

# PRODUCT ADVISORY NOTICE

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## KEEPING YOU INFORMED OF PRODUCT CHANGES

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**To:** All Customers, Sales Representatives and Distributors

**Date:** January 30, 2024

**Subject:** Change of supply for shaft seal used in Grayhill 60AR Joysticks and 3J Gen 1.0 and 3J Gen 2.0 Joysticks

***Please forward this notification to the appropriate person(s) in your organization.***

### **Description of Change**

Grayhill has changed the supplier for the shaft seal used in the 60AR Joystick series and the component joystick in 3J Gen 1.0 and 2.0.

The new seal also has a lower durometer for the elastomeric portion, moving from 70 shore A to 40 shore A.

### **Reason for Change**

A new source of supply was required. The durometer change was found to improve haptic response without affecting any form/fit/function characteristics and therefore included in the change. The lower durometer for the elastomeric portion of the seal provides an improved tactile response when the joystick is actuated.

The new seal has been qualified via Grayhill LREQ-SP20-163 (see attached report). Testing included verification of joystick life, rotational life, and ingress to IPx7. Actuation force does not change from datasheets.

### **Effective Date**

The change to the source of supply will be a rolling change, effective April 30, 2024.

### **Part Numbers Affected**

All 60AR standard products and all customized versions of the joystick will be affected.

60AR00-4-P	60AR18-4-250S
60AR00-8-P	60AR18-4-P
60AR18-4-020C	60AR18-8-020C
60AR18-4-020S	60AR18-8-020S
60AR18-4-030C	60AR18-8-025C
60AR18-4-040C	60AR18-8-040C
60AR18-4-040S	60AR18-8-040S
60AR18-4-060C	60AR18-8-060C
60AR00-4-060C	60AR18-8-060S
60AR18-4-060S	60AR18-8-080C
60AR18-4-065C	60AR18-8-100C
60AR18-4-100C	60AR18-8-250C
60AR18-4-100S	60AR18-8-P



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All standard 3J joystick versions:

3J0115-100	3J1115-100	3J2115-100
3J0115-200	3J1115-200	3J2115-200
3J0115-200N	3J1115-200N	3J2115-200N
3J0115-G2-C3AG	3J1115-G2-C3AG	3J2115-G2-C3AG
3J0115-G2-C3AW	3J1115-G2-C3AW	
3J0115-G2-N3AW	3J1115-G2-N3AG	
	3J1115-G2-N3AW	

All custom legend versions are included in this change notice as they are derived from standard product. The change also applies to custom legend versions purchased without the control knob installed. These part numbers are shown below:

3JYY1115-110	3JYY1115-130	3JYY1115-163	3JYY1115-197	3JYY1115-242
3JYY1115-115	3JYY1115-134	3JYY1115-173	3JYY1115-207N	3JYY1115-250
3JYY1115-120	3JYY1115-135	3JYY1115-180	3JYY1115-210	3JYY1115-478
3JYY1115-124	3JYY1115-138	3JYY1115-181	3JYY1115-224	3JYY1115-G2-195
3JYY1115-127	3JYY1115-150N	3JYY1115-163	3JYY1115-197	3JYY1115-242
3JYY1115-128	3JYY1115-130	3JYY1115-173	3JYY1115-207N	3JYY1115-250
3JYY1115-120	3JYY1115-134	3JYY1115-185	3JYY1115-233	3JYY1115-G2-229
3JYY1115-128-2	3JYY1115-157	3JYY1115-193	3JYY1115-239	3JYY1115-G2-232
	3JYY1115-160	3JYY1115-184N	3JYY1115-226	3JYY1115-G2-234
				3JYY1115-G2-229

### **Actions Required**

No action is required. Refer questions to your local sales representative.