



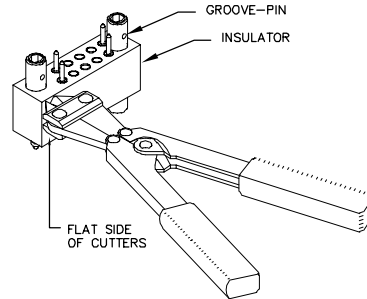
AirBorn, Inc.  
Product Technical Bulletin

REMOVING GROOVE-PIN STYLE HARDWARE

Following are directions for two different methods for removing groove-pin style hardware.

OPTION 1

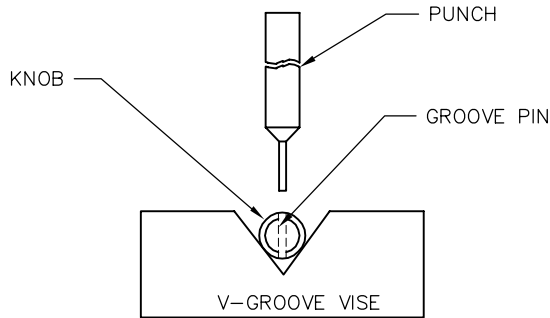
- Cut out with bolt-cutter, AirBorn P/N 12554, McMaster-Carr P/N 7119A12. Remove knob and jackscrew. The use of safety glasses is recommended as well as covering the knob with a shop towel to avoid injury.
- Cut must be made between the groove pin and the insulator.



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OPTION 2

- Fixture the knob in a V-groove vise with the groove pin as shown below.
- Knock the groove pin out using an  $\phi.030 (+.000/-0.005)$  gage pin or punch and a small hammer. Tap the punch lightly to gradually ease the pin out. If the punch is hit too hard, the groove pin may swedge, or balloon, locking it into position.



NOTE: AIRBORNE WOULD NOT RECOMMEND DRILLING THE PART UNLESS JACKSCREW IS HELD ABSOLUTELY RIGID. IF THE JACKSCREW ROTATES, IT WILL "BURN" THROUGH THE SQUARE IN THE MOLDING.

RELATED PROCEDURES		NOTICE: ALL INFORMATION DISCLOSED BY THIS DOCUMENT IS CONSIDERED CONFIDENTIAL AND PROPRIETARY BY AIRBORNE INC. ALL DESIGN, USE, MANUFACTURE, REPRODUCTION AND SALES RIGHTS ARE RESERVED BY AIRBORNE INCORPORATED.				DR. <i>hcy</i> 092095	<b>AirBorn, Inc.</b> ADDISON, TEXAS	CAGE CODE
PTB11						CK. <i>DH</i> 100695		10400
	C	ECN 93061	<i>caw</i>	<i>DH</i>	012308	ENGR. <i>DH</i> 100695	TITLE REMOVING GROOVE-PIN STYLE HARDWARE	REV. SHEET
	B	ECN 37967	<i>caw</i>	<i>DH</i>	021105	MFG. <i>PR</i> 101995		
	A	ECN 6286	<i>hcy</i>	<i>DH</i>	100695	QA		
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