



INSTALLATION INSTRUCTIONS

Field Installation Instructions For Digital Merchandiser on Viper machines

WARNING:

Before starting installation, read and understand all safety label and warnings on the machine. Also, review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

WARNING:

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

WARNING:

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

CAUTION:

Always be sure to keep the area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

Viper Digital Merchandiser Kit Includes:

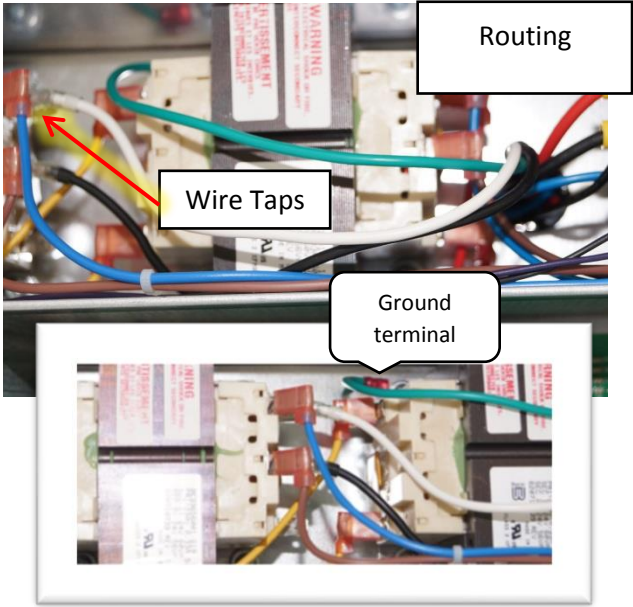
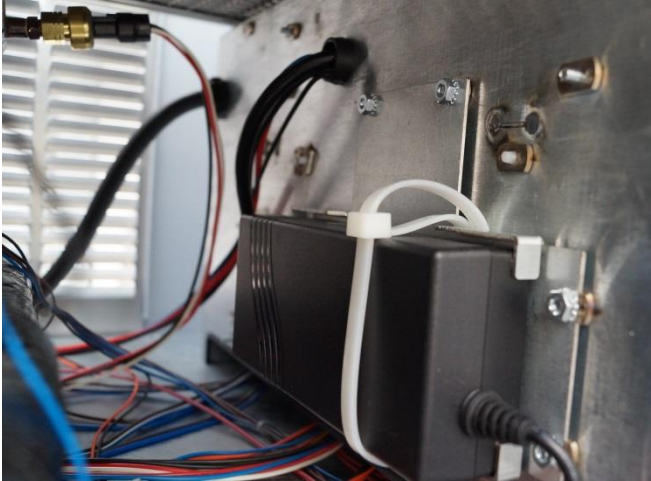
**Table 1. Parts List**

Part number	Description	Qty
629097724INS	INSTALLATION MANUAL, KIT DIGITAL MERCHANDISER TALL FOR VIPER 4 BARREL	1
629097724IPL	ILLUSTRATED PARTS LIST, KIT DIGITAL MERCHANDISER TALL FOR VIPER 4 BARREL	1
620069001	MERCHNDSR DIGITAL TALL, VIPER 4 BARREL	1
620069002	HARN DIGITAL MERCHANDISER, VIPER	1
620069003	POWER SUPPLY DIGITAL MERCHANDISER VIPER	1
620069004	BRACE WELDMENT ASSEMBLY, VIPER MERCHANDISER	1
620069005	BRACE LEFT WELDMENT ASSEMBLY, VIPER MERCHANDISER	1
620069006	MOUNT PLATE, PSU VES120PS24, VIPER 4 BARREL	1
620069007	STRUT 110 LB FORCE, DIGITAL MERCHANDISER, VIPER 4 BARREL	2
620069008	HARN, AC TAP PLUG	1
620069009	FUSEHOLDER DUAL 30A/250V, WITH SCREW HOLES	1
620069010	LABEL FUSE REPLACEMENT	1
620069011	SCREW, SELF DRILLING #6 BY 1/2"	2
11538	FUSE #312002 3AG	2
620720839	SCREW MA 10-32 TRPH 20 SSPA	4
0704107	SCREW #8-32 X 5/8 THMS SS	2
70076	NUT HEX 08-32 STCA KEPS 1/8	4
620062566	LABEL CLEAN INSTRUCTIONS W/QR CODE, VIPER	1
50617	TIE WIRE	2
163506000	TIE CABLE 4.5" NT-70	3
70028	NUT HEX 5/16-18 KEPS	4

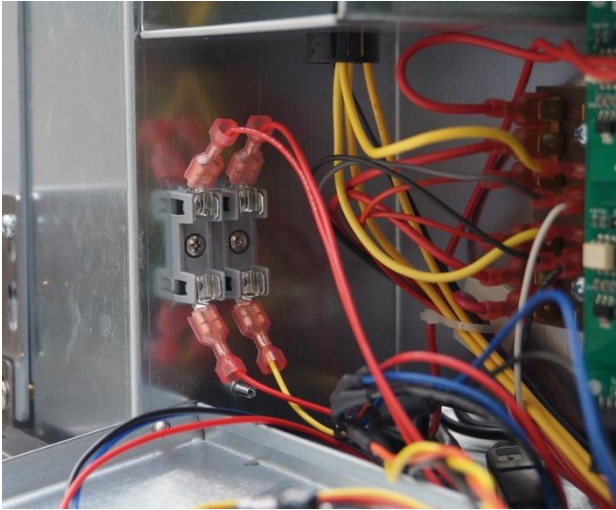
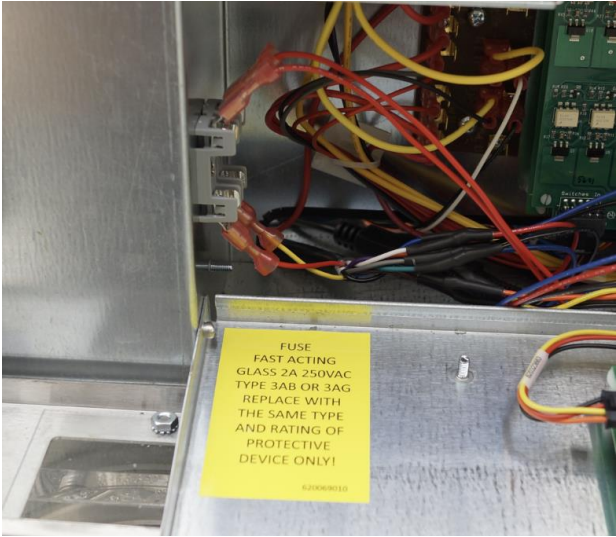
The instructions in Table 2 should be used for installation of the Viper Digital Merchandiser assembly kit on Viper units.


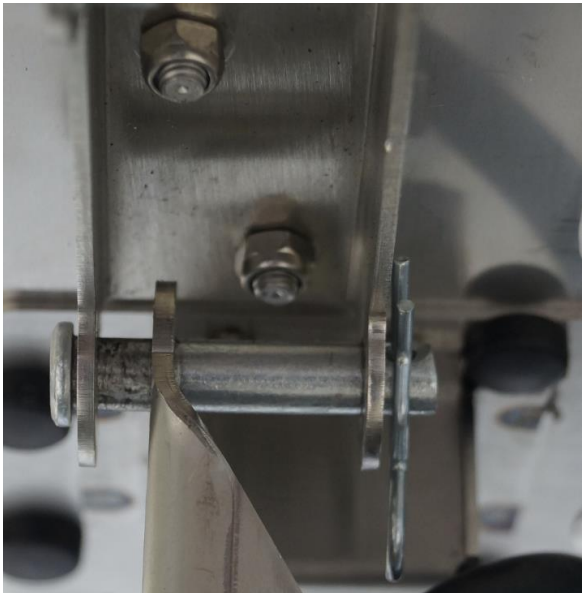
Table 2. Installation Procedure



Step	Action
1	Disconnect the power cord and make sure there is no power to the unit!
2	<p data-bbox="293 793 829 919">Remove both side panels by unfastening the 3 mounting screws on each side and remove the top panel by unfasten the 4 mounting screws from four corners of the top panel.</p> <div data-bbox="854 575 967 764">Side panel Mounting screws (Both sides)</div>  <div data-bbox="854 963 967 1089">Top panel Mounting screws</div> 
3	<p data-bbox="293 1281 829 1554">Disconnect and remove the old POS merchandiser, if one is attached, and wiring harness. To remove the wiring harness, attached to the merchandiser, open the e-box and disconnect the connectors. Cut the zip ties, but leave the bases, as the new harness will attach to same points. Make sure to remove the original gas struts, as they will not be reused.</p> <div data-bbox="293 1709 342 1761">  </div> <p data-bbox="347 1719 542 1761">WARNING:</p> <p data-bbox="293 1764 813 1856">Failure to remove the original gas struts and reusing them may cause personnel injury or death!</p> 



Step		Action
4	<p>Feed the provided AC harness PN 620069008 from the back of the E-box through the opening. Remove the top left corner screw attaching the right side transformer and place the ring terminal of the ground wire (green wire) between the screw head and the washer. Replace the screw in its original location and tighten. Disconnect the blue and brown wires from the left transformer and plug in the taps in their place. Reconnect the transformer flag connectors in the tap connectors, as shown.</p>	
5	<p>Install the Power Supply Mounting plate PN 620069006 to the back of the E-box with the supplied hex nuts.</p> <p>Attach the Power Supply PN 620069003 to the plate with the provided wire ties PN 50617. Be careful to place the power supply in the correct orientation with the plug pointing towards the previously installed AC harness.</p>	


Step	Action
6	<div data-bbox="285 520 779 583"> <p>Install the low voltage wiring harness PN 620069002 to the side of e-box as shown.</p> </div> <div data-bbox="285 735 808 825"> <p>Leave 12 inches of cable above the base of hinge to create proper strain relief for the harness.</p> </div> <div data-bbox="285 947 828 1071"> <p>Use the cable ties supplied in the kit to secure the harness to the existing anchor points. DO NOT overtighten the cable ties, as this may cause internal harness damage.</p> </div> <div data-bbox="285 1129 828 1220"> <p>Connect harness to the specified connectors on the IO board (STATUS, J7) and HMI board (PC).</p> </div> <div data-bbox="285 1617 769 1680"> <p>Connect the round 4 pin connector to the power supply.</p> </div> <div data-bbox="997 315 1365 684" data-label="Image"> </div> <div data-bbox="954 693 1386 1081" data-label="Image"> </div> <div data-bbox="911 1087 1425 1522" data-label="Image"> </div> <div data-bbox="911 1537 1430 1864" data-label="Image"> </div>

Step	Action
7	<p data-bbox="285 646 829 888">Install supplied fuse block PN 620069009 on the inside left wall of E-box. Make sure to install the fuse block at a distance of $\frac{3}{4}$" from the front wall. Use the supplied self-drilling screws, PN 620069011. To perform that step one will need a power driver with speed of 1300 rpm or more. Set the driver to low torque to avoid damage to the Fuse holder base.</p> <p data-bbox="285 919 748 978">Install FUSE REPLACEMENT label PN 620069010 in the location shown.</p> <p data-bbox="285 1010 542 1039">Install provided fuses.</p> <div data-bbox="886 321 1498 827">  </div> <div data-bbox="886 846 1498 1379">  </div>

Step	Action
8	<p>Install the left and right brace support brackets, PN 620069004 and 620069005 with the provided fasteners. Be careful to use the correct size fastener, as they are different. Make sure to align the openings for strut mounting (easily performed by temporarily attaching one end of the strut through the opening). Apply new maintenance and cleaning label PN 620062566 (supplied) between support brackets.</p> <p>NOTE: Install the braces one at time to avoid misalignment of the mounting holes from the weight of the condenser.</p> 
9	<p>⚠ WARNING:</p> <p>This step must be performed by two people due to the weight of the merchandiser!</p> <p>Mount the Viper Digital Merchandiser screen to the machine using the standard mounting method. The screen is provided with the complimentary mounting brackets.</p> 

Step	Action	
10	<p>⚠ WARNING:</p> <p>This step must be performed by two people due to the weight of the merchandiser!</p> <p>Mount the new gas struts PN 620069007.</p> <p>The gas struts (Qty 2) have been rated to suit the new screen. (See Figure 5.)</p> <p>⚠ WARNING:</p> <p>Failure to use the supplied gas struts will void the warranty to the entire Digital Merchandiser Kit and may cause injury or death!</p>	
11	<p>Connect the 10 pin connector to the Merchandiser, arranging the cable in a loop as shown. Make sure the lock on the connector is engaged.</p>	

Step	Action
12	<p>Reattach the side panels with the original screws and reassemble the top panel with original screws. Plug the unit and start as usual.</p> <div data-bbox="911 436 1430 827" data-label="Image">  </div> <div data-bbox="911 831 1487 1245" data-label="Image">  </div>
13	<p>Power on the Merchandiser. Power button is located on the top left back wall. The screen PC will take up to 45 seconds to boot up. During this time the machine will beep periodically to alert of a communications issue. This is not a concern.</p>

Step	Action
	
14	The screen installation is now complete.