

Cat® RP3100 Quick Reference Guide






LEHQ0044-00

WARNING: This Quick Reference Guide is not a substitute for reading the operator’s manual. To reduce the risk of injury or death, user must read and understand operator’s manual before using this product.

⚠ WARNING ⚠

Do not connect to a building’s electrical system unless the generator and transfer switch have been properly installed and the electrical output has been verified by a qualified electrician. The connection must isolate the generator power from utility power and must comply with all applicable laws and electrical codes.

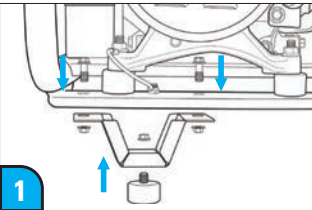
What’s in the box?

| Item No. | Description | | Qty. |
|-----------------|-------------------|--|------|
| | Tools | | |
| 1 | 8/10 mm wrench |  | 1 |
| 2 | 12/14 mm wrench |  | 2 |
| 3 | Spark plug wrench |  | 1 |
| 4 | Screwdriver |  | 1 |
| Servicing Items | | | |
| 1 | Oil funnel |  | 1 |

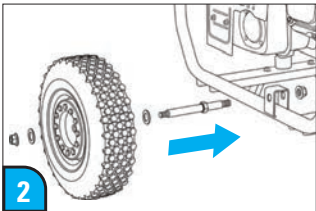
IMPORTANT: No oil in the engine. Please add oil before use!

All fixtures and fittings are supplied in the box, as well as the above items.

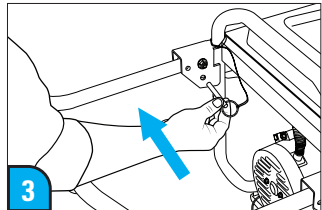
Assembling the unit



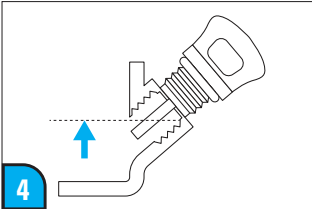
1 Install the feet.



2 Install the wheels.



3 Secure the handle.



4 Add oil to this level.

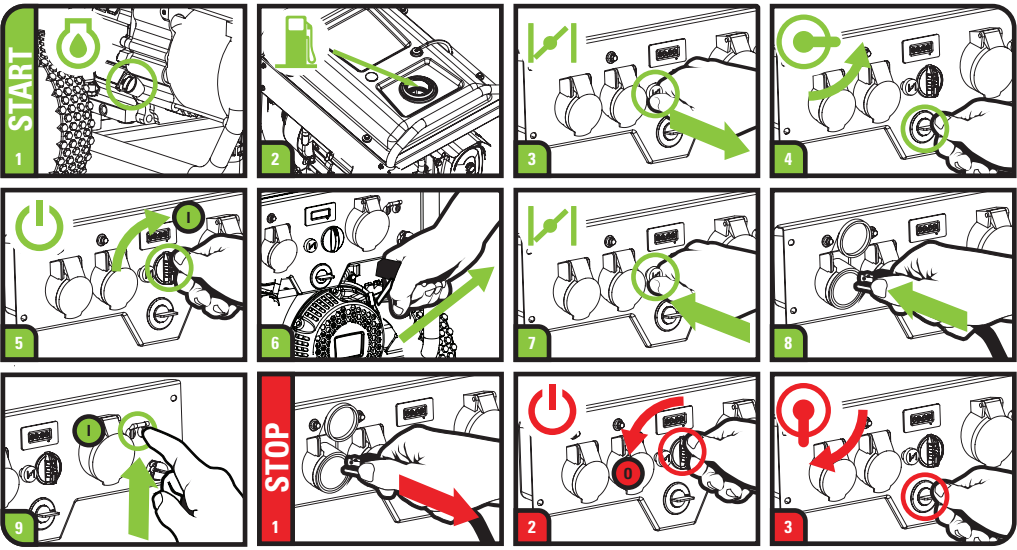
Register your product for warranty



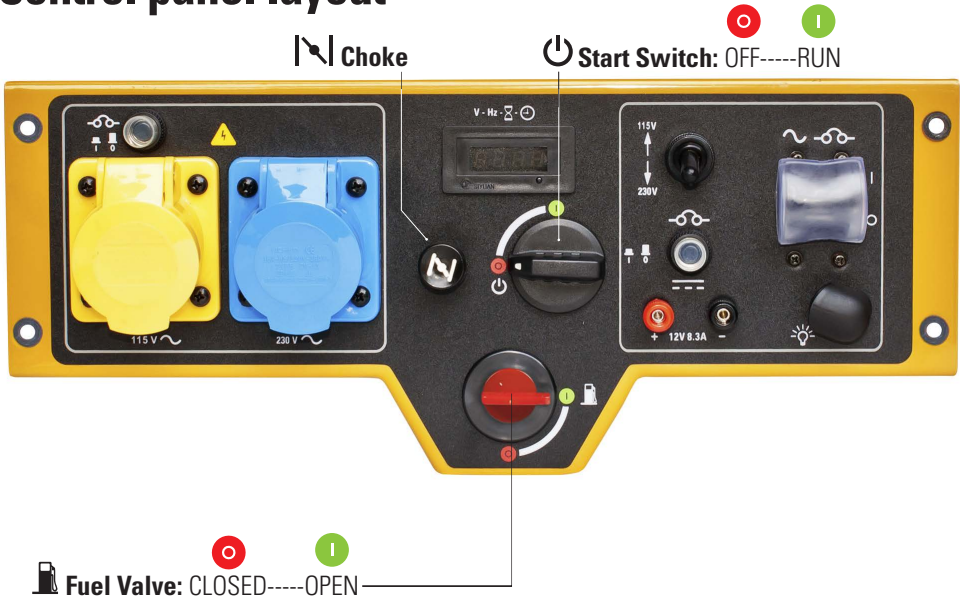
Please register your generator for warranty before starting. Missing parts or accessories or need assistance with this unit?
<http://www.cat.com/homeandoutdoor-support>
0800 0853370

Starting/Stopping the unit

(Please register your product for warranty before starting.)



Control panel layout



Using the generator

1. Make sure the generator can supply enough watts for the items you will power at the same time.
2. Start the generator with nothing connected.
3. Plug in and turn on the first load, preferably the largest load you have.
4. Permit the generator output to stabilise (engine runs smoothly and attached device operates properly).
5. Plug in and turn on the next load.
6. Again, permit the generator to stabilise.
7. Repeat previous two steps for each additional load. **IMPORTANT:** Never add more loads than the generator capacity. Take special care to consider surge loads in generator capacity.

Troubleshooting

| Problem | Possible Cause | Solution |
|--|---|---|
| Engine will not start | No fuel | Fill fuel tank |
| | Stale gasoline or water in gasoline | Drain entire system and refill with fresh fuel |
| | Lubrication level is low | Engine is equipped with protection shutdown when oil level is too low. Check oil level and fill as necessary. |
| | Fuel valve is OFF | Turn fuel valve to ON position |
| | Spark plug is faulty, fouled or improperly gapped | Replace spark plug |
| | Choke is open and therefore in ON position | Close the choke to OFF position |
| Engine will not start | Engine stored without treating or draining gasoline, or refueled with bad gasoline | Drain fuel and carburetor. Refuel with fresh gasoline. |
| | Water in gasoline | Drain entire system and refill with fresh fuel |
| Engine lacks power | Weak spark at spark plug | Inspect spark plug and replace if necessary |
| | Engine stored without treating or draining gasoline, or refueled with bad gasoline | Drain fuel and carburetor. Refuel with fresh gasoline. |
| AC receptacle does not work | Circuit breaker is OFF | Turn ON the AC circuit breaker |
| | Connected device is not working | Connect a different device to test |
| Generator makes a “spark knock” or “pinging” noise | An occasional light “knocking” or “pinging” under heavy load is not a cause for concern. However, if the knocking or pinging occurs under normal load at steady engine speed, the problem may be with the quality of the gasoline used. | Switch to a different brand of gasoline, making sure that the octane rating is 86 or higher |

QR code and contact info



For more information, including setup and usage videos.
<http://www.cat.com/homeandoutdoor>



For more information regarding this product, contact **0800 0853370** or homeandoutdoorpower@cat.com.

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