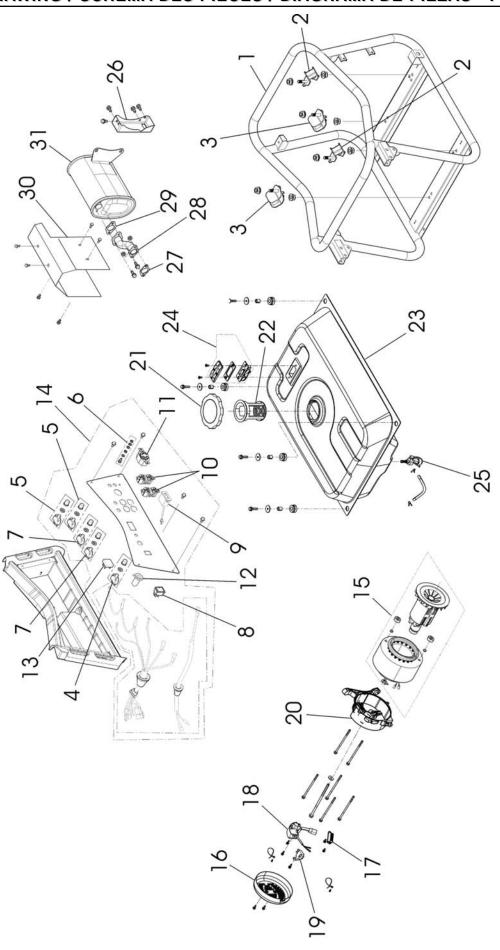
# PARTS DRAWING / SCHEMA DES PIÈCES / DIAGRAMA DE PIEZAS - PM0105007

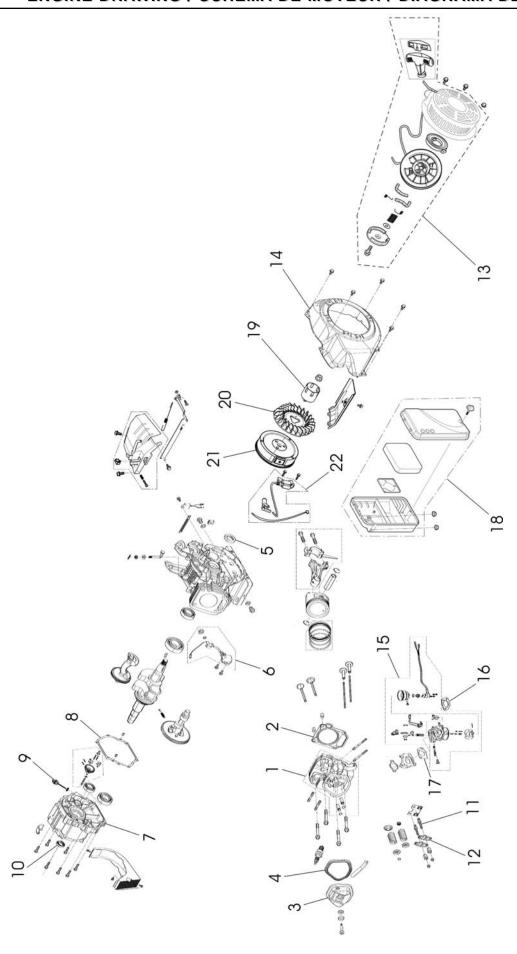


PARTS LIST / LISTE DES PIÈCES / LISTA DE PIEZAS - PM0105007					
REF.	PART	DESCRIPTION	DESCRIPTION	DESCRIPCIÓN	QTY
NO.	NO.				
1	0068301	Frame	Cadre	Marco	1
2	0067208	Isolator left	Sectionneur gauche	Aislador izquierda	2
3	0067209	Isolator right	Sectionneur droite	Aislador derecho	2
4	0068303	Circuit Breaker 10 amp DC	Disjoncteurs 10 amp CC	Cortacircuitos 10 amp CC	1
5	0068304	Circuit Breaker 21 amp	Disjoncteurs 21 amp	Cortacircuitos 21 amp	2
6	0067210	Ground terminal	Borne de mise à terre	Terminal, tierra	1
7	0067787	Circuit Breaker 20 amp	Disjoncteurs 20 amp	Cortacircuitos 20 amp	2
8	0067212	Ignition switch	Interrupteur	Interruptor	1
9	0067128	Hour meter	Horomètre	Contador Horario	1
10	0037762.01	Receptacle 5-20R	Prise 5-20R	Receptáculo 5-20R	2
11	0049365	Receptacle L14-30R	Prise L14-30R	Receptáculo L14-30R	1
12	0061990	Receptacle DC	Prise CC	Receptáculo CC	1
13	0067242	Rectifier	Redresseur	Rectificador	1
14	0068302	Panel, wired	Tableau complet câblé	Panel, cabeado completo	1
15	0068305	Assy, rotor/stator	Ensemble de rotor et stator	Conjunto, rotor y estator	1
16	0068307	Cover, end	Couvercle	Tapa	1
17	0067221	Connection board	Conseil de connexion	Tabla de conexión	1
18	0068306	Voltage regulator	La tension régulatrice	El regulador del voltaje	1
19	0067223	Brush module	Brosser le module	Cepille módulo	1
20	0067224	Support, bearing	Support, roulement	Soporte, Cojinete	1
21	0067143	Fuel cap	Capuchon	Tapa de combustible	1
22	0067227	Fuel filter	Filtre à carburant	Filtro de combustible	1
23	0068299	Fuel tank	Réservoir de carburant	Tanque de metal de combustible	1
24	0068300	Fuel gauge	Jauge de carburant	Indicador de combustible	1
25	0067157	Fuel shut-off	Alimenter d'arrêt	Abastezca de combustible válvula	1
26	0067239	Bracket, metal	Support	Soporte	1
27	0067232	Gasket, exhaust pipe	Joint	Empaquetadera	1
28	0067233	Exhaust pipe	Tuyau d'échappement	Tubo de descarga	1
29	0067234	Gasket, exhaust pipe	Joint	Empaquetadera	1
30	0068297	Cover, muffler	Couvercle	Tapa	1
31	0068298	Muffler	Silencieux	Silenciador	1

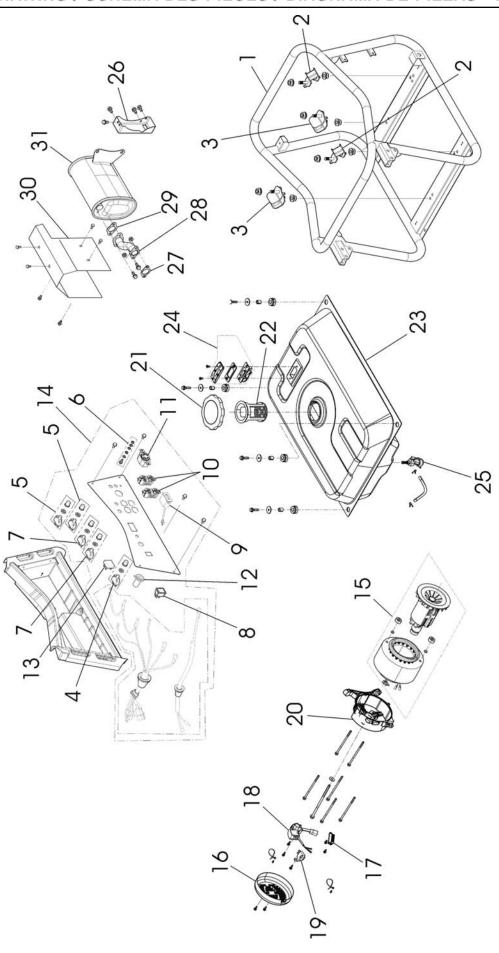


WARNING: To avoid possible personal injury or equipment damage, a registered electrician or an authorized service representative should perform installation and all service. Under no circumstances should an unqualified person attempt to wire into a utility circuit.

# ENGINE DRAWING / SCHEMA DE MOTEUR / DIAGRAMA DE MOTOR



# PARTS DRAWING / SCHEMA DES PIÈCES / DIAGRAMA DE PIEZAS - PM0105007



# PORTABILITY KIT INSTALLATION

# PORTABILITY KIT PART NUMBER: 0068294

**TOOLS REQUIRED:** 10mm and 13mm sockets and ratchets, block(s) of wood (minimum of 6" tall).

# WHEEL INSTALLATION

- 1. Block up the alternator end of generator to install wheel kit.
- 2. Slide axle (item 13) through the wheel bracket on the carrier.
- 3. Slide the wheel (item 12) and size 16 washer (item 14) onto the axle, with the offset side of the wheel hub against the wheel bracket.
- 4. Secure the wheel to the axle with the cotter pin (item 11).
- 5. Repeat above instructions for the remaining wheel.

# FOOT INSTALLATION

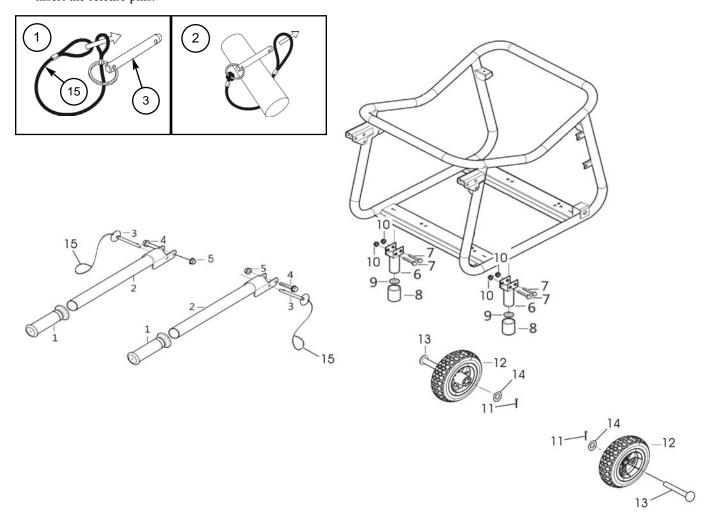
- 1. Blocking up the engine side of the generator, assemble the foot bracket (items 6, 8, and 9) to the carrier (align with holes in tubing) using two M6 x 45 bolts (item 7). Thread M6 nuts (item 10) to the bolts to secure the assembly.
- 2. Repeat above instructions for the remaining foot.

# HANDLE INSTALLATION

- 1. Slide M8 x 45 bolt (item 4) through handle (items 1 and 2) and handle bracket as shown in diagram and secure with M8 nut (item 5). Tighten until handle is securely clamped to the carrier.
- 2. Repeat above instructions for the remaining handle.

#### LOCKING HANDLE

- 1. Attach the lanyards (item 15) to the release pins (item 3) and carrier as shown in the illustration.
- 2. To lock the handle in the extended position, align the holes in the handle brackets with the holes in the carrier brackets and insert the release pins.



The emission warranty is a defects warranty and defects are judged on normal engine performance. The warranty is not related to an in-use emission test.

#### **Emission Control System Warranted Parts**

Coverage under this warranty extends only to the parts listed below (the emission control system parts) to the extent that these parts were present on the engine purchased.

Fuel Metering System

Carburetor and/or internal parts

Intake manifold

Evaporative System (if CARB compliant)

Fuel tank, Fuel cap, Fuel hose, Fuel strainer, Fuel cock, Fuel hose joint

Carbon canister, canister brackets, canister purge hose joint

Vapor hoses

Air Induction System

Air cleaner\*

Intake manifold

**Exhaust System** 

Exhaust manifold

Ignition System

Flywheel magneto

Ignition coil assembly

Spark plug\*

Crankcase Emission Control System

Crankcase breather tube

Oil filler cap

Miscellaneous parts

Hoses, seals, gaskets, connectors and assemblies associated with listed parts

Note: \* Covered up to the first required replacement only. See the maintenance schedule in the Owner's Manual.

#### Length of Coverage

Chongqing Rato Power Co. LTD. warrants to the initial owner and each subsequent purchaser that the spark ignited small off-road engine is free from defects in materials and workmanship which can cause the failure of an emission warranted part for a period of two (2) years after the engine is delivered to the original retail purchaser. Warranty coverage shall extend to the failure of any engine components caused by the failure of any warranted part still under warranty.

#### Limitations

The Emission Control System Warranty shall NOT cover any of the following:

- (a) Repair or replacement required as the result of misuse or neglect, improper maintenance or unapproved modifications, repairs improperly performed or replacement improperly installed, use of unapproved replacement parts or accessories and modifications not recommended by RATO.
- (b) Replacement parts, other services and adjustments necessary for normal maintenance.
- (c) Transportation to and from the authorized service center or retailer.

### Limited Liability

The liability of Chongqing Rato Power Co. LTD. under this Emission Control System Warranty is limited solely to the remedy of defects in materials or workmanship. This warranty does not cover inconvenience or los of the spark ignited small off-road engine equipment or transportation of same to an authorized service center. RATO shall not be liable for any other expenses, loss, or damage, whether direct, incidental, consequential (except as listed) or exemplary arising in connection with the sale or use of or inability to use the spark ignited small off-road engine equipment for any other purpose.

No express Emission Control System Warranty is given by RATO with respect to the engine except as specifically set forth in this document. Any Emission Control System Warranty implied by law, including any warranty of merchantability or fitness for a particular purpose, is expressly limited to the Emission Control System Warranty terms set forth in this document.

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