



BOODY'S DESIGN

INTERNAL GRIPPING PLIERS™

GRIP FROM THE INSIDE.

Protect the Outside.

A patent pending internal gripping plier engineered to securely lift, rotate, and manipulate components — without touching or damaging exterior surfaces.



PROTECT EXTERIOR SURFACES

- No scratching
- No smearing
- No marring
- No contamination

PRECISION INTERNAL EXPANSION

- Squeeze handles
- Jaws expand outward
- Secure internal grip

BUILT FOR MANUFACTURING

- Painted parts
- Hot weldments
- Sterile components
- Precision finishes

HOW IT WORKS

STEP 1 INSERT



STEP 2 GRIP



STEP 3 MANIPULATE



PROTECT EXTERIOR SURFACES

- No scratching
- No smearing
- No marring
- No contamination

PRECISION INTERNAL EXPANSION

- Squeeze handles
- Jaws expand outward
- Secure internal grip

BUILT FOR MANUFACTURING

- Painted parts
- Hot weldments
- Sterile components
- Precision finishes

This invention introduces a new category of internal gripping pliers engineered to engage inner surfaces while protecting outer finishes. The dual-pivot expansion mechanism transitions from insertion to secure grip through controlled outward force.

Available for Licensing & Manufacturing Partnerships

Dale Boody
Digital Designs for 3D Printed Parts
1004 Main Street, Canon City, CO 81212

(719) 269-3273
boodyd@gmail.com

Patent Pending • Internal Expansion Mechanism