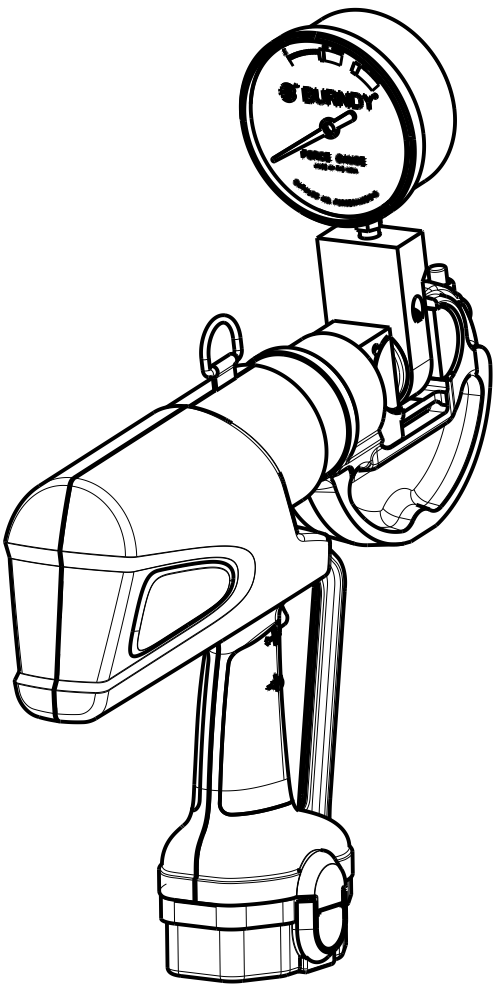
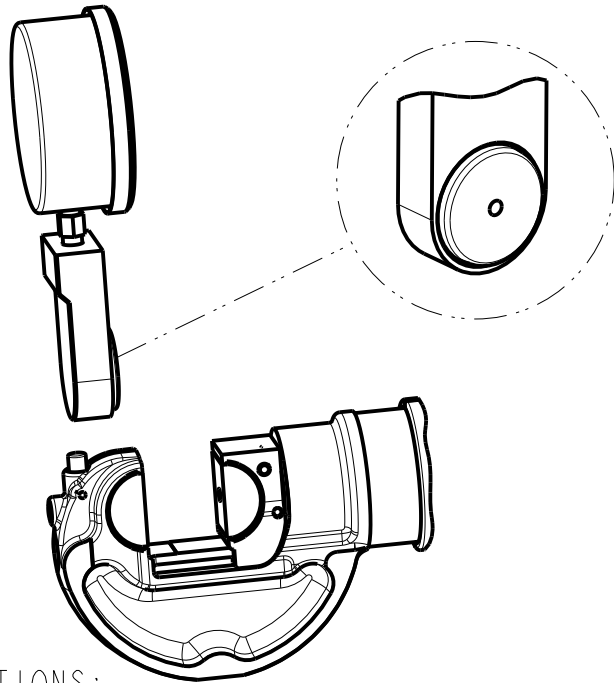




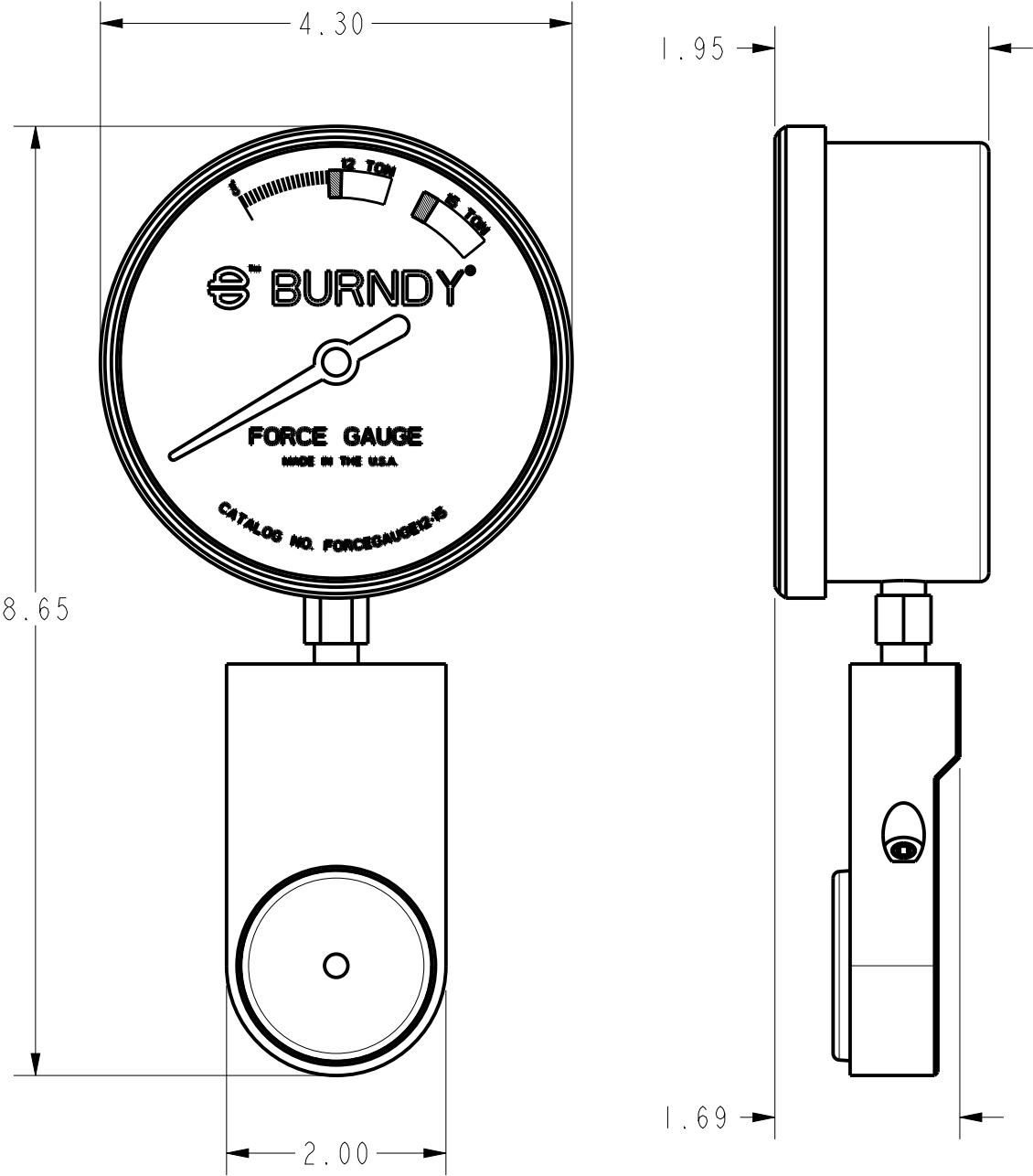
OPERATING INSTRUCTIONS:

1. BE CERTAIN THAT THE FORCE GAUGE IS CALIBRATED.
2. CLAMP HEAD OF TOOL IN A VISE.
3. INSERT BLANK U-DIES PT12831 INTO HEAD AND DIE HOLDER OF TOOL.
4. HOLD THE FORCE GAUGE BETWEEN THE DIES WITH THE PRESSURE PAD FACING THE OPERATOR (AS SHOWN ABOVE). 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 IT'S 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.

NOTES:

1. FORCE GAUGE IS SUPPLIED WITH TWO BLANK U-DIES PT12831, SAFETY, OPERATING AND MAINTENANCE INSTRUCTIONS FORM FORCEGAUGE12-150MI AND CASE PT10112371.
2. THIS INSTRUMENT IS NOT FIELD REPAIRABLE AND SHOULD BE RETURNED TO BURNDY FOR ANY NECESSARY REPAIRS.
3. PERIODIC CALIBRATION OF THE FORCE GAUGE IS RECOMMENDED. BURNDY OFFERS A RECALLIBRATION SERVICE.
4. FOR USE WITH THE FOLLOWING SERIES OF TOOLS: PAT46, PAT750, BAT750, Y750 AND Y35.

REV.	DATE	DESCRIPTION	ECO	BY	C'H'K.
D	07/01/2013 00:00:00 AM	REPLACE PT 10112406 WITH PT12831 IN NOTE 1	32060	TRF	MAC

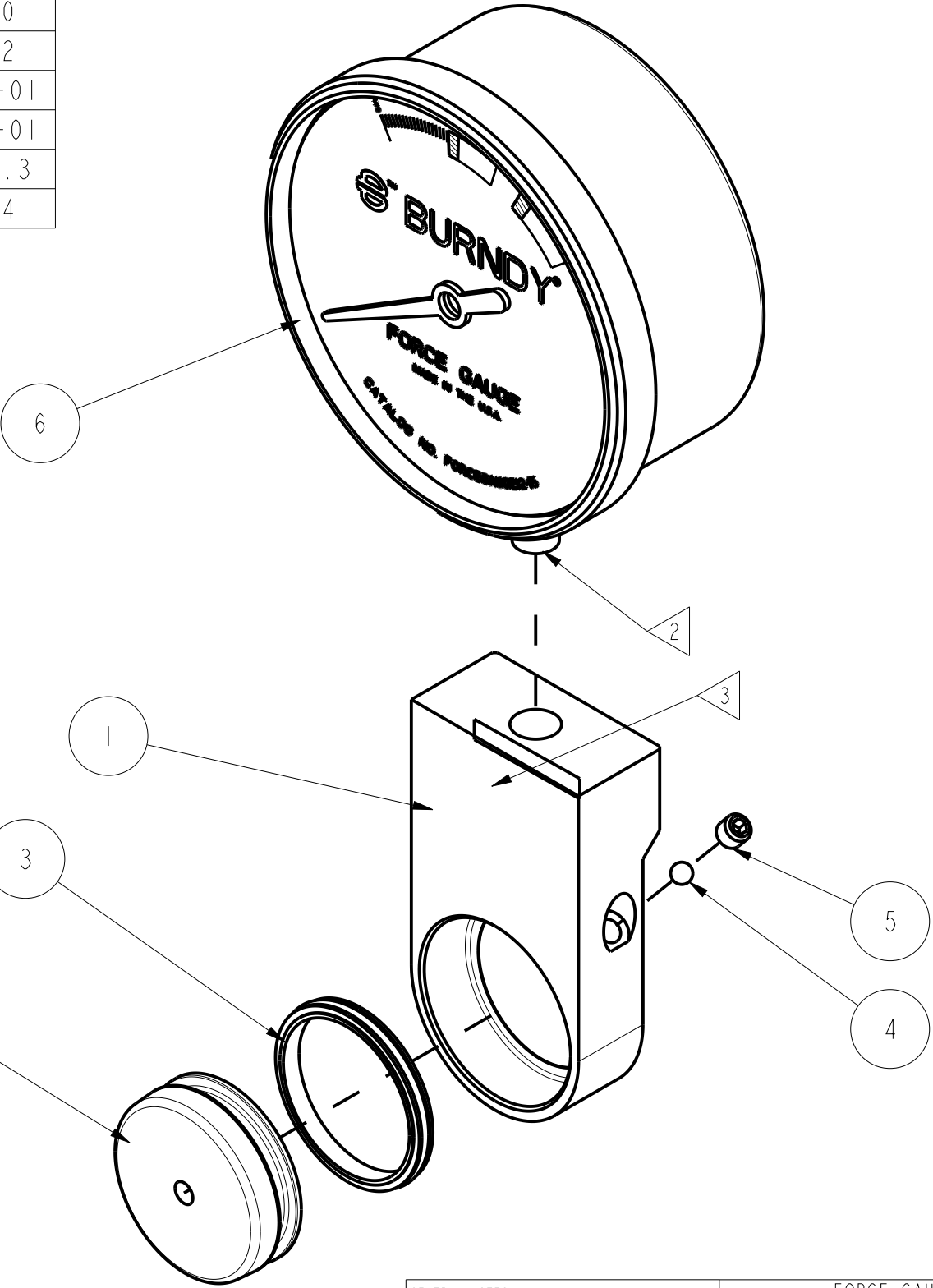
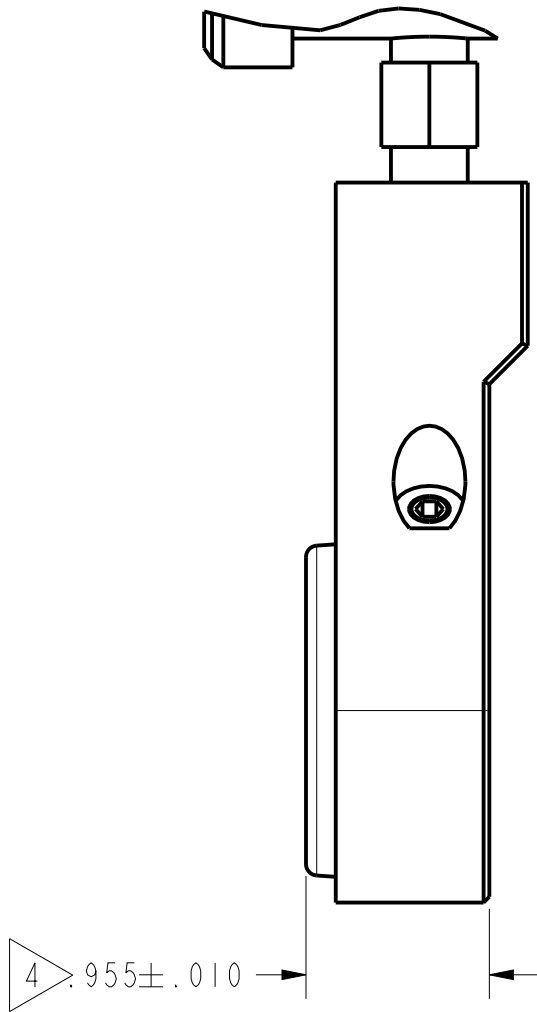


FOR TOOL SERVICE CENTER USE ONLY. DISTRIBUTION TO BE APPROVED BY BURNDY LITTLETON TOOL SERVICE CENTER.

GENERAL NOTES:				FORCE GAUGE 12-15 TON			
1. ALTHOUGH THIS DRAWING MAY ORIGINALLY HAVE BEEN DEVELOPED TO SCALE, THE USE OF ELECTRONIC DESIGN AND REPRODUCTION TECHNIQUES MAY RESULT IN THIS COPY NOT BEING TO SCALE. THEREFORE, DO NOT SCALE THIS PRINT. 2. THE DIMENSIONS, TOLERANCES AND SPECIFICATIONS OF THIS DESIGN ARE GIVEN TO PROVIDE A DEFINITION OF THE FUNCTIONAL REQUIREMENTS FOR THIS COMPONENT OR PRODUCT. ANY PART NOT MEETING THESE REQUIREMENTS SHALL BE CONSIDERED AS SCRAP. THIS DRAWING AND/OR SPECIFICATION IS THE PROPERTY OF BURNDY, MANCHESTER NH 03109 USA. IT IS ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, OR COPIED, OR DISCLOSED TO OTHERS, OR USED AS THE BASIS FOR THE MANUFACTURE OR SALES OF APPARATUS WITHOUT THE PERMISSION OF THE OWNER.				ITEM NO: 10112401			
				CAT. NO: DRAWASMP			
				DRAWN BY: T. FAUCHER 01/28/2010			
				CHECKER: M. CHIASSON 02/01/2010			
				DSN APPVL: M. CHIASSON 03/05/2010			
				MFG APPVL: S. GONYAW 03/05/2010			
				QA APPVL: J. BRODEUR 03/08/2010			
				MKT APPVL: R. ROBICHEAU 03/09/2010			
				SCALE: 1:2			
				PROD FAM: TOOLS, SERVICE			
				PROJECT #: 14902			
				DOCUMENT TYPE: Production			
				REL LEVEL: Released			
				SIZE: B			
				DRAWING NO: 10113343			
				SHEET 1 OF 3			
				REV: D			

*** BILL OF MATERIAL ***					
PT NO.	ITEM NUMBER	CATALOG NO.	QTY	DESCRIPTION	REFERENCE
1	10105399	GAUGE BODY	1	BODY, FORCE GAUGE	10105400
2	10105401	PRESSURE PAD	1	PISTON, FORCE GAUGE	10105402
3	418061	PT17396	1	PISTON T SEAL	PD080970-01
4	480163	BALL19	1	STEEL BALL	PC086068-01
5	022274	25FX25SHSS	1	25-28X.25LG SOC HD SET	ANSI B18.3
6	10105691	PT14710-2	1	GAUGE, FORCE	10105404

REV.	DATE	DESCRIPTION	ECO	BY	C'H'K.
D	07/01/2013 00:00:00 AM	REPLACE PT 10112406 WITH PT12831 IN NOTE 1	32060	TRF	MAC



NOTES:

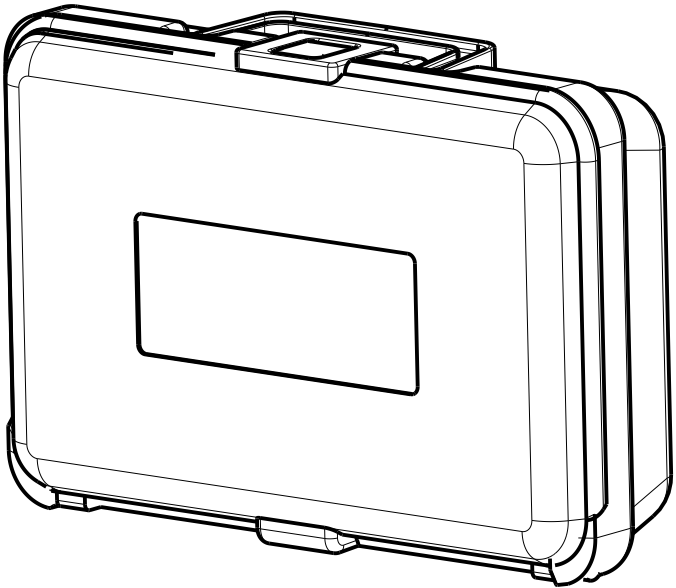
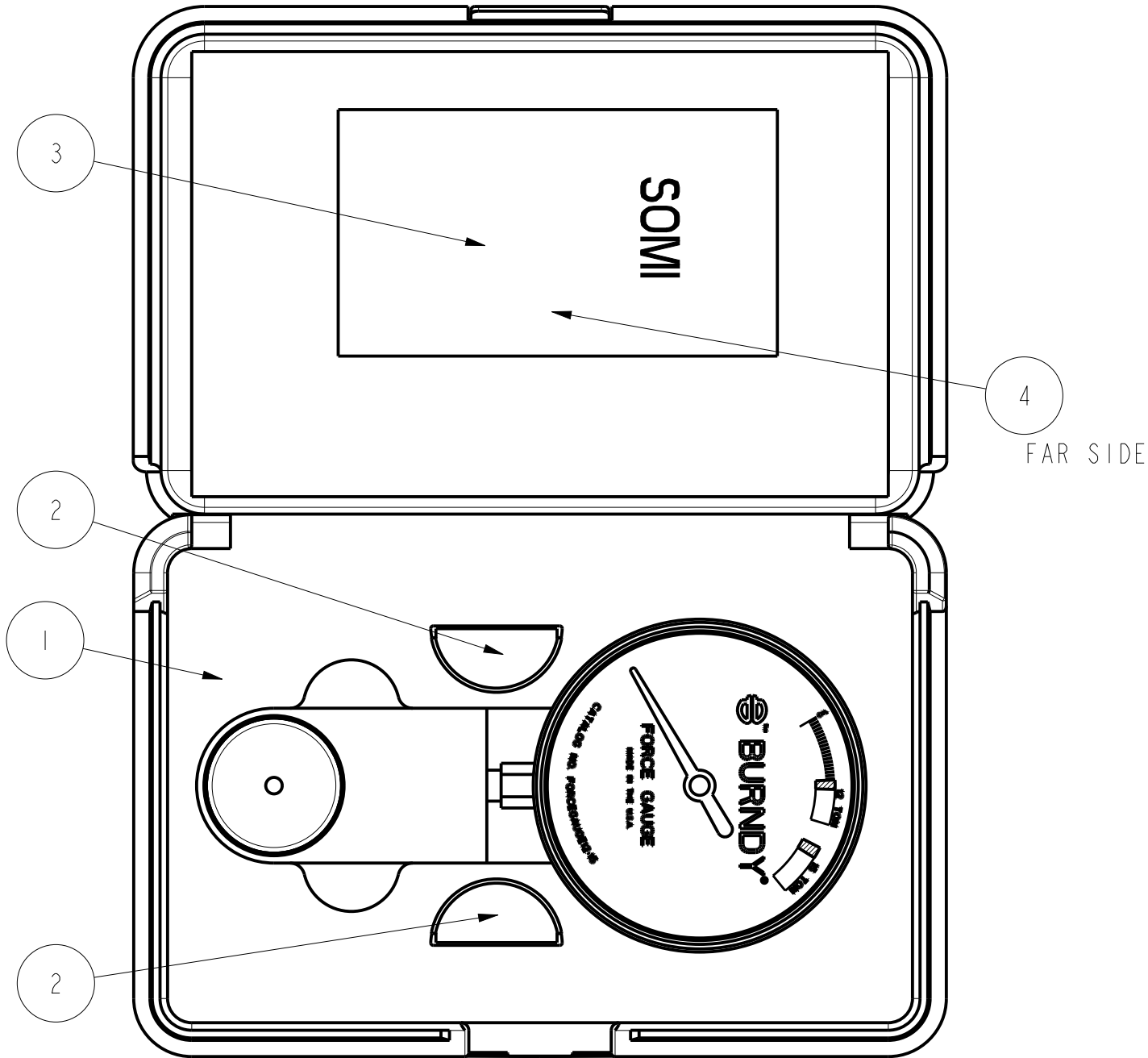
SCALE 1:1

- 1. THIS DRAWING TO BE INTERPRETED PER ASME Y14.5M-1994.
- 2. APPLY TEFLON TAPE TO FITTING OF GAUGE PRIOR TO ASSEMBLY.
- 3. MARK GAUGE WITH SERIAL NUMBER IN LOCATION SHOWN.
- 4. FINAL DIMENSION AFTER GAUGE HAS BEEN FILLED WITH OIL.
- 5. APPLY 18,500 LBS ±50 LBS TO PRESSURE PAD VERIFYING NEEDLE ALIGNS WITH CALIBRATION LINE. ADJUST NEEDLE AS REQUIRED TO ENSURE PROPER CALIBRATION.

GENERAL NOTES:		FORCE GAUGE 12-15 TON	
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2. THE DIMENSIONS, TOLERANCES AND SPECIFICATIONS OF THIS DESIGN ARE GIVEN TO PROVIDE A DEFINITION OF THE FUNCTIONAL REQUIREMENTS FOR THIS COMPONENT OR PRODUCT. ANY PART NOT MEETING THESE REQUIREMENTS SHALL BE CONSIDERED AS SCRAP.		CAT. NO: FORCEGAUGE12-15	
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		CHECKER: M. CHIASSON 02/01/2010	
		DSN APPVL: M. CHIASSON 03/05/2010	
		MFG APPVL: S. GONYAW 03/05/2010	
		QA APPVL: J. BRODEUR 03/08/2010	
		MKT APPVL: R. ROBICHEAU 03/09/2010	
		SCALE: 1:2	
		PROD FAM: TOOLS, SERVICE	DRAWING NO
		PROJECT #: 14902	REV
		DOCUMENT TYPE: Production	10113343
		REL LEVEL: Released	D

*** BILL OF MATERIAL ***					
PT NO.	ITEM NUMBER	CATALOG NO.	QTY	DESCRIPTION	REFERENCE
1	10112370	PT10112371	1	CASE, FORCE GAUGE 12-15 TON	10112371
2	420133	PT12831	2	DIE BLANK, FORCE GAUGE	PA079499-01
3	10112407	FORCEGAUGE12-150MI	1	SOMI, FORCE GAUGE 12-15	--
4	10112749	PT10112750	1	LABEL, FORCE GAUGE 12-15 TON	10112750

REV.	DATE	DESCRIPTION	ECO	BY	C'H'K.
D	07/01/2013 00:00:00 AM	REPLACE PT 10112406 WITH PT12831 IN NOTE 1	32060	TRF	MAC



GENERAL NOTES:		FORCE GAUGE 12-15 TON	
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		SCALE: 1:2	
		PROD FAM: TOOLS, SERVICE	DRAWING NO
		PROJECT #: 14902	10113343
		DOCUMENT TYPE: Production	REV
		REL LEVEL: Released	D