



PADDOCK EXCAVATOR ROCK

BREAKER ATTACHMENT

P/N – SPEXROCK

User and Maintenance Manual



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INTRODUCTION

Paddock equipment is built to make light work of the toughest jobs. Quality components and smart engineering design delivers high performance attachments. Paddock offer a full range of attachments for trenching, auguring, rock breaking and bulk materials transfer.

Congratulations and thank you for choosing the Paddock Excavator Rock Breaker. This manual is an important part of your equipment. It provides critical safety information and operating instructions to help you use and maintain your excavator safely and correctly.

NOTE: This manual is in addition to the Excavator manual. The Excavator manual must be adhered too at all times.

The rock breaker attachment is used for breaking up concrete driveway and large rocks. It uses a nitrogen charge and the hydraulics from the excavator to deliver exceptional forces to the chisel tip which breaks the hardest materials with ease. The rock breaker is perfect for breaking larger rocks and concrete sections into smaller more manageable pieces. The rock breaker greatly increases the functionality of a common excavator.

- Hardened pointed chisel pierces rock and concrete
- Options to fit Series 10 & 17 Paddock Excavators
- Compatible with quick hitch connection
- Includes rock breaking attachment with hydraulic hoses, a pointed chisel bit and a nitrogen recharge kit.
- 1 year warranty from an established Australian business

Don't Compromise Quality

When working with machinery, equipment quality should not be compromised, cheap copy machines breakdown costing you money. Paddock only use the highest quality materials making them a machine for life.

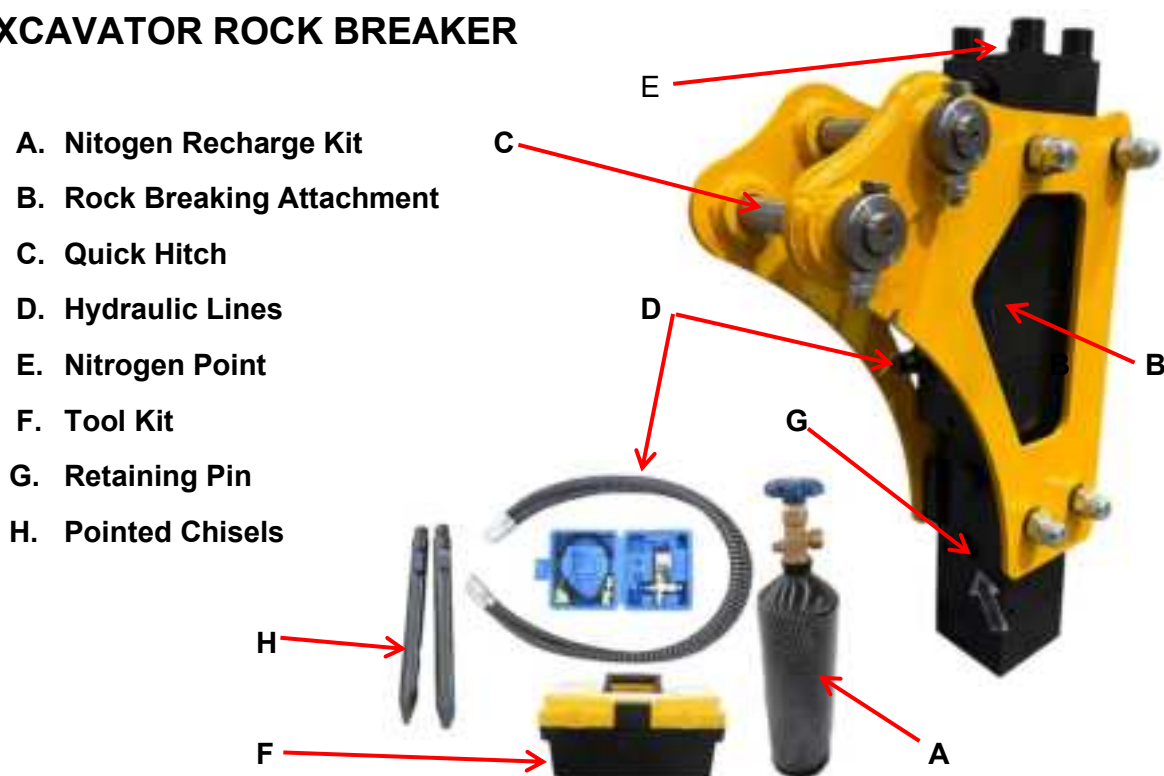
QUICK COUPLING AND AUXILIARY HYDRAULICS STANDARD

The excavators by Paddock™ feature and include as standard a simple and reliable quick hitch design. This design makes it fast for the operator to loosen the hitch and switch between attachments without having to hammer out pins. The design means switching between a ripper and a larger batter bucket is time efficient and realistic during normal operation.

SPECIFICATIONS

| SPEXROCK | |
|-----------------|-----------------------------|
| Pressure | 8 - 11 MPa, 1160 - 1600 psi |
| Energy | 80 - 100 Joule |
| Chisel Diameter | 35 mm |
| Working Height | 95 cm |
| Length | 36 cm |
| Width | 22 cm |
| Weight | 75 kg |

EXCAVATOR ROCK BREAKER




PLEASE NOTE:

- Read this manual thoroughly before operating the machine attachments.
- Please understand and regular review of this manual to help ensure safe, efficient, and long-lasting use of your attachments.



SAFETY OPERATION

SAFETY IS THE RESPONSIBILITY OF THE OPERATOR

 **WARNING** - Before operating or maintaining the excavator, it is essential to follow all safety operation instructions. Read and understand the operator's manual, all safety labels, and decals on the machine.

All repairs, adjustments, maintenance, and operational checks must be carried out strictly in accordance with the manual.

Failure to comply may result in serious injury or death.

TRAINING RECOMMENDATION

This manual does **not** replace hands-on training. Operators are strongly encouraged to undergo third-party machinery training to ensure safe and competent operation.

SAFETY GUIDELINES

Most accidents can be prevented by following these basic rules:

- Read and understand all safety messages in this manual and on the excavator.
- Familiarize yourself with the controls, fuelling, and maintenance procedures.
- Comply with all operational and maintenance rules at all times.
- Never refuel a hot machine.

SAFETY SYMBOLS



- **CAUTION** – Take precautions to avoid minor or moderate injury.
- **WARNING** – Indicates a hazardous situation that may result in serious injury or death.
- **DANGER** – Indicates an immediate hazard that will result in death or serious injury if not avoided.
- **NOTE** – Highlights instructions to prevent machine damage or ensure best practice.

All symbols appear in the manual and on the excavator's safety labels.

BEFORE FIRST USE

Each excavator is fully tested and inspected before delivery. During the first 100 hours, operate with extra care to ensure a proper break-in period.

INITIAL OPERATION GUIDELINES:

- Warm up the machine for at least 5 minutes.
- Avoid full-speed operation early on.
- Minimize rapid acceleration, hard stops, or sharp turning.
- Regularly inspect filter elements based on work environment.
- Conduct a Job Safety Analysis (JSA) before starting work.
- Monitor the hour meter for scheduled maintenance intervals.

SAFETY LABELS AND DECALS

Excavators are equipped with clearly visible warning decals. These must be understood and never removed or defaced.

EXAMPLES OF DECALS:

- **DANGER:** Imminent hazard – will cause injury or death if ignored.
- **WARNING:** Potential hazard – may cause serious injury or death.
- **NOTE:** Advisory – follow instructions to avoid attachment damage.

ALWAYS REMEMBER

- All warnings exist for your safety.
- Never ignore a label, alarm, or safety notice.
- Stay alert. Work safe.



SAFETY – GENERAL PRECAUTIONS

You are responsible for adhering to all relevant safety regulations and legal requirements set by governing authorities. Always operate, inspect, and maintain machinery in accordance with the manufacturer's guidelines.

Many accidents are caused by a failure to follow basic safety procedures. Most incidents can be prevented by identifying potential hazards ahead of time.

BEFORE OPERATING THE MACHINE:

- Carefully read and understand all safety information.
- Ensure you are fully trained in the correct operation, inspection, and maintenance of the attachments.
- Do not operate the machine unless you are confident in doing so safely and correctly.

COMPLIANCE WITH ALL SAFETY REGULATIONS

Only trained and qualified personnel are permitted to operate, inspect, or maintain this machine.

During all machine operations, inspections, and maintenance activities, all applicable rules, regulations, precautions, and safety measures must be fully understood and strictly followed.

Do not operate, inspect, or maintain the machine under the influence of:

- Alcohol or drugs
- Extreme fatigue
- Lack of sufficient sleep

HANDLING ABNORMAL CONDITIONS

If any abnormalities are detected during operation or maintenance — such as:

- Unusual noise or vibration
- Strange odours
- Oil leakage
- Error alarms

Immediately stop operation and contact the appropriate sales or service agent. Do not resume operation until the issue has been properly identified and resolved.

WEAR SUITABLE CLOTHING AND PROTECTIVE EQUIPMENT

To ensure personal safety and prevent accidents in the workplace, follow these clothing and PPE (Personal Protective Equipment) guidelines:



AVOID UNSAFE CLOTHING

- Do not wear loose clothing or accessories that could get caught in moving parts or control levers.
- Avoid clothing stained with oil or fuel, as it is highly flammable.

WEAR APPROPRIATE PROTECTIVE GEAR

- Based on your work environment and tasks, the following PPE should be worn:
- Safety shoes – to protect feet from falling objects and sharp items.
- Safety helmet – to prevent head injuries.
- Safety glasses or goggles – to protect eyes from dust, debris, or chemical splashes.
- Filter masks or respirators – especially when working in dusty or fume-filled environments.
- Thick gloves – for handling sharp, hot, or hazardous materials.
- Ear protectors or earplugs – when working in noisy areas to prevent hearing damage.

TASK-SPECIFIC PROTECTION

- When using tools like grinders, jackhammers, or compressed air, always wear:
- Safety spectacles to guard against flying particles.
- Filter masks to protect from dust and fumes.

NOISE PROTECTION

- Use hearing protection when operating loud machinery.
- Prolonged exposure to high noise levels can cause permanent hearing loss.

BE CAREFUL TO AVOID CRUSHING INJURIES

Serious injury or death can occur if body parts are caught between moving components. Always stay alert and follow these precautions:



DO NOT PLACE HANDS, FEET, OR BODY PARTS:

- Between the machine body and the undercarriage or tracks
- Between the machine frame and working attachments
- Between the hydraulic cylinders and surrounding parts
- Between any moving or pivoting components

WHY IT'S DANGEROUS:

- As the machine operates, gaps can suddenly close due to movement or hydraulic action.
- What seems like a safe space can quickly become a crushing point.

STAY SAFE BY:

- Staying clear of pinch points and moving parts at all times.
- Ensuring no one is in the danger zone before operating any machinery.
- Using lockout/tagout procedures when performing maintenance.

USE OF OPTIONAL PRODUCTS

- Before installing any optional products or attachments, consult our company to ensure compatibility and safety.

- Depending on the type or combination of attachments, some may come into contact with parts of the cab or other machine components.
- Always confirm that attachments are secure and free of interference with other parts before use.
- Do not use any accessories or attachments that have not been approved by our company.
 - Using unauthorized products may compromise safety, reduce operating efficiency, or shorten the machine's service life.
- Our company accepts no responsibility for injuries, accidents, or machine damage resulting from the use of non-approved accessories.

DO NOT MODIFY THE MACHINE

- Unauthorized modifications to the machine can result in serious injury or death.
- Never attempt to modify, alter, or transform any part of the machine without formal approval from the manufacturer.
- Unauthorized modifications may also void the warranty and compromise compliance

PRECAUTIONS BEFORE OPERATION

UNDERSTAND THE WORK AREA

Before beginning any operation, it is essential to assess the work area for safety. This includes:

- Inspecting terrain and ground conditions to identify any instability or risk.
- For indoor operations, review the building structure and take necessary precautions.
- Identify and avoid hazards such as:
 - Gutters
 - Underground pipelines
 - Trees or stumps
 - Cliffs or steep slopes
 - Overhead power lines
 - Landslide-prone or unstable areas

COORDINATE WITH SITE ADMINISTRATORS

- Check the location of buried utilities such as gas lines, water pipes, and power cables.
- Consult with the site administrator when needed and establish any required safety measures prior to beginning work.

ROADSIDE OPERATION

- Prioritize the safety of pedestrians and vehicles during road work.
- Use signage, signals, or designated flaggers to warn and direct traffic.
- Prevent access by unauthorized personnel to the operation area with proper barricades and signage.

OPERATION IN OR NEAR WATER

- When operating in shallow water or near water bodies, check:
 - Water depth
 - Ground firmness
 - Water flow speed

Ensure the area is stable and safe before proceeding.

BRIDGE AND STRUCTURE SAFETY

- Before crossing a bridge or elevated structure, confirm the load capacity is suitable for the machine.
- If necessary, reinforce the bridge or structure to ensure safe passage

KEEP THE MACHINE CLEAN AT ALL TIMES

Maintaining cleanliness is essential for safe and efficient operation. Follow these precautions to reduce the risk of accidents or damage:



PREVENT SLIPS AND FALLS

- Immediately wipe away any lubricating oil, grease, mud, snow, or ice from walkways, steps, and handholds to prevent slipping hazards.

REMOVE UNNECESSARY ITEMS

- Clear out all loose tools, parts, and unnecessary devices from inside and around the machine.
- Keep the operator's seat and foot area clean and free of clutter to ensure safe and unobstructed operation.

PREVENT FIRE HAZARDS

- Clean off dust, oil, and grease from engine components, wiring, and exhaust areas.
- Regular cleaning reduces the risk of overheating or fire caused by buildup of flammable materials.

DAILY INSPECTION AND MAINTENANCE



- Always perform the required daily inspections before starting the machine.
- Identify and repair any issues immediately. Failure to do so may lead to accidents or equipment failure.
- If the machine becomes inoperable or the engine fails:
 - Shut down the machine following the proper shutdown procedure.
 - Ensure the machine is safely parked and secured until repairs are completed.

SAFETY IN THE DRIVER'S CAB

- Before entering the cab, clean dirt, grease, or mud from your shoes.
 - Contaminants on footwear can cause slipping on pedals, leading to accidents.
- Do not place tools, parts, or personal items around the operator's seat.
- Avoid bringing plastic bottles or attaching suction cups inside the cab.
 - These can act as magnifying lenses, creating a fire hazard if exposed to sunlight.

SAFE ENTRY AND EXIT PROCEDURES

- Always use the three-point contact method (two hands and one foot, or two feet and one hand) when mounting or dismounting the machine.
- Do not jump on or off the machine and never attempt to board or exit a moving machine.
- When opening the cab door:
 - First lock it securely in the open position.
 - Check and confirm the door is stable and cannot swing shut.
- Use only the designated steps and handrails to climb on or off the machine.
 - Do not use control levers or rods for support.

PRE-START SAFETY CHECKS

To ensure the safety of all personnel, follow these steps before starting the machine:



1. CLEAR THE AREA

- Ensure all unauthorized personnel have left the work zone before starting the machine.
- Walk around the machine and visually inspect the surroundings.
- Warn nearby maintenance staff or pedestrians to move away from the machine.

Do not start the machine until the area is confirmed clear.

2. INSPECT FOR WARNING SIGNS

- Check the cab, controls, and ignition switch for any warning tags or signs such as:
 - “Caution”
 - “Do Not Operate”
- If any warning sign is present:
 - Do not start the engine.
 - Do not touch any control levers or joysticks.
 - Report to a supervisor or maintenance personnel.

3. SIGNAL BEFORE STARTING

- Sound the horn before starting the machine to alert anyone nearby.
- Only proceed to start the machine once it is safe and the area is fully clear.

COLD WEATHER SAFETY PRECAUTIONS

When operating in cold climates, take extra precautions:

- Be alert for frozen or slippery surfaces on the ground, pedals, and handholds.
- Do not touch metal parts with bare hands in extremely cold temperatures — skin can freeze to the metal, causing serious injury.
- Never use ether or starting fluid to start the engine.

USE OF STARTING FLUID CAN LEAD TO EXPLOSION, SEVERE INJURY, OR DEATH.

- Ensure adequate preheating of the engine and hydraulic system before operation.
 - Operating without proper preheat may result in machine malfunction or accident.

OPERATION GUIDE

Read this manual before using the excavator. **Take care within the first 100 hours.**

FOR NEW EXCAVATORS:

Excavators have a 100-hour run-in period designed to enhance their performance and extend service life. During this period, new excavators should be operated according to the following three steps.

| Hours | Load |
|------------------|-----------|
| Within 10 hours | About 60% |
| Within 100 hours | About 80% |
| After 100 hours | 100% |

DAILY CHECKS:

- Engine cooling system for leaks or damage
- Tyres and tyre pressure / Track Tension

- Any loose or damaged parts
- Safety decals & labelling
- Control station
- Check level of engine oil, hydraulic oil, fuel and look for any leaks.
- Check the lubricating oil regularly and replenish.
- Check gauges and lights when running.
- Check if excavator is working well when running.
- Add grease to lubricating points every day.
- Check for bolts which may have vibrated loose.

WHEN THE MACHINE IS FOUND TO BE ABNORMAL

If any abnormalities are detected during the operation, inspection, or maintenance of the machine — such as unusual noise, vibration, odours, oil leakage, or error alarms — stop using the machine immediately. Notify the sales or service agent without delay and take appropriate corrective measures.

Do not resume operation until the issue has been fully resolved.

SAFETY DRIVE



CAUTION: Match your driving speed to the condition

The excavator's centre balance point changes when lifting and lowering the arms and

attachments, take care especially if operating on slopes. Keep the excavator on level ground when operating and turning. Lower lift arms entirely when moving and lift bucket to proper height, to avoid obstacles.

**DANGER - TAKE CARE TO LOWER OPERATING SPEED IF ARMS ARE RAISED.
AVOID SUDDEN CHANGES IN DIRECTION AS THIS CAN CAUSE A ROLL OVER.**



WARNING: This product manual can't teach you how to safely operate a complex excavator. Users should consider undergoing training by a 3rd party provider who specialises in small machinery prior to operation.

Avoid overloading the excavator as this has potential to bend the excavator's hitch plate. Examples of ways to overload the excavator are as follows:

CONNECTING ATTACHMENTS

ONLY USE APPROVED PARTS:

- Always use manufacturer-approved parts and accessories to ensure the machine operates safely and efficiently.
- Non-approved parts may compromise the integrity of the machine, leading to potential malfunctions, safety hazards, or voiding of warranties.

RISKS OF USING NON-APPROVED PARTS:

- Reduced machine performance and efficiency.
- Increased wear and tear, potentially shortening the machine's lifespan.
- Increased risk of accidents or injuries.

HOW TO USE QUICK HITCH

1. Raise the arm off the ground to a workable height.



2. Tilt the bucket to ensure it doesn't fall once the mounting is loose.



3. Using the 22mm spanner loosen the nyloc nut on the top of the quick hitch.



4. Loosen the head of the bolt on the bottom of the quick hitch. Doing this will raise the bottom jaw, once the jaw has moved enough off of the bottom bolt on the bucket you should be able to lift the bucket and still have it pivoting in the top jaw.



5. Lower the bucket onto the ground and reverse the steps to install a new bucket.



CONNECTING HYDRAULIC HOSES TO THE EXCAVATOR

There are two different ways to connect the hydraulic hoses. Follow the steps below for your excavator:

PREPARATION

1. Park the excavator on level ground.
2. Lower the arm to a height that is easily accessible for mounting.
3. Shut off the engine and allow the engine and hydraulic oil to cool to ambient temperature.

VALVE SETUP

1. Close the hydraulic valves by turning them clockwise 90°. The valve debossing should now be perpendicular to the arm.
 - a. If you do not have the valve type, please ignore this step.
2. Remove the screw nut from the valve to expose the male thread:
 - Hold the male thread still while removing the screw nut.
 - Cover the exposed male thread with plastic wrap (not included).
 - Do not remove the male thread itself.

NOTE: If you accidentally remove only the outer shell of the screw nut, remove the core as well to fully expose the male thread.

Keep the screw nuts in a clean, in protected area. They may be needed later when detaching attachments and resealing the valves.

PREPARE PORTS

1. Remove the two nuts sealing the hydraulic ports on the attachment. Cover the exposed ports with plastic wrap.

NOTE: If the hose ends are sealed with plastic plugs, remove them.

If there are no plugs, inspect the ports and clean them using pressurized air if needed.

Always cover all exposed ends with plastic wrap.



Contamination inside the ports may damage your excavator's main hydraulic pump.

CONNECTING THE HOSES

- Connect the hoses to either side of the boom

FINAL STEPS

1. Open the hydraulic valves by turning them counterclockwise 90° so that the debossing is now parallel to the arm.
2. Test the excavator:
 - Ensure the hose length allows for the full range of arm movement
 - Avoid over-extending the hydraulic cylinders
 - Check all hoses and fittings for leaks



HYDRAULIC ROCK BREAKER OPERATION & SAFETY GUIDE



DO NOT Use the Hammer as a Hoist

- The hammer is not designed for lifting or hoisting.
- Using it as a hoist can topple the excavator, risking severe damage or injury.

Proper Operating Practices

1. Preload the Chisel Before Activation

- Always press the chisel tip firmly against the material before engaging the hammer.
- This prevents damage and ensures effective impact.

2. Keep the Hammer Perpendicular

- Do not slant the hammer.
- A slanted position can bend or break the chisel.

3. Maintain Proper Boom Alignment

- Keep the boom's direction of force aligned with the chisel's penetration path.
- Use the boom cylinder to apply downforce.
- Use the arm cylinder for proper alignment.
- Keep the tool tangent to the boom's arc.

4. Avoid Blank Hammering

- Stop hammering immediately once the material is broken.
- Blank hammering can overheat the hydraulic system and wear the retaining pin prematurely.

5. Do Not Use Chisel as a Pry Bar

- Prying causes:
 - Premature bushing wear
 - Chisel bending or breakage
- Instead, when penetrating soft material:



- Move the hammer slightly fore and aft to create a cone-shaped hole
- This allows dust and heat to escape, improving penetration.

6. Limit Hammering Time Per Spot

- Do not hammer in the same position for more than 30 seconds.
- If the material isn't breaking, choose another spot.
- Prolonged hammering causes:
 - Reduced efficiency
 - Overheated chisel tip
 - Increased oil temperature
 - Shortened tool life

7. Start with a Free Face

- Begin hammering at a free edge, not the center of large objects.
- This reduces the chance of the chisel becoming stuck.

8. Lower the Hammer Gently

- When positioning the hammer, do not drop it onto the material.
- Watch descent speed to avoid tool or machine damage.

9. Do Not Nudge Heavy Objects

- Avoid using the hammer to push or nudge large items.
- This causes uneven wear on the arm and attachment pins.

10. Cylinder Use Caution

- Never over-extend or over-retract hydraulic cylinders.
- Repeated misuse will damage the cylinder components.

11. Do Not Submerge the Hammer

- Only the chisel may be submerged.

- The hammer body is not watertight; water exposure will damage internal components.

12. Avoid Hammer Contact with the Boom

- When tucking or storing the hammer:
 - Ensure the chisel is clear of the boom to prevent contact.

GENERAL OPERATION STEPS

1. Check Hydraulic Settings
Ensure the mini excavator's hydraulic flow and pressure match the hammer's requirements.
2. Warm Up Machine
Start the engine and let it warm up based on the ambient temperature.
3. Position Hammer
Use the boom and arm to bring the hammer over the target material.
4. Preload the Chisel
Gently press the chisel tip against the material.
5. Begin Hammering
Activate the hammer while maintaining a perpendicular angle.
6. Stop Once Material Breaks
Deactivate the hammer and lift the tool once the material has fractured.

NOTE: Pressure and impact force should be adjusted based on the material type and conditions.

CHISEL REPLACEMENT INSTRUCTIONS



SAFETY PRECAUTIONS

- Only use the provided spare chisel for replacement.
- Always lower the hammer to stable, level ground.
- Turn off the excavator engine before servicing the chisel.
- Warn bystanders and all personnel nearby that maintenance is in progress.
- For safety, remove and secure the ignition key to prevent accidental starting.



INSPECT FOR DAMAGE

Replace the chisel if there is visible chipping, cracking, breaking, or bending.

REPLACEMENT PROCEDURE

1. Detach the Hammer Assembly
 - Disconnect the hammer from the excavator by reversing the installation steps.
2. Locate the Retaining Pin Plug
 - It is on the side of the hammer near the chisel base.
3. Remove the Retaining Pin Plug
 - Use a plug driver aligned with the plug.
 - Strike the driver with a hammer to push the plug outward.
4. Extract the Plug
 - Once it protrudes, pull the plug out fully.
5. Remove the Retaining Pin
 - If it's tight, gently tap the surrounding area with a rubber mallet.
6. Replace the Chisel
 - Remove the old chisel.
 - Insert the new chisel, ensuring the indented end faces the retaining pin.



If the indented end is incorrect, the retaining pin cannot be reinstalled.

7. Reinsert the Retaining Pin
 - Ensure it locks the chisel in place by attempting to pull the chisel gently.
8. Reinsert the Plug
 - Drive it securely into place with the plug driver and hammer.
9. Reattach the Hammer
 - Mount it back onto the excavator if further use is required.

LUBRICATION INSTRUCTIONS



SAFETY PRECAUTIONS

- Use only lithium grease.

DO NOT use kerosene or any flammable substitutes.

- Lower the hammer to solid, level ground before greasing.



- Turn off the excavator engine and remove the ignition key.
- Notify others that servicing is underway.

WHEN TO LUBRICATE - Lubricate when movement becomes difficult or produces squeaking sounds.

LUBRICATION STEPS

1. Clean Grease Points
 - Remove any dirt, grime, or debris to avoid contamination.
2. Apply Lithium Grease
 - Grease the inside of the pin nut and other key rotating points.

RECHARGING THE HYDRAULIC HAMMER

This hydraulic hammer features a cylinder structure with a nitrogen chamber to reduce recoil and increase impact efficiency. Nitrogen acts as a dampener, cushioning the recoil of the chisel during operation.

RECHARGE IMMEDIATELY IF YOU NOTICE:

- Violent jerking of hydraulic hoses.
- Significant loss of percussive force in the chisel.

Continuing to operate the hammer in this state may cause damage to the excavator and the hammer.



SAFETY PRECAUTIONS

- Stay clear of the chisel during the recharging process.
- A sudden pressure change could force the chisel outward, causing serious injury.

RECHARGING PROCEDURE

Tools Required:

- Nitrogen canister
- Charge hose
- Pressure gauge
- Hex wrench
- Toolkit (typically in a small blue box)



STEP-BY-STEP INSTRUCTIONS

1. Charge Nitrogen Canister
 - Fill the canister at a hydrogen fuelling station (not air) to 13–14 kg/cm² (185.1–199.1 psi).
2. Gather the Toolkit
 - Ensure the kit includes:
 - Pressure gauge
 - Charging hose
 - Nitrogen canister
3. Connect the Hose to the Canister
 - Attach the 5/8" port of the hose to the canister's outlet port.
 - Tighten the connection.
4. Connect the Hose to the Gauge
 - Attach the other end of the hose to the gauge intake port.
 - Tighten securely.
5. Open the Hammer Charge Port
 - Use the hex wrench to remove the charge port cap on the hammer.
 - If stuck, use an extension rod for extra leverage.
6. Attach the Nozzle to the Hammer
 - Insert the charge nozzle into the charge port.
 - Turn the nozzle knob to lock it securely in place.
7. Prepare the Nozzle Lever
 - Ensure the gauge valve is closed.
 - Pull the nozzle lever up to its full extent.
8. Initiate Charging

- Briefly open the nitrogen canister valve for approximately 1 second, then close it.
- Charging typically lasts about 1 second.

9. Check the Pressure Gauge

- Gently press the nozzle lever to display pressure on the gauge.

Interpret the Reading:

- 11–13 kg/cm² (156.6–185.1 psi): Charging is complete.
- >13 kg/cm²:
 - Press the nozzle lever gently.
 - Open the gauge valve slowly while watching the pressure.
 - Close the valve once pressure drops into the safe range.
- <11 kg/cm²:
 - Repeat steps 7–8 to increase the pressure.

10. Disconnect and Secure Components

- Remove the gauge and nozzle from the hammer.
- Replace and tighten the charge port cap.
- Disassemble the attachment and store it properly.

MAINTENANCE



CAUTION: If you leave the key in the ignition switch, the engine may accidentally start, potentially causing serious injury to yourself or others nearby.

Before performing any maintenance, turn off the engine, remove the key from the ignition, and disconnect both the hydraulic and electrical connections between the attachment and the engine.

WEEKLY CHECKS

Perform the following once per week:

- Inspect the overall condition of the attachment and mounting frame for wear, cracks, or loose fittings.
- Check the drive sprocket for wear.
- Grease hitch and pivot pins
- Inspect all hydraulic hoses for signs of wear, cracks, or external damage.

FIRST 100 HOURS OR 3-6 MONTHS

To maximize lifespan and maintain warranty, gear oil must be:

- Drained and replaced with 600XP (or approved equivalent).

YEARLY OR EVERY 500 HOURS

Gear oil must be:

- Drained and replaced with 600XP (or equivalent)
- Every 12 months or 500 operating hours, whichever occurs first

STORAGE

- Before long-term storage, clean the attachment to remove dirt.
- Check the condition of the Attachment. Replace or repair any worn or damaged parts.
- Lubricate the required components.
- Check and tighten all bolts, nuts, and screws. Repair or replace any damaged or worn parts.
- Ensure all hydraulic couplings are connected to prevent contamination of the hydraulic system.
- Spray anti-rust oil on scratched or exposed metal surfaces and coat the wheel with rust preventive oil.
- Store the attachments in a clean, dry garage or storage area.
- Cover the attachments to protect it and keep it clean.

WARRANTY INFORMATION

The below information is an addition to information covered under the standard Terms and Conditions of sale at your place of purchase.

ACCESSORIES AND ATTACHMENTS – 12 months or 1,000hrs (whichever comes first) from date of purchase.

HOSES – Hydraulic hoses are warranted against manufacturing defects for a period of 1yr or 1,000hrs (whichever comes first) from date of purchase.

EXCLUSIONS - Normal wearing parts and consumables are not covered by warranty. Examples include: oil filters, oil, muffler, belts, chains, cutting teeth, blades, tires, tracks, sprockets. Attachments damaged, misused, not maintained, adjusted incorrectly, effected by fire, rain, accident or flood will not be covered by warranty.

SUPPORT INFORMATION

SALES ENQUIRIES:

P: 1300 246 406

E: info@paddockmachinery.com

SUPPORT REQUESTS

Via the website support request - www.paddockmachinery.com

ADDRESS:

47 Eagleview Place
Eagle Farm QLD 4009
Australia