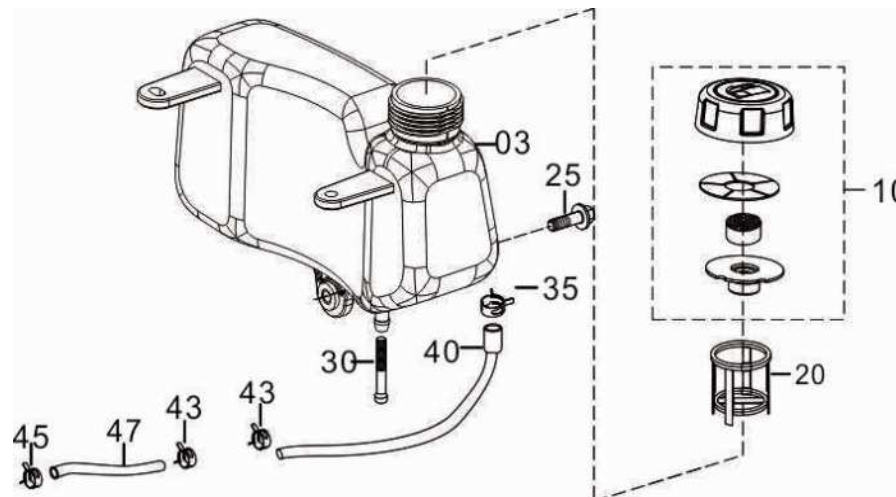
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
500_03	90305-0600-31	NUT	M6	3			
500_10	28200-Z020510-Q2	RECOIL STARTER		1			
500_11	28210-Z020210-00	RECOIL KNOB		1			
500_13	28239-Z240110-00	PAWL		2			
500_14	28221-Z030110-00	RECOIL ROPE(2.1m)		1			
500_50	28001-Z020120-00	STUD	M6X83	2			
500_52	28001-Z020220-00	STUD	M6X68	1			

FIG.530 ENGINE SHROUD**EA190V73030**

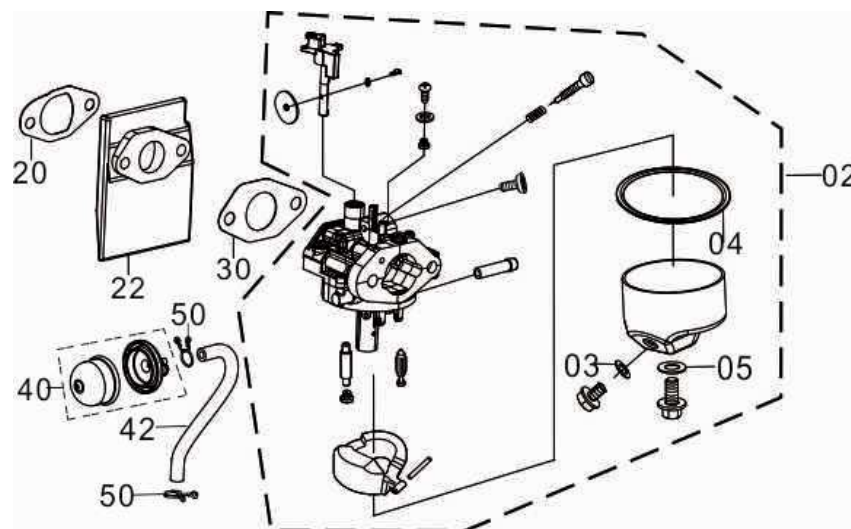
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
530_02	80001-Z020410-Q2	ENGINE SHROUD		1			
530_05	90254-0520-51	SCREW ASSY	M5×20	4			

FIG.540 LABEL**EA190V73030**

REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
540_02	88013-Z020210-00	TRADE MARK LABEL		1			
540_05	88001-Z020410-00	WARNING LABEL		1			
540_08	88025-Z020520-00	FUEL VALVE LABEL		1			
540_15	88008-Z020210-00	PRIMER LABEL		1			

FIG.600 FUEL TANK**EA190V73030**

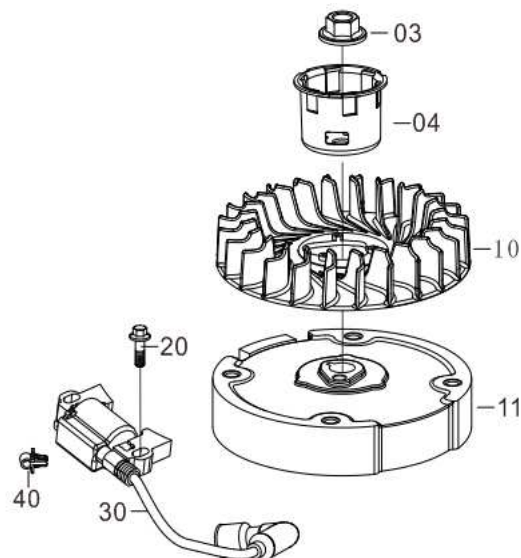
REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
600_03	16620-Z620110-02	FUEL TANK	EPA II /1.5L	1			
600_10	16730-Z020210-G4	TANK CAP ASSY.		1			
600_20	16672-Z620110-QG	OIL LEVEL MARK		1			
600_25	90007-0625-A1	BOLT	M6×25	1			
600_30	16652-Z030110-00	FUEL FILTER		1			
600_35	90685-Z020210-00	HOSE CLAMP	Φ11×0.8×8	1			
600_40	90686-Z020320-00	FUEL HOSE	L=196	1			
600_43	90685-Z020110-00	HOSE CLAMP	Φ9.5×0.8×8	2			
600_45	90685-Z030220-00	HOSE CLAMP	Φ7.5×0.8×8	1			
600_47	90686-Z020210-00	FUEL HOSE	L=118	1			

FIG.610 CARBURETOR**EA190V73030**

REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
610_02	16100-Z020510-02	CARBURETOR ASSY.		1			
610_03	90409-Z020110-00	PACKING,FUEL DRAIN BOLT		1			
610_04	16112-Z020110-00	O-RING,FUEL CUP		1			
610_05	90681-Z020110-00	O-RING,FUEL CUP BOLT	6×1.8	1			
610_20	16002-Z020110-00	INSULATOR GASKET		1			
610_22	16003-Z020120-00	INSULATOR		1			
610_30	16001-Z020120-00	CARBURETOR GASKET		1			
610_40	16210-Z250120-30	PRIMER		1			
610_42	16211-Z020210-00	PRIMER HOSE		1			
610_50	90685-0700-01	HOSE CLAMP		2			

FIG.700 IGNITION COIL

EA190V73030



REF.NO.	FHI PART NO	DESCRIPTION	SPECIFICATION	Q'TY	PACK	PRICE	REMARK
700_03	13501-Z010110-00	FLYWHEEL NUT		1			
700_04	28002-Z020210-00	START CUP		1			
700_10	19352-Z010110-00	COOLING FAN		1			
700_11	13510-Z020210-00	FLY WHEEL	CAST IRON	1			
700_20	90007-0625-A1	BOLT	M6×25	1			
700_30	30400-Z021210-00	IGNITION COIL		1			
700_40	90684-Z020110-00	PLASTIC CLAMP		1			