

¡ Únete al Equipo MPOWER !

MPOWER

MOTOR DIESEL 9HP
186FD
ARRANQUE ELÉCTRICO

**GUÍA BÁSICA
DE PIEZAS
M P O W E R**

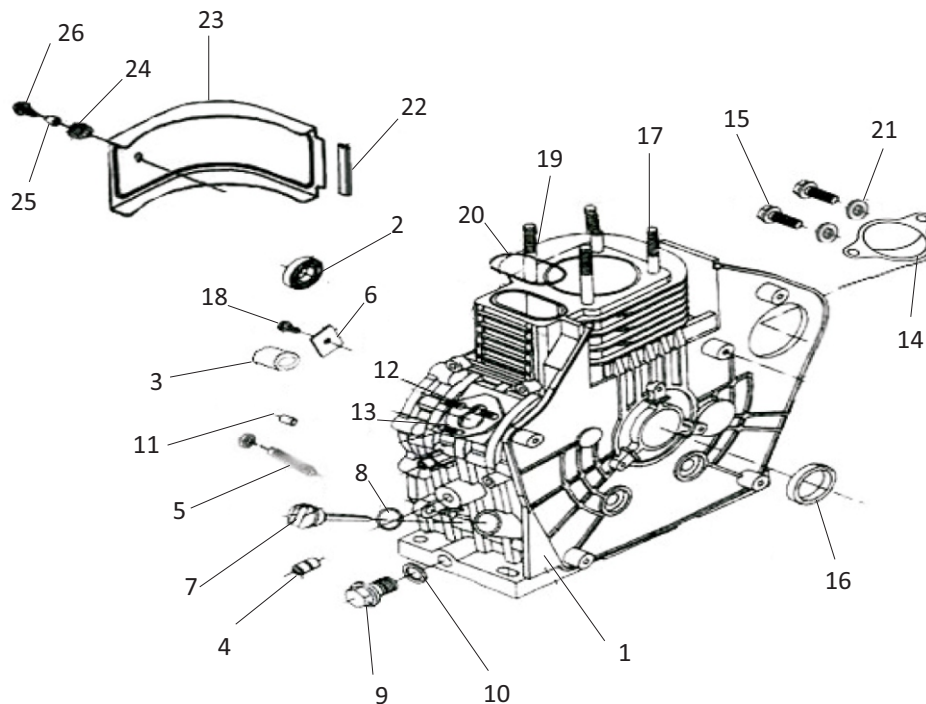


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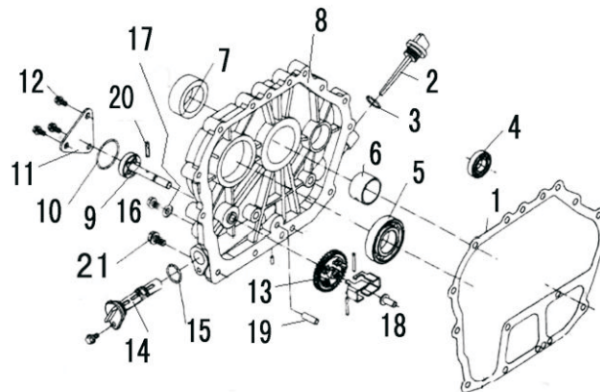


E-1 CRANKCASE ASSY



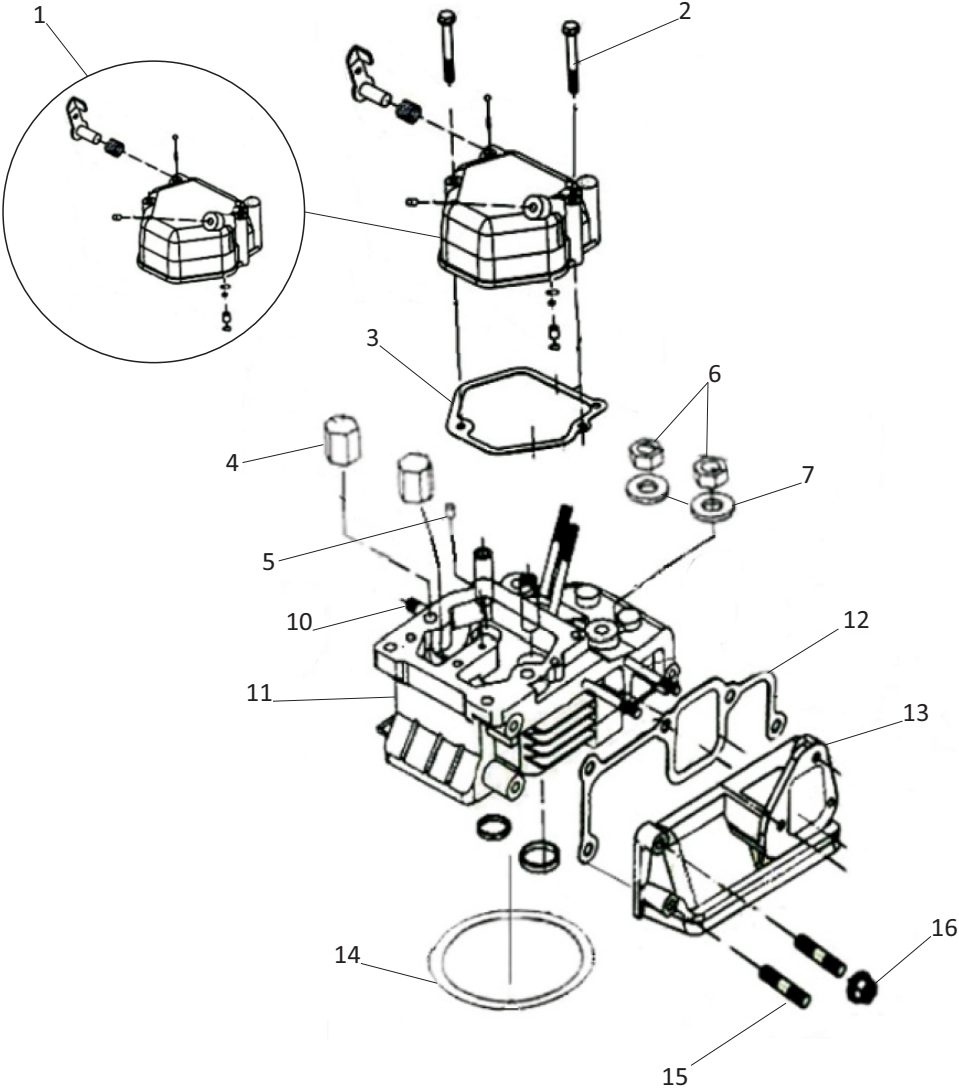
S/N.	PART NO.	DESCRIPTION	QUANTITY
1	11110/186FD	CRANKCASE	1
2	GB/T276-94	BEARING 6203/P5	1
3	GB/T290-98	ROLLER BEARING	1
4	GB/T290-98	ROLLER BEARING	2
5	11160/186FD	OIL QUANTITY CONTROLLER SUB ASSEMBLY	1
6	11151/178FD	BEARING STOP PATCH	1
7	15511/178FD	DIPSTICK	1
8	GB/T3451.1-2005	O-ING	1
9	11115/178FD	DRAIN PLUG	2
10	11116//178FD	WAHSER, DRAIN PLUG	2
11	GB/T119.1-2000	SET PIN 8M6 X 12	2
12	11153/178FD	BOLT Am6 X 36	2
13	11154/178FD	BOLT Am6 X 31	1
14	12159/178FD	STARTER COVER BOARD	1
15	GB/T5783-86	BOLT M10 X 16	2
16	GB/T9877.1-1988	OIL SEAL Sc35 X 50 X 8	1
17	11156	CYLINDER HEAD CONNECT BOLT	2
18	GB/T5789-86	BOLT M8 X 12	1
19	11155	CYLINDER HEAD CONNECT BOLT	2
20	11152/178FD	RECTANGLEPRESSURIZE LOOP	1
21	GB/T97.1-85	FLAT WASHER 10	2
22	19122/178FD	BELOW GUIDE AIRPROOF PASTERN	1
23	19121	BELOW GUIDE	1
24	19123/178FD	BELOW GUIDE DAMPING PASTERN	1
25	16914/178FD	BELOW GUIDE BUSH	1
26	GB/T5789-86	BOLT M6 X 18	1

E-2 CRANKCASE COVER ASSY



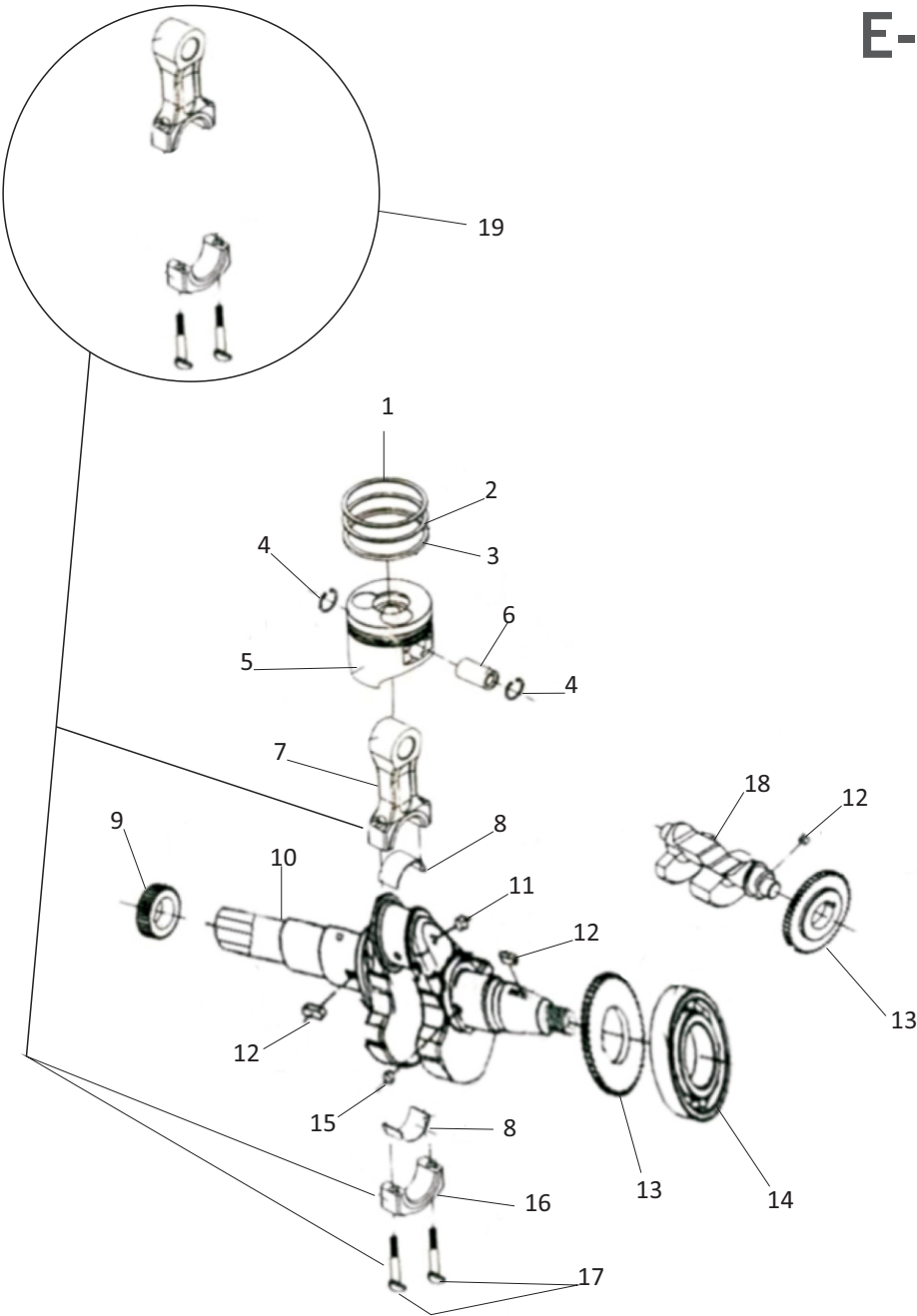
S/N.	Part No.		Description	Quantity	Remark
1	11114/186FD		Gasket, crankcase	1	
2	15511/178FD		Dipstick	1	
3	GB/T3452. 1-2005		O-ring 19×3. 55	1	
4	GB/T276-94		Bearing 6203/P5	1	
5	GB/T276-94		Bearing 6207/P5	1	
6	11217/186FD		Bearing`	1	
7	GB/T9877. 1-2008		Oil seal SG35×50×10	1	
8	11211/186FD		Crankcase cover	1	
9	15100/186FD		Oil pump assembly	1	
10	GB/T3452. 1-2005		O-ring 34×1. 8	1	
11	15112/178FD		Cover, oil pump	1	
12	GB/T5789-86		Bolt M6×12	4	
13	15120/178F		Engine oil pump driven gear subassembly	1	
14	15200/178FD		Oil filter Assy	1	
15	GB/T3452. 1-2005		O-ring 20×2. 52	1	
16	GB/T16674. 2-2004		Bolt M10×1×12	1	
17	GB/T97.1-85		Aluminium washer	1	
18	15123		Engine oil pump driven gear slide sheath	1	
19	15215 / 178FD		Enter oil trachea	1	
20	GB/T119.1-200		Set pin 3m6X16	1	
21	GB/T5789-86		Bolt M8X33.5	16	

E-3 CYLINDER HEAD & CYLINDER HEAD COVER ASSY ASSY

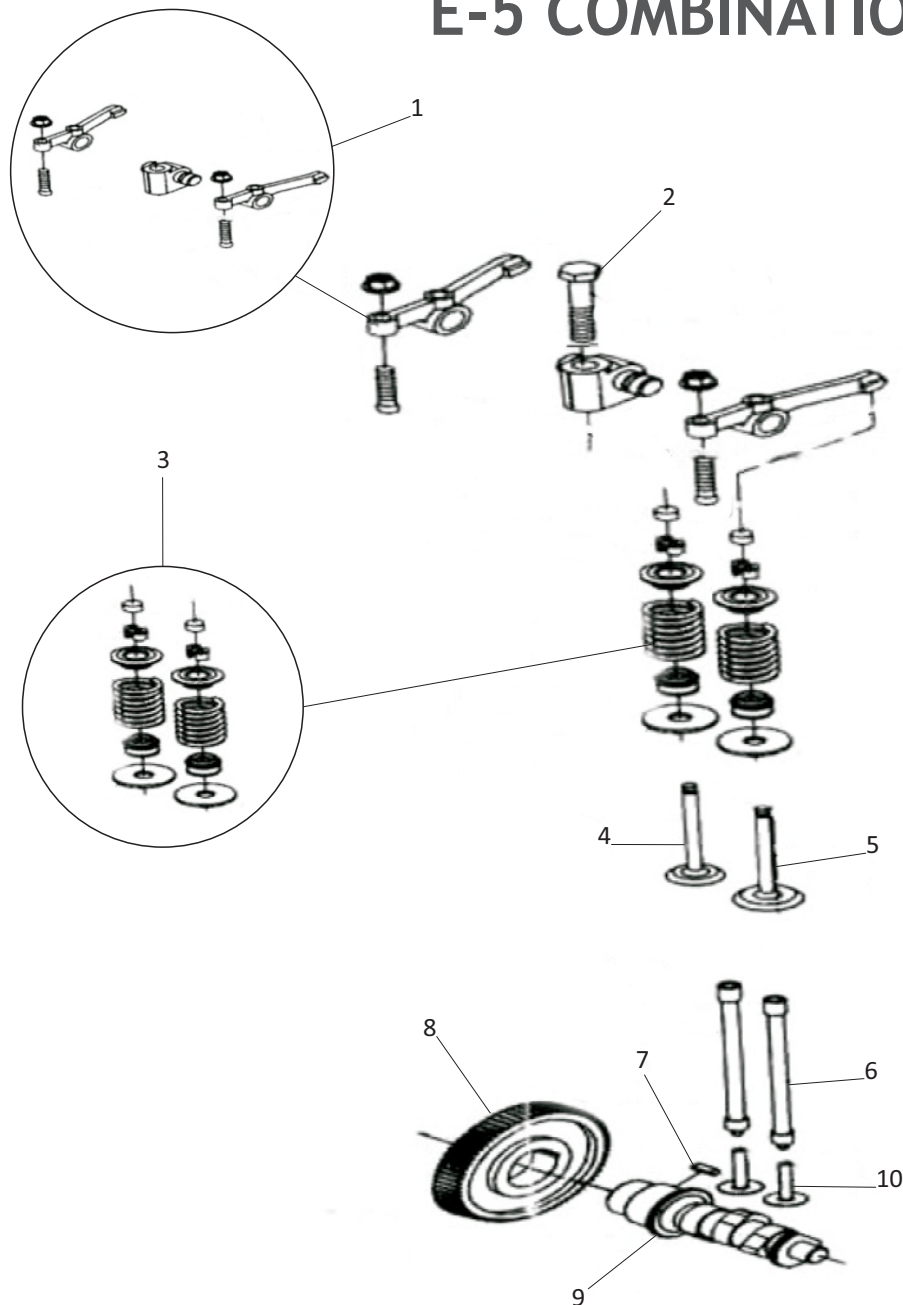


S/N.	PART NO.	DESCRIPTION	QUANTITY
1	12200/186FD	CYLINDER HEAD COVER	1
2	GB/T5789-86	BOLT M6 X 70	2
3	12212/186FD	GASKET, CYLINDER HEAD COVER	1
4	12155	GASKET, CYLINDER HEAD COVER	2
5	GB/T119.1-200	SET PIN 4m6 X 8	1
6	12156	CYLINDER HEAD NUL	2
7	12157	CYLINDER HEAD NUL WASHER	4
8	GB/T900-88	BOLT Am6 X 62	2
9	GB/T900-88	BOLT Am6 X93	2
10	GB/T899-88	BOLT Am8 X 32	2
11	12100/186FD	CYLINDER HEAD ASSY	1
12	17219	INTAKE PIPE WASHER	1
13	12151/186FD	CYLINDER HEAD IR INTAKE PIPE	1
14	12121	GASKET CYLINDER HEAD	1
15	11153	GASKET CYLINDER HEAD	3
16	GB/T6177.1-2000	NUT M6	3

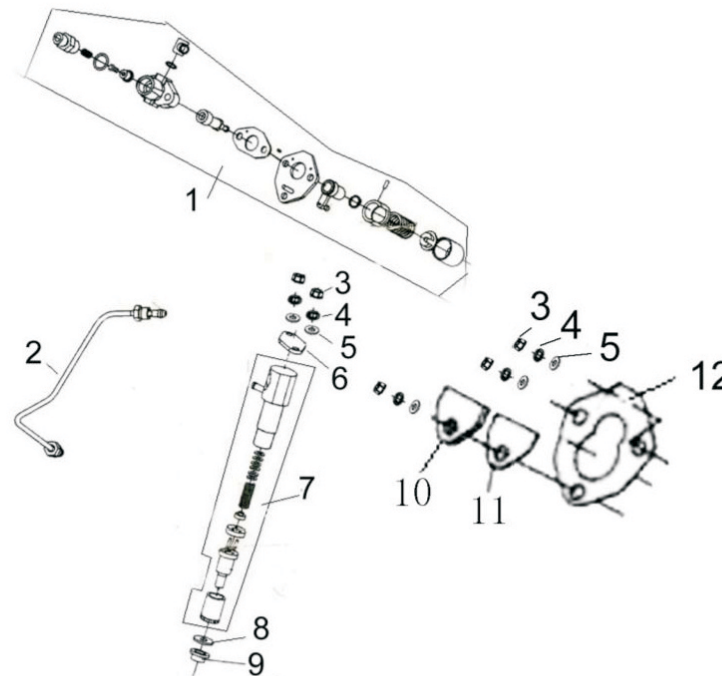
E-4 CRANKSHAFT, PISTON & TIE-ROD



S/N.	PART NO.	DESCRIPTION	QUANTITY
1	13411/186FD	PISTON RING (I)	1
2	13412/186FD	PISTON RING (II)	1
3	13420/186FD	SCRAPER RING SET	1
4	13313	PISTON PIN CIRCLIP	2
5	13311/186FD	PISTON	1
6	13312/186FD	PISTON PIN	1
7	13121/186FD	CONNECTING ROD SHANK	1
8	13131/186FD	CONNECTING ROD SHAFTING	2
9	13113	TIMING DRIVING GEAR	1
10	13111/186FD	CRANKSHAFT	1
11	GB/T308-2002	STEEL BALL	1
12	GB/T1096-2003	KEY 5X12	2
13	13151/186FD	BALANCING SHAFT	2
14	GB/T276-94	BEARING 6308/P5	1
15	GB/T1096-2003	KEY 5X7	2
16	13122/186FD	CONNECTING ROD CAP	1
17	13123/186FD	BOLT	2
18	13116/186FD	EQUILIBRIUM SHAFT	1
19	13130/186FD	Ensamble Biela (16,17 Y 7)	1

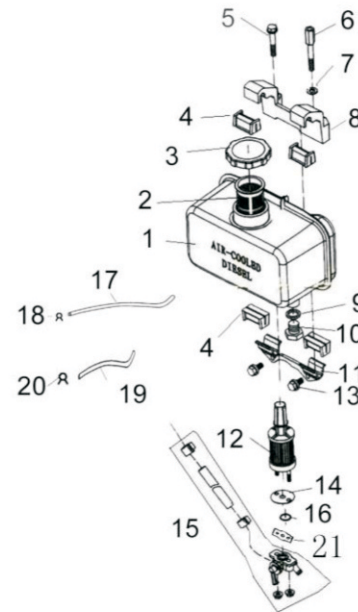
E-5 COMBINATION OF CAM SHAFT & VALVE ROCKER

S/N.	PART NO.	DESCRIPTION	QUANTITY
1	14330/186FD	ROCKER ABSUTMENT SUBASSEMBLY	1
2	GB/T16674.1-2004	BOLT M10 X 55	1
3	14416/186FD	Valve Subassembly	1
4	14412/186FD	EXHAUST VALVE	1
5	14411/186FD	INTAKE VALVE	1
6	14210	PUSHER	2
7	GB/T1096-2003	KEY 5 X 14	1
8	14119	CAM SHAFT TIMING DRIVING GEAR	1
9	14111/186FD	CAM SHAFT	1
10	14315/186FD	TAPPET	2

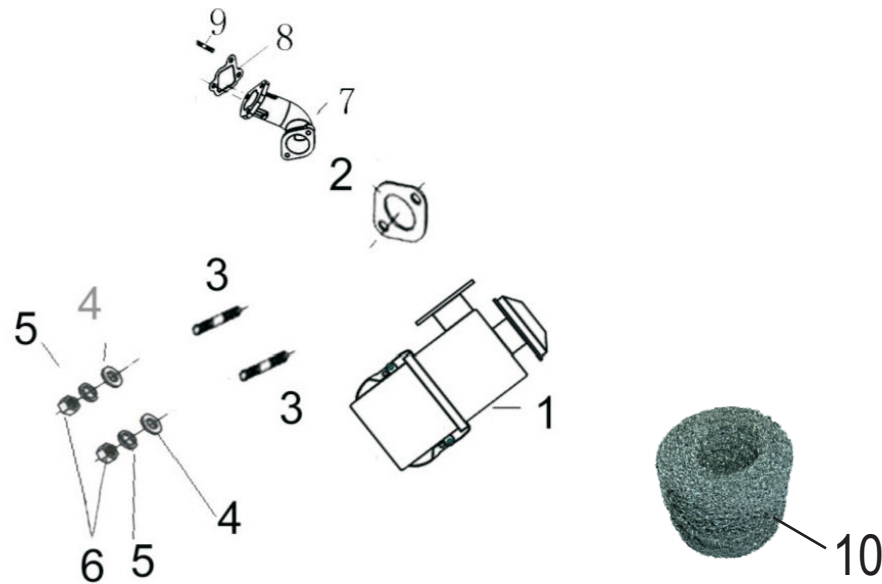
E-6 SPRINKLING PUMP AND SPRINKLING MACHINE ASSEMBLY

S/N.	Part No.		Description	Quantity	Remark
1	28500/186FD		Sprinkling pump assembly	1	
2	28610		High-handed vita subassembly	1	
3	GB/T6170-2000		Nut M6	5	
4	GB/T93-87		Ball washer 6	5	
5	GB/T97.1-85		Flat washer 6	5	
6	28711/178FD		Sprinkling machine seasaw	1	
7	28700/186FD		Sprinkling machine assembly	1	
8	28712/178FD		Sprinkling machine adjust washer	1	
9	12158/178FD		Heat insulation sheath	1	
10	28513/178FD		Observe hole airproof board	1	
11	28512/178FD		Observe hole airproof washer	1	
12	28511/178D		Sprinkling pump adjust washer	1	

E-7 FUEL TANK ASSY

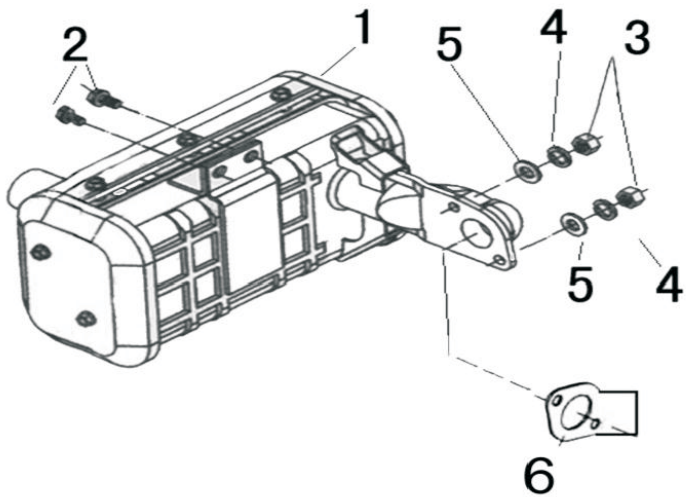


S/N.	Part No.	Description	Quantity	Remark
1	16500/186FD	Fuel filler cap Assy	1	
2	16610/178FD	Filter cup subassembly	1	
3	16400/178FD	Fuel filler cap sub-assy	1	
4	16911/178FD	Fuel tank cushion	4	
5	GB/T5789-86	Bolt M8×45	1	
6	16548/178FD	Fuel filler cap bracket bolt	1	
7	GB/T97.1-85	Flat washer 8	1	
8	16543/186FD	Fuel filler cap bracket	1	
9	16671/178FD	Oil box discharge bolt washer	1	
10	GB/T5786-2000	Bolt M12×1.25×14	1	
11	16580/178FD	Fuel filler cap below bracket subassembly	1	
12	16660/186FD	Fuel filter parts	1	
13	GB/T5789-86	Bolt M6×14	2	
14	16664 /178FD	Fuel filter washer	1	
15	16640 /178FD	Fuel cock	1	
16	GB /T3452.1 - 2005	O-ring 13X2	1	
17	16623 /178FD	Outlet pipe	1	
18	16624 /178FD	Pipe clamp	2	
19	16621 /178FD	Outlet pipe	1	
20	16622 /178FD	Pipe clamp	2	
21	16643 /178FD	Fuel switch washer	1	

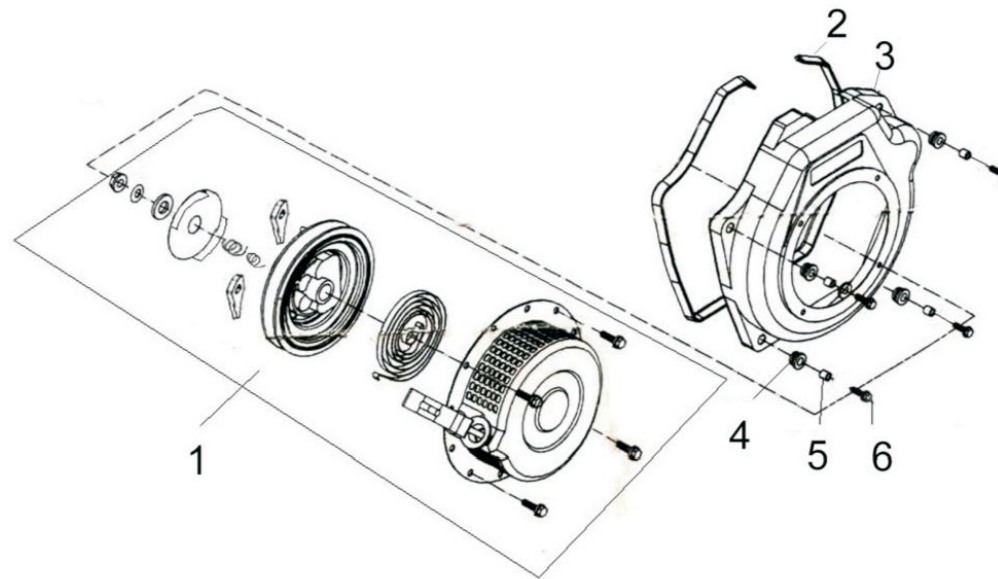
E-8 AIR CLEANER ASSY


S/N.	Part No.		Description	Quantity	Remark
1	17100/186FD		Air cleanr assembly	1	
2	17113/186FD		Air cleanr washer	1	
3	GB/T899-88		Bolt M8×30	2	
4	GB/T97.1-85		Flat washer 8	2	
5	GB/T93-87		Ball washer 8	2	
6	GB/T6170-86		Nut M8	2	
7	17214/186FD		Air cleanr linker	1	
8	17221/186FD		Air cleanr linke washer	1	
9	GB/T900-88		Bolt M6×30	1	
10	17130 / 186FD		Filtro de Aire	1	

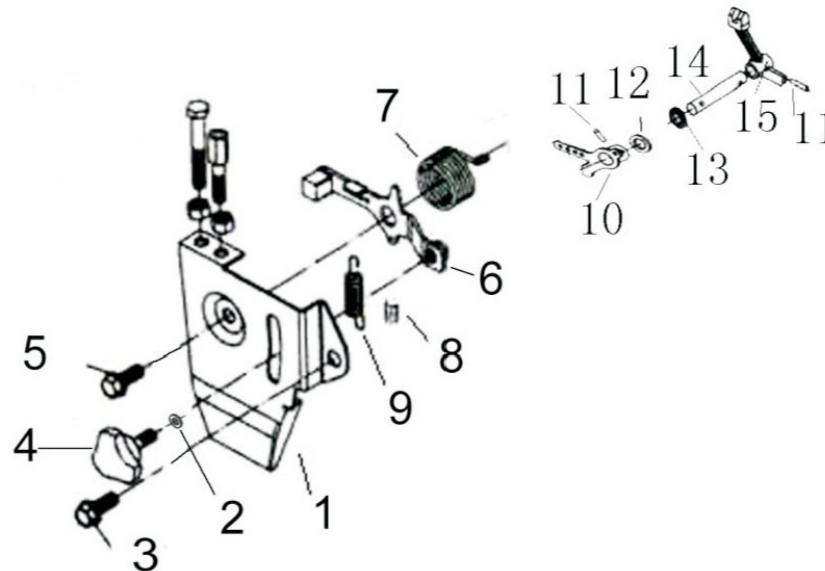
E-9 MUFFLER



S/N.	Part No.		Description	Quantity	Remark
1	18000/186FD		Muffler	1	
2	GB/T5789-86		Bolt M8×22	2	
3	GB/T6170-2000		Nut M8	2	
4	GB/T93-87		Ball washer 8	2	
5	GB/T97.1-85		Flat washer 8	2	
6	18215/186FD		Exhaust gasket	1	

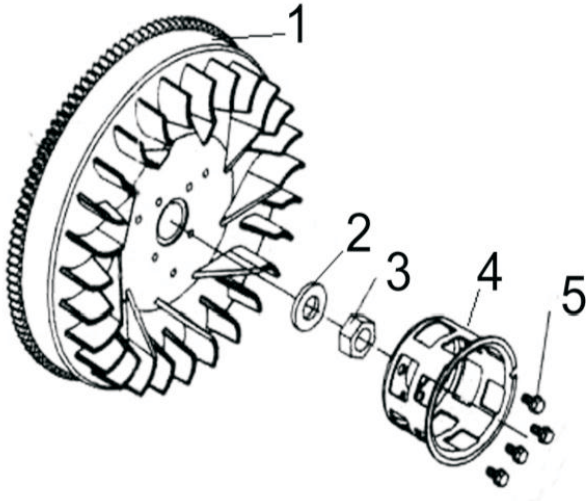
E-10 RECOIL STARTER

S/N.	Part No.		Description	Quantity	Remark
1	23200		Recoil starter	1	
2	19223/186FD		Fan hood airproof pastern	1	
3	19211/186FD		Fan hood	1	
4	19224/178FD		Fan hood damping pastern	4	
5	19225/178FD		Fan hood bush	4	
6	GB/T5789-86		Bolt M6×25	4	

E-11 REGULATING CONTROL SYSTEM

S/N.	Part No.		Description	Quantity	Remark
1	26210/178FD		Regulating mount	1	
2	GB/T97.1-85		Flat washer 6	1	
3	GB/T5789-86		Bolt M6×14	1	
4	26261/178FD		Regulating handle	1	
5	GB/T5789-86		Bolt M6×18	1	
6	26220/178FD		Regulating arm Assy	1	
7	26232/178FD		wrest spring	1	
8	26215/178FD		Regulating spring	1	
9	26117/178FD		Back spring	1	
10	26114/178FD		Regulating arm	1	
11	GB/T117-2000		Set pin 3×22	2	
12	26311/178FD		Dial adjust washer	1	
13	26290/178FD		Bearing	1	
14	26312/178FD		Regulating	1	
15	14113/178FD		Dial	1	

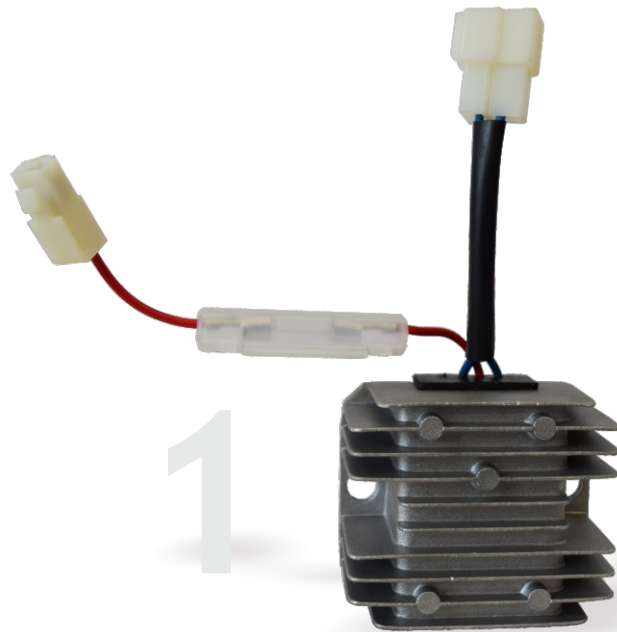
E-12 FLYWHEEL



S/N.	Part No.		Description	Quantity	Remark
1	23311/186FD		Flywheel	1	
2	23319		Flywheel nut washer	1	
3	23317		Nut	1	
4	23316/186FD		Starting flange	1	
5	GB/T5789-86		Bolt M6×12	4	

E-13 REFACCIONES ENSAMBLES

S/N.	PART NO.	DESCRIPTION	QUANTITY
1	31140/186FD	ENSAMBLE DEL REGULADOR DE VOLTAJE	1
2	24100/186FD	ENSAMBLE DE ARRANQUE	1
3	31100/186FD	ENSAMBLE DEL ESTATOR	1



S/N.	PART NO.	DESCRIPTION	QUANTITY
1	KIT-ARNES/186FD	KIT DEL ARNÉS DE ARRANQUE	1



E-15 EMBLEM



S/N	Part No.	Description	Quantity	Remark
1	91111	Emblem, rotundity power	1	
2	91128/178F	Emblem, jump-start	1	
3	91125/178F	Emblem, notice Warning	1	
4	91146/178F	Emblem, Warning	1	
5	91113/178F	Emblem, maintenance of air cleaner	1	
6	91161/178F	Emblem, cleansing adding oil	1	
7	91127/178F	Emblem, Warning	1	
8	91126/178F	Emblem, reading Warning	1	

MOTOR **186FD**
MPOWER 9HP



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INFORMES