



# **MANUAL DE REPUESTOS**

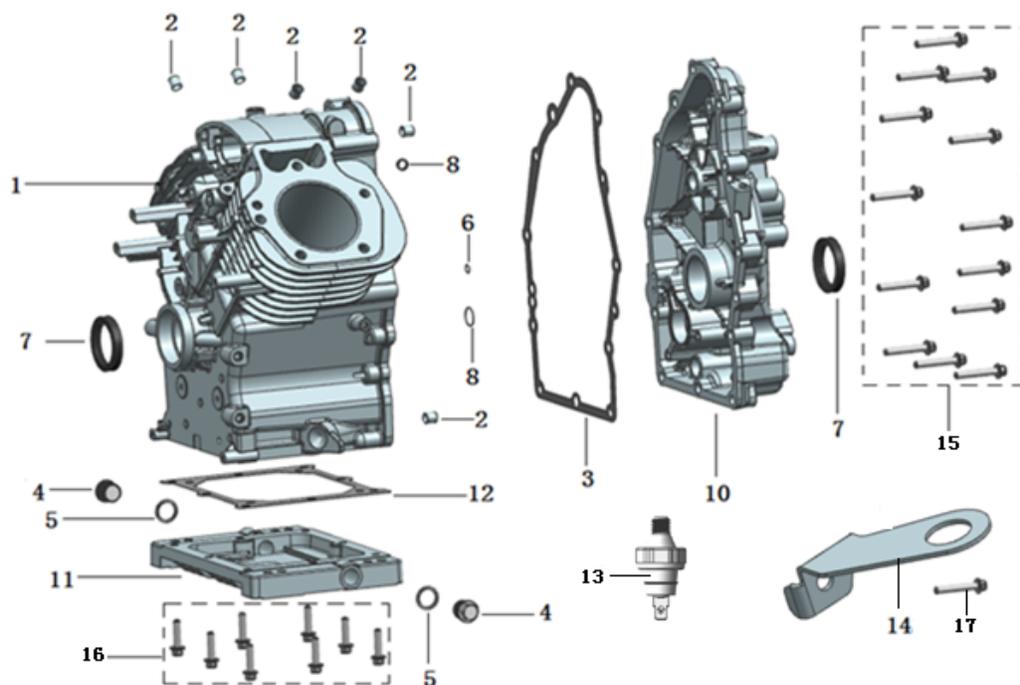
**GENERADOR LF22000**

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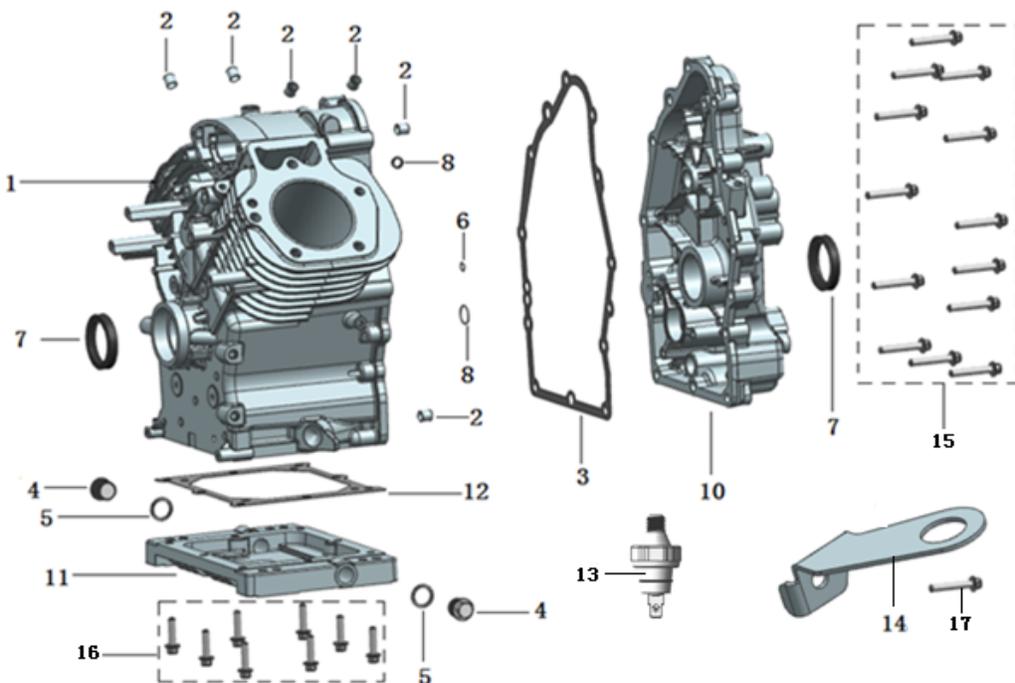
**REPUESTOS  
MPOWER**

# ***CONTENIDO***

<b>E1 CRANKCASE &amp; CRANKCASE COVER</b> .....	<b>1-2</b>
<b>E2 CYLINDER HEAD &amp; CYLINDER HEAD COVER ASSY</b> .....	<b>3-4</b>
<b>E3 CRANKSHAFT PISTON CONNECTING</b> .....	<b>5</b>
<b>E4 COMBINATION OF CAMSHAFT &amp; VALVE ROCKER</b> .....	<b>6</b>
<b>E5 OIL PUMP &amp; OIL FILTER ASSY</b> .....	<b>7</b>
<b>E6 CARBURATOR &amp; GASOLINE PUMP ASSY</b> .....	<b>8</b>
<b>E7 AIR CLEANER ASSY &amp; INTAKE MANIFOLD MODULE</b> .....	<b>9</b>
<b>E8 MUFFLER ASSEMBLY</b> .....	<b>10</b>
<b>E9 COOLING SYSTEM</b> .....	<b>11-12</b>
<b>E10 FLYWHEEL COMPONENT</b> .....	<b>13</b>
<b>E11 STARTING MOTOR ASSY</b> .....	<b>14</b>
<b>E12 SPEED CONTROL SYSTEM</b> .....	<b>15</b>
<b>E13 IGNITION SYSTEM</b> .....	<b>16</b>
<b>E14 TUBBING ASSEMBLY</b> .....	<b>17</b>
<b>E15 MAIN HARNESS ASSEMBLY</b> .....	<b>18</b>
<b>G1 FUEL TANK ASSEMBLY</b> .....	<b>19</b>
<b>G2 TOP COVER BOARD</b> .....	<b>20</b>
<b>G3 GENERATOR</b> .....	<b>21</b>
<b>G4 FRAME</b> .....	<b>22</b>
<b>G5 BATTERY ASSY</b> .....	<b>23</b>
<b>G6 WHEEL KIT ASSY</b> .....	<b>24</b>

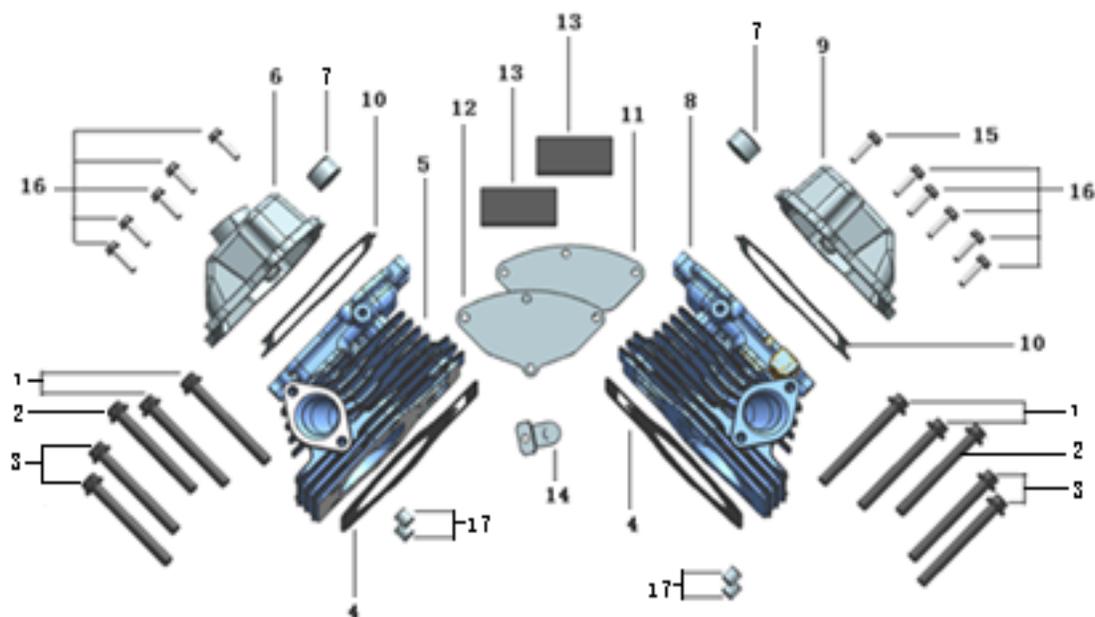


N°	PARTE N°	DESCRIPCIÓN	CANT.
E01-1	11110	Crankcase	1
E01-2	11113	Set pin $\phi$ 12 x 16	6
E01-3	11114	Gasket, crankcase	1
E01-4	11115	Drain plug M20 x 1.5 x 1.5	2
E01-5	11116	Washer, drain plug	2
E01-6	11119	O-ring $\phi$ 7 x $\phi$ 2	1
E01-7	11120	Oil seal, crankshaft $\phi$ 60 x $\phi$ 45 x9	2
E01-8	11130/A1010	Oil seal, regulating sway bar $\phi$ 12x $\phi$ 7.4x3.2	1
E01-9	11143	O-ring $\phi$ 20 x $\phi$ 2	1
E01-10	11210	Crankcase cover	1
E01-11	11311	Crankcase bottom cover	1

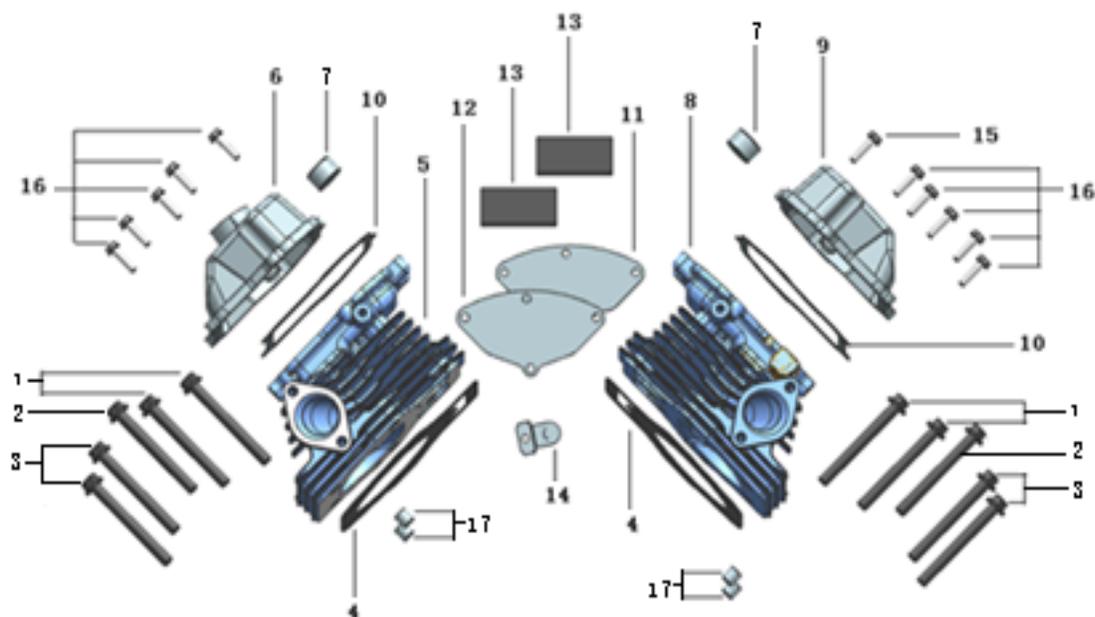


N°	PARTE N°	DESCRIPCIÓN	CANT.
E01-12	11314	Sealing gasket for crankshaft case bottom cover	1
E01-13	27400	Oil sensor	1
E01-14	24146	Suspension bracket	2
E01-15	12118/A1710	Bolt M8×50	13
E01-16	T152-0112	Bolt M8×30	8
E01-17	T152-0010	Bolt M8×18	2

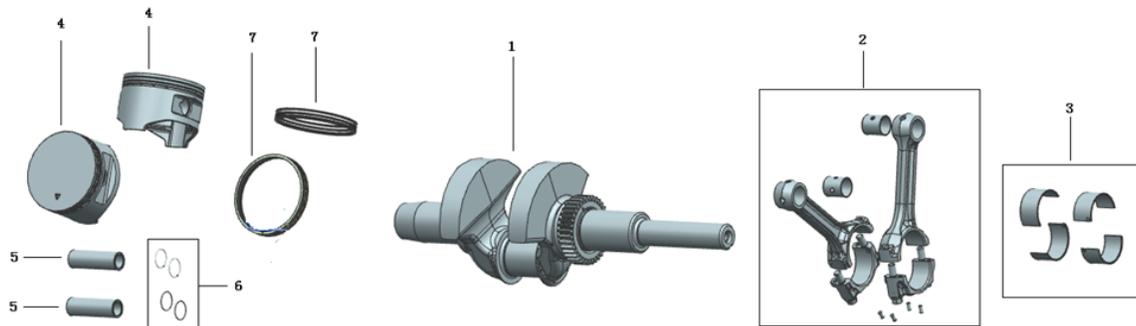
# CYLINDER HEAD & CYLINDER HEAD COVER ASSY



N°	PARTE N°	DESCRIPCIÓN	CANT.
E02-1	12118	Bolt M10×1.25×80	4
E02-2	12118	Bolt M10×1.25×87	2
E02-3	12118	Bolt M10×1.25×65	4
E02-4	12120	Cylinder head gasket assembly	2
E02-5	12130	Cylinder head Assy	1
E02-6	12132	Cylinder head cover Assy	1
E02-7	12133	Rc3/4"	2
E02-8	12140	Cylinder head Assy	1
E02-9	12142	Cylinder head cover Assy	1
E02-10	12212	Gasket, cylinder head cover	2
E02-11	12213	Gland, labyrinth	1

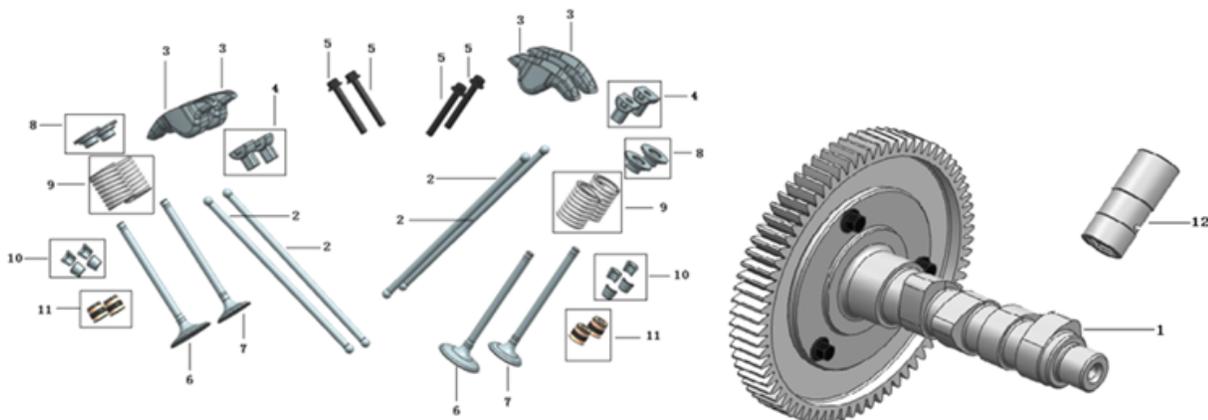


N°	PARTE N°	DESCRIPCIÓN	CANT.
E02-12	12217	Gasket, labyrinth gland	1
E02-13	12250	Labyrinth cover assembly	2
E02-14	12271	Reed valve	1
E02-15	T152-0030	Bolt M6×30	1
E02-16	T152-0013	Bolt M6×25	10
E02-17	12117/A1310	Crankcase cover Set pinφ12×16	4

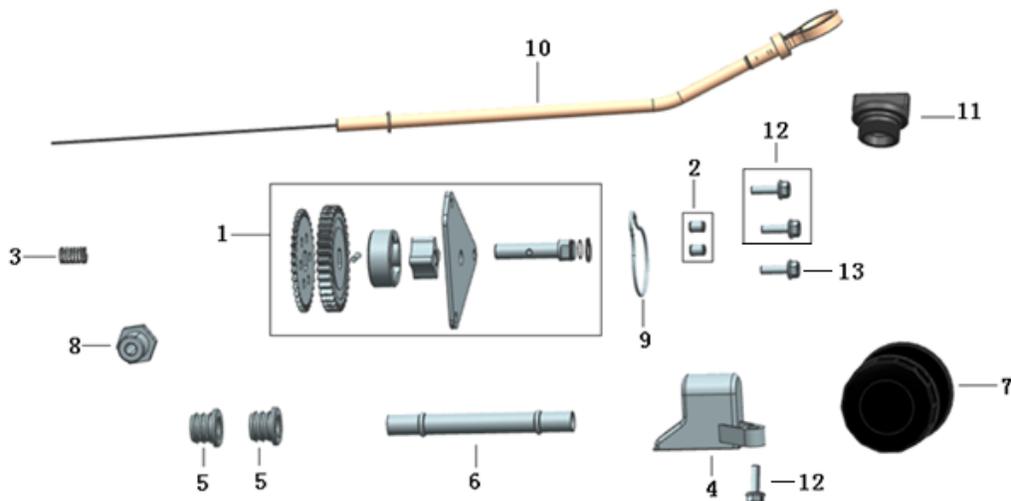


N°	PARTE N°	DESCRIPCIÓN	CANT.
E03-1	12118	Bolt M10×1.25×80	4
E03-2	12118	Bolt M10×1.25×87	2
E03-3	12118	Bolt M10×1.25×65	4
E03-4	12120	Cylinder head gasket assembly	2
E03-5	12130	Cylinder head Assy	1
E03-6	12132	Cylinder head cover Assy	1
E03-7	12133	Rc3/4"	2

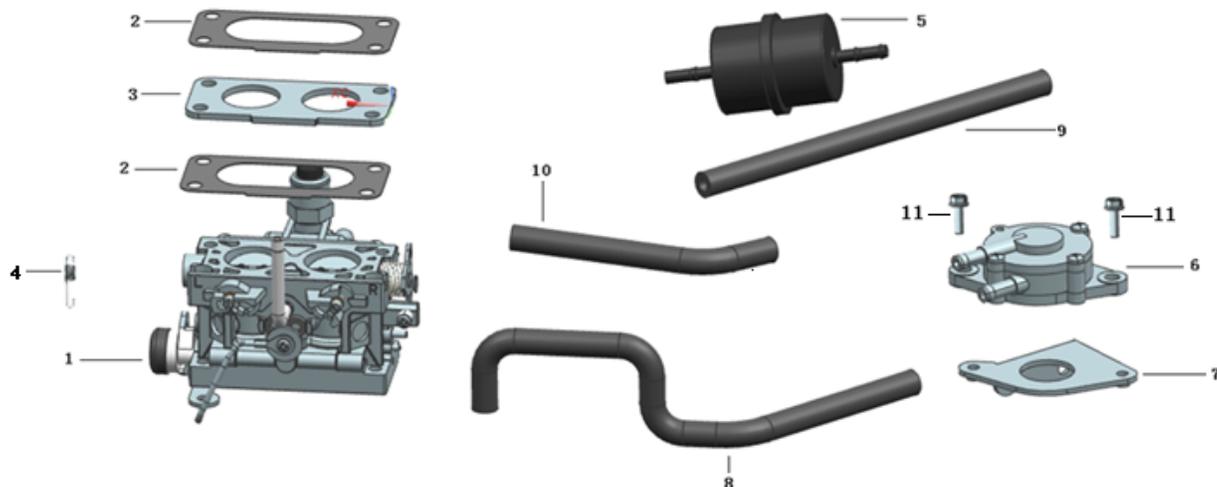
# COMBINATION OF CAMSHAFT & VALVE ROCKER



N°	PARTE N°	DESCRIPCIÓN	CANT.
E04-1	14100	Camshaft assy	1
E04-2	14210	Pusher	4
E04-3	14311	Valve rocker	4
E04-4	14312	Sleeve	4
E04-5	T152-0118	Bolt M6×40	4
E04-6	14411	Intake valve	2
E04-7	14412	Exhaust valve	2
E04-8	14413	Spring seat, exhaust valve	4
E04-9	14414	Valve spring	4
E04-10	14418	Valve collet	8
E04-11	14420	Oil shield assembly	4
E04-12	14350	Hydraulic tappet	4



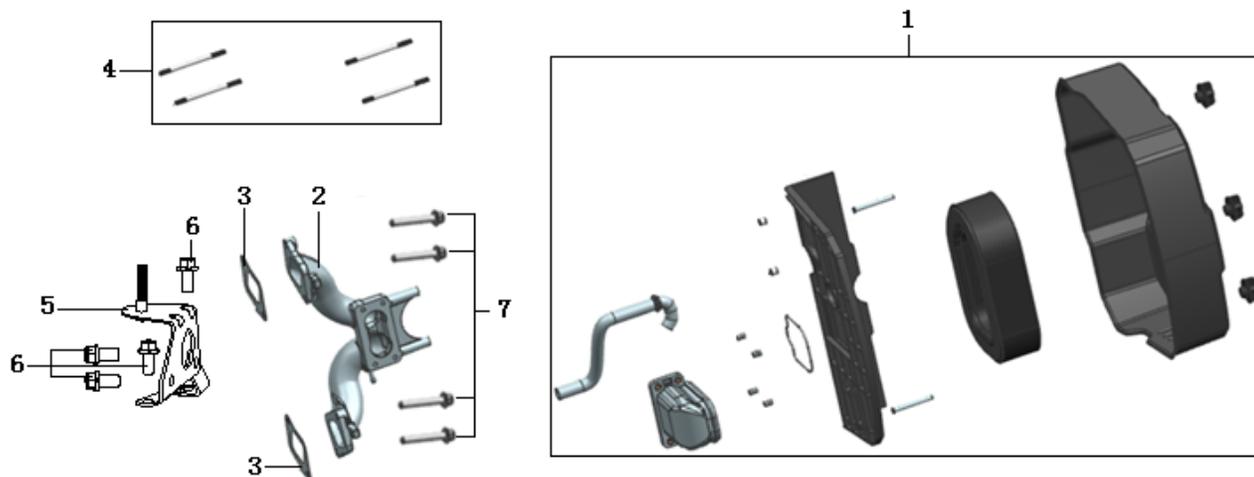
N°	PARTE N°	DESCRIPCIÓN	CANT.
E05-1	15100	Oil pump Assy	1
E05-2	24143/A2514	Set pin $\varnothing 8 \times 10$	2
E05-3	15118	Spring	1
E05-4	15160	Oil suction pan	1
E05-5	15161	Oil suction disc plug	2
E05-6	15162	Oil suction plate connecting sheel pipe	1
E05-7	15200	Oil filter Assy	1
E05-8	15212/A1310	Connector	1
E05-9	15127	Oil pump O-ring	1
E05-10	15500	Dipstick with seal	1
E05-11	15610	Oil plug	1
E05-12	T152-0034	Bolt M6 $\times$ 25	3
E05-13	T152-0013	Bolt M6 $\times$ 20	1



N°	PARTE N°	DESCRIPCIÓN	CANT.
E06-1	16100	Fuel pump Assy	1
E06-2	16113	Carburetor gasket	2
E06-3	16122	Connecting block	1
E06-4	16332	Choke return spring	1
E06-5	16660	Fuel filter assembly	1
E06-6	16700	Gasoline pump assembly	1
E06-7	16711	Gasoline pump support plate	1
E06-8	16715	Outlet pipe, fuel pump	1
E06-9	16714	Vacuum pipe, fuel pump	1
E06-10	16716	Inlet pipe, fuel pump	1
E06-11	T152-0013	Bolt M6x20	2

# E-07

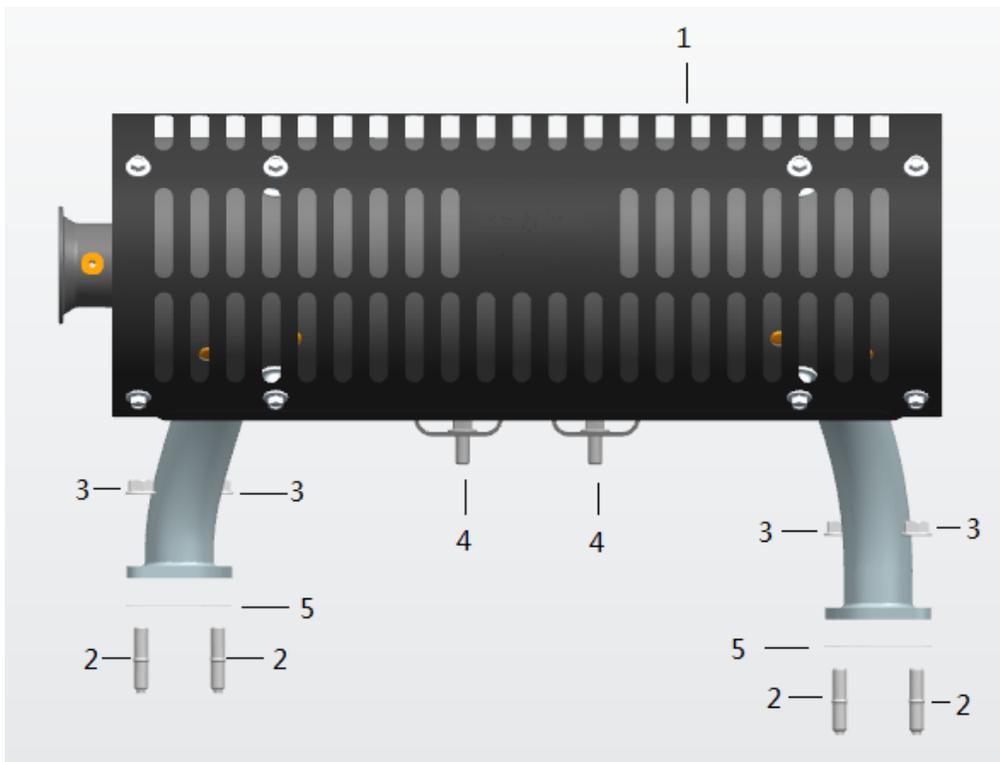
# AIR CLEANER ASSY & INTAKE MANIFOLD MODULE



MANUAL DE REPARACIONES - LF 22000E

N°	PARTE N°	DESCRIPCIÓN	CANT.
E07-1	17100	Air cleaner housing	1
E07-2	17200	Inlet pipe	1
E07-3	17219	Gasket, inlet pipe	1
E07-4	17218	Stud M6×95	1
E07-5	17250	Bracket, air cleaner	1
E07-6	T152-0054	Bolt M6×16	4
E07-7	T152-0112	Bolt M8×30	4

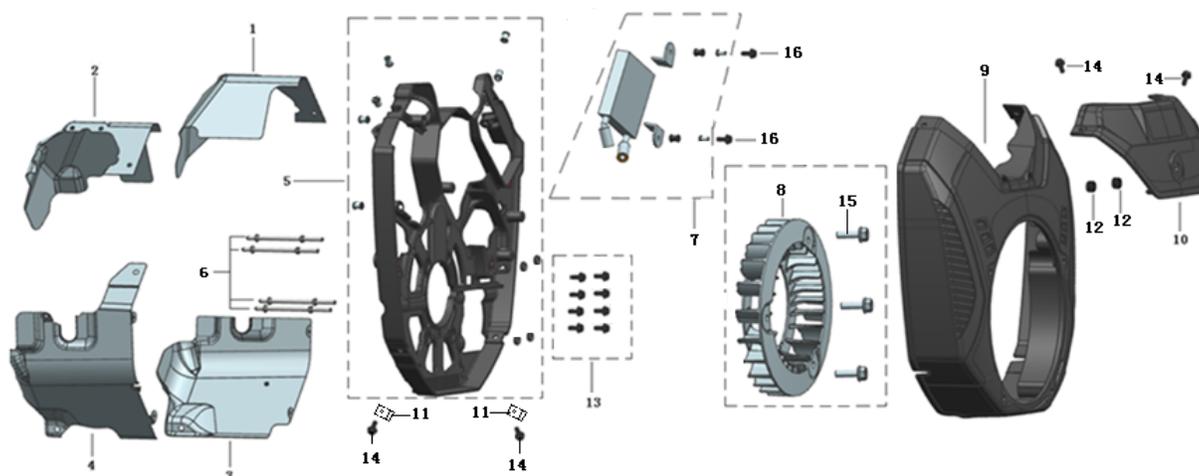
# E-08 MUFFLER ASSEMBLY



MANUAL DE REFACCIONES - LF22000E

N°	PARTE N°	DESCRIPCIÓN	CANT.
E08-1	18000-A2910-0002	Silencer assembly	1
E08-2	18214-A1310-0001	Stud	4
E08-3	T354-0010	Nut	4
E08-4	T152-0015	Bolt M8×16	3
E08-5	18215-A2910-0001	Exhaust pipe gasket	2

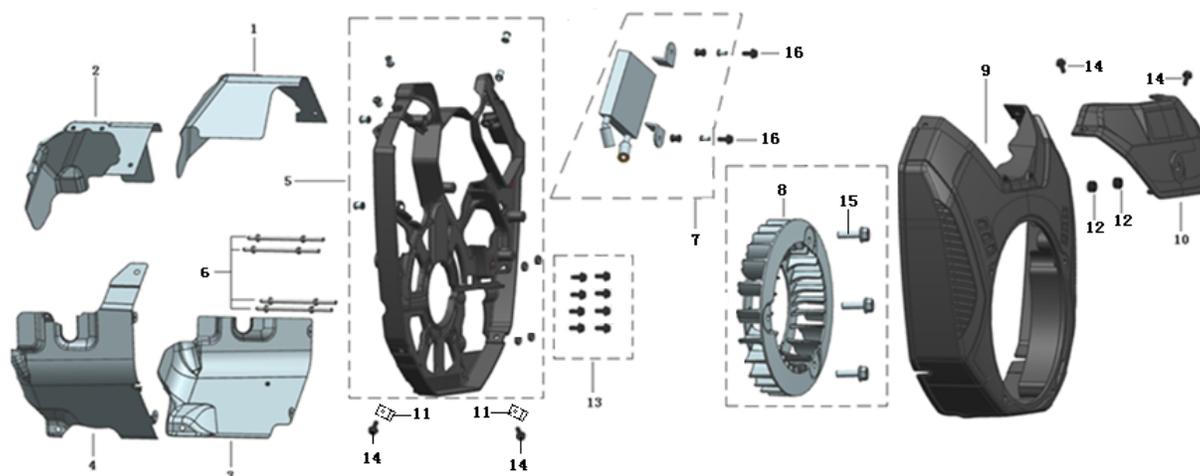
# E-09 COOLING SYSTEM



MANUAL DE REPARACIONES - LF 22000E

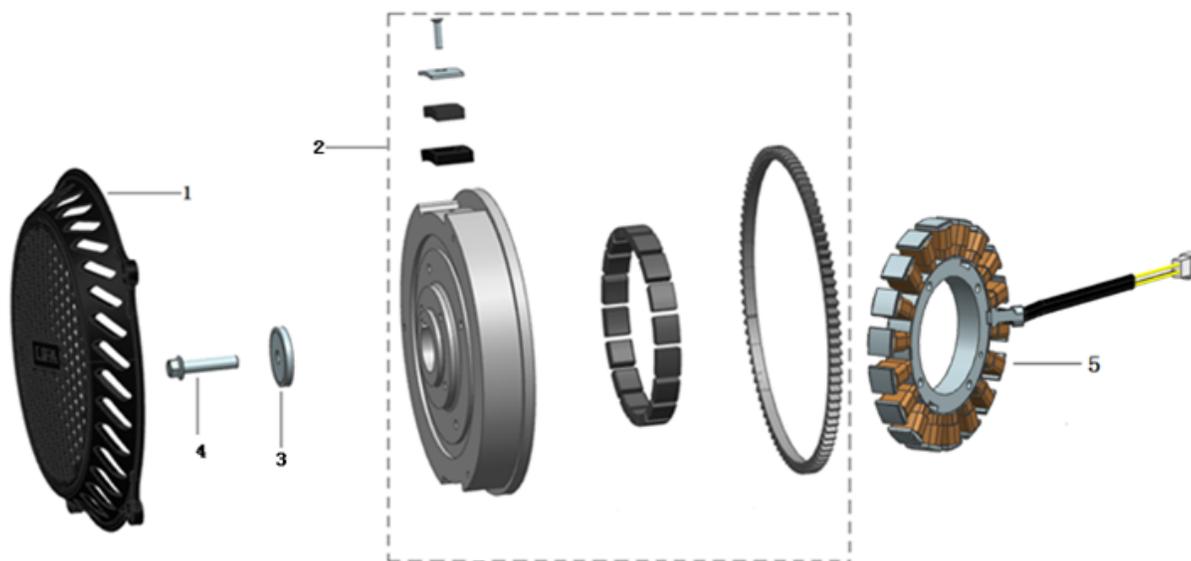
N°	PARTE N°	DESCRIPCIÓN	CANT.
E09-1	19114	Deflector	1
E09-2	19115	Deflector II	1
E09-3	19121	Lead wind cover	1
E09-4	19131	Lead wind cover II	1
E09-5	19240	Induced draft fan	1
E09-6	19213	Stud	4
E09-7	19630	Condensator	1
E09-8	19250	Flywheel fan	1

# E-09 COOLING SYSTEM

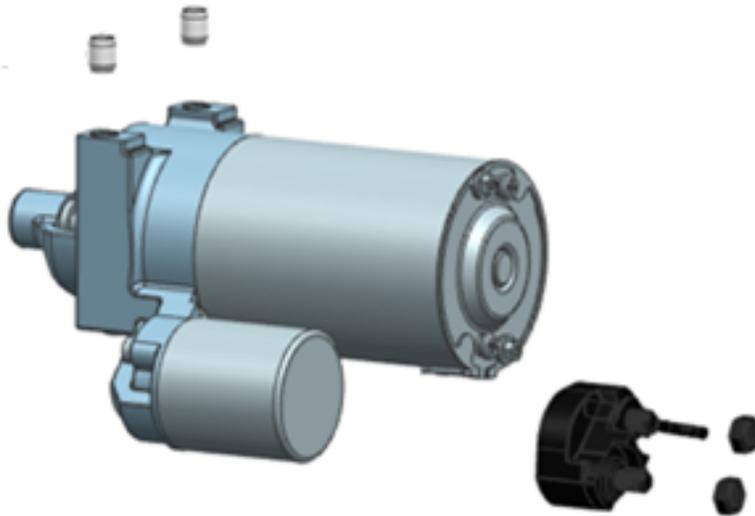


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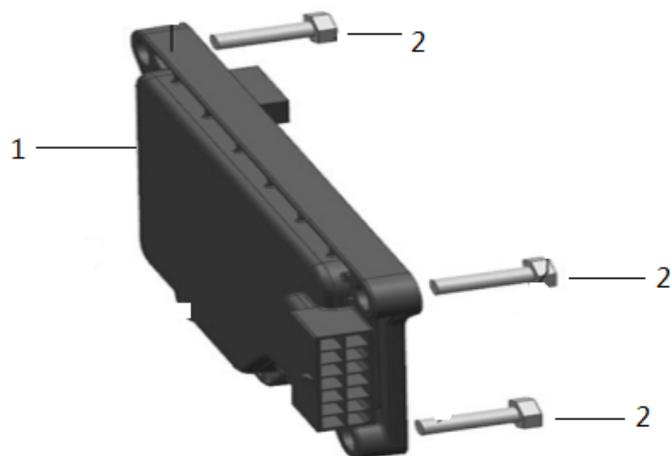
N°	PARTE N°	DESCRIPCIÓN	CANT.
E09-9	19210	Fan hood assy	1
E09-10	19211	Fan hood	1
E09-11	32170	NutM6	2
E09-12	19224	Shock-absorbing rubber sleeve	2
E09-13	19174	Deflector boltM6×15	8
E09-14	T152-0054	Bolt M6×16	4
E09-15	T152-0120	Bolt M6×60	3
E09-16	T152-0013	Bolt M6×20	2



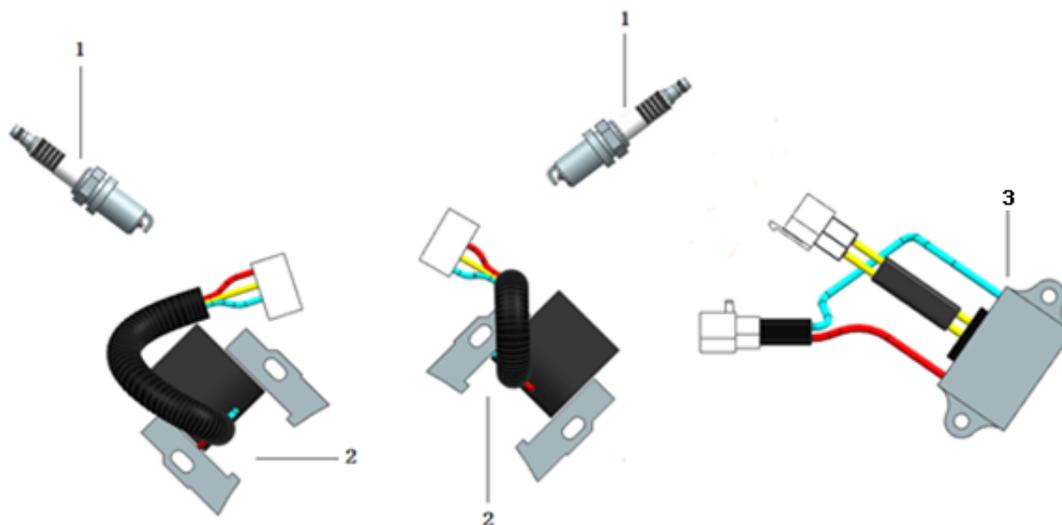
N°	PARTE N°	DESCRIPCIÓN	CANT.
E10-1	19217	Fan cover	1
E10-2	23300	Flywheel	1
E10-3	23319	Washer, flywheelφ12×47×6	1
E10-4	T152-0119	Bolt M12×1.25×45	1
E10-5	24130	Charge coil assy 20A,250W	1



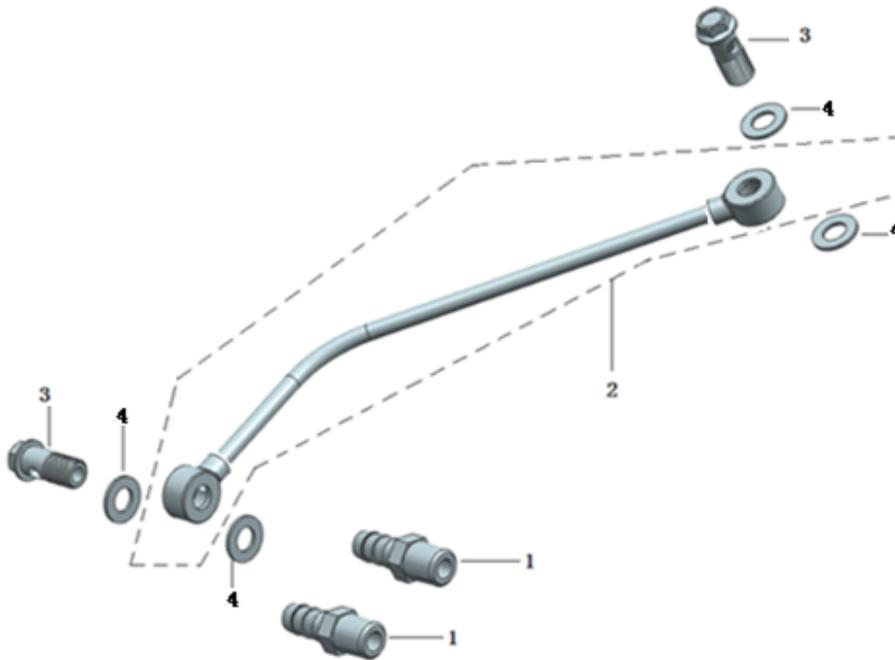
N°	PARTE N°	DESCRIPCIÓN	CANT.
E11-1	24100	Starting motor assembly	1



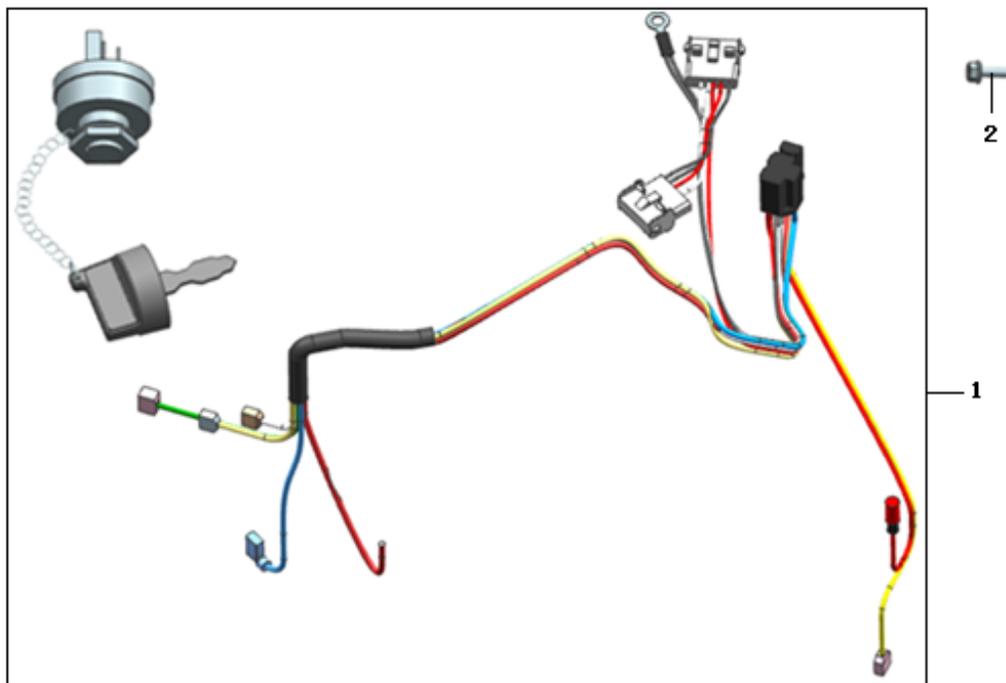
N°	PARTE N°	DESCRIPCIÓN	CANT.
E12-1	24310-A2910-0001	Electronic Speed Control	1
E12-2	T134-0034	Bolt M4×16	3
			1
			1
			1



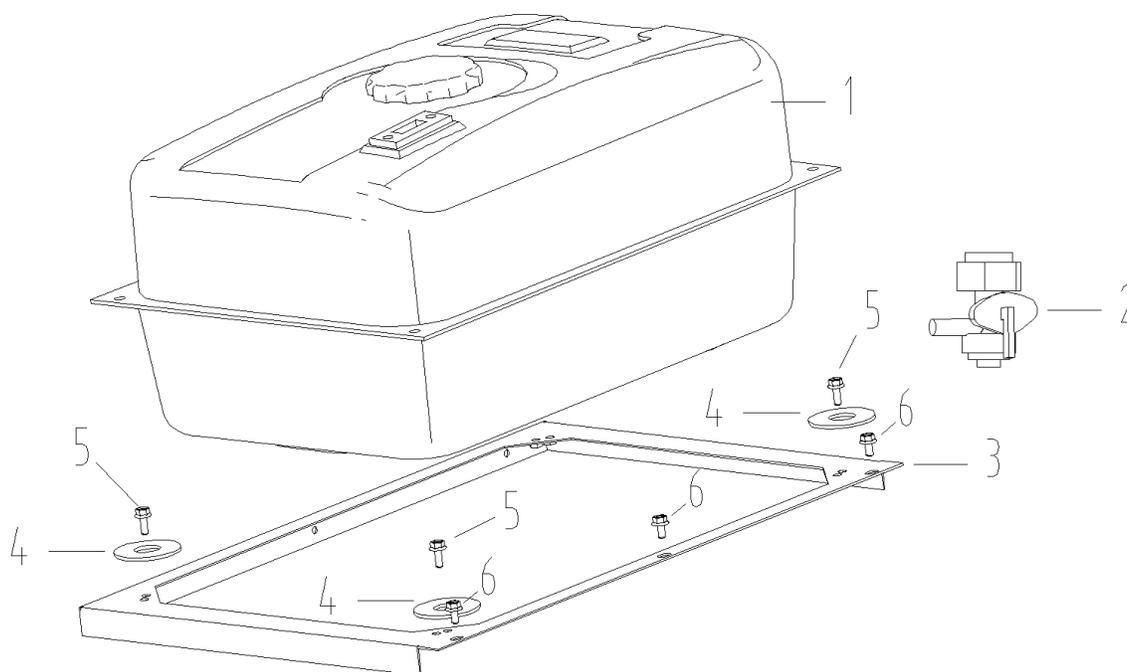
N°	PARTE N°	DESCRIPCIÓN	CANT.
E13-1	27100-A2910-0001	Spark plug F6RTI-5、金	2
E13-2	27210-A2910-0001	Ignition coil	2
E13-3	31140-A2910-0004	AVR 5A,14V	1
			1
			1



N°	PARTE N°	DESCRIPCIÓN	CANT.
E14-1	28518-A2910-0001	Oil pipe joint	2
E14-2	28610-A2910-0001	High-pressure oil pipe assembly	1
E14-3	28613-A2910-0001	High-pressure oil pipe connecting bolts	2
E14-4	28622-A2910-0001	High-pressure oil pipe sealing gasket	4



N°	PARTE N°	DESCRIPCIÓN	CANT.
E 15-1	24250-A2910-0005	Main wiring harness14A,200W, 50HZ	1
E 15-2	T152-0019	Bolt M6x12	1

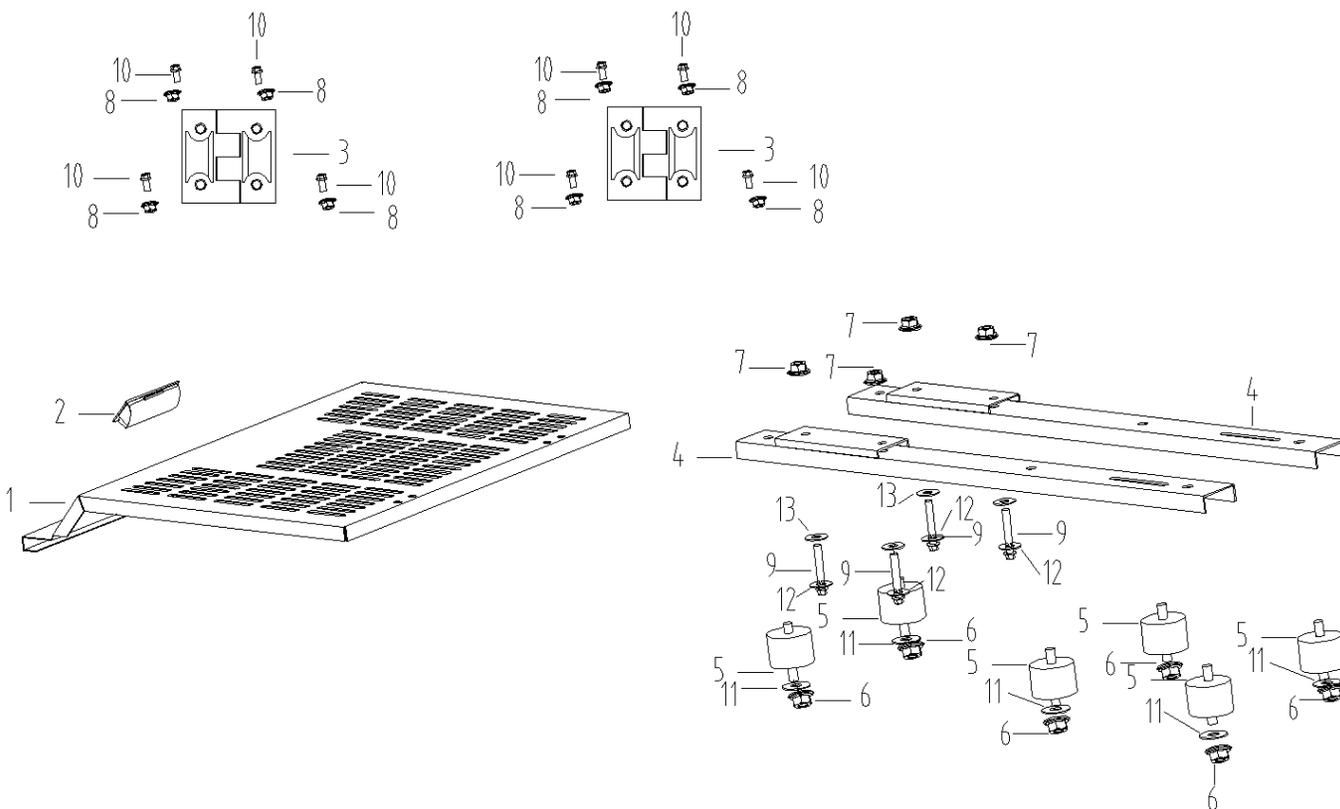


N°	PARTE N°	DESCRIPCIÓN	CANT.
1	16500-BS640-0001	Fuel tank assembly	1
2	16640-D3710-0001	Fuel switch	1
3	32380-BS640-0001	Oil tank mounting bracket	1
4	T417-0001	Large Gasket $\phi 6^* \phi 22^* 2$	4
5	T152-0034	Hexagon flange bolts M6*25	1
6	T152-0061	Hexagon flange bolts M6*12	3

# G-02 TOP COVER BOARD

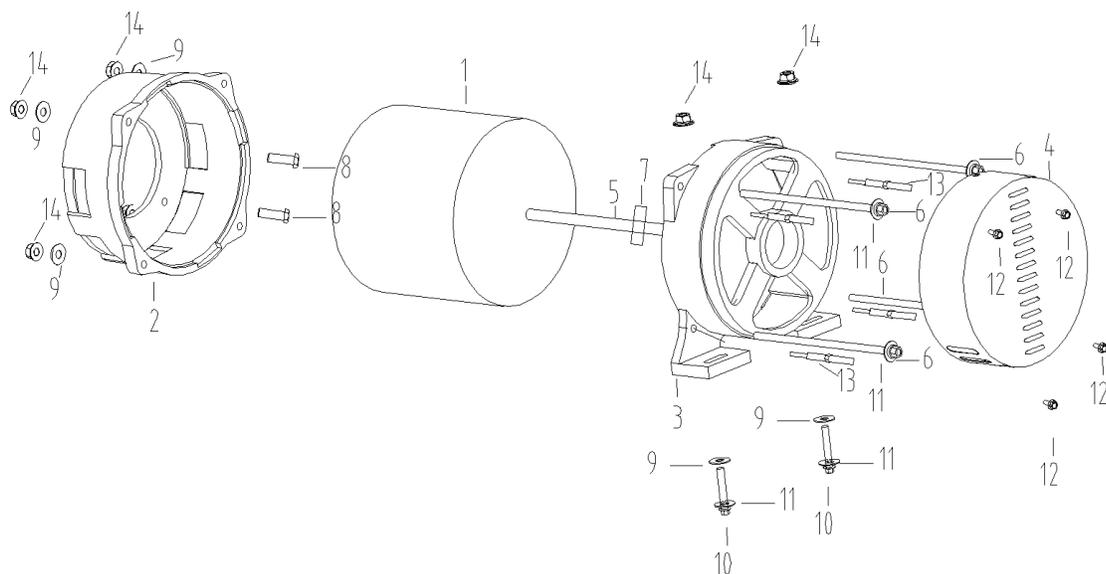


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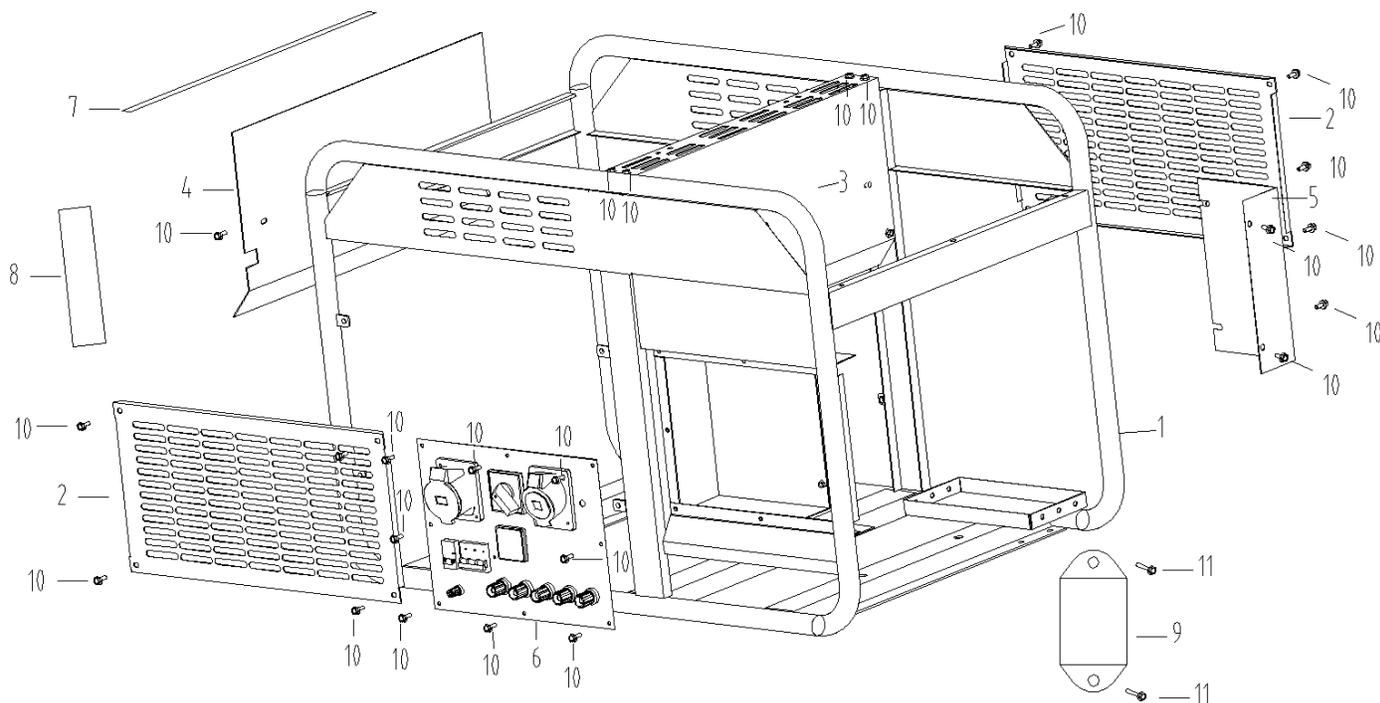
N°	PARTE N°	DESCRIPCIÓN	CANT.
1	32346-BS640-0001	Top cover	1
2	32247-BS640-0001	Top cover handle	1
3	17140-BS640-0002	Hinge assembly	2
4	32164-BS640-0001	Ship Plate	2
5	32420-BS640-0001	Shock absorber A unit	6
6	T358-0001	Type 2 hexagon nuts, fine thread	6
7	T311-0015	Hexagon flange nut $\phi$ 10	4
8	T354-0002	Nuts $\phi$ 6	8
9	T151-0085	Hexagon flange bolts M10*45	4
10	T152-0068	Hexagon flange bolts M6*16	8
11	T411-0004	Plain washers $\phi$ 12	6
12	T441-0008	Spring Washer $\phi$ 10	4
13	T411-0003	Plain washers $\phi$ 10	4

# G-03 GENERATOR



MANUAL DE REPARACIONES - L F 2 2 0 0 0 E

N°	PARTE N°	DESCRIPCIÓN	CANT.
1	31100-BS640-0001	STATOR and Rotor Assembly	1
2	31158-BR140-0001	Motor end cover	1
3	31151-BR140-0001	Motor base	1
4	31152-BR140-0001	Motor back cover	1
5	31125-BS640-0001	Rotor fastening bolts	1
6	31112-BS640-0001	Stator fastening bolts	4
7	31126-BS640-0001	Flat pad for rotor fastening bolts	1
8	T134-0056	Hexagon head bolts M10*32	4
9	T411-0003	Plain washers φ10.5	6
10	T151-0073	Hexagon flange bolts M10*40	2
11	T441-0008	Spring Washer φ10	6
12	T152-0061	Hexagon flange bolts M6*12	4
13	31169-BR140-0001	Guide Bolt	4
14	T312-0001	Hexagon flange nut M10	6

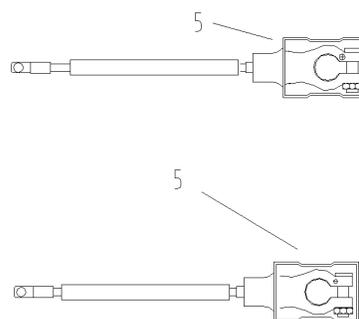
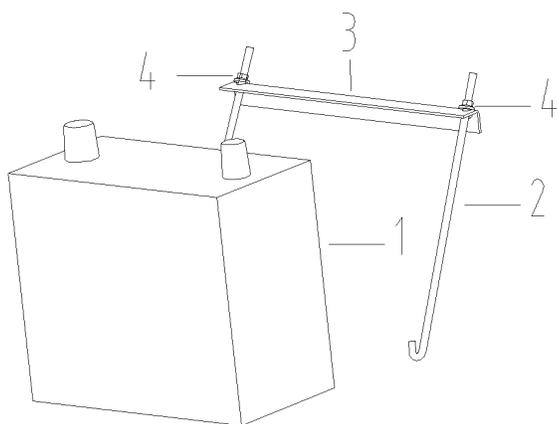


N°	PARTE N°	DESCRIPCIÓN	CANT.
1	32100-BS640-0001	Frame assembly	1
2	32241-BS640-0001	Side guard plate	2
3	60245-BS640-0001	Dividers	1
4	18218-BS640-0002	Muffler insulation pad	1
5	31144-BS640-0001	The Voltage regulator	1
6	31210-BS640	Control panel front cover component	1
7	32105-BS640-0001	Shock absorbers for the top cover	1
8	31289-BS640-0004	Insulation pads 280mm*135mm	1
9	31140-BQ64D-0001	The Voltage regulator	1
10	T152-0061	Hexagon flange bolts M6*12	27
11	T152-0079	Hexagon flange bolts M6*40	2

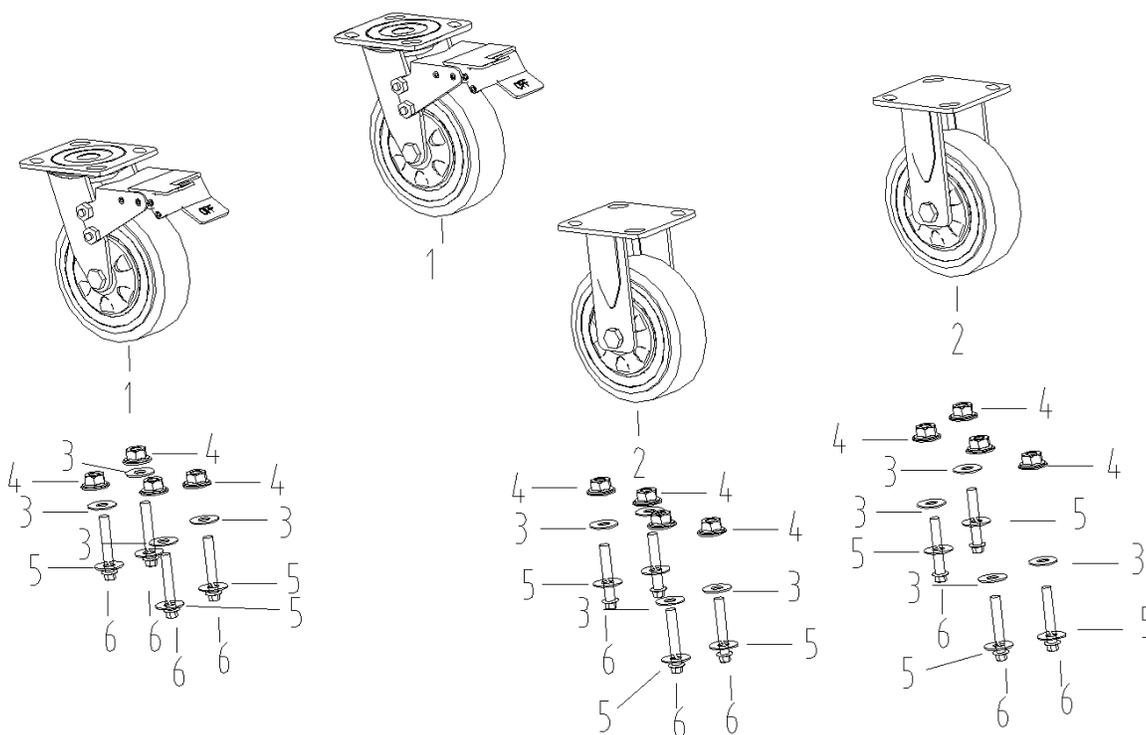
# G-05 BATTERY ASSY



MANUAL DE REFACCIONES - LF 22000E



N°	PARTE N°	DESCRIPCIÓN	CANT.
1	32430-BS640-0001	Battery set	1
2	32431-BS640-0001	Battery cable	2
3	32433-BS640-0001	Battery Platen	1
4	T311-0002	Hexagon flange nut M6	2
5	32434-BS640-0001	Battery wire	1



N°	PARTE N°	DESCRIPCIÓN	CANT.
1	45420-BS640-0001	Wheel assembly (caster)	2
2	45420-BS640-0002	Wheel assembly (steering wheel)	2
3	T411-0003	Plain washers $\phi$ 10.5	16
4	T311-0015	Hexagon flange nut $\phi$ 10	16
5	T441-0008	Spring Washer $\phi$ 10	16
6	T151-0067	Hexagon flange bolts M10*30	16