Hamilton Manufacturing Corp.
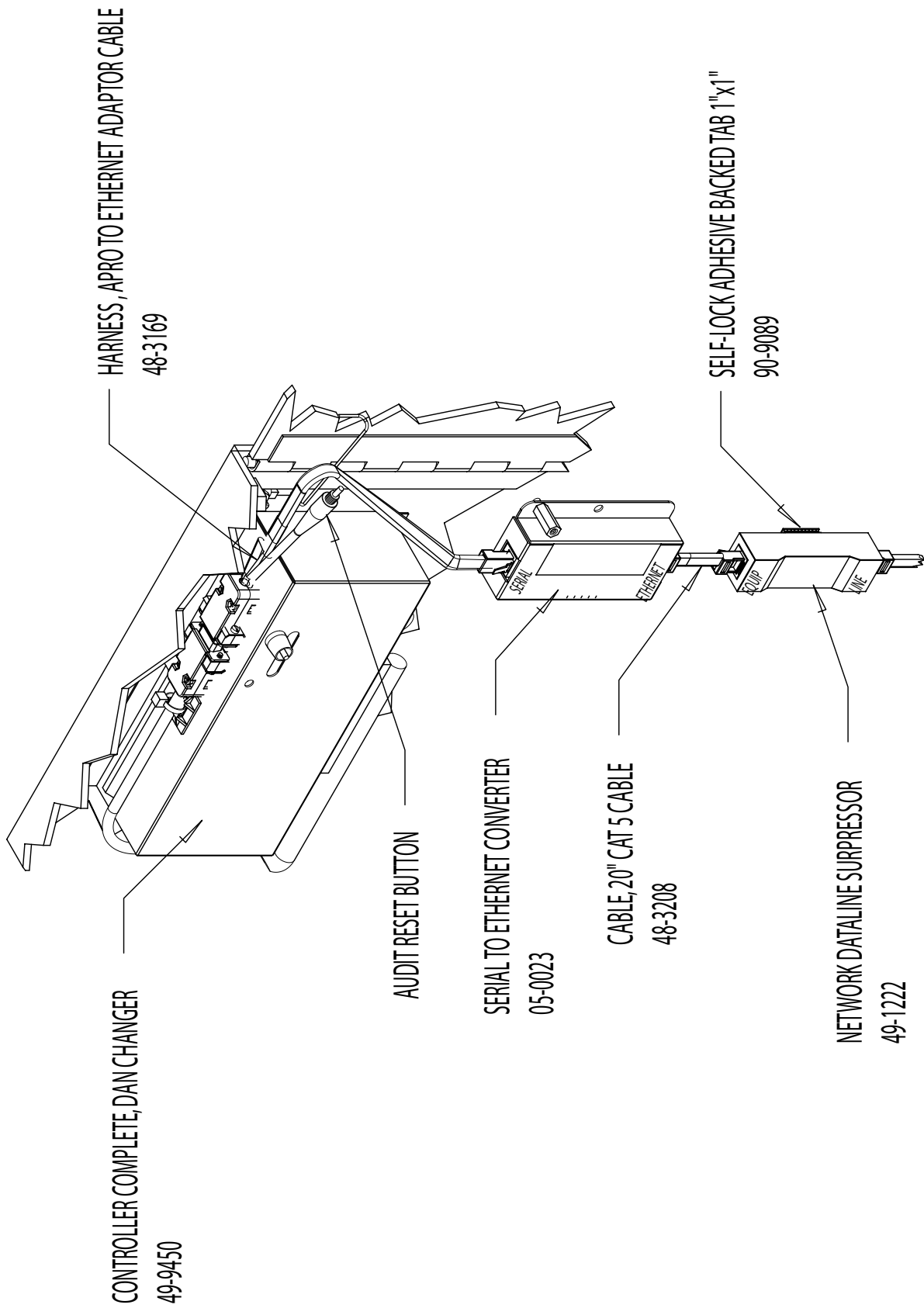
1026 Hamilton Dr., Holland, OH 43528 • Phone: 419-867-4858 / 800-837-5561 • Fax: 419-867-4857 • www.hamiltonmfg.com
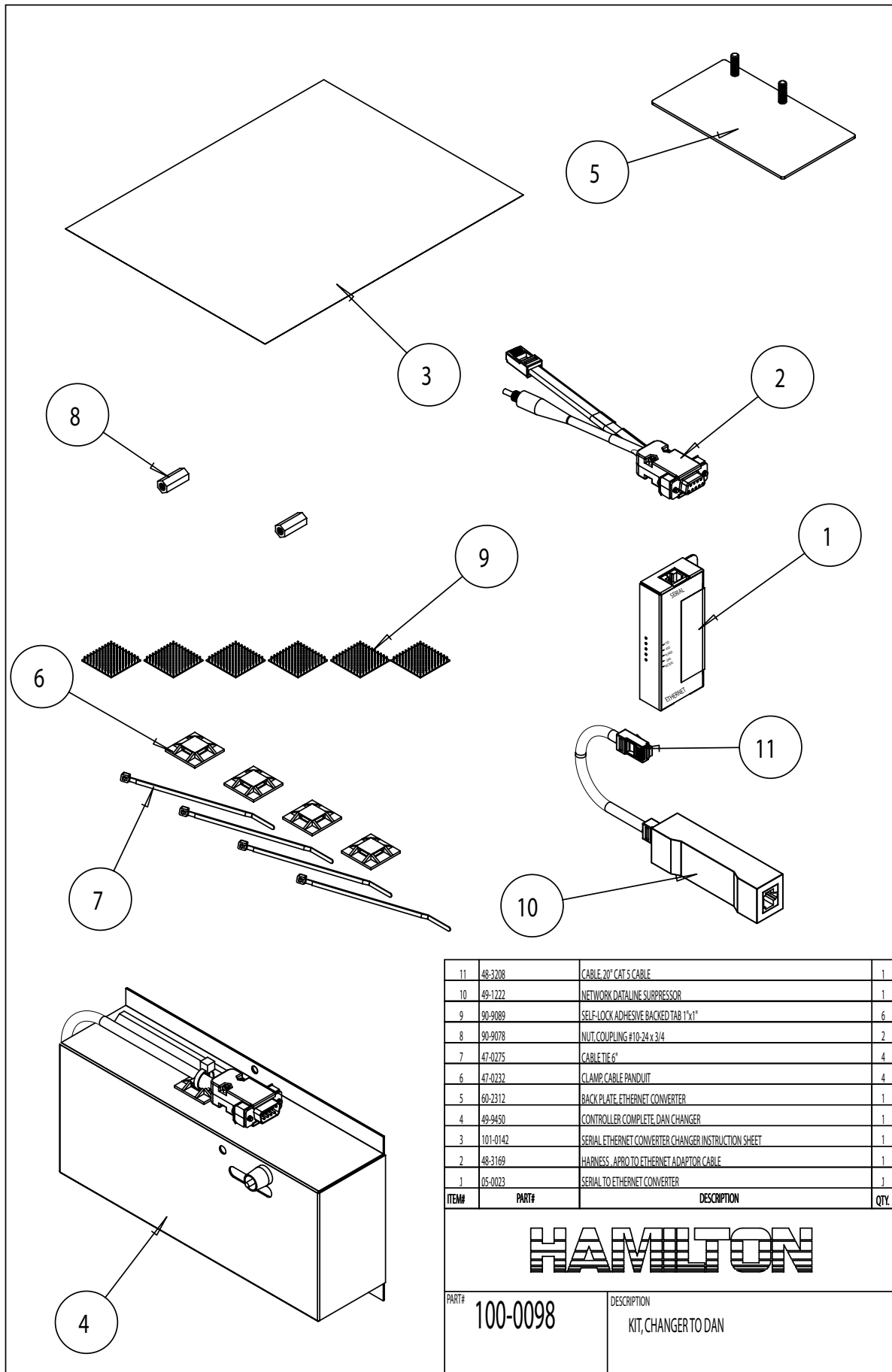
DATA ACCESS NETWORK SITE CONTROLLER CHANGER KIT

KIT #100-0098

1. Turn off power to machine at source and unplug machine.
2. Have Ethernet cable run into the machine. (For this installation you may have to drill hole into the cabinet depending on configuration and mounting)
3. Unplug main harness from Controller.
4. Remove Controller Stud (90-9078) holding Controller.
5. Remove Controller.
6. Replace with D.A.N. Changer Controller (DCCvX.XX 49-9450).
7. Replace Controller Stud (90-9078).
8. Reconnect main harness.
9. Mount Serial to Ethernet Converter (05-0023).
   - If an available stud is close enough that the D.A.N. Changer Controller (49-9450) to use the Apro to Ethernet Adaptor Harness (48-3169), the Led holes are visible and it will not interfere with Changer operation. This is recommended. Mount using Coupling Nut (90-9078) or correct size nut.
   - If there are no convenient studs.
      A. Mount Serial to Ethernet Converter (05-0023) to Ethernet Converter Back Plate (60-2312) using two Coupling Nuts (90-9078).
      B. Attach one of the Self-Locking Adhesive Backed Tabs to the Right and left sides of the Ethernet Converter Back Plate (60-2312).
      C. Attach the two remaining Self-Locking Adhesive Backed Tabs to the two that are stuck to the Ethernet Converter Back Plate (60-2312) Decide on a convenient position and remove masking and stick assembly in place.
10. Connect the DB-9 harness extension from the D.A.N. Changer Controller (49-9450) to the DB-9 of the Apro to Ethernet Adaptor Harness (48-3169). Connect the RJ-45 connector into the SERIAL port of the Ethernet Converter (05-0023).
11. Using Cable Panduit (47-0232) and Cable Ties (47-0275) position the Apro to Ethernet Adaptor Harness (48-3169) so that the button is in a convenient location.
12. Attach the Network Dataline Supressor (49-1222) to the cabinet close to the Serial to Ethernet Converter (05-0023) using the two Self-Locking Adhesive Backed Tabs (90-9089).
13. Attach the ground wire to any convenient cabinet stud.
14. Connect the Ethernet port of the Serial to Ethernet Convertor (05-0023) to the Network Dataline Supressor (49-1222) by connecting the supplied Ethernet cable into the EQUIP side of the Dataline Supressor (49-1222).
15. Connect the Network Dataline Supressor (49-1222) to the network by connecting the Ethernet cable (Cat 5) into the LINE side of the Dataline Supressor (49-1222).

13. Disconnect Apro to Ethernet Adaptor Harness (48-3169) from the D.A.N. Changer Controller (49-9450) and plug in Handheld.
14. Restore power to machine.
15. Program controller (Refer to DAN Access network Installation and Setup Instructions (document # 101-0129) Pages 31-34)
16. Turn off power to machine.
17. Disconnect Handheld and connect the Apro to Ethernet Adaptor Harness (48-3169) to the D.A.N. Changer Controller (49-9450) and tighten studs.
18. Restore power to machine.

HARNESS, APRO TO ETHERNET ADAPTOR CABLE
48-3169

SELF-LOCK ADHESIVE BACKED TAB 1"x1"
90-9089

SERIAL

ETHERNET

EQUIP

LINE

CONTROLLER COMPLETE, DAN CHANGER
49-9450

AUDIT RESET BUTTON

SERIAL TO ETHERNET CONVERTER
05-0023

CABLE, 20" CAT 5 CABLE
48-3208

NETWORK DATALINE SURPRESSOR
49-1222

ITEM#	PART#	DESCRIPTION	QTY.
11	48-3208	CABLE, 20" CAT 5 CABLE	1
10	49-1222	NETWORK DATALINE SURPRESSOR	1
9	90-9089	SELF-LOCK ADHESIVE BACKED TAB 1"x1"	6
8	90-9078	NUT, COUPLING #10-24 x 3/4	2
7	47-0275	CABLE TIE 6"	4
6	47-0232	CLAMP, CABLE PANDUIT	4
5	60-2312	BACK PLATE, ETHERNET CONVERTER	1
4	49-9450	CONTROLLER COMPLETE, DAN CHANGER	1
3	101-0142	SERIAL ETHERNET CONVERTER CHANGER INSTRUCTION SHEET	1
2	48-3169	HARNESS, APRO TO ETHERNET ADAPTOR CABLE	1
1	05-0023	SERIAL TO ETHERNET CONVERTER	1

HAMILTON

PART#	DESCRIPTION
100-0098	KIT, CHANGER TO DAN