

Subject: Hayes-Republic Replacements Installation Instructions (Model 3600)	Initial Release Date: 5/1/92	Revision Date: 12/18/96	Revision: C
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1. Purpose

This Product Information Note describes how to install AMETEK/Dixson bargraphs into existing Hayes-Republic single instrument cases.

2. Installation Instructions

Note - Carefully read all instructions prior to installation, connection, and operation. Doing so may save you time and trouble. In addition to this Product Information Note, you should also carefully read AMETEK/Dixson document #071-40151, Pro-Series Programmable Bargraph Instruction Manual.

1. Remove the old instrument from its case.
2. Remove the clear bezel.
3. Install the new scaleplate into the clear bezel (see Figure 1).
 - a. Make sure the small hex screw at the top of the clear bezel is fully retracted.
 - b. Place the scaleplate into the clear bezel with the artwork facing out.
 - c. Notice that the notch in the scaleplate is at the top, toward the small hex screw.
4. Remove the bargraph connectors and wire them into the wiring harness. Be sure to cut the wires long enough to reach all the way through the case. This will allow the bargraph to be installed and removed from the front of the case.
5. To install the bargraph from the front of the case:
 - a. Install the stop bar in the rear of the case (see Figure 1). Use a 5/32-inch hex wrench and tighten the socket head screw into the stop bar. Notice that the screw goes through the second hole in both the case and the stop bar.
 - b. Pull the wiring harness and connector through the case and attach to the bargraph.
 - c. Remove the twist ties from the bargraph. Slide the bargraph into the case until it hits the stop bar.
 - d. Install the bezel (with scaleplate) onto the case by installing the socket head screw at the lower center of the bezel. Tighten the small socket head screw at the top of the bezel. **Do not overtighten this screw!**
6. To install the bargraph from the rear of the case:
 - a. Install the bezel (with scaleplate) onto the case by tightening the socket head screw at the lower center of the bezel. Tighten the small socket head screw at the top of the bezel. **Do not overtighten this screw!**

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- b. Attach the wiring harness connectors to the bargraph.
- c. Remove the twist ties from the bargraph. Slide the bargraph into the case until it stops against the bezel.
- d. Install the stop bar in the rear of the case (see Figure 1). Use a 5/32-inch hex wrench and tighten the socket head screw into the stop bar. Notice that the screw goes through the second hole in both the case and the stop bar.

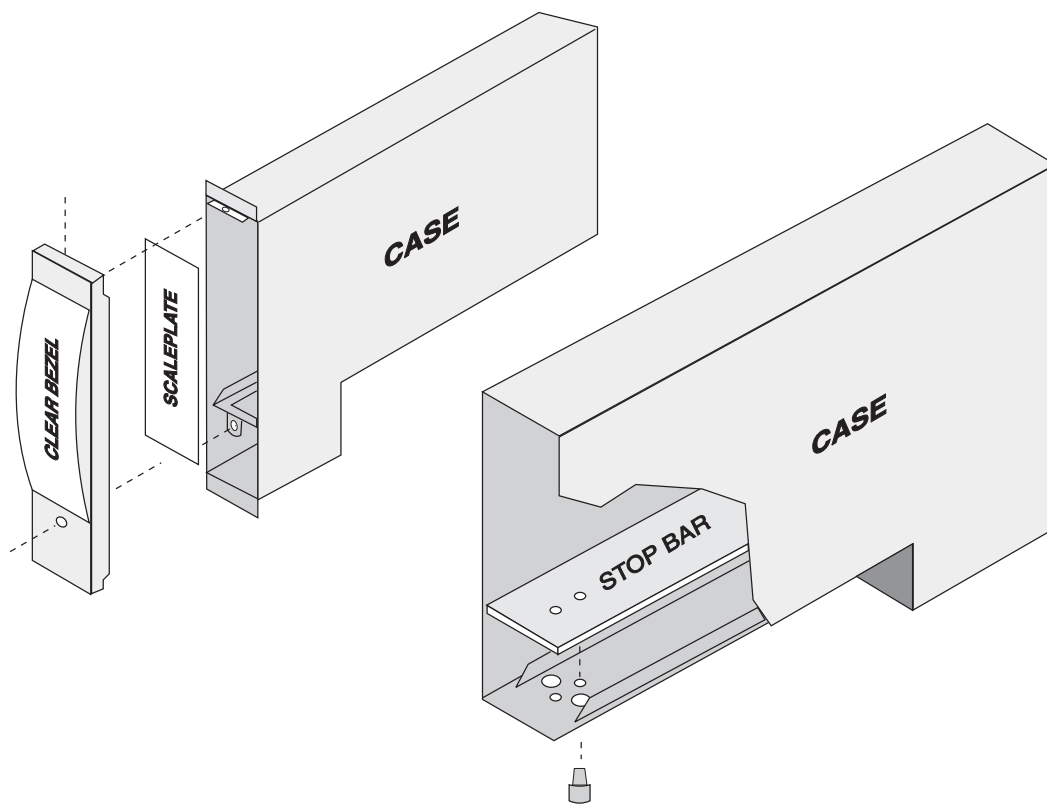


Figure 1 *Bargraph installation*

3. Technical Support

All AMETEK/Dixson bargraph products are supported by the AMETEK/Dixson Bargraph Service Department. The Service Department can be reached at (970) 244-1245, Monday through Thursday from 7:00 a.m. to 5:30 p.m. MST, and on Friday from 7:00 a.m. to 3:30 p.m. You may also leave a message at the following E-mail address: service@ametekdixson.com.