

Technical Bulletin 47

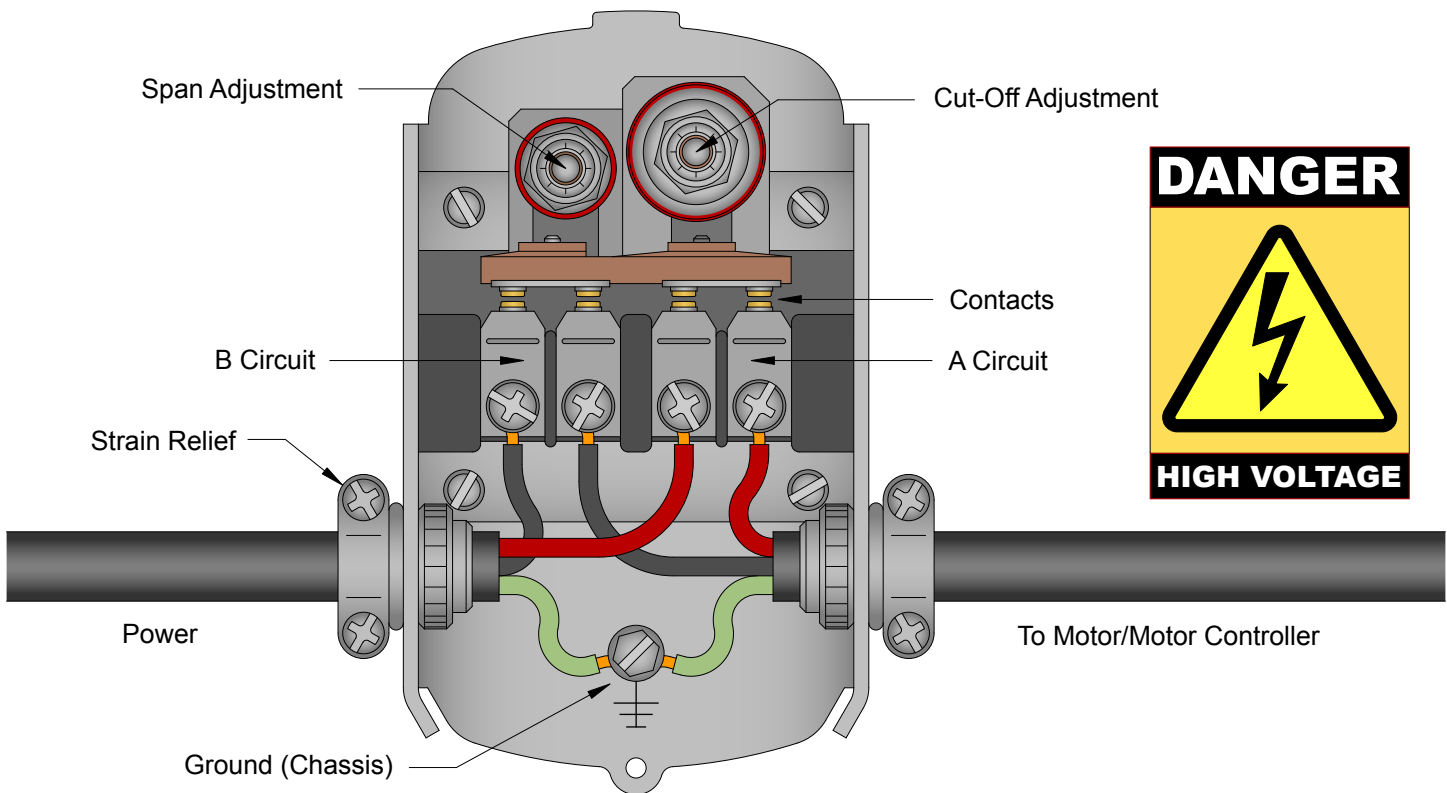
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Adjusting The Pressure Switch

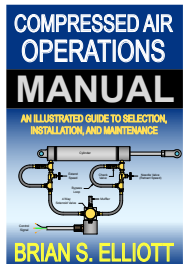
by Brian S. Elliott

Adjusting the pressure switch on your air compressor isn't nearly as difficult as some would believe. In every case it's best to download the adjustment instructions of the switch manufacturer. In most cases a pressure switch is equipped with two adjustments, the cut off pressure and the span pressure. The cut off pressure dictates the pressure that the compressor turns off. The span is the pressure differential that dictates the point the compressor turns back on..

1. Turn Off Compressor
2. Vent Tank to 50 PSI
3. Rotate "Cut Off Adjustment" CCW
4. Turn On Compressor
5. Slowly Rotate "Cut Off Adjustment" CW Until Desired Pressure is Reached.
6. Rotate "Span Adjustment" CCW
7. Vent Tank Until Compressor Turns On and Make a Note of the Turn-On Pressure.
8. Slowly Rotate the "Span Adjustment" until the Desired Turn-On Pressure is Reached.



Comprehensive information on compressed air systems is provided in the book "Compressed Air Operations Manual" by Brian S. Elliott, ISBN: 0-07-147526-5 Published by the McGraw-Hill Book Co.



Air Options, Inc.
P.O. Box 35984
Houston, Texas 77235-5984
Ph.: 713-721-9619
E-Mail: Info@Air-Options.com

www.Air-Options.com

AIR-OPTIONS, INC.

Advanced Technologies for Compressed Air