

# ORIGINAL ENGLISH HYDRAULIC DENT RAISER - BROWNELLS 16 GAUGE DENT RAISER

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## The Finest Professional Gunsmith Dent Raiser Made

We are pleased to be able to provide these beautiful, original pattern, British-made Hydraulic Dent Raisers. For the gunsmith, these Dent Raisers have proven to be one of the most sought after tools in our line. Few jobs are a greater challenge - or cause more customer concern - than removing a dent from a prize shotgun. To be able to remove such a damaging blemish with the ease, precision and perfection that this tool provides is gratifying beyond words. A tool you want to own ... A tool to cherish and care for. Not only will it make your customers happy, but it will also prove to be profitable for you at the same time! Actually, the dent raiser is a hydraulic jack of tremendous force with pressure controlled by the Allen screw in the handle. Because of the pressures involved, the best of steels and heat-treating procedures have been used in its production to ensure ease of maintenance and years of trouble-free use. **EASE OF OPERATION** Simple and easy to operate. Hold the tool along the outside of the barrel, lining up the small anvil in the head even with the center of the dent. Slide the collar flush against the barrelbreech or muzzle (whichever end is closer to the dent) and lock the collar tightly into place. Now, insert the Dent Raiser into the barrel, bringing the collar flat against the end of the barrel and centering the anvil in the head directly under the dent. Gently turn the Allen screw in and watch the dent come up. When the dent is completely up (you must be careful not to bulge the barrel because the tool is so powerful), relieve the hydraulic pressure against the anvil by loosening the Allen screw. Re-apply pressure until resistance is just felt and you can turn the tool handle back and forth without too much pressure. Turn in the Allen screw and twist and burnish. Repeat until the dent is completely removed. No outside hammering or peening is required, so no hammer marks to polish out and no need to reblue the barrel. Just a fast, Professional job that will bring joy to your customer and fame and fortune to you! (NOTE: The Hydraulic Dent Raiser will not remove nicks/gouges in the steel that may have been caused along with the dent. Careful drawfiling and polishing can take care of most of these, and rebluing will be required - which your customer should understand.) Detailed operating and maintenance instructions.



## Attributes

- Name: [BROWNELLS 16 GAUGE DENT RAISER](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080083016
- Mfr. No.:
- Weapon type: Universal Shotguns
- Delivery weight: 0.748kg
- Shipping height: 658mm
- Shipping width: 61mm
- Shipping length: 61mm
- UPC: 050806007918

## **Item details**

Made in USA

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# Safety Instruction Guide for the ORIGINAL ENGLISH HYDRAULIC DENT RAISER

## Introduction

Thank you for choosing the ORIGINAL ENGLISH HYDRAULIC DENT RAISER. This tool is designed to assist gunsmiths in effectively removing dents from shotguns. While it is a powerful and reliable tool, it is essential to follow safety guidelines to ensure safe and effective use. This guide provides important safety instructions and operational procedures in compliance with the EU General Product Safety Regulation (GPSR).

## General Safety Guidelines

- Ensure that the tool is used only by trained personnel familiar with hydraulic tools.
- Always inspect the tool before use for any signs of damage or wear.
- Use the tool only for its intended purpose as described in this manual.
- Keep the tool out of reach of children and vulnerable individuals.
- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when operating the tool.
- Be aware of your surroundings and ensure that the work area is welllit and free from hazards.
- If you experience any discomfort or pain while using the tool, stop immediately and seek assistance.

## Specific Safety Precautions for Use

- **Hydraulic Pressure:** The Dent Raiser operates under high hydraulic pressure. Handle with care to avoid injury or damage.
- **Barrel Alignment:** Ensure proper alignment of the tool with the dent to prevent misfires or barrel bulging.
- **Allen Screw Operation:** When adjusting the Allen screw, do so gently to avoid overpressurizing the tool.
- **Dents vs. Gouges:** This tool is not designed to remove nicks or gouges. Use appropriate methods for these issues.
- **Maintenance:** Regularly maintain the tool to ensure optimal performance and safety. Follow the maintenance instructions provided in this guide.
- **Emergency Procedures:** Familiarize yourself with emergency procedures in case of an accident during use.

## Instructions for Installation and Usage

### 1. Preparation:

- Gather all necessary tools and materials.
- Ensure the workspace is clean and organized.

### 2. Tool Setup:

- Hold the tool along the outside of the shotgun barrel.
- Align the small anvil in the head with the center of the dent.
- Slide the collar flush against the barrel's breech or muzzle, depending on the dent's location.
- Lock the collar tightly into place.

### 3. Using the Dent Raiser:

- Insert the Dent Raiser into the barrel, ensuring the collar is flat against the end of the barrel and

the anvil is centered under the dent.

- Gently turn the Allen screw to apply pressure. Monitor the dent as it rises.
- Once the dent is fully raised, relieve hydraulic pressure by loosening the Allen screw.
- Reapply slight pressure until resistance is felt, allowing for smooth operation without excessive force.
- Turn in the Allen screw and gently twist to burnish. Repeat as necessary until the dent is completely removed.

#### **4. PostUse Care:**

- After use, clean the tool and store it in a safe place.
- Regularly check for wear and tear, and replace parts as necessary.

## **Disposal Instructions**

- Dispose of the tool in accordance with local regulations.
- Ensure that any hydraulic fluids are disposed of properly to avoid environmental contamination.
- Do not dispose of the tool in regular household waste.

## **Contact Information for Further Support**

For any inquiries regarding safety or operational support, please refer to the contact information provided on the product packaging or visit the manufacturer's website.

By adhering to the guidelines outlined in this safety instruction guide, you can ensure a safe and effective experience with the ORIGINAL ENGLISH HYDRAULIC DENT RAISER. Thank you for your attention to safety and proper usage.

# About Us

## Brownells UK

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