

ALPHA 411

Safety Shield Adjustment

By following this procedure properly you will insure the smooth vertical motion of the Alpha 411 safety shield.

Note: This procedure applies to safety shields equipped with the Bosch, Festo, and the SMC cylinders.

1. Raise the shield to the full upright position using the button located in front of Press side 2.
2. Adjust set screws labeled number 1 in Figure A & B. Close each set screw clockwise until it comes to a stop. Next, turn each set screw one half turn counter clockwise.
3. Bring the safety shield down and observe the movement adjusting set screws labeled 1 in figure A & B as necessary.
4. To adjust the desired speed use the flow control labeled number 2 in figure A. Once the safety shield goes down all the way without hitting hard.
5. Then proceed to adjust the sensitivity by way of the set screw labeled 3 in figure B. You can test the sensitivity by placing your hand on the bottom of the shield and then bring the shield down. If the shield does not go back up when it encounters resistance from your hand you will need to adjust the sensitivity. Turning the set screw clockwise will increase the sensitivity and turning it counter clockwise will decrease the sensitivity. Adjust the shield so that it will go back up with minimal amount of pressure on your hand.
6. If bouncing occurs while shield is moving in either position adjust the set screws labeled number 1 in Figure A & B . Adjusting in a clockwise motion will increase the cushion on the cylinder and turning the screw counter clockwise will lessen the cushion of the cylinder. Adjust set screw as needed.

Note: These internal cushions are set at the factory and should only be adjusted if need be.

Safety Shield Adjustment

Top of Bosch Cylinder

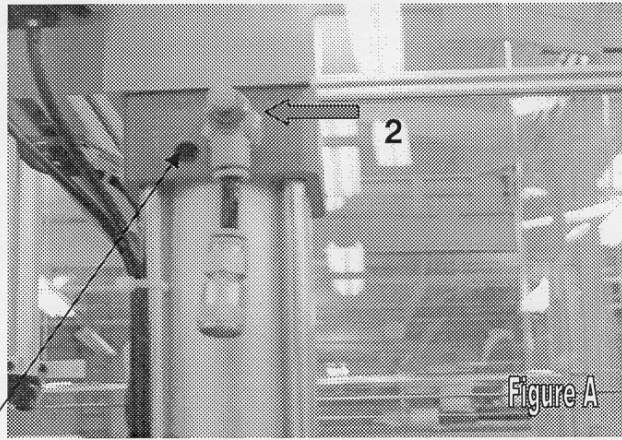


Figure A

Bottom of Bosch Cylinder

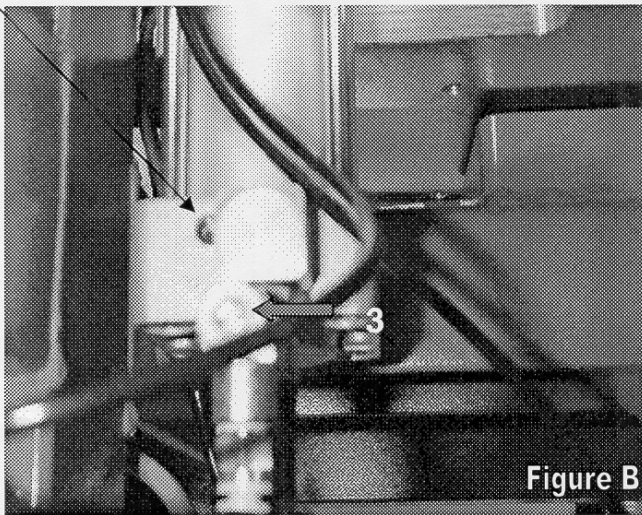


Figure B

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