

REPALQ 

DUST **PROTECTOR**

The First Line of Defense Against Dust Contamination

The Essential Guide for Dealers

Index



02 – Our Commitment to Protection and Performance

03 – Introducing the Dust Protector

04 – Why Dust Protection Matters

05 – The Hidden Enemy

06 – Applications

07 – Contacts

Our Commitment

Hydraulic hammers operate in some of the most challenging environments in the world. Every day they are exposed to dust, debris and abrasive materials that can accelerate wear and increase maintenance requirements.

At Repalo, we believe that reliability starts with protection. The Dust Protector has been developed to create an additional barrier against contamination, helping customers extend component life, reduce downtime and improve productivity.

This document illustrates how proper dust protection can make a measurable difference in daily operations and long-term equipment performance.

Protection. Reliability. Performance.

TEAM REPALO

Introducing the Dust Protector

Hydraulic hammers operate in extremely harsh environments where dust, rock fragments and abrasive particles are constantly generated during breaking operations.

The Dust Protector is a protective device designed to be installed around the tool area of the hammer, creating a barrier against the ingress of dust and debris into critical components.

By limiting contamination, it helps reduce wear on internal parts, protect sealing elements and maintain the efficiency of the hammer over time.

Simple in concept yet highly effective in operation, the Dust Protector contributes to improved reliability, reduced maintenance requirements and extended equipment service life.

Why Dust Protection Matters

Dust contamination is one of the leading causes of premature wear in hydraulic hammers.

If abrasive dust and fine particles penetrate the hammer, they can lead to a variety of issues, including accelerated wear of mechanical components, damage to sealing elements, contamination of lubricating grease and potential malfunction of the percussion system.

Over time, dust contamination can reduce operating efficiency, increase maintenance requirements and shorten the overall service life of the equipment.

Effective dust protection plays a key role in preserving hammer performance, reliability and durability, particularly in demanding working environments.



The Hidden Enemy

It makes no noise.

It consumes no energy.

It often goes unnoticed.

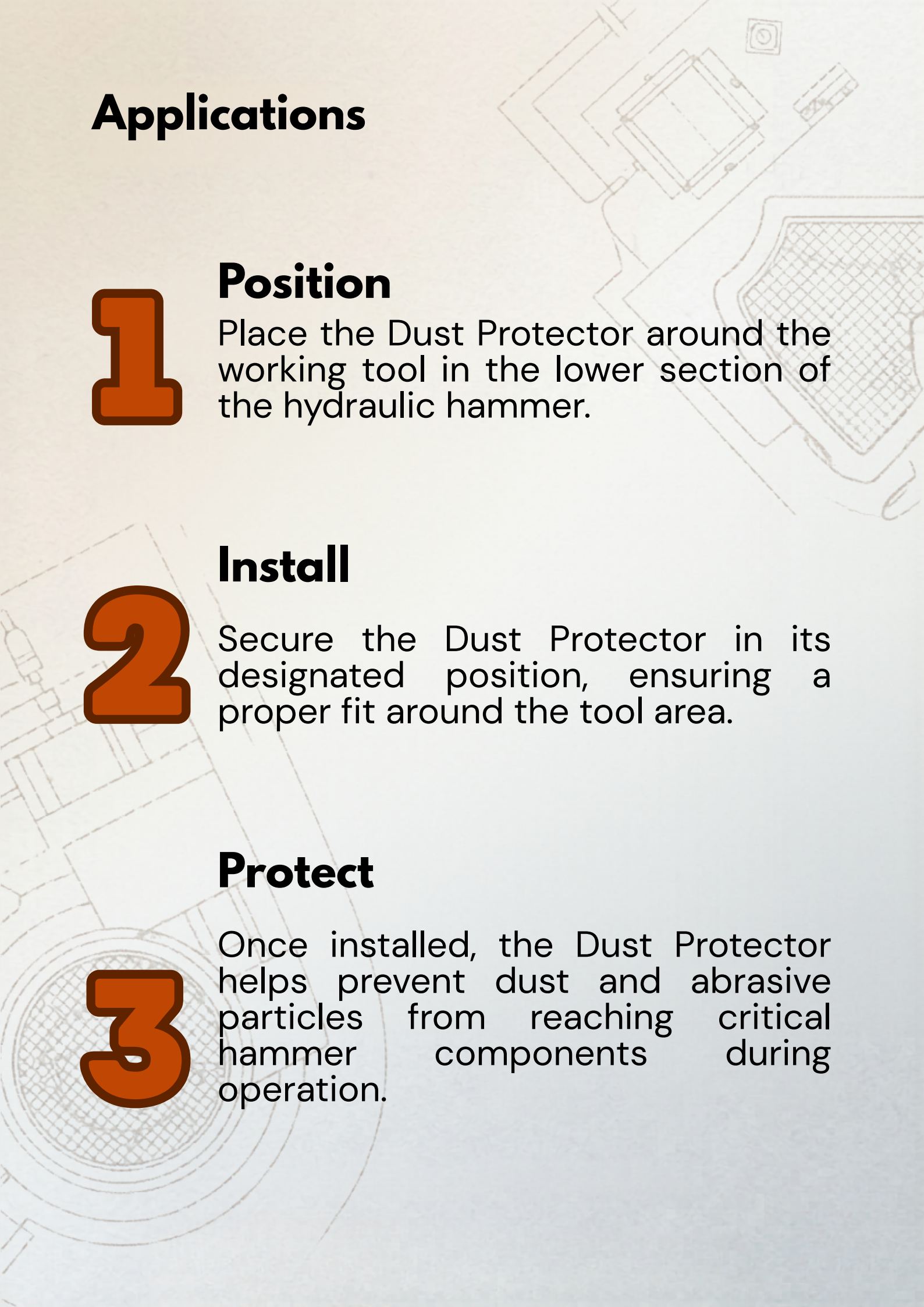
Yet it plays a vital role in protecting the hydraulic hammer from one of its most insidious enemies: dust contamination.

Without the dust protector, the equipment would be significantly more vulnerable to contamination, component damage, and increased maintenance requirements.

Simple in design, essential in function, the Dust Protector contributes to longer service life, greater reliability, and more consistent performance in demanding work environments.

Small component. Big difference.

Applications

A technical line drawing of a hydraulic hammer assembly. The drawing shows the main body of the hammer, a working tool, and a dust protector. The dust protector is a rectangular shield with a grid pattern, designed to fit around the tool. The assembly is shown in a perspective view, with various components labeled with letters and numbers. The background is a light beige color with faint technical drawings of other parts.

1

Position

Place the Dust Protector around the working tool in the lower section of the hydraulic hammer.

2

Install

Secure the Dust Protector in its designated position, ensuring a proper fit around the tool area.

3

Protect

Once installed, the Dust Protector helps prevent dust and abrasive particles from reaching critical hammer components during operation.

CONTACT US

Don't Let Dust Shorten Your Hammer's Life

The Repalo team is available to provide technical support and help you choose the right attachment solutions for your needs.



Viale Giovanni XXIII, 92 – 70032 Bitonto (Bari) – Italy



**(+39) 0804044674
(+39) 3357574116**



info@repalo.com