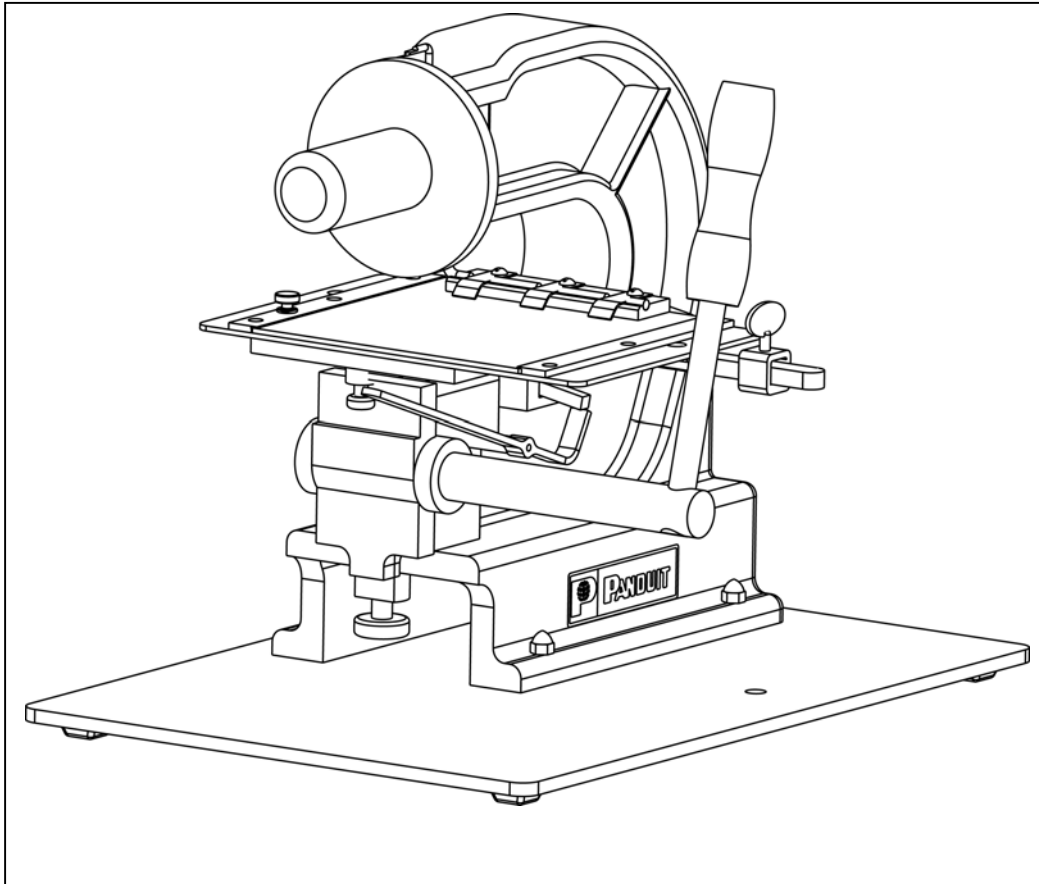


METAL INDENTING MACHINE OPERATION MANUAL

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The *PANDUIT* Metal Indenting Machine is a manually operated device to stamp desired legends into *PANDUIT* marker plates or tags, and *PANDUIT PAN-STEEL* stainless steel cable ties or strapping.



MIM – Metal Indenting Machine

- MIM094 - Indenting Machine with 3/32" (2.38mm) character wheel
- MIM125 - Indenting Machine with 1/8" (3.18mm) character wheel
- MIM187 - Indenting Machine with 3/16" (4.77mm) character wheel

MIW – Metal Intending Wheels

- MIW094 - 3/32" (2.38mm) character wheel kit
- MIW125 - 1/8" (3.18mm) character wheel kit
- MIW187 - 3/16" (4.77mm) character wheel kit

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SECTION 1: SPECIFICATIONS

Dimensions	
Height:	12" (305mm)
Width:	10" (254mm)
Depth:	18" (457mm)
Weight:	41 lbs. (18.6kg)

SECTION 2: UNCRATING PROCEDURE

1. Remove the cardboard liner in the shipping container.
2. The Metal Indenting Machine may now be removed directly upward.



The press weighs 41 pounds (18.6kg) and should be lifted with caution.

3. The aluminum base attached to the press should remain attached. The base will allow for added stability and will not restrict handle travel.
4. Place the press on a stable work surface to avoid accidental upset.
5. Any shipping damage to the press must be reported immediately to the common carrier and to *PANDUIT*.

NOTE: *In the interest of higher quality and value, we are constantly improving and updating our products. Consequently, pictures in this manual may sometimes vary from the product enclosed.*

FIGURE 1

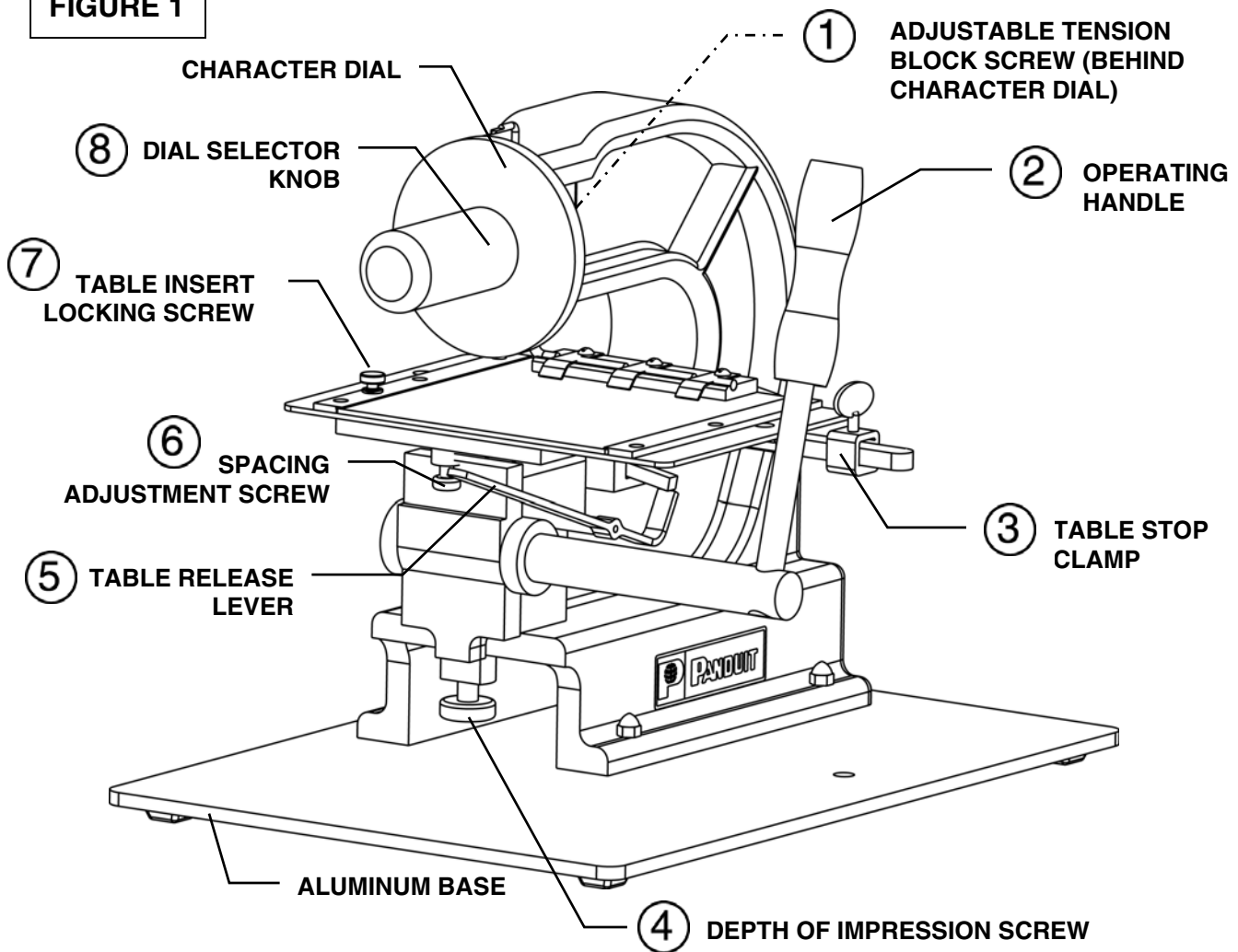
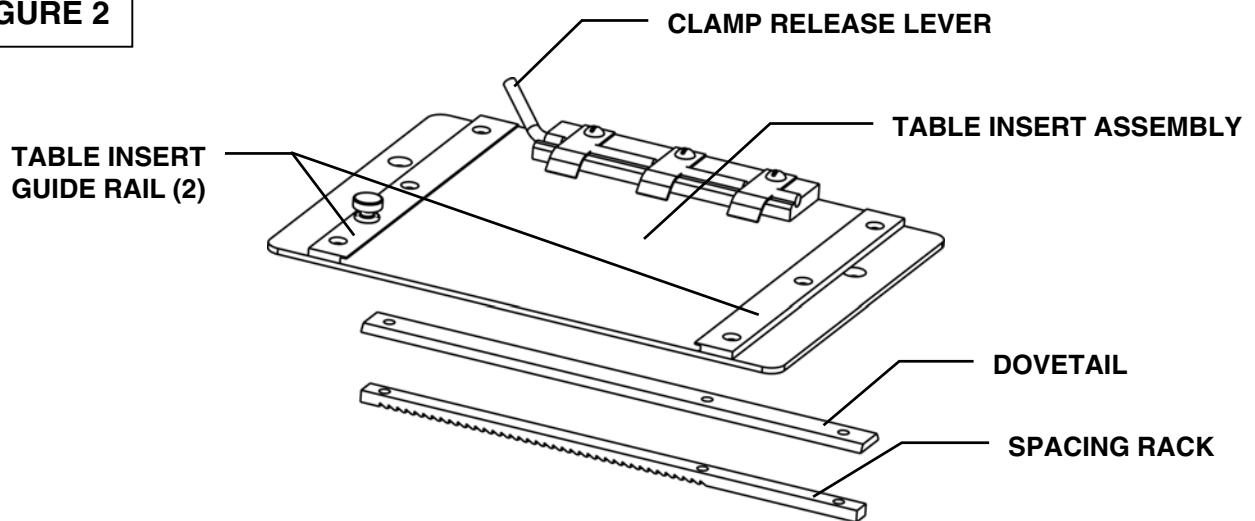


FIGURE 2



SECTION 3: FUNCTION OF CONTROLS *(Refer to Figure 1 on Page 3)*

1. **ADJUSTABLE TENSION BLOCK SCREW** – By turning the brass screw, the tension on the dial can be adjusted. If the tension is too light, it may not allow the dial to seat properly; and will make the dial difficult to move.
2. **OPERATING HANDLE** – The operating handle, when depressed, moves the table up and down.
3. **TABLE STOP CLAMP** – The stop limits the right hand travel of the table, which controls the left margin.
4. **DEPTH OF IMPRESSION SCREW** – The depth of impression adjustment screw limits the upward travel of the table. Turning the screw outward (clockwise), will allow the table to move further upward.
5. **TABLE RELEASE LEVER** – By depressing this handle, the table can be manually moved to the right margin stop.
6. **SPACING ADJUSTMENT SCREW** –The screw has a jam nut, which must loosen for adjustment. This screw limits the downward travel of the table. Turning the screw inward (upward) will allow the table to move further downward. By adjusting the downward limit of the table travel, letter spacing can be controlled.

Note: Before adjustment, the machine may single space, fail to space, or create multiple spaces. For each different character size or if material thickness changes, an adjustment may need to be made. During adjustment, make sure the handle is returned to the full upright position.

7. **TABLE INSERT LOCKING SCREW** – This screw secures the table insert. After loosening the screw, the insert can be moved backwards and forwards. Engraved markings on the left hand edge of the insert are provided for reference purposes. Each increment measures 1/16". An arrow index is stamped on the left hand side.
8. **DIAL SELECTOR KNOB** – The dial selector knob positions the character to be stamped. A pointer, fastened to the top of the casting above the dial, points to the character selected.

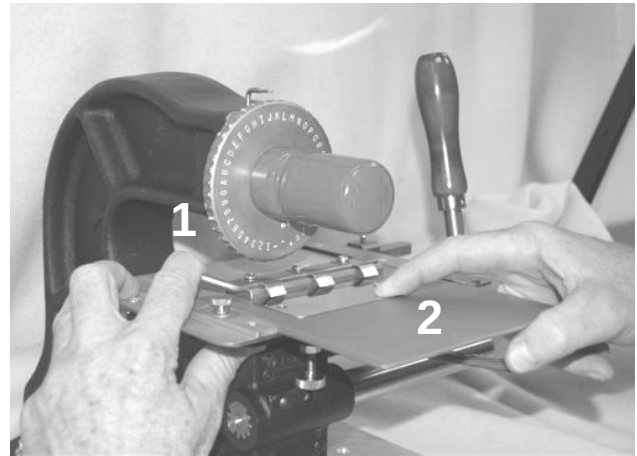


Caution: Be careful not to accidentally stamp the table. KEEP HANDS CLEAR OF THE TABLE. Each time the handle is depressed, a character is stamped and the table moves one space to the left. Moving the handle a half stroke and back up, will advance the table without stamping a character. It is important to make sure the handle is returned to its full up-right position, otherwise the table will not space properly.

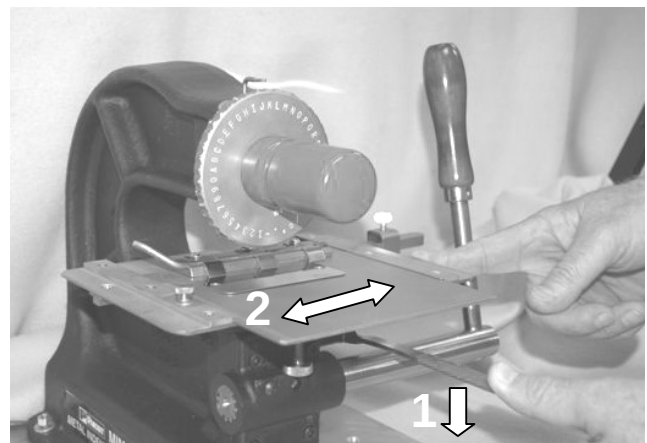
SECTION 4: ADJUSTMENTS FOR STAMPING

Place the material to be stamped on the table and secure it with the table clamps.

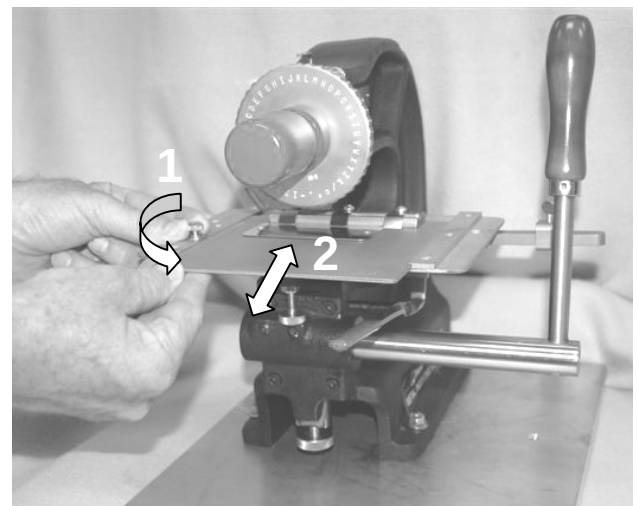
NOTE: If a piece of scrap material is to be used for set-up, make sure it is the same thickness of the actual material to be stamped.



To center the table:



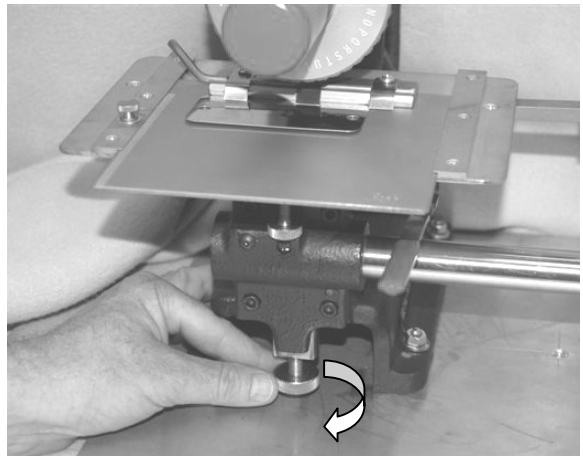
To move the table forward or backward:



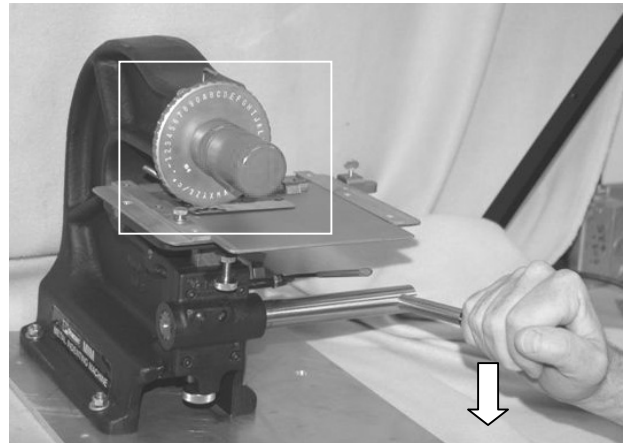
SECTION 4: ADJUSTMENTS FOR STAMPING (continued)

To set depth of impression:

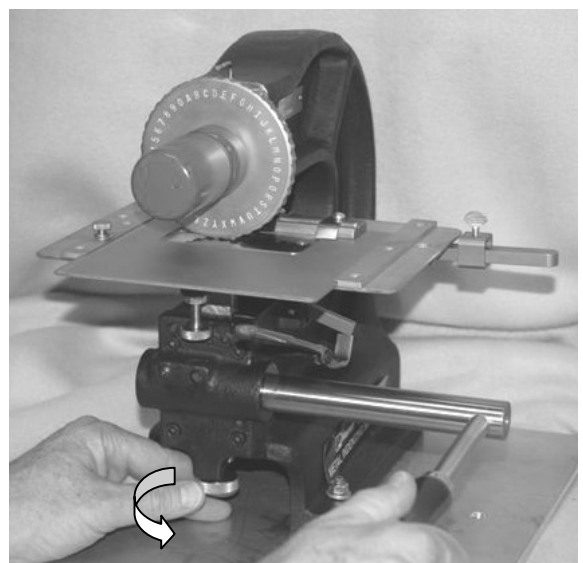
Turn depth of impression screw outward (clockwise) a minimum of 6 full turns.



Depress handle fully, making sure dial lightly touches material to be stamped.



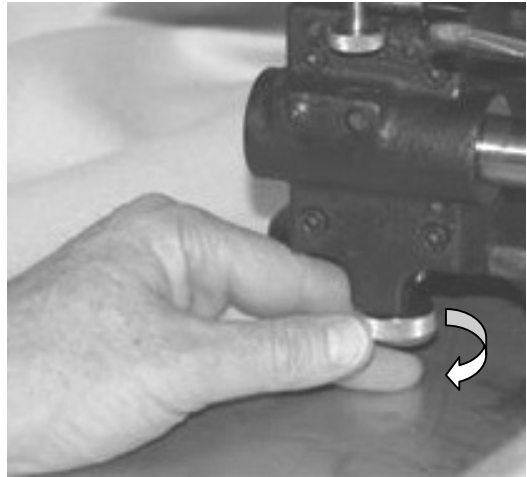
While holding handle down completely, turn screw inward (counter-clockwise) until it stops.



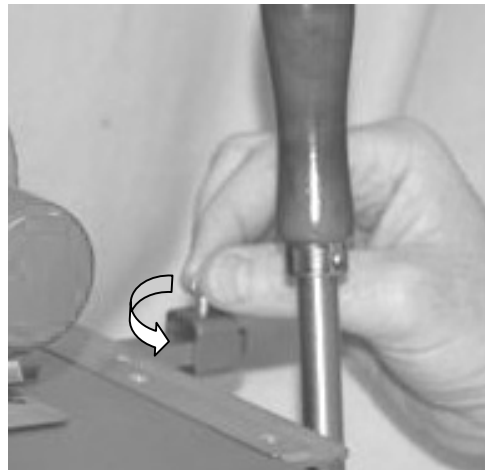
SECTION 4: ADJUSTMENTS FOR STAMPING (continued)

Turn the screw one full turn outward (clockwise) and stamp the character.

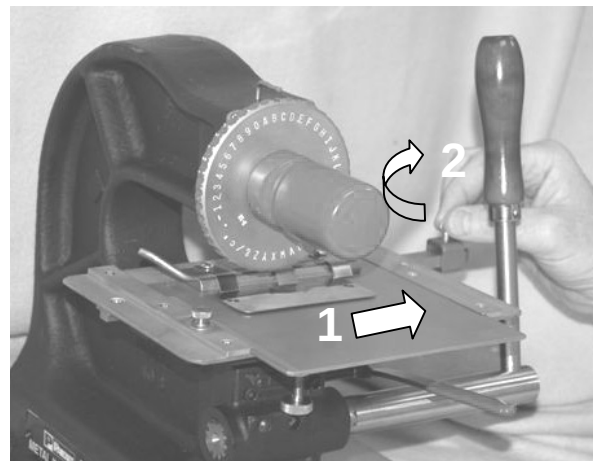
(The screw can be adjusted until the preferred impression depth is obtained.)



To set the table stop:



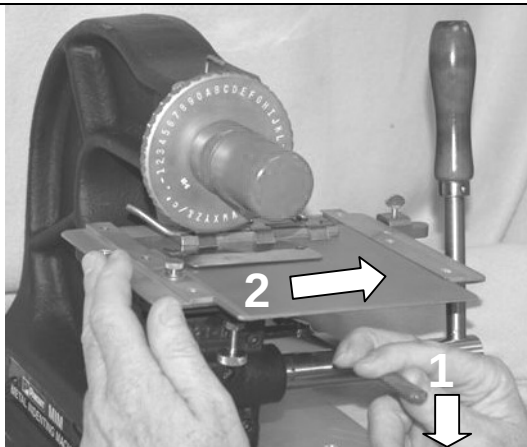
Slide the stop to the right hand end of the stop bar and tighten the thumbscrew.



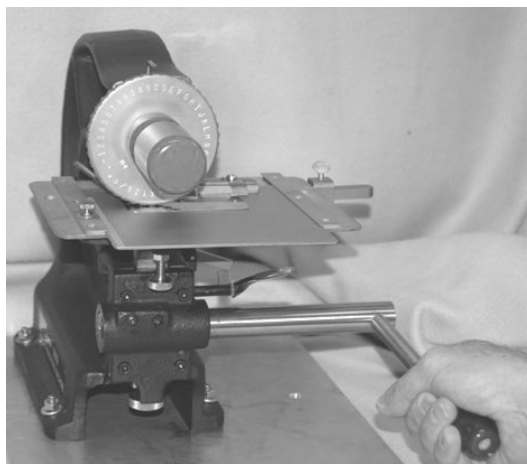
SECTION 4: ADJUSTMENTS FOR STAMPING (continued)

Depress the table release lever. Slide the table until the character wheel is to the desired starting location.

NOTE: Be careful that the dial does not hit table clamps.

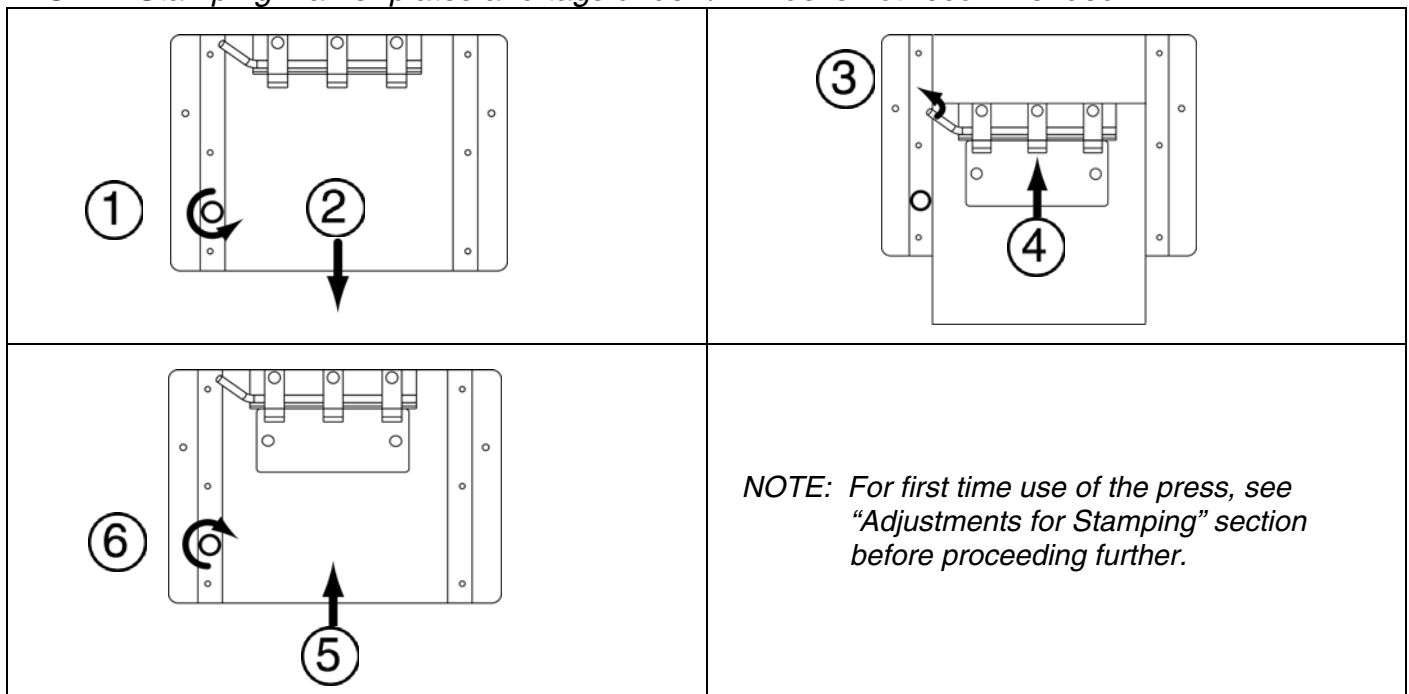


Operate the press.



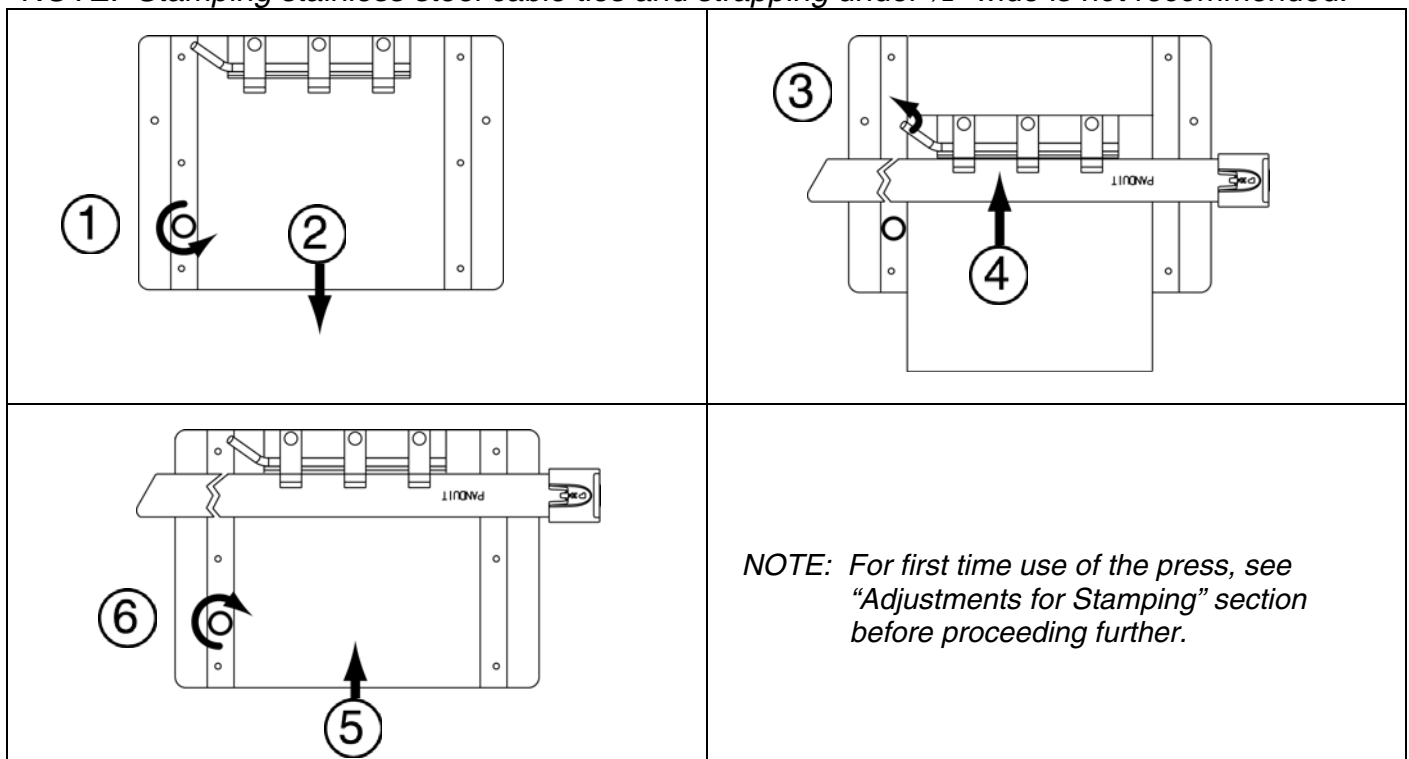
SECTION 5: TO STAMP MMP SERIES MARKER PLATES AND MT SERIES TAGS

NOTE: Stamping marker plates and tags under ½" wide is not recommended.

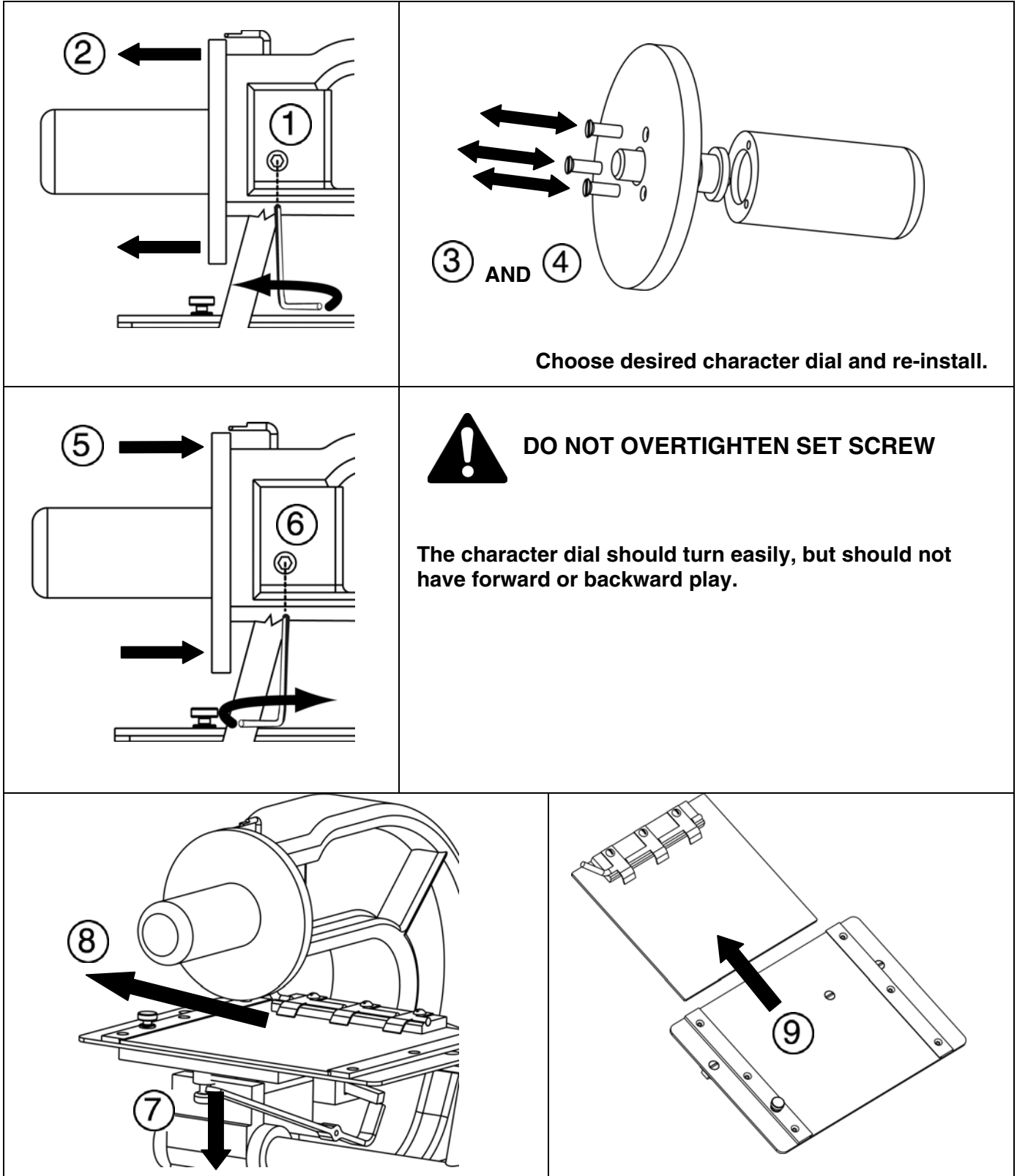


SECTION 6: TO STAMP PAN-STEEL EH & SH STAINLESS STEEL CABLE TIES AND MS SERIES STRAPPING

NOTE: Stamping stainless steel cable ties and strapping under ½" wide is not recommended.

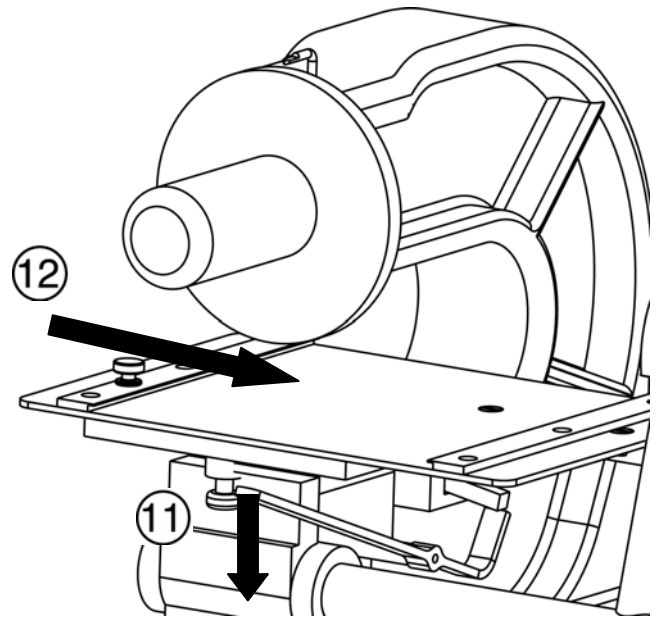
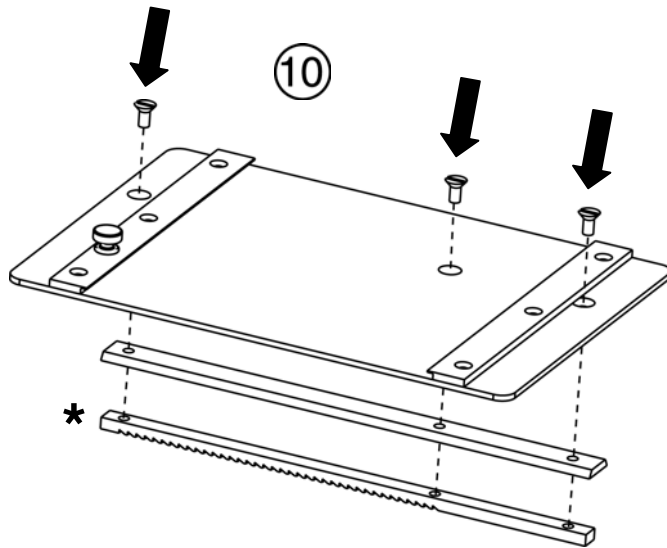


SECTION 7: CHANGING CHARACTER DIAL, SPACING RACK REMOVAL / INSTALLATION

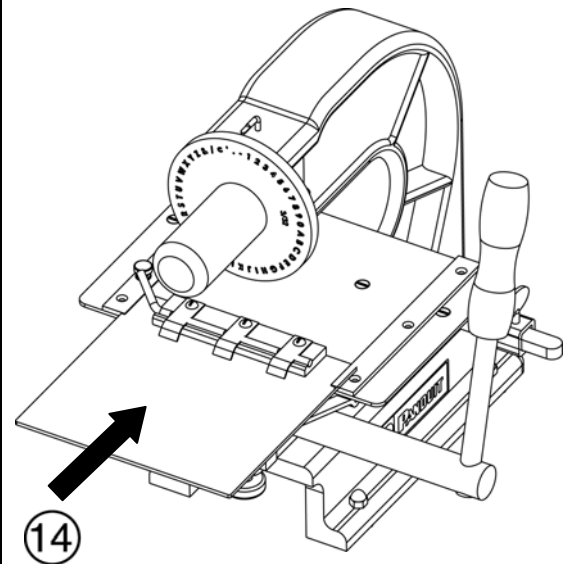
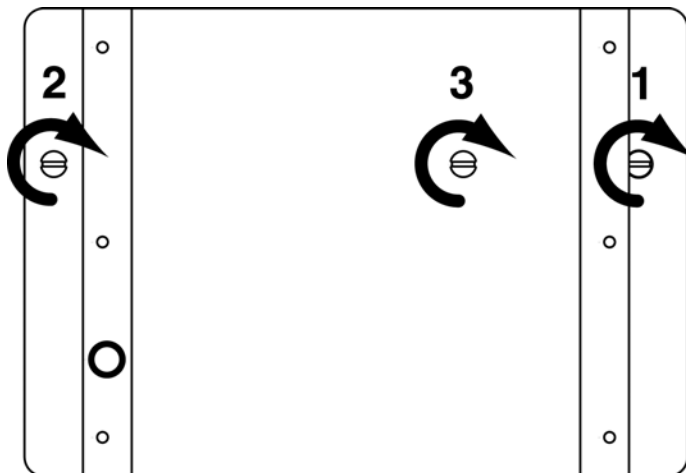


SECTION 7: CHANGING CHARACTER DIAL, SPACING RACK REMOVAL / INSTALLATION (continued)

* Select the mating rack for the installed character dial. Slightly tighten screws.



13 Tighten screws securely, in order (after table is placed back onto press).

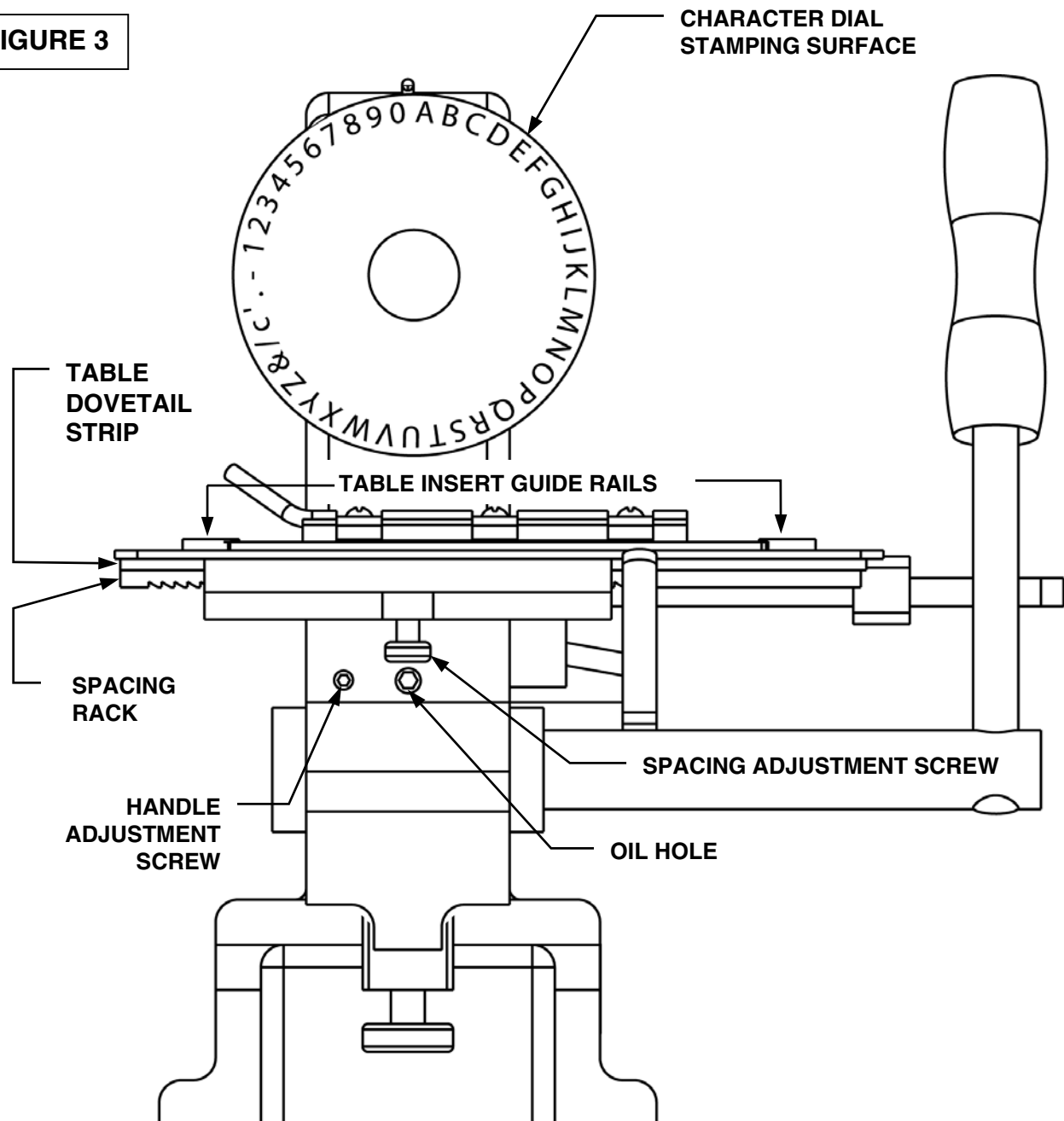


Resume operation.

SECTION 8: LUBRICATION AND MAINTENANCE

1. A few drops of light oil should be applied to oil hole if handle motion seems tight. Lubricate once a day if used continuously.

FIGURE 3



2. Lubricate the rear character dial surface, the table insert guides and the table dovetail strip **with a dry lubricant (graphite type). Do not use oil.**

SECTION 9: CONTACT INFORMATION • For Technical Support:

PANDUIT USA, Tinley Park, IL
USA Tel: 888-506-5400, ext. 3255 • Fax: 630-759-7532
Website: www.panduit.com • E-mail: cs@panduit.com

PANDUIT Latino America, Guadalajara, Jalisco, Mexico
Latino America Tel.: 52 (333) 666 2501 • Fax.: 52 (333) 666 2510
Website: www.panduit.com • E-mail: cs-la@panduit.com

PANDUIT Europe, EMEA Headquarters
West World, Westgate, London
England Tel: 44 208 601 7200 • Fax: 44 208 601 7209
Website: www.panduit.com/emea • E-mail: cs-emea@panduit.com
Deutsch Tel: 069 9509 6129 • Fax: 069 9509 6130
Français Tel: 01 4191 8572 • Fax: 01 4191 8573
Spain Tel: 91 377 8107 • Fax: 91 377 8108

PANDUIT Australia, Melbourne (Head Office)
Dandenong, VIC
Aus. Tel: 1-800-PANDUIT / 1-800-726-384 • Fax: 1-800-637-889
Email: cs-aus@panduit.com

PANDUIT United Arab Emmerites
Dubai Internet City, Dubai
Tel: +971 4 3625435 /6 • Fax: +971 4 3908830
E-mail: cs-uae@panduit.com

PANDUIT China, Beijing
Xuanwumen Xidajie Xicheng District
Beijing, China
Tel: 8610 6641 0371 • Fax: 8610 6641 0375
Toll Free Customer Service - North China: 10800 6500 211 • South China: 10800 2650 211
E-mail: cs-ap@panduit.com

PANDUIT Singapore – Sales Office
Singapore, Republic of Singapore
Tel: 65 6379 6700 • Fax: 65 6379 6759
E-mail: cs-ap@panduit.com