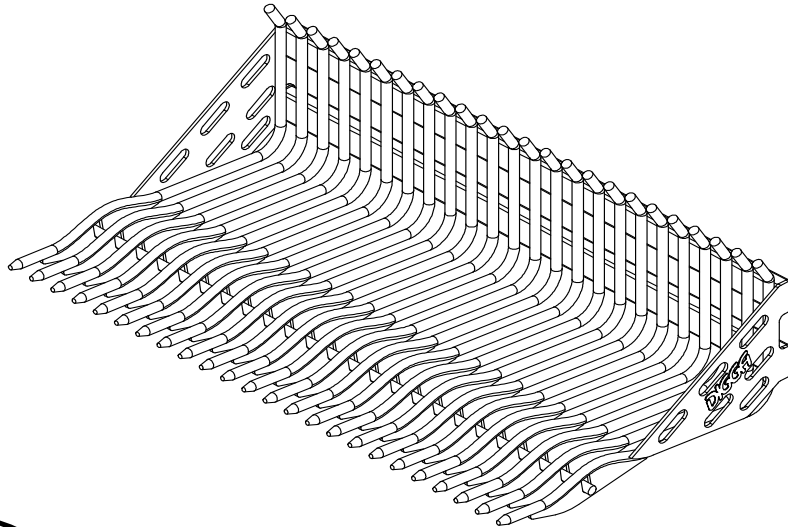


ROCK BUCKET OPERATOR'S MANUAL



MY.DIGGA.COM



DECAL IS APPLIED TO THE
ATTACHMENT

MY.DIGGA.COM



DECAL TO BE APPLIED TO
WINDOW OF MACHINE

ACCESS OPERATOR MANUALS RISK ASSESSMENTS AND MORE

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To the Purchaser

Thank you and congratulations on the purchase of your new Digga Rock Bucket.

This product was carefully designed and manufactured to give you years of dependable service. It is mandatory to read these instructions to keep the equipment running in top working condition.

Before Operation

Inspect the attachment for shipping damage and if any damage does exist, do not operate until the damaged parts have been replaced or repaired. The primary responsibility for safety with this equipment falls to the operator. Make sure the equipment is operated only by trained individuals that have read and understood this manual. If there is any portion of this manual or function you do not understand, contact your local authorized Digga dealer or the manufacturer to obtain further assistance. Keep this manual available for reference. Provide the manual to any new owners and/or operators.

About This Manual

This manual has been designed to help you do a better and safer job. **Read this manual carefully and become familiar with its contents before connecting and operating this unit.**

Service

Use only manufacturer replacement parts. Substitute parts may not meet the required standards.



CAUTION

Never allow anyone to operate this attachment without reading the “Safety precautions” and “Operating instructions” sections of this manual. Always choose hard and level ground to park the vehicle on and set the brake, so the unit cannot roll.

Product Identification

MODELS COVERED IN THIS MANUAL		
ROCK BUCKET		
RB-000038 RB-000086 RB-000087 RB-000093 RB-000096	RB-000101 RB-000103 RB-000106 RB-000109	RB-000117 RB-000135 RB-000137 RB-000138
*Optional attachment : Grapple (RB-000058) Fits 68", 75", 81" & 87" Rock Buckets. (Refer to Page: 7)		

Your Digga Rock Bucket model provides important information about the product. Compare the model engraved on the serial plate to the list above.

NOTE

*Optional Hydraulic Grapple attachment is not covered in this operator's manual. Please contact your DIGGA dealer for any further information about this product or for any other products available in DIGGA range.

Product Identification

Your Digga Rock Bucket is a user non serviceable part. Unauthorised disassembly or modification will void warranty. When servicing or assembling your product, use only genuine Digga replacement parts. Substitute parts may not meet the standards required for safe and dependable operation. Use of non genuine Digga parts will void warranty and Digga accept no liability what so ever for consequential or special damages. All service must be performed by qualified professionals. Contact your local Digga dealer for details. To facilitate warranty or service, record the model and serial number of your unit in the space provided on this page. This information may be obtained from the identification plate located on the product.

Make		Model		Code		Number	
Serial <input type="text"/>							
Type <input type="text"/>				Date <input type="text"/>			
Volume <input type="text"/> m ³ STRUCK <small>ISO 7546:1983</small>				Volume <input type="text"/> m ³ HEAPED <small>ISO 7546:1983</small>			
Tare <input type="text"/>							
DIGGA Australia Pty Ltd							
Tel: +61 7 3807 3330 www.digga.com							

DE-000062

DE-000062

Model: _____

Serial Number: _____

Purchase Date: _____

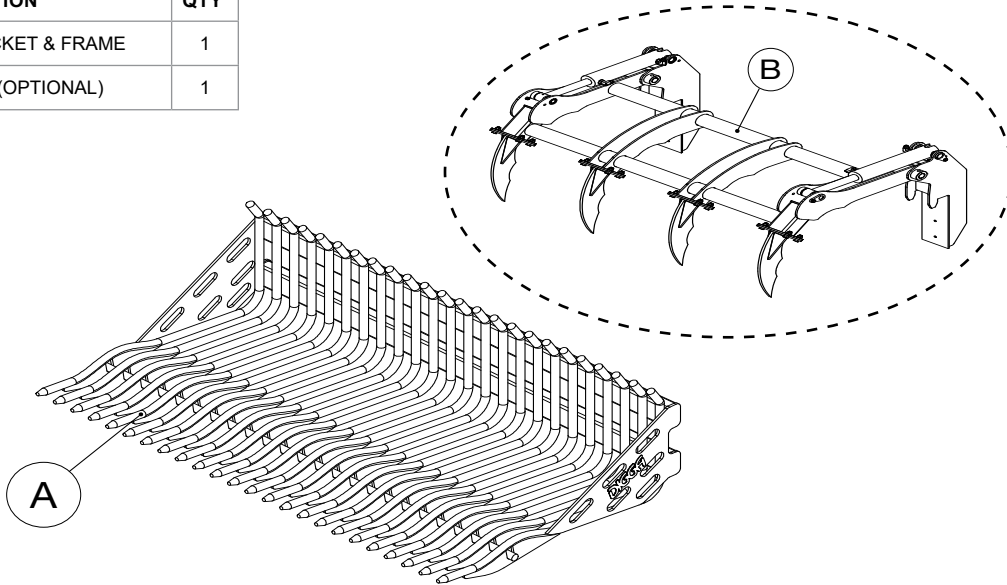
NOTE

The Spare parts department needs this information to ensure accurate parts can be sent to the authorized service agent.

Preparation for use

To avoid any inconvenience before operation, please check that you have received the following items which you may have ordered. Items may differ depending on type of machine the Rock Bucket is to be fitted to.

REF	DESCRIPTION	QTY
A	ROCK BUCKET & FRAME	1
B	GRAPPLE (OPTIONAL)	1



NOTE

This product has been designed for scooping up materials and sifting out rocks and debris. Using it for any other applications could damage the Rock Bucket and will void the warranty.

Safety Precautions - General Information

You must understand all safety statements shown on your attachment and in this manual. Especially note the information called out by the designations shown below. Follow these safety precautions, when operating or maintaining the attachment.

DANGER

The **DANGER** designation indicates an imminently hazardous situation that, if not avoided, will result in death.

WARNING

The **WARNING** designation indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.

CAUTION

The **CAUTION** designation indicates a potentially hazardous situation that, if not avoided, could result in minor or moderate injury or property damage.

NOTE

You will also see information called out with the **NOTE** designation. This additional safety or general information is important to the maintenance and operation of your loader.

During day-to-day operation of your attachment, you will encounter a variety of situations beyond those listed in this manual. We encourage you to assess the risk present at any job site and in every work task before beginning work. Apply appropriate risk mitigation strategies to make safety a first priority at all times, and if these are not sufficient, stop the job and immediately seek the help of a qualified safety consultant.

Safety Precautions - General Information

Know where utilities are

- Observe overhead electrical and other utility lines. Be sure the equipment will clear them.
- Before starting any digging project, lodge an enquiry with BYDA (Before you Dig Australia) or your local utilities location service for the identification of buried electrical, telephone, cable wires, gas, water and sewer lines are likely to be present. Unintentionally disrupting these hidden hazards while working with your loader can result in dangerous situations and property damage.
- Only commence works after having received and studied the underground plans and information thoroughly. Never begin work until the work area has been fully marked for underground utilities.
- For more information about digging best practices access www.byda.com.au. Many countries offer a similar service which advises the location of underground services in your area. If available use this service prior to digging, drilling, trenching or any form of excavating and earthmoving.



CAUTION

You must ensure that underground utilities have been officially marked before working in the area. Markings must be valid according to state law or practice.

Exposure to Respirable Crystalline Silica Dust Along with Other Hazardous Dusts

- It is recommended to use dust suppression, dust collection, and if necessary personal protective equipment during the operation of this or any other machine attachment that may cause high levels of dust.

Safety Precautions - General Information

Remove Paint Before Welding or Heating

- Hazardous fumes/dust can be generated when paint is heated by welding, soldering, or using a torch.
- Do all work outside or in a well ventilated area and dispose of paint and solvent properly.
- Remove paint before welding or heating. When sanding or grinding paint, avoid breathing the dust. Wear an approved respirator. If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from the area. Allow fumes to disperse at least 15 minutes before welding or heating.

End of Life Disposal

- At the completion of the useful life of the Rock Bucket, dismantle it by separating the different materials (rubber, steel, plastic, etc.). Follow all federal, state and local regulations for recycling and disposal of the fluid and components.

Safety Precautions - General Information

Operating the Rock Bucket

- The primary responsibility for safety with this equipment falls to the operator. Make sure that the equipment is operated only by trained individuals, who have read and understood this manual.
- An operator must not use drugs or alcohol, which can change his or her alertness or coordination. An operator taking prescription or over-the-counter drugs should seek medical advice on whether or not he or she can safely operate the equipment.
- Don't hurry the learning process or take the unit for granted.
- It is the skill, care, common sense, and good judgment of the operator that will determine how efficiently and safely the job is performed.
- Visually inspect your equipment, ensure correct assembly and installation is done and never operate the equipment that is not in proper working order.
- Know the capabilities of your equipment and practice its operation to become familiar with the controls, emergency shut down procedures, and the way it handles on your machine.
- Follow all safety decals and keep them clean. Replace them, if they become worn, damaged or illegible.
- Do not paint over, remove or deface any safety signs or warning decals on your equipment.
- Operate only from the operator's station and operate only in daylight or with sufficient artificial light.
- Always carry loads close to the ground and do not exit the machine with the loader arms raised.
- Do not exceed rated operating capacity (ROC) of the host machine, as machine may become unstable resulting in loss of control. Overloading or exceeding the manufacturers specifications will also void all warranty.
- Always lower the loader arms or the machine boom to the ground, shut off the engine and remove the key before getting off the unit.
- Remove the Rock Bucket from the parent machine before transporting to and from the job site.
- Never use the attachment on a machine that is not equipped with a cab rollover protective structure (ROPS) and/or falling object protective structure (FOPS), and operator restraints (seat belts or equivalent devices).

Safety Precautions - General Information

- Establish and maintain a minimum 6 meters (20 feet) exclusion zone around the working area. No person other than the operator should enter the work zone, while the parent machine's engine is running.
- Do not allow site workers to climb on the attachment at any time, including while stationary, in operation or being moved.
- Avoid steep hillside operation which could cause the machine to overturn. Consult your machine operator's and safety manual for maximum allowable incline.
- Reduce speed when driving over rough terrain, on a slope or turning to avoid overturning the machine.
- Travel only with the Rock Bucket in a safe transport position to prevent the uncontrolled movement.
- Drive slowly over rough ground and on slopes.
- Do not drive close to ditches and excavations, etc., as cave in could result.
- Controls must be engaged slowly until hydraulic fluids and the unit are up to operating temperature. This is critical during cold weather. Impact or shock loading of the system is prohibited.
- All operations must be stopped in the event of local thunderstorm or lightning activity. During operation, weather conditions shall be monitored, operations shall cease during electrical storms or when electrical storms are imminent. Ground personnel and bystanders.
- Be alert to others in the work area. Be sure others know when and where you will be working.
- Loose fitting clothing, long hair, jewellery and equipment which might become entangled in moving equipment are prohibited while working near the Rock Bucket .
- Operators, helpers, and other personnel working near the attachment must wear steel-toe safety shoes, safety glasses, and hard hats as a minimum. Hearing protection, respirators, and personal protective clothing will be specified in the site-specific Health and Safety Plan.
- The Rock Bucket shall be cleaned only when the mechanism is in neutral and stopped; long-handled shovels shall be used to move debris from the Rock Bucket. Materials heavier than 10 kg must be moved mechanically or by using at least two people.
- Sharp braking or hoisting is prohibited.

Safety Precautions - General Information

- The Rock Bucket shall be used only for its designed intent and shall not be loaded beyond its rated capacity. Overloading or exceeding the manufacturers specifications will void all warranty.



CAUTION

Wait for the mechanism completely stop before making any adjustments or cleaning.



DANGER

During Rock Bucket operation, maintain a minimum “no-work zone” buffer of 10 feet (3 meters) from any overhead electrical service and 6 feet (2 meters) from any underground service . All bystanders should be kept at a minimum of 20 feet (6 meters) away from the working area of the Rock Bucket.

Removal and Storing your Rock Bucket

- Set the attachment on the ground and follow the standard shut down procedure in your loader operators manual.
- With the loader OFF, disengage the attachment lock pins.
- Start the machine's engine and make sure that the lift arm is lowered and in contact with the loader frame.
- Roll the attachment mechanism forward and slowly back up until the attachment is free from the machine.
- Remove and store the attachment in a dry and protected place. Leaving the Rock Bucket outside will materially shorten its life.

Safety Precautions - General Information

Maintaining the Rock Bucket

- All maintenance should be performed with the engine turned off, parking brakes applied, machine arms lowered, and hydraulic pressure relieved.
- Lock out and tag out the equipment before repairs or maintenance is performed.
- Only properly trained and qualified individuals are permitted to perform repairs and maintenance.
- If lift arms must be left raised for any reason, use a positive lift arm lock to secure the arms in place.

NOTE

Serious damage or personal injury could result from lift arms accidentally lowering.

Transporting the Rock Bucket

- When transporting your attachment, follow all local government regulations that may apply along with any equipment safety precautions provided in this manual.
- It is the responsibility of the operator that safe systems of work are employed while handling this attachment.
- No tie down points are provided on the attachment and its the responsibility of the operator to ensure that the attachment is firmly fastened without causing any damage to it.
- Attachment should be well secured, when being moved or in transit and furthermore prior to moving, storing, loading/unloading, or parking.
- Verify that all tie down accessories (chains, slings, ropes, shackles, etc.) are capable of maintaining attachment stability during transporting and are attached in such a way to prevent unintended engagement or shifting of the unit.
- Use extra care when loading or unloading the attachment on to a trailer or truck and disconnect hydraulic couplers during the transportation. No responsibility for loss or damage to persons or property in any regard can be attributed to Digga.

Safety - Working with the Attachment

Complete a Risk Assessment

Your Digga Rock Bucket is a versatile machinery attachment, capable of performing its tasks in a safe and effective manner. To ensure the safety of operators and others, it is important to document the work at hand for hazard and risk. Before beginning work, complete a risk assessment. The following steps provide a framework for this activity:

1	DOCUMENT THE ACTIVITY Assemble those involved in the activity. Write down the tasks required for the activity in step-by-step form.
2	IDENTIFY THE HAZARDS Next to each task, identify what part of the task may cause injury to those engaged in the task or others in the vicinity. Rate the consequences and likelihood of the hazard using the risk assessment matrix.
3	DOCUMENT THE CONTROL MEASURES Using the results from the risk assessment matrix, determine which hazards require attention. List all mitigation measures that are required to eliminate or minimize those hazards.
4	IDENTIFY THE RESPONSIBLE PERSON Document the name of the person responsible for implementation of the mitigation measure.
5	MONITOR AND REVIEW Ensure that the activity is supervised and that the documented process is being followed.

NOTE

Remember, Personal Protection Equipment (PPE) provides a level of protection during work, but PPE is the last level of hazard control and prevention. Always refer to the hierarchy of hazard control, when planning a safety process.

Safety - Working with the Attachment

When Mounting this Product to Your Machine

- Refer to the operator's manual of your host machine for any special or detailed mounting instructions regarding quick-attach mechanism.
- This product should fit onto the quick-attach Frame or Hitch.
- If this product does not fit properly, contact your Digga Dealer before operating.
- Never place any part of your body into the mounting plate, frame, hitch or loader holes. A slight movement of the power unit or this product could cause serious injury.



WARNING

Never place any part of your body into the mounting plate, frame, hitch or loader holes. A slight movement of the power unit and this product could cause serious injury.

When Adjusting Servicing or Repairing this Product

- Do not make any modifications to your Digga Rock Bucket.
- When making repairs use only competent service agents and use only genuine Digga parts. For fasteners, use only properly rated parts.
- Replacement parts must also have safety signs attached.



CAUTION

Wait for all moving parts to stop completely before making any adjustments or cleaning.

Safety - Working with the Attachment

Before each use, thoroughly inspect this product

- Make certain that all safety signs are in place and legible. Refer to the safety sign page in this manual for the placement of safety signs for this product.
- Replace all damaged or excessively worn parts and hardware only with genuine Digga parts or with properly rated fasteners or fittings.
- Make certain that all locking pins, latches, and connection devices are properly installed and secured.
- Make certain that all protective guards, canopies, doors, etc., are in place and secure

When operating this product in accordance with design intentions




- Never use the Rock Bucket on a Loader that is not equipped with a cab or ROPS (Roll Over Protection Structure), and operator restraints (seat belts or equivalent devices).
- Know your machines safe operating weight limit and the weight of loaded attachment.
- Use caution when working close to fences and ditches, or on uneven ground.
- Never get between the floor and the rock bucket weldment.
- Do not roll back this product so far that materials fall towards the operator.

When operating this product in accordance with design intentions

It is a requirement of the Australian Workplace Health and Safety act 2005 that safe systems of work are employed when handling any attachments. Complete compliance with Workplace Health and Safety issues is compulsory and all due care and attention must be observed at all times in any method of moving, transporting or storing any such device when not attached to a parent machine. We recommend attachments are well secured when being moved or in transit and furthermore prior to moving, storing, loading/unloading or parking it is suggested that the attachment is strapped/secured to a pallet or enclosed in a suitable container to minimise any movement or loss of the load during such activity. NO responsibility for loss or damage to persons or property in any regard can be attributed to Digga.

Safety - Decal Labels

This section provides a glossary of safety labels found on your Digga Rock Bucket. These labels are important! Become familiar with both their meaning and location prior to operating the attachment. Ensure that each label is clean, visible, and legible at all times. To clean the decal, use a soft cloth, water, and soap. Avoid the use of solvents, gasoline, or other harsh chemicals, as these may damage the decal. If a label has been damaged or removed, it must be replaced.

FALLING LOAD HAZARD	MY.DIGGA.COM
 A rectangular decal with a black border. At the top, it says "WARNING" in bold black letters next to a black triangle warning symbol. Below the text is a black and white illustration of a tractor bucket dumping material onto a person standing nearby. The illustration is enclosed in a rounded rectangle.	 A square QR code with a black border. Above the QR code are three small icons: an open book, a triangle warning symbol, and an information symbol (a lowercase 'i' in a circle). To the left of the QR code, the text "MY.DIGGA.COM" is written vertically. To the right, there is a small vertical copyright notice.
 <p>WARNING</p> <p>Falling loads may result in death or serious injury. Do not roll back and tip load onto yourself.</p> <p>Keep others away.</p>	<p>NOTE</p> <p>Scan the QR-code to access: my.digga.com</p> <p>Find manuals, safety information, guides and more.</p>

Safety - Decal Locations

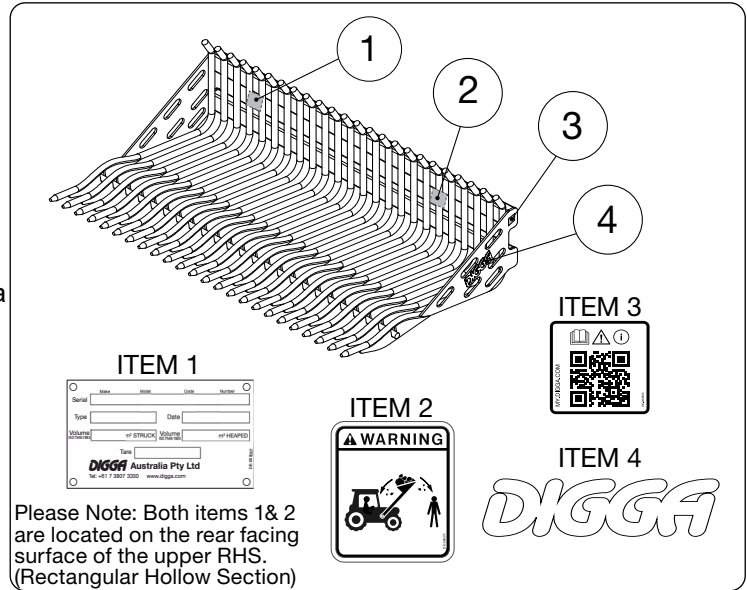
ITEM	ORDER CODE	DESCRIPTION	QTY
1	DE-000062	SERIAL TAG	1
2	DE-000371	DECAL - FALLING LOAD	1
3	DE-000850	QR CODE - MY.DIGGA.COM	1
4	DE-000781	DIGGA LOGO	2

Placement or replacement of safety signs

1. Clean the area of application with non-flammable solvent, then wash the same area with soap & water.
2. Allow the surface to fully dry.
3. Remove the backing from the safety sign, exposing the backing surface.
4. Apply the safety sign to the position shown in the adjacent diagram above and smooth out any bubbles.

Instructions

- Keep all safety signs clean and legible.
- Replace all missing, illegible, or damaged safety signs.
- Replacement parts for parts with safety signs attached must also have safety signs attached.
- Safety signs are available from your dealer or from Digga Australia.



Before Use

The key feature of your Digga Rock Bucket is low maintenance. It contains no user serviceable parts.



DANGER

Safety first!! Read and understand the safety instructions before beginning any maintenance.

Before First Use

Inspect the Rock Bucket for shipping damage. If damage does exist, do not operate until the damaged parts have been replaced or repaired.

Before Each Use

- Make sure that all nuts and bolts are in place and properly tightened.
- Make sure that all other fasteners are in place and are performing their specified function.
- Make sure that all safety signs are in place, are clean, and are legible. (SEE THE SAFETY SIGN SECTION)
- Wear and tear on tynes.
- Replace any damaged parts and excessively worn parts.
- Use only manufacturer recommended replacement parts. Other parts may be substandard in fit and quality.
- Always wear safety goggles or glasses when inspecting equipment.

Installation and Operating Instructions

The DIGGA Rock Bucket attaches to the toll bar/quick-attach mechanism of your machine. Due to this arrangement, thorough knowledge of the machinery controls is necessary for machine operation. Read and understand your machine operator's manual for information regarding machine operation before attempting to use the Rock Bucket. When a Rock Bucket is purchased from Digga or a DIGGA Dealer/Distributor the frame/attachment is matched for suitability of the original machine it was purchased for. Warranty will be void if the Rock Bucket is fitted to an alternative machine without first receiving written confirmation from your DIGGA dealer. Check the work site and identify the extent of the work to be carried out and note any possible hazards or constraints. Underground cables, services etc. Check with relevant government departments on the location of these before commencement of any work. Review the job at hand and determine the Rock Bucket is appropriate for the intended conditions. For example: Do not use the bucket to carry people.

Installation instructions

1. Remove the shipping banding around the Rock Bucket and Frame.
2. Remove any attachments from the front of the machine.
3. Following all standard safety practices and instructions in the host machine's operator manual for installing the Rock Bucket onto your machine.

NOTE

It is important to make sure the locking mechanism on your quick attach is engaged , therefore locking the attachment onto the machine.

4. Carefully raise the loader and cycle the tilt cylinder to check clearances and to verify that all mounting procedures have been successfully completed. The machine is now ready for use.

Standard Bucket operation

1. Ensure the floor of the Rock Bucket is horizontal and level with the ground.
2. Align the Rock Bucket with the rocks to be moved and scoop under the rocks and tilt the bucket up once sufficient volume has filled the bucket.
3. It is important to keep the loaded rock bucket as low as practical to avoid loader instability.

Spare Parts

For further information on spare parts, please contact one of the Digga sales offices shown below, or contact your local authorised Digga dealer.

DIGGA INTERNATIONAL SALES OFFICES

ASIA PACIFIC

DIGGA HEAD OFFICE - BRISBANE

4 Octal St, Yatala QLD 4207
Phone: +61 7 3807 3330
Email: info@digga.com

DIGGA NEW SOUTH WALES

19 Mckay Close,
Wetherill Park, NSW 2164
Phone: 1300 2 DIGGA
Email: nsw@digga.com

DIGGA VICTORIA

17-21 Babbage Dr,
Dandenong, VIC 3175
Phone: 1300 2 DIGGA
Email: vic@digga.com

Web: www.digga.com

NORTH AMERICA

DIGGA NORTH AMERICA

2325 Industrial Parkway SW
Dyersville IA 52040
Phone: + 1 563 875 7915
Email: infous@digga.com

Web: www.diggausa.com

EUROPE

DIGGA EUROPE

Unit 1, Nexus Park
Plenty Close
Newbury, RG14 5RL
England, United Kingdom
Phone: +44 (0) 1488 688 550
Email: infouk@digga.com

Web: www.diggaeurope.com

Rock Bucket

Trouble	Possible Cause	Remedy
Damage to Bucket	Abuse / Used for incorrect applications.	Contact your local Digga dealer.
	Bucket not fitting to parent machine correctly.	Contact your local Digga dealer.

Notes

Warranty Statement

All new Digga products are warranted to be free from defects in materials or workmanship, for a period of twelve (12) months from date of original purchase, which may cause failure under normal usage and service when used for the purpose intended. Digga Australia Pty Ltd warrants its equipment for a period of twelve (12) months dating from delivery to the original user.

In the event of failure, if after examination, Digga determines failure was due to defective material and/or workmanship, parts only will be repaired or replaced. Digga may request defective product or products be returned prepaid to them for inspection at their place of business or to a location specified by Digga. The warranty will be considered void if the product or any part of the product is modified or repaired in any way not expressly authorized by Digga. Any goods returned to Digga by the customer under warranty or repair must have all freight charges prepaid for on the customers account.

Any claims under this warranty must be made within fifteen (15) days after the Buyer learns of the facts upon which such claim is based. All claims not made in writing and received by Digga outside the time period specified above shall be deemed waived.

Damage or failure through operator abuse or negligence voids warranty.

This warranty is in lieu of all other warranties expressed or implied and there are no warranties of merchantability or of fitness for a particular purpose. In no event shall Digga be liable for consequential or special damage. Digga's liability for any and all losses and damages to buyer, resulting from any cause whatsoever, including Digga's negligence, irrespective of whether such defects are discoverable or latent, shall in no event exceed the purchase price of the particular products with respect to which losses or damages are claimed, or, at the election of Digga, the repair or replacement of defective or damaged products.

