



# MIV Actuator PB-1008

March 23, 2017

Hale is continuing to make improvements to our products. In some cases the improvement is to avoid problems in handling, shipping, or installation damage. The shaft that extends from the MIV gearbox shaft has sometimes been bent or damaged leading to delays in production of the Fire Apparatus.

Hale Products Inc. will be transitioning to a gearbox actuator design that has a shorter shaft to reduce the chance of damage. During the transition Hale will be using two gearbox actuator styles for a period of time as we ramp up production. Form, fit, and function are the same between the current actuator and the new version except for the length of the shaft.

The new gearbox actuator, with the shorter shaft, will be used on both MIV-E and MIV-M applications. Due to the shorter shaft on the new MIV gearbox actuator, they will now be shipped with two extensions, to be used individually, instead of the one extension that is included with the old style.

#### **Current Gearbox Actuator– Pictured to the right**

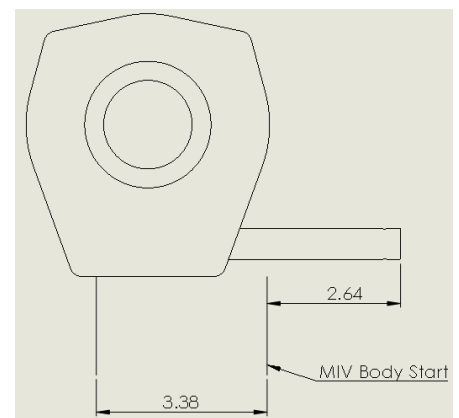
The current gearbox actuator shaft can be used for panels up to 74", and the extension is added when the panel width is 76" or greater. The extension is included with the MIV when it shipped.

#### **New Gearbox Gearbox Actuator– Pictured to the right**

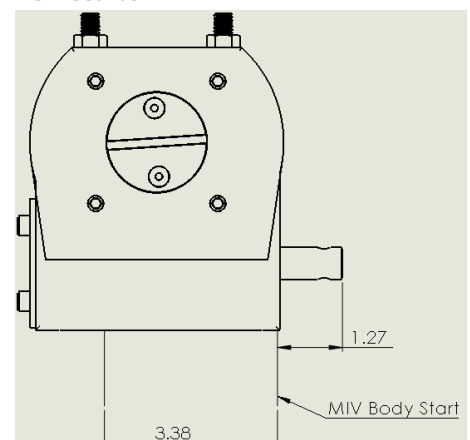
Due to the shorter shaft on the new gearbox actuator, an extension must be used for all panel widths. The extensions are used individually, and extension shafts should not be used together. The short panel extension (113404-004) is used for panel widths up to 74" and the longer extension (113404-007) is used for panel widths 76" or greater. Both extensions are included with the MIV, in the ship loose box, when shipped with the new gearbox actuator.

The design of the new gearbox allows the OEM to install the MIV as they have always done with the exception of picking the correct extension handle (included with the MIV). During the transition, Hale will make every effort to ensure that if two MIVs are ordered on the same pump or PO that the MIVs will be of the same type for appearance sake. Functionally the versions are the same. Additionally please find the installation drawing **FSG-PL-01473** that details the differences between the two gearboxes actuator.

Old Gearbox



New Gearbox



Thank you for your continued support of Hale Products, Inc. If you have any further questions or concerns, please feel free to contact our customer service center at 1-800-533-3569.