

# Generator GEN-32P-AU-V2



**OPERATOR'S MANUAL** 

Rev 0125

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#### Thank you for purchasing a MAKINEX product.

This manual provides information and procedures to safely operate and maintain the GEN-32P Generator. For your own safety and protection from injury, carefully read, understand and observe the safety instructions described in this manual.

Keep this manual or a copy of it with the machine. If you lose this manual or need an additional copy, please contact MAKINEX. This machine is designed and built with user safety in mind; however, it can present hazards if improperly operated and serviced. Please follow the operating instructions carefully. If there are any questions regarding operating or servicing of this machine, please contact MAKINEX.

The information contained in this manual was based on machines in production at the time of publication. MAKINEX reserves the right to change any portion of this information without notice. All rights, especially copying and distribution rights are reserved. Copyright 2024 by MAKINEX.

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#### DISCLAIMER

MAKINEX and its affiliates take no responsibility for any damage, injury or death resulting from the incorrect or unsafe use of this product. Use of this product should be undertaken by competent persons only. It is the operator's responsibility to ensure that the following safety procedures are followed. If you are unsure, do not operate this product.

Record the model and serial numbers as well as date and place of purchase for future reference. Have this information available when ordering parts and when making technical or warranty enquiries.

MAKINEX SUPPORT
Refer to contact details on pg. 20
MODEL NO.
GEN-32P-AU-V2
SERIAL NO.
DATE OF PURCHASE
PURCHASE LOCATION

# **ABOUT THIS MANUAL**

This manual uses the following symbols to help differentiate between different kinds of information. The safety symbol is used with a key word to alert you to potential hazards in operating and owning power equipment. Follow all safety messages to avoid or reduce the risk of serious injury or death.

#### KEY TERMS

READ CARE- FULLY	READ CAREFULLY – refers to <b>important information</b> that should be paid careful attention.
	CAUTION - indicates a situation that <b>may</b> cause injury or damage to the machine if the user does not follow the instructions.
WARNING	WARNING – indicates a situation that <b>may</b> cause injury or death if the user does not follow the instructions correctly.
	DANGER – indicates a situation that <b>will</b> cause injury or death if the user does not follow the instructions as written.
PROHIB- ITED	PROHIBITED – identifies actions that <b>should never</b> be carried out by anyone interacting with the equipment.

These safety warnings do not eliminate all possible hazards that could occur therefore it is essential to use common sense and to strictly follow any instructions to prevent accidents.

# SAFETY INFORMATION

Throughout this document there are several safety warnings. The user should read through this complete document before using the **GEN-32P-AU-V2**.



Read this manual **thoroughly** before operating your generator. Failure to follow instructions could result in serious injury or death

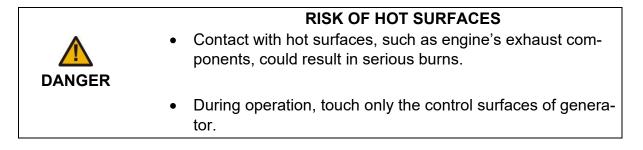
MAKINEX GEN-32P Generator designed for professional operators only, instruct operators in care and use of the machine before use! Keep children away from the generator at all time.



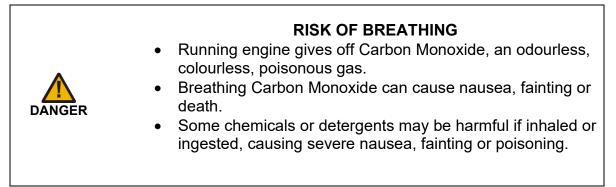
Always wear the recommended personal protective equipment (PPE).

- ALWAYS use in a well-ventilated area
- ALWAYS have someone alert attending the machine
- ALWAYS wear hearing protective equipment whilst in operation
- ALWAYS ensure the applied load does not exceed the generators rating
- ALWAYS disconnect the generator when carrying out any maintenance
- ALWAYS ensure the generator reaches operating speed before connecting a load
- ALWAYS start the engine **BEFORE** connecting any appliances to the output receptacles
- ALWAYS test the RCBO's before use
- ALWAYS check the generator for damage before use
- ALWAYS keep well clear of all moving parts on the generator
- NEVER allow children or animals near the generator
- NEVER connect to a commercial or mains power supply, or any other electrical source
- NEVER allow the generator to run out of fuel when a load is connected
- NEVER use accessories or attachments not recommended by MAKINEX
- NEVER alter or tamper with the internal wiring of the generator
- NEVER operate in wet conditions

• **NEVER** climb or stand on the generator as dents may cause overheating of the acoustic lining



• **NEVER** touch any part of the engine, alternator, or exhaust when the generator is in use or immediately after use, as these get hot and could burn

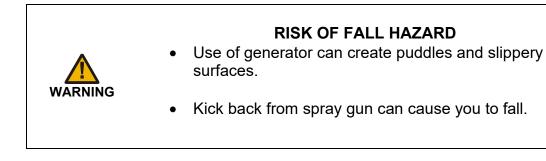




**EXHAUST FUMES CAN BE FATAL** 



- AWAYS ensure that there is adequate ventilation when using the generator.
- ALWAYS position the generator so that the exhaust is pointing away from people or animals
- **NEVER** use the generator indoors or in an enclosed area



• Keep operating area clear of all persons, pets and obstacles.

#### **GENERATOR POSITIONING FOR SAFE USE**

- **ALWAYS** leave at least a 1 metre (3 foot) gap between the generator and any surrounding building or structure.
- ALWAYS ensure the generator is on a solid, flat surface.
- **ALWAYS** ensure the surrounding area is free from any material that could burn or be damaged by heat.
- **NEVER** move or tilt the generator whilst it is switched on.
- **NEVER** cover or enclose the generator whilst it is in use.
- **NEVER** use the generator at an incline above 20° otherwise the engine will malfunction whilst in operation.
- **NEVER** attempt to lift or move the generator without the assistance of other persons or suitable lifting equipment.

#### ELECTRICITY RELATED SAFETY PRECAUTIONS



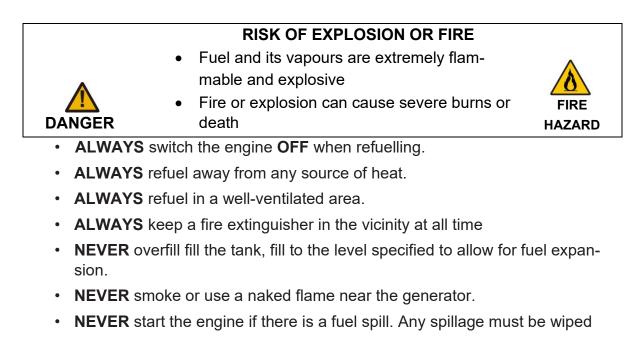
RISK OF ELECTRICAL SHOCK

Risk of electrocution



- ALWAYS test the RCBOs before use.
- **ALWAYS** store the generator undercover when not in use and away from damp or wet conditions.
- ALWAYS disengage the battery when performing any maintenance.
- **NEVER** try to repair electrical components if not authorised or qualified.
- **NEVER** use the generator outdoor when it is raining or snowing or in wet or damp conditions.
- **NEVER** use water or any other liquids to clean the unit while it is running.
- **NEVER** use any damaged electrical cord sets with the generator.

#### FIRE -RELATED SAFETY PRECAUTIONS



- clean and the generator allowed to dry before attempting to start the engine.
- **NEVER** leave any combustible materials near the generator.

# EARTHING OF GENERATOR

Earthing of generators helps protect the user from electric shock or electrocution which may be caused due to malfunction or breakdown. This threat to the user is prevented by creating a path of least resistance for the electrical current to travel to the ground which inherently absorbs the over-current or short circuit.

The appropriate measures for earthing the portable generator are already in place however, the user should always inspect the earthing system before use.



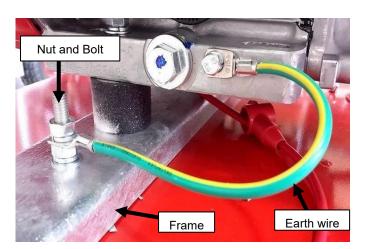
DO NOT TOUCH ANY COMPONENTS IF YOU ARE NOT A QUALIFIED ELECTRICIAN.



FAILURE TO PROPERLY CONNECT THE EQUIPMENT TO THE EARTHING CONDUCTOR WILL RESULT IN A RISK OF ELECTROCUTION. CONSULT WITH A QUALIFIED ELECTRICIAN INCASE OF DOUBT WITH THE EARTHING OF THE UNIT. Referring to the example image, there are a few components that should be observed.

- Frame
- Green/yellow earth wire
- Nut and screw

Ensure both wires are secured with the nuts and screw onto the frame.





We strongly recommend that all applicable federal, state, and local regulations relating to grounding/earthing specifications be checked and followed.

There is a safety and information panel provided on the Parallel box (see images below) of the **GEN-32P-AU-V2** to alert the user of potential safety risks/hazards. Please read and adhere to all instructions on the Unit.

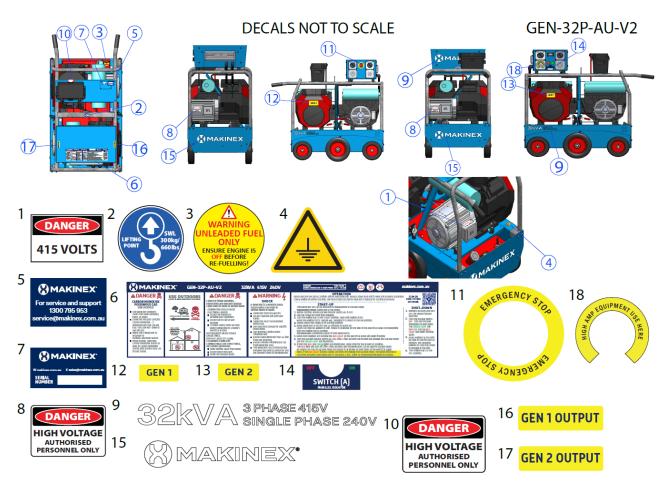
PROHIBITED

It is forbidden to remove any safety or instructional stickers or panels from the **GEN-32P-AU-V2**.

READ CARE-FULLY

Read all safety and instructional stickers displayed on each component of the **GEN-32P-AU-V2.** 

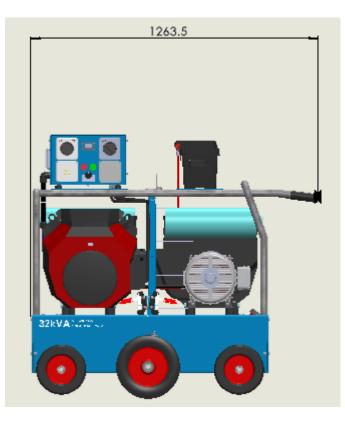
#### **GENERAL SAFETY DECAL**

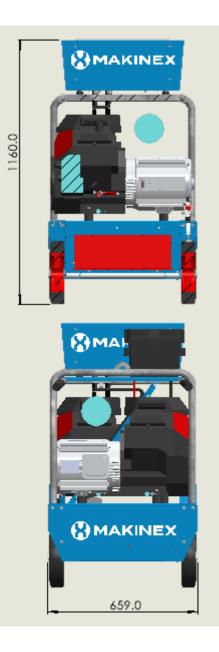


OVERALL	MACHINE SPECIFICATIONS
MODEL	GEN-32P-AU-V2
OVERALL WEIGHT	320Kg
OVERALL WIDTH	632mm/24.8in
OVERALL HEIGHT	1206mm/47.5in
OVERALL LENGTH	1105mm/43.5in
MAX OUTPUT	32kVA / 25.6kW ( <b>MAX</b> cumulative power across all sockets)
RATED FREQUENCY	50Hz
RATED POWER FACTOR	0.8
ENGINE	HONDA GX690
ТҮРЕ	TWIN CYLINDER AIR COOLED PETROL
STARTING SYSTEM	ELECTRIC KEY START
DISPLACEMENT	688cc (single engine) or 1376cc (both engine)
FUEL ECONOMY	9.8L/Hr @ 50% LOAD
FUEL TANK	50 L
OUTLET SOCKETS (single phase with RCBO protection) (3 phase with RCCB B type protection)	2 X 15A SINGLE PHASE ( <b>MAX</b> 3.6kW per socket) 2 X 32A 3 PHASE ( <b>MAX</b> 23kW)
EQUIPMENT RAT	ED WITH 25A OR MORE US-

# <u>AGE</u> TO USE <u>B TYPE OUTLET</u> WITH LABEL No. 18 SHOWN IN GENERAL SAFETY DECAL

# **OVERALL MACHINE DIMENSION**

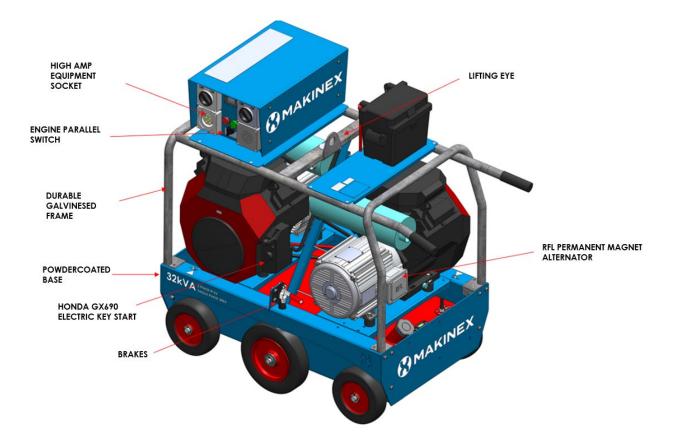




# ALTERNATIOR SPECIFICATION

	RS								
Frame	132	Type RF2 - 17.5							
Enclosure	IP23	PM Brushless Alternator							
Poles	2	Phase	3						
RPM	3000	Volts	415						
Frequency	50 Hz	Amps	20						
Power	14.0 kW	Motor Start kVA	19.0						
Weight (kg)	51	Short Cir Amps	60						
Ref Temp	27 ⁰C	Serial No.	RF2-132-150-180-3P-1						
CE L	7	EC. 1282. OE	140328. RFLQ093						

# **CONTROLS AND FEATURES**



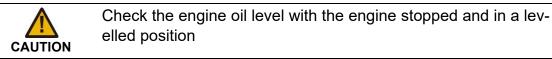
	FEATURES
	Durable Galvanised Frame
Multi Cu	ushion Isolators for Vibration Reduction
Compac	ct Design for Easy Storage and Transport
	Lifting Point for Transportation
R	RFL Permanent Magnet Alternator
	HONDA Electric Key Start Motor
	Engine Syncing Switch
Outlet	t Sockets protected by RCBO or RCCB
6 Wł	heel Design for Easy Maneuverability

WARNING	<b>NEVER</b> operate the <b>GEN-32P-AU-V2</b> without wearing the appropri- ate personal protective equipment (PPE) including appropriate foot- wear. Assess the surrounding area for hazards.
WARNING	<b>ALWAYS</b> seek appropriate First Aid if Injury, Poisoning or Irritation occurs due to contact with Materials and Substances.
WARNING	<b>ALWAYS</b> read and adhere to all safety and operation instructions.

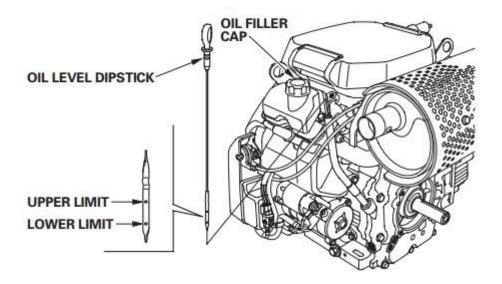
#### **BEFORE USE**

Before using the generator, ensure all the safety and operation instructions are read and the following steps are performed.

#### OIL LEVEL CHECK

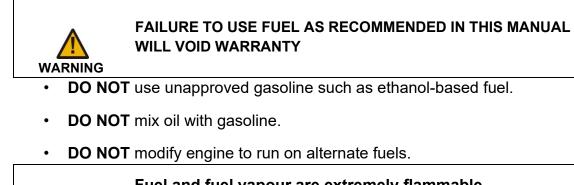


- 1. Check the engine oil level with the engine stopped and, in a levelled position.
- Start the engine and let it idle for 1 or 2 minutes. Stop the engine and wait for 2 or 3 minutes.
- 3. Remove the oil level dipstick and wipe it clean.
- 4. Fully insert the oil level dipstick, then remove it to check the oil level.
- 5. If the oil level is low, remove the oil filler cap, and fill with the recommended oil to the upper limit mark on the oil level dipstick.
- 6. Reinstall the oil level dipstick and oil filler cap.



**NOTE:** New machines will be pre-oiled from MAKINEX with: Honda Power Equipment Engine Oil – SAE 10W-30, API SJ

#### **REFUELING**





Fuel and fuel vapour are extremely flammable and explosive. Fire or explosion from misuse of fuel can cause severe burns and even death.





Always ensure that fuel tanks are filled outdoors.

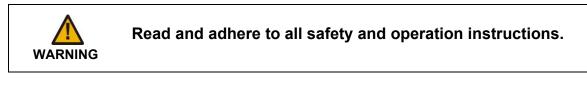
- 1. Turn generator **OFF** and let it cool for at least two minutes before removing fuel cap.
- 2. Loosen fuel cap slowly to release pressure.
- 3. Slowly add unleaded gasoline to fuel tank. **DO NOT** fill fuel above baffle to allow for appropriate space fuel expansion.
- 4. Wait for spilled fuel to evaporate before starting the engine.

Keep fuel away from sparks, open flames, pilot lights, heat and other ignition sources.



DO NOT light a cigarette or smoke near open fuel tank or container.

# **OPERATING GENERATOR**

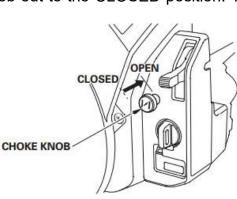




Always have the brake down while it is stationary.

## STARTING THE GENERATOR

- 1. Remove all connections from the AC sockets.
- 2. If the fuel tank is equipped with a valve, be sure the fuel valve is in the OPEN or ON position before attempting to start the engine.
- 3. To start a cold engine, pull the choke knob out to the CLOSED position. To restart a warm engine, leave the choke knob in the OPEN position.
- 4. Turn the engine switch to the START position and hold it there until the engine starts.
- 5. When the engine starts, release the engine switch, allowing it to return to the ON position.
- 6. Once the engine has warmed up, set the choke lever to the OPEN position.



## PARALLEL MODE

This generator set can be operated in independent or parallel mode.

Follow the instructions above to start GEN 1 **OR** GEN 2 for independent mode. This will power the outlets on the side of the electrical panel corresponding to the engine that is running. The power output will be 16kVA.

For parallel mode (combining power of both generators):

1. When both engines are running the RED LIGHT on the electrical panel will begin flashing.

- 2. Turn the parallel isolator switch (A) ON. After a few seconds the system will engage into parallel mode and the GREEN LIGHT will illuminate.
- 3. If both the RED and GREEN lights are illuminated, allow time for the system to stabilise. The RED light will turn off after a few seconds and the generators can be used in parallel mode.
- 4. All outlets are now in parallel mode running at 32kVA.

#### CONNECTING ELECTRICAL DEVICES

The generator can supply 230V AC through 2 x 15amp sockets and 415V AC through the 2x32A socket.

- 1. Connect the appliance to the generator starting with the device that draws the most current.
- 2. Set the circuit breaker to 'ON'.

#### SHUTTING DOWN THE GENERATOR

- 1. Disconnect all appliances connected to the generator.
- 2. Turn the ignition key to the OFF position.
- 3. Set the fuel supply valve to OFF if the fuel tank equipped with.

**NOTE:** To stop the generator in an emergency simply turn the ignition key to the off position.

#### MAINTENANCE

#### **GENERAL RECOMMENDATIONS**

Regular maintenance will improve the performance and extend the life of the generator.

The generator's warranty does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain the generator as instructed in this manual and in the **Honda GX690** user manual, including proper storage and regular servicing.

Regular maintenance is required to ensure performance of generator and to ensure warranty is not voided.

The maintenance schedule is in the Honda GX690 owner's manual.

Should you have questions about replacing components on your generator, please contact dealer for assistance. MAKINEX dealers have access to all the special tools, technical information, parts and training required to maintain your MAKINEX product in peak operating condition.

#### **GENERAL GENERATOR CHECKS**

CAREFULLY

It is considered good practise to check the generator before and after use, looking at:

- Function of brake
- Condition of electrical components (especially RCBOs and RCCBs)
- · Earthing bolts are tight
- Condition of engine mounts
- Fuel lines conditions
- Oil and fuel levels
- Battery is well secured, and terminals are fastened tightly
- Hour meter
- Any possible leaks



Hour Meter tracks the operational time of the engine.

# **GENERAL TROUBLESHOOTING**

PROBLEM	POSSIBLE CAUSES	CORRECTIONS					
	Out of fuel.	Add fresh fuel.					
	Wrong fuel.	Drain fuel tank and then add fresh fuel.					
ENGINE WILL NOT	Low engine oil.	Fill up with oil.					
START	Choke is OPEN if the engine is cold.	Close the choke.					
	Low battery.	Charge the battery.					
	Engine requires servicing.	Contact authorised Makinex dealer					
	Stale fuel.	Drain fuel tank and then add fresl fuel.					
	Dirty air filter.	Replace or clean air filter.					
ENGINE LACKS	Generator is overloaded.	Reduce the load.					
POWER	Fault in alternator.	Contact authorised Makinex dealer					
	Engine throttle is in "SLOW" po- sition.	Slide the throttle to "FAST" posi- tion.					
	Engine requires servicing.	Contact authorised Makinex dealer					
ENGINE IS	Circuit breaker tripped	Unplug all appliance from sockets and reset the circuit breaker.					
RUNNING BUT NO AC OUTPUT	Faulty appliance.	Connect with another appliance that is in good condition.					
	Fault in generator	Contact authorised Makinex dealer					
UNIDENTIFIED	Contact authorised	Makinex dealer for assistance.					

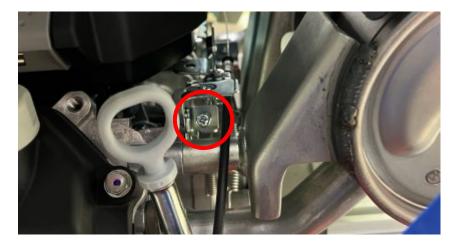
For other engine problems or further instructions, refer to the provided Honda GX690 user manual.

#### ENGINE FREQUENCY ADJUSTMENT

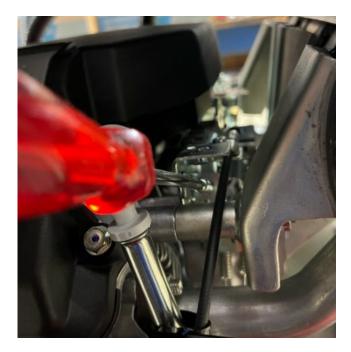
The following instructions is intended to act as a fix for generators experiencing long parallel times. As engines accumulate work hours, it is likely that their respective frequencies will deviate apart resulting in parallel box require longer periods to synchronize during parallelling. The aim is to adjust the frequency of the engines to be within 2Hz of each other for best performance.

#### NOTE: BELOW STEPS ARE FOR SERVICE TECHNICIANS ONLY

- 1. Ignite the one engine and observe the frequencies.
- 2. Locate the frequency governor adjustment screw in between the engine and exhaust as shown below.



3. Using a Phillips screwdriver, adjust the governor adjustment screw accordingly to bring the frequency of the engines as close as possible to 52.5Hz. Use the display as a guide, once completed, turn off and repeat for engine 2.



- 4. Turn off both engines.
- 5. Once completed, start both engines and put the unit into parallel mode using the paralleling switch located below. Measure how long it took for the green light to light up to signal parallel mode in action.

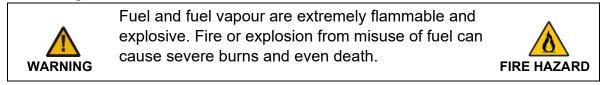


6. If unit takes too long to sync into parallel mode, repeat step 1 to 5 to ensure the engines are within 2Hz of each other.

#### **STORAGE WITH FUEL IN TANK**

Gasoline fuel can become stale when stored over **30 days**. Stale fuel causes acid and gum deposits to form in the fuel system or crucial carburettor parts. To keep fuel fresh:

- 1. Add a fuel stabiliser liquid additive to fuel.
- 2. Run engine for a minimum of 2 minutes to allow it to circulate throughout the engine



#### **RUST PREVENTION IN CYLINDERS**

- 1. Remove spark plugs and pour approx. 15ml (1/2oz) of clean engine oil into the cylinder.
- 2. Install spark plug and briefly turn the key starter for 1-2 seconds to distribute oil. **DO NOT** start engine at this time.

Unintentional sparking can cause fire or electrical shock. Failure to observe this warning can cause severe property damage, severe burns and even death.



Disconnect spark plug wire from spark plug and cover tip of spark plug wire with insulating tape and place wire where it cannot come in contact with spark plug or generator frame.



Certain storage covers can be flammable or can melt in high temperatures. DO NOT place storage cover over generator until it has completely cooled.

## **BATTERY STORAGE PRECAUTIONS**

After use of the generator, follow these precautions to ensure the battery does not drain whilst in storage or not in use.

- 1. Check the key ignition is in the OFF position.
- 2. Check the battery isolator is in the OFF position by turning anti-clockwise to release.

## LIMITED WARRANTY

To take advantage of the MAKINEX limited warranty, you must have maintenance performed by an authorised MAKINEX dealer or MAKINEX service technician. You are free to have your MAKINEX product serviced by any suitably qualified persons and this will not affect your statutory warranties, however, failure by the owner to have the recommended servicing carried out by an authorised MAKINEX dealer/service technician means that you cannot take advantage of the MAKINEX limited warranty.

MAKINEX warrants each new generator to be free from defects in material and workmanship under normal domestic and industrial use and service for 12 months from the date of original purchase, conditional to the limitations and exclusions printed on this page. This warranty applies only to new MAKINEX generator distributed by us and by our authorised MAKINEX dealers.

Under the limited warranty and at MAKINEX's discretion, upon evaluation, inspection and testing by a MAKINEX dealer or a MAKINEX service technician, MAKINEX will repair or replace defective part(s).

#### WARRANTY EXCLUSIONS

This warranty does not cover the following repairs and equipment:

#### NORMAL WEAR

Generators need periodic parts and service to perform well. This warranty does not cover repair when normal use has exhausted the life of a part or the equipment.

#### **INSTALLATION, USE, AND MAINTENANCE**

This warranty will not apply to parts and/or labour if this generator is deemed to have been misused, neglected, involved in an accident, abused, loaded beyond the generator's limits, modified, installed improperly or connected incorrectly to any water supply. Normal maintenance such as spark plugs, air filters, adjustments, fuel system cleaning and obstruction due to buildup is not covered by this warranty.

## **OTHER EXCLUSIONS**

This warranty excludes:

- Cosmetic defects such as paint, decals, etc.
- Wear items such as filter elements, Pistons, O-rings, etc.
- Accessory parts such as starting batteries, and storage covers.
- Failures due to acts of God and other force majeure events beyond the manufacturer's control.
- Problems cause by parts that are not original MAKINEX parts.
- Maintenance service cost
- Freight costs

# **OWNER'S RESPONSIBILITY UNDER THIS LIMITED WARRANTY**

Strict adherence to the maintenance checks and schedule with proof of scheduled maintenance service required by an authorised agent or qualified mechanic. It is the consumer's responsibility to deliver the machine in question to our service premises or to the premises of our appointed agent at the consumer's expense for repair as applicable. Maintenance services are not covered under warranty.

#### Claim Procedure:

- Contact MAKINEX by phone or email informing us of your machines problem or defect.
- Once the extent of the claim has been assessed, we retain the right to compensate the consumer for such defect, or repair (parts & labour), or replace the machine under warranty.
- All warranties will be carried out by MAKINEX authorised staff or appointed agents at a premise to be determined by the Manufacturer.
- Where the specific warranty component (e.g., engine, alternator) is under a Manufacturer's warranty other than MAKINEX (e.g., Honda, RFL etc), the consumer can either contact MAKINEX or the applicable Manufacturer for repairs where such warranty was registered with that manufacturer at purchase.
- Warranty calls will only be carried out by our representatives and not via client's choice of repairer. We will not accept back charges for any work not carried out by our representatives or accept any charges due to equipment being un-operational for any reason even during its warranty period.

## **CONTACT INFORMATION**

For sales, service, warranty and parts for all MAKINEX products; please refer below.

	SALES, SERVICE, SPARE PARTS & WARRANTY
AUSTRALIA	SALES TEL 1300 795 953 or +61 2 9460 8071 WEB www.makinex.com.au SERVICE, SPARE PARTS & WARRANTY EMAIL service@makinex.com.au
USA	<u>SALES</u> TEL +1 855-625-4639 WEB <u>www.makinex.com</u> <u>SERVICE, SPARE PARTS &amp; WARRANTY</u> EMAIL <u>service@makinex.com</u>
UK	WEB <u>www.makinex.co.uk</u>
EUROPE	WEB <u>www.makinex.eu</u>

#### Or your nearest MAKINEX distributor

We have very knowledgeable, experienced staff to assist you with help and advice.



PRODUCT NAME GRA32P PRODUCT NAME GRA32P MANUFACTURER MAKINEX DOCUMMANE DATE ON DOCUMENT RATE ON DOCUMENT RATE ON DOCUMENT RATE ON	PLANT LICENCE NOT REQUIRED Date Created:	2 THIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED AS A HYBRID POWER SYSTEM ONLY THIS DOCUMENT HAS BEEN PREPARED ACCORDING TO GUIDELINES AND RECOMMENDATIONS FOUND IN: 1. HAZBAY, REDOUCED BY THE WORK-COVER AUTHORITY AND 2. THE AUSTRALIAN STANDARDS 4024.1.4/5 - 1396 "SAFEGUARDING OF MACHINERY - DART 1: GENERAL PRINCIPLES"	"LIKELIHOOD LEVE" REFERS TO THE PROBABILITY OF AN EVENT HAPPENING. THE FOLLOWING SCALE HAS BEEN USED TO DESCRIBE THE LIKELIHOOD OF A DEFINED RISK / HAZARD EVENT OCCURING DURING NORMAL OPERATION OF THE EQUIPMENT. NOTE THAT LIKLIHOOD EVALUATION IS QUALITATIVE AND BASED ON BEST ESTIMATION VIA CONSULTATION AND EXPERIENCE: 1. VERY LIKELY 2. UKELY 3. UNIXELY 4. VERY UNLIKELY	"INURY LEVEL" REFERS TO THE SEVERTY OF INJURY CAUSED DUE TO AN EVENT OCCURING, USING THE FOLLOWING SCALE AS DEFINED BY THE "HAZPAN" DOCUMENT: 1. EATALITY = INUURIS RESULT N DEATH 2. MANDA = NORAUKIT REVENSIEDE INJURIES 3. MANDA = REVENSIBLE INJURIES SEQURING SEVERAL DAYS OFF 4. NECLIGIBLE = ABLE TO BE TREATED USING FIRST AID	"Hark Level" REFERS TO THE SEVENTY OF A RISK BASED ON THE "LIFELHHOOD LEVEL" AND "INJURY LEVEL". INHERENTLY, AS THE CONSEQUENCE INCREASES IN SEVENITY, RISK INCREASES - EVEN WHEN LIKELHHOOD IS LOW - THE FOLLOWING SCALE HAS BEEN USED 1. HEIL = Protential Death, Permanent Disability, on Major Structural Damage. 2. MEM = Potential Temporary, Disability, on Major Structural Damage. 3. LOW = Potential Temporary, Disability, on Major Structural Damage. 3. LOW = Potential Temporary, Disability, on Major Structural Damage. 3. LOW = Potential Important Temporary, Disability, on Major Structural Damage. 3. LOW = Potential Important Temporary, Disability, on Major Structural Damage. 3. LOW = Potential Important Temporary, Disability, on Major Structural Damage. 3. LOW = Potential mediant with the potential to even persons to require first ad.	TYPE / NATURE OF RKK or HAZARD LEVEL INURY LEVEL RISK LEVEL RISK LEVEL RISK / HAZARD CONTROL ACTION	CRUSH IF LOAD FALLS DURING TRANSPORTATION 3 UNLIKELY 1 MAJOR 2 HIGH 11. TRAINING AND QUALIFICATIONS FOR SAFE TRANSPORTATION (1.e. FORKUFRT VERS) MECHANICAL 1.1 III. SETUP REQUESSION ZONG WHEN LOADING	1.2 CRUSH IF UNIT TIPS OVER 4 VERY UNLIKELY 2 MINOR 4 MEDIUM 1. ENSURE UNIT IS PLACED ON EVEN, LEVEL SURFACE	2.1 ELECTROCUTION DUE TO EXPOSED/DAMAGED WIRING 4 VERY UNLIKELY 1 FATAUTY 3 MEDIUM 1. FREQUENT INSPECTION OF WIRING AND CONNECTIONS 2000 CONNECTIONS 20000 CONNECTIONS 2000	3.1 3.1 3.1	4.1 IRRITATION DUE TO CONTACT WITH DIESEL WHEN 1 VERV LIKELY 4 NEGLIGIBLE 3 MEDIUM 1. WARNING INSTRUCTIONS IN OPERATION MANUAL 4.1 REFUELINS	I DELTO INHALATION OF DIESEL FUMES 1 VERY LIKELY 3 MINOR 2 HIGH II.	FIRE/EXPLOSION WHEN REFUELING GENERATOR         I. WARNING STICKER ON FUEL TANY/GENERATOR: SHUT OFF MACHINE AND ALLOW TO COOL BEFORE REFUELING. NEVER REFUELD WHILE MACHINE IS           5.1         3 UNLIKELY         2 MAJOR         3 MEDIUM         II. WARNING.           6.1         1. WARNING         1. WARNING         1. WARNING.         1. WARNING.	5.2 BURNS WHILST DOING OPERATING OR PERFORMING 2 LIKELY 4 NEGLIGIBLE 4 MEDIUM 1. WARNING INSTRUCTIONS IN OPERATION MANUAL: BE CAUTIOUS OF HOT PARTS MAINTENANCE ON MACHINE
JUCT NAME: GEN-3 JFACTURER: MAKIN		HAS BEEN DESIGNE IT HAS BEEN PREPA RODUCED BY THE \ \ALIAN STANDARDS	EVEL" REFERS TO TI BEST ESTIMATION LY KeLY	REFERS TO THE SE INJURIES RESULT VORMALLY IREVEF (EVERSIBLE INJURIE E = ABLE TO BE TRE	EFERS TO THE SEVE tential Death, Perm Potential Tempor ential incident that	OF RISK or HAZAR		1.2 CRUS	2.1 ELECT	3.1 DAM				5.2 MAIN

