

# Installation Instructions

Original Instructions



**Allen-Bradley**

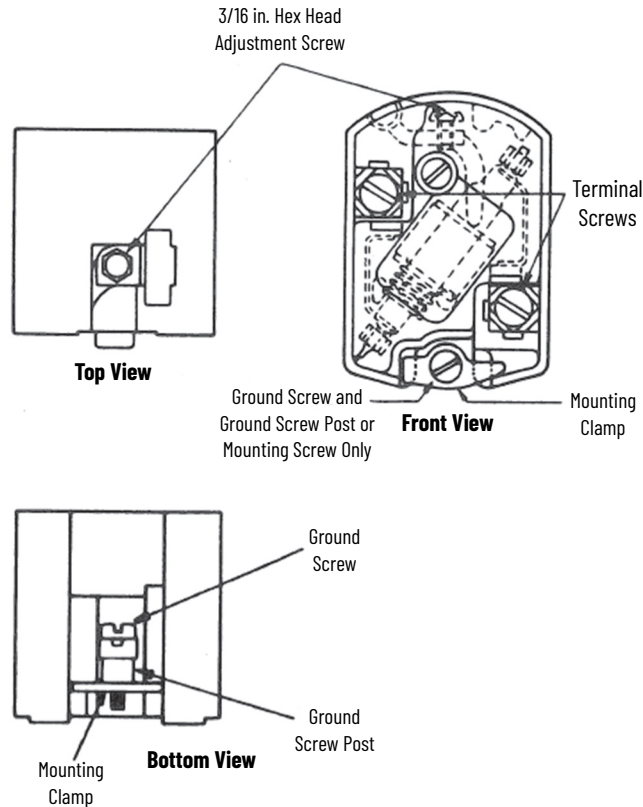
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## Contact Kit

Bulletin Number 802R

This contact kit includes a replacement contact unit along with a mounting clamp, ground screw post, and ground screw for your convenience. The contact unit has been factory set for nominal operating values.

**Figure 1 - Top, Front, and Bottom View**



1. Remove the front cover from the switch enclosure. To remove the contact unit that is to be replaced:
  - a. Turn the ground screw and then the ground screw post (or just mounting screw) counter-clockwise until unscrewed completely.
  - b. Slide the contact unit out of the switch enclosure (see front and bottom views in [Figure 1](#)).

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**IMPORTANT** Leave the sheet metal shield in the switch enclosure.

2. Place the ground screw post in the mounting clamp, and the mounting clamp in the replacement contact unit, positioned as shown in [Figure 1](#).

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**IMPORTANT** Depending on the mounted position of the switch into which the contact unit is to be installed, it may be necessary to hold the mounting clamp and ground screw post in position with a screwdriver while inserting the contact unit into the switch enclosure.

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3. Slide the contact unit gently into the switch enclosure, positioned so that the ground screw post engages the tapped hole near the bottom of the cavity. Do not force the contact unit if it stops short of full insertion into the cavity. With certain types of operating heads, it is necessary to hold the operating mechanism in the fully operated position while maintaining light pressure on the contact unit to achieve full insertion. When the contact unit is fully inserted (flush with front face of switch enclosure), tighten the ground screw post by turning clockwise to 8...12 in-lb of torque. Install the ground screw into the end of the ground screw post.
4. Connect a continuity indicator across the terminals of the contact unit. Now operate the limit switch by hand. If positive contact operation is indicated, no adjustment is necessary. If not, proceed to [step 5](#).

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**IMPORTANT** The adjustment procedures that are outlined in [step 5](#) have to be made on a trial and error basis. This method is necessitated since the effect of turning the adjustment screw varies with the type of operating head being used.

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5. To gain access to the adjustment screw (see [Figure 1](#)), either remove the contact unit as in [step 1](#), or remove the operating head, which is attached to the switch housing by four screws. Use a 3/16 in. nut driver to turn the adjustment screw out (counterclockwise) 1/4-turn.

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**IMPORTANT** This position is the maximum counterclockwise position of the adjustment screw – further movement in this direction could damage the device. Replace the contact unit ([step 2](#) and [step 3](#)) or the operating head, whichever was removed for access to the adjustment screw.

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6. Retest the switch as in [step 4](#). If further adjustment is needed, repeat [step 5](#) except turn the adjustment screw 1/6-turn *clockwise* and retest again as in [step 4](#). Repeat the modified (*clockwise* adjustment 1/6-turn) [step 5](#), followed by [step 4](#), as many times as necessary to obtain satisfactory contact operation. Keep count of the number of turns the adjusting screw is turned clockwise in case it is necessary to repeat the procedure and begin again the maximum counterclockwise position. Do not force the adjustment screw if it bottoms out before correct operation is achieved – check the continuity indicator and repeat the entire adjustment sequence.

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<b>Knowledgebase</b>	Access Knowledgebase articles.	<a href="http://rok.auto/knowledgebase">rok.auto/knowledgebase</a>
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Publication 802R-IN002B-EN-P - April 2021 | Supersedes Publication 802R-IN002A-EN-P - January 2019  
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40060-290-01 Ver 01