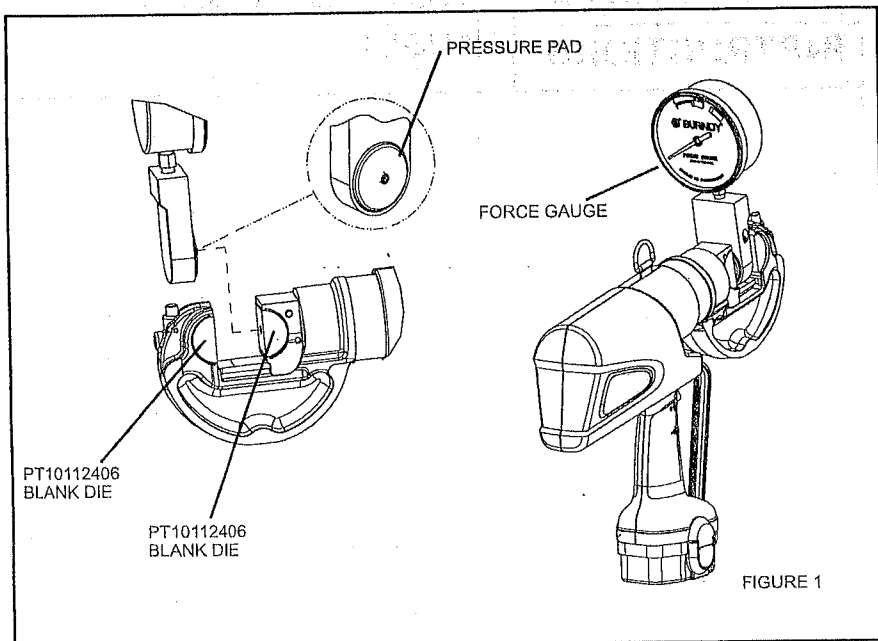




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INTRODUCTION

The BURNDY® Force Gauge FORCEGAUGE12-15 is designed to assure the user that BURNDY® tools supply sufficient force to crimp connectors properly. It is a precision, self-contained load cell which converts the tools' output force into a pointer motion on a calibrated dial. The Force Gauge includes a blank "U" die (test) set. The blank "U" die (test) set and the gauge adapter are to be used in the BURNDY® tools with the Force Gauge to check the tools for the proper output force.

OPERATION

⚠ WARNING



Moving part hazard. Tool jaws move at a high rate of speed and can cause severe personal injury. Keep all body parts away from moving parts of the tool when inserting the test gauge into the head of the tool. Failure to comply may lead to serious personal injury.

⚠ WARNING

Do not use this gauge with any remote tool heads. Limit output force to 17 U.S. tons (15.4 metric tons). Use of this gauge with remote tool heads or heads with output force higher than 17 U.S. tons (15.4 metric tons) may result in serious personal injury and/or gauge damage.

OPERATING INSTRUCTION:

1. Be certain that the Force Gauge is calibrated.
2. Clamp head of tool in a vise.
3. Insert blank "U" dies PT10112406 into the head and die holder of the tool.
4. Hold the Force Gauge between the dies with the pressure pad facing the operator (as shown in Figure 1). Advance the ram to clamp the Force Gauge lightly. Ensure the set screw on the pressure pad is engaged with the hole in the die blank misalignment may result in erratic readings or damage to the Force Gauge.
5. Observe the pointer position on the Force Gauge while advancing the tool. When maximum output force is reached (the relief valve pops off) the pointer will stop rotating clockwise and reverse its direction. The highest position the pointer reaches is the output force of the tool.
6. A pointer that reaches into the solid green band verifies that the output force is within the recommended range. If the pointer is within the stripped green band, crimps will be acceptable but the tool will need adjustment before it is used again.

CALIBRATION

1. Periodic calibration of the BURNDY® Force Gauge FORCEGAUGE12-15 is recommended and the frequency can only be determined by the user.
2. Calibration of the BURNDY® Force Gauge FORCEGAUGE12-15 should be performed by qualified BURNDY® personnel. When you determine that calibration is necessary return tool to:

BURNDY® Tool Service Center
150 BURNDY Road
Littleton, NH 03561

NOTE: Any BURNDY® Force Gauge returned for calibration must be shipped prepaid. The purchase order number with detailed bill-to and ship-to information authorizing BURNDY® to calibrate the tool is required on the packing slip. Requests for calibration charges before the work is done must be stated boldly on the packing slip.

MAINTENANCE

This instrument is **NOT** field repairable and should be returned to the BURNDY® Tool Service Center for any repairs.

The FORCEGAUGE12-15 is designed for measuring instruments and should be handled with care to ensure dependable service.

1. Avoid dropping the gauge or subjecting it to excessive shock.
2. Keep the gauge clean and free of dirt, grit and other foreign particles. Take special care in the pressure pad area which contains a high-pressure oil seal.
3. Inspect the gauge regularly for leaks around the pressure pad and at the vent hole. Recurring dampness may be an indication of oil seal damage.



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WARRANTY

The BURNDY® Force Gauge FORCEGAUGE12-15 is warranted to be free of defects in materials and workmanship for a period of 1 year, except in the case of abuse or modification.

Any BURNDY® Force Gauge found to be defective in material or workmanship and returned to the BURNDY® Tool Service Center within 1 year of shipment will be repaired or the tool will be replaced free of charge at the option of the BURNDY® Tool Service Center.

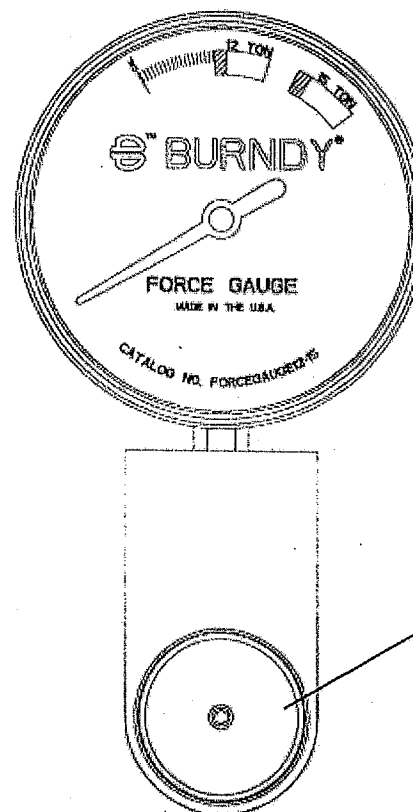
After 1 year, units will be repaired and billing will be based on a sliding scale according to how long the unit has been in service.

Any BURNDY® Force Gauge returned for repair must be shipped prepaid to the BURNDY® Service Center, 150 BURNDY Road, Littleton, NH 03561. On your packing slip indicate the nature of the repair required (or describe the problem) and the number of the purchase order requesting service. Please provide a contact name and phone number in the event we need to call you regarding the repair or service.

150 BURNDY Road
Attn: Tool Repair Center
Littleton, NH 03561
Telephone: 800-426-8720

Item No. 10112407
Reader Form No:
FORCEGAUGE12-15OMI
Rev. B

SAFETY	FORCE GAUGE
OPERATING &	
MAINTENANCE	CATALOG NO: FORCE- GAUGE12-15
INSTRUCTIONS	



USE WITH THE FOLLOWING
SERIES TOOLS:
Y35, Y750, BAT750, PAT750,
PAT46



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