

Ardac "C" Series Changer – Validator Installation Instructions

Kit overview

A 24v Mars validator with a compact bezel must be used with this kit. Models VN2512 and AE2412 will process \$1, \$2 and \$5. Mars model AE2612 will process \$1-\$20. The bill box with a capacity of up to 500 notes is typically used. A 700-note box will not fit in all of the various changer models. No cutting is required. A typical on site installation takes 10 minutes.

Kit Components

Kit Module – green text on White label

Installation Instructions titled Ardac "C" Series Changer – Validator Installation Instructions 2 pages

Color photos 2 pages

Metal validator mounting bracket

Velcro to mount the Module in changer

Additional Required Items Not Included With Kit

Working Mars validator – Model AE2412, VN2512, or AE2612 (The validator should have a compact mask as the measurements for mounting the validator will be correct)

The four 11-32 hex nuts used to mount the Mars validator to the validator mounting bracket are included in the Mars validator shipping box.

Dollar bills to test the validator and verify operation of the kit.

Tools Required

11-32 nut driver

Initial Testing

Before installing the kit, confirm the proper operation of the kit as follows:

1. Confirm the dollar bill changer is in working condition with coins in inventory using the existing tray acceptor.
2. Unplug the changer from the wall outlet.
3. If the changer was equipped with an optional meter to count the number of vends, it must be removed, as it will damage the kit Module if it remains plugged in. It is best to remove it from the changer to prevent other service personnel from reconnecting it in the future. If a meter is needed, please contact us for instructions.
4. Unplug the harness(es) from the tray acceptor. If the changer was able to make change for a five-dollar bill there will be several wires with connectors. On models C8005 and C8025, connect the brown wire with the male pin to the brown/blue wire with the female connector. The blue wire and gray wire with red connector do not need to be connected to any other wiring. [On a very limited amount of earlier production changers, the extra connectors were not apart of the harness. If you have one of these changers a credit line adapter harness is needed. Call us at 800 814-7756 and request part number HARNAC8000CREDITLINE.]
5. Plug the 4-position harness plug from the kit module into the now open connector.
6. Plug the remaining harness with the long black connector into the Mars validator.
7. Set the dipswitches on the validator per the label on the kit module.
8. The black wires from the module should remain connected together. These are for the hopper empty input and are necessary to prevent short changing customers when accepting \$10 and \$20.
9. Plug the changer's power cord back into the wall outlet and test using bills. Once proper operation has been confirmed, disconnect the validator, unplug the changer from the wall outlet and proceed to the Kit Installation instructions below. The module remains connected to the changer's harnessing.

Kit Installation

1. At this point, the changer has been unplugged from the wall outlet.
2. Remove the four 11/32" nuts and mounting clips that are used to secure the tray acceptor to the door of the changer.

3. Remove the tray acceptor from the changer by pulling it off the mounting studs.
4. Remove the two support screws from the lower flange. These screws were used to level the original tray acceptor.
5. Install the new validator mounting plate to the door. It is positioned over the same four studs. The original four 11/32" nuts are used to secure the new validator mounting plate.
6. Install the 24v Mars validator on the validator mounting plate studs. These studs have a cap on them to protect the threads in shipping. Remove the caps. The four 11/32" nuts are in the same bag as the kit module.
7. Connect the long black connector from the module to the validator.
8. Secure the kit module in a safe area with Velcro.
9. At this point, the kit installation is complete.
10. If you are installing a validator to accept \$10 and/or \$20, proceed to the next page.
11. Plug the changer's power cord into the wall outlet and test using bills.

Troubleshooting Tips for Control Board

The most common service calls received relate to incorrect dip switch settings on the validator – see the Module for settings.

PROBLEM: Machine free vends or jackpots at power up.

CORRECTION: Remove the original meter. See step 3 in the Initial Testing section.

Technical assistance is available from 9:00am – 4:30pm EST at (800) 814-7756

Reference kit part number KITAC8000-MAE/VN

Notes

When this kit is installed in a changer with more than one hopper that originally had a different payout for \$1 and \$5 you may wish to change the payout programming by rotating the \$5 card.

With the original \$1 and \$5 tray acceptor it was possible to dispense 3 quarters and 5 nickels for \$1. If \$5 was inserted 19 quarters and 5 nickels could be dispensed.

Estimated installation time 15 minutes

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Page 2 of 2 text 2 pages of color photo to follow

ARDAC "C" CHANGERS



Figure 1



Figure 3



Figure 4



Figure 5



ARDAC "C" CHANGERS



Figure 7

