Advanced Model ABE700 Film I.D. Perforator

Our Advanced Model ABE700 Perforator is designed specifically to perforate X-ray film. Our fast convenient electric power drive design provides smooth clear results. Three models are available as listed below offering variable date, 6 digit numbering or both. One year warranty includes parts and labor.

N-790	Date Only
N-791	Numbering Only
N-792	Date & Number
Units for European electrical standard (220V, 50Mhz).	
N-793	Date Only
N-794	Numbering Only
N-795	Date & Number
Units for European electrical with European date format.	
N-796	Date Only
N-797	Date & Number

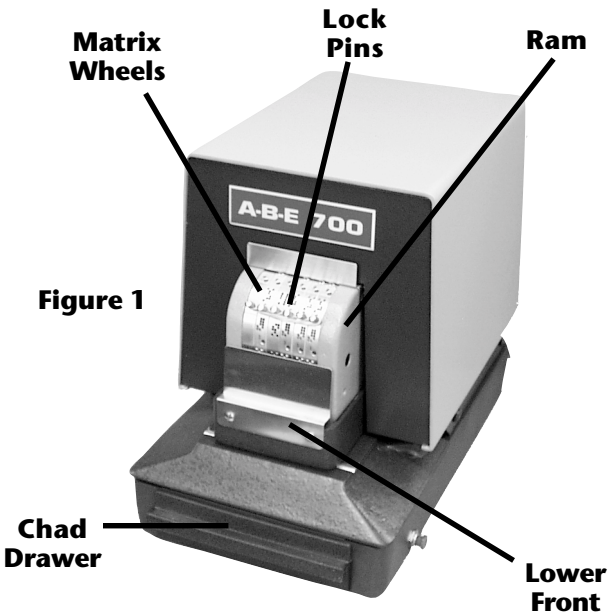

Figure 1

OPERATION

1. Electrical Requirements

After placing the perforator on a firm platform, plug the line cord into a 120 volt, 60 Hz, single phase grounded outlet. When operated, the 700 will draw up to 10 amperes (1150 watts). It draws no current when it is idle.

2. Number Wheel Setting

Lock pins hold the matrix wheels in proper relationship with the punch pins for perforating. The number or letter punched is the same as the one stamped on the wheel adjacent to the lock pin. To reset a wheel, lift the lock pin from its lock slot but not out of the hole. Using the pin as a lever, rotate the wheel to the next position; lift the pin out of the hole and insert it into the new hole at the pin's original location. If necessary, repeat this operation to obtain the desired character.

3. Operation

Perforators equipped with the “speed trip” feature require only the insertion of document(s) into the throat of the perforator to actuate the trigger switch, starting a single perforation cycle.
Perforators equipped with guides for positioning documents in a precise location have a “red finger trip” switch located at the right side of the base.

4. Document Capacity

The throat opening is designed to accept only as many documents as the Model 700 is capable of perforating. The number of documents should be limited to that which can be inserted easily into the throat. Care must be taken to avoid the insertion of metal objects, such as staples and paper clips, to prevent damage to the punches and die.

5. Interchangeable Keys

If your perforator has provision for interchangeable inscription keys, they are inserted at the right side of the ram. When a key has been changed, determine that the new key is fully inserted prior to operation.

6. Lock

Some models are equipped with an electric lock at the left side which must be switched on in order to operate the perforator.

MAINTENANCE

1. Chad Drawer. A drawer is provided at the lower front of the Model 700 to collect the perforated waste. This drawer must be emptied periodically to avoid overflow and jamming of the mechanism.

2. Lubrication. No periodic lubrication is required. The gear box is already lubricated with a specially blended lubricant. The ball bearings in the motor are pre-packed with grease and have double seals.

3. Die Wear. The condition of the punches and die can be determined by examining the quality of the perforated holes made in a single sheet of paper. Poorly cut edges indicate damaged or worn punches and/or die. This causes the driving mechanism to be overloaded which may result in damage to other components. To avoid additional damage, remove the die block and return it to AADCO for reconditioning.

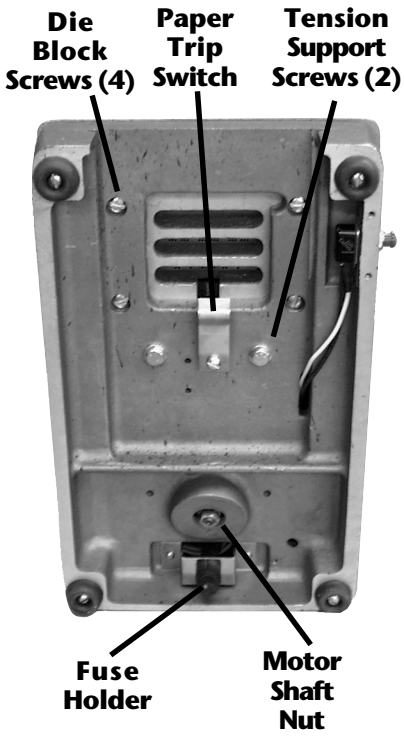

Figure 2

3.1 Die Block removal

3.1.1. Disconnect the line cord from the electrical outlet.
3.1.2. Remove the chad drawer.
3.1.3. Remove the lower front metal guard.
3.1.4. Turn the perforator upside down and rest it on the cover.
3.1.5. (See Figure 2.) Remove the 4 die block screws and the two tension support screws.
3.1.6. Return the perforator to the upright position.
3.1.7. Remove the complete die block unit by pulling straight out.

3.2 Die Block Replacement

The die block is replaced by reversing the order used for removal. Note: The punch lifter plate must be lifted as high as possible and the tongues at each side of the lifter plate must be set into the mating grooves in the ram.

3.3 Spare Die Block

Perforators with "standard" width dies, built since January, 1976, have interchangeable die blocks. To reduce the down time of having a die block reconditioned, an exchange die block can be purchased from the factory. Down time can be further minimized by the advance purchase of a spare die block.

4. Trouble Shooting a Failure to Operate

4.1. Verify that power is available at the outlet.
CAUTION: Remove the line cord from the electrical outlet before performing any service on this equipment.

4.2. If power is available at the outlet, check the following: (See Figure 2.)

4.2.1. Fuse—Push in and rotate the fuse holder cap to remove fuse.

4.2.2. Paper Trip Switch—Clean the switch area free of waste and any other foreign particles.

4.2.3. Mechanical Jam—Turn the hex head nut, at the end of the motor shaft, in a clockwise direction one full cycle of operation to determine freedom of motion in the drive mechanism.

4.2.4. Clear the die of all obstructions. Inspect for broken punches.

All ABE700 Perforators are guaranteed for one year against defective material or workmanship. Any difficulty encountered during the one year guarantee period due to defective material or workmanship will be corrected without charge if the perforator is shipped to our factory prepaid.