



Application Note 51621
(Revision -, 11/2019)
Original Instructions

Digital Valve Positioner Enclosure Lid Replacement

Woodward reserves the right to update any portion of this publication at any time. Information provided by Woodward is believed to be correct and reliable. However, no responsibility is assumed by Woodward unless otherwise expressly undertaken.

Copyright © Woodward, Inc. 2019
All Rights Reserved

Enclosure Lid Replacement Procedure

Introduction

The lid conversion procedure has two parts. Part 1 is to remove the existing lid assembly. Part 2 is to install the new lid. These instructions with outline drawings are below.

Electrostatic Discharge Awareness

NOTICE

Electrostatic Precautions

Electronic controls contain static-sensitive parts. Observe the following precautions to prevent damage to these parts:

- Discharge body static before handling the control (with power to the control turned off, contact a grounded surface and maintain contact while handling the control).
- Avoid all plastic, vinyl, and Styrofoam (except antistatic versions) around printed circuit boards.
- Do not touch the components or conductors on a printed circuit board with your hands or with conductive devices.

To prevent damage to electronic components caused by improper handling, read and observe the precautions in Woodward manual **82715**, *Guide for Handling and Protection of Electronic Controls, Printed Circuit Boards, and Modules*.

Follow these precautions when working with or near the control.

1. Avoid the build-up of static electricity on your body by not wearing clothing made of synthetic materials.
2. Wear cotton or cotton-blend materials as much as possible because these do not store static electric charges as much as synthetics.

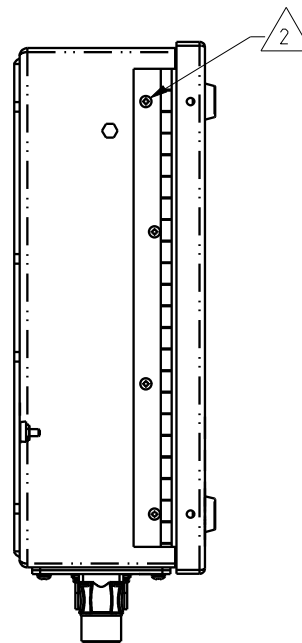
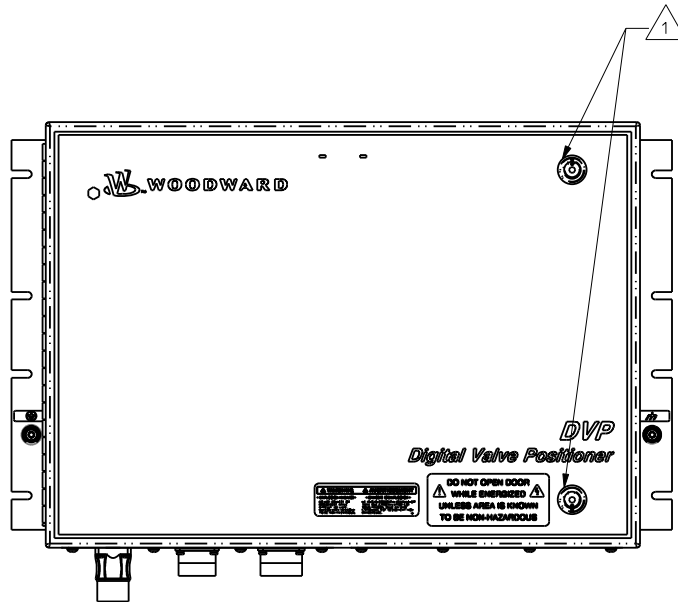
Enclosure Lid Removal Procedure

WARNING

ELECTRICAL SHOCK HAZARD - Do not open or remove lid from the DVP unless power has been switched off.

Power Off

1. Rotate the latches to the Open Position.
2. Remove the four (4) screws from the hinge.
3. Retain the screws for installation of the new lid.
4. Lift the lid from the enclosure.



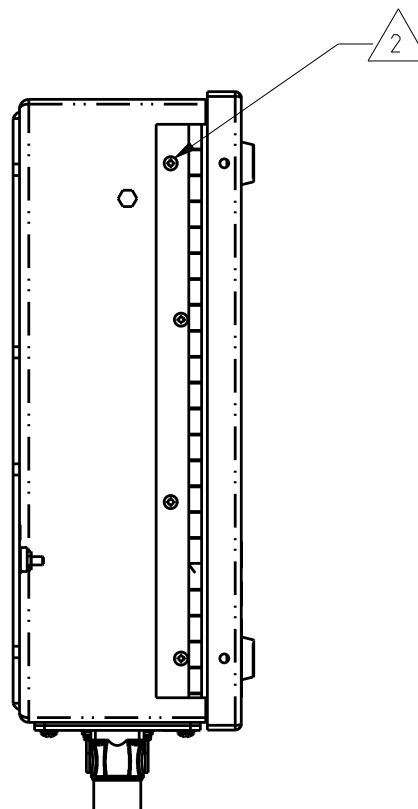
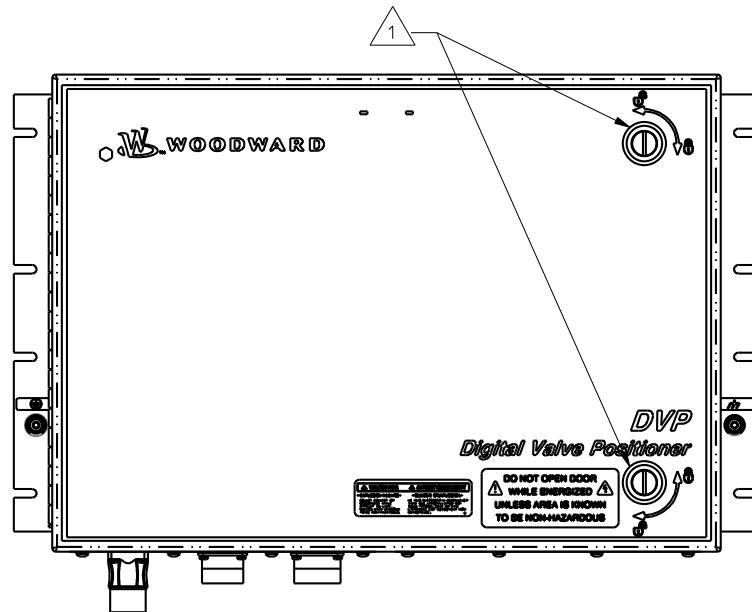
Enclosure Lid Installation Procedure



ELECTRICAL SHOCK HAZARD - Do not open or remove lid from the DVP unless power has been switched off.

Power Off

1. Turn latches to the open (unlocked) position.
2. Using the four (4) screws that were removed from the hinge when removing the old lid, install the new lid as follows.
 - a. Install screws and tighten until the hinge is lightly mated to the enclosure and held securely.
DO NOT TIGHTEN COMPLETELY
 - b. Close and align lid on the enclosure body.
 - c. Push enclosure lid downward to force hinge holes to contact the surfaces of the screw threads closest to the enclosure lid, compressing the enclosure lid gasket.
 - d. Tighten screws completely to 8-10 in-lb torque



We appreciate your comments about the content of our publications.

Send comments to: icinfo@woodward.com

Please reference publication **51621**.



B 5 1 6 2 1 : -



PO Box 1519, Fort Collins CO 80522-1519, USA
1041 Woodward Way, Fort Collins CO 80524, USA
Phone +1 (970) 482-5811

Email and Website—www.woodward.com

Woodward has company-owned plants, subsidiaries, and branches, as well as authorized distributors and other authorized service and sales facilities throughout the world.

Complete address / phone / fax / email information for all locations is available on our website.