TT-SCAP Quick Guide

QUICK GUIDE FOR DMS (SINGLE SESSION) SWITCH ACCESS TERMINALS

PN # TT-SCAP-DMSKIT & TT-SCAP-DMSKIT2

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TAG INC.
Telecom Assistance Group, Inc.
856-753-8585

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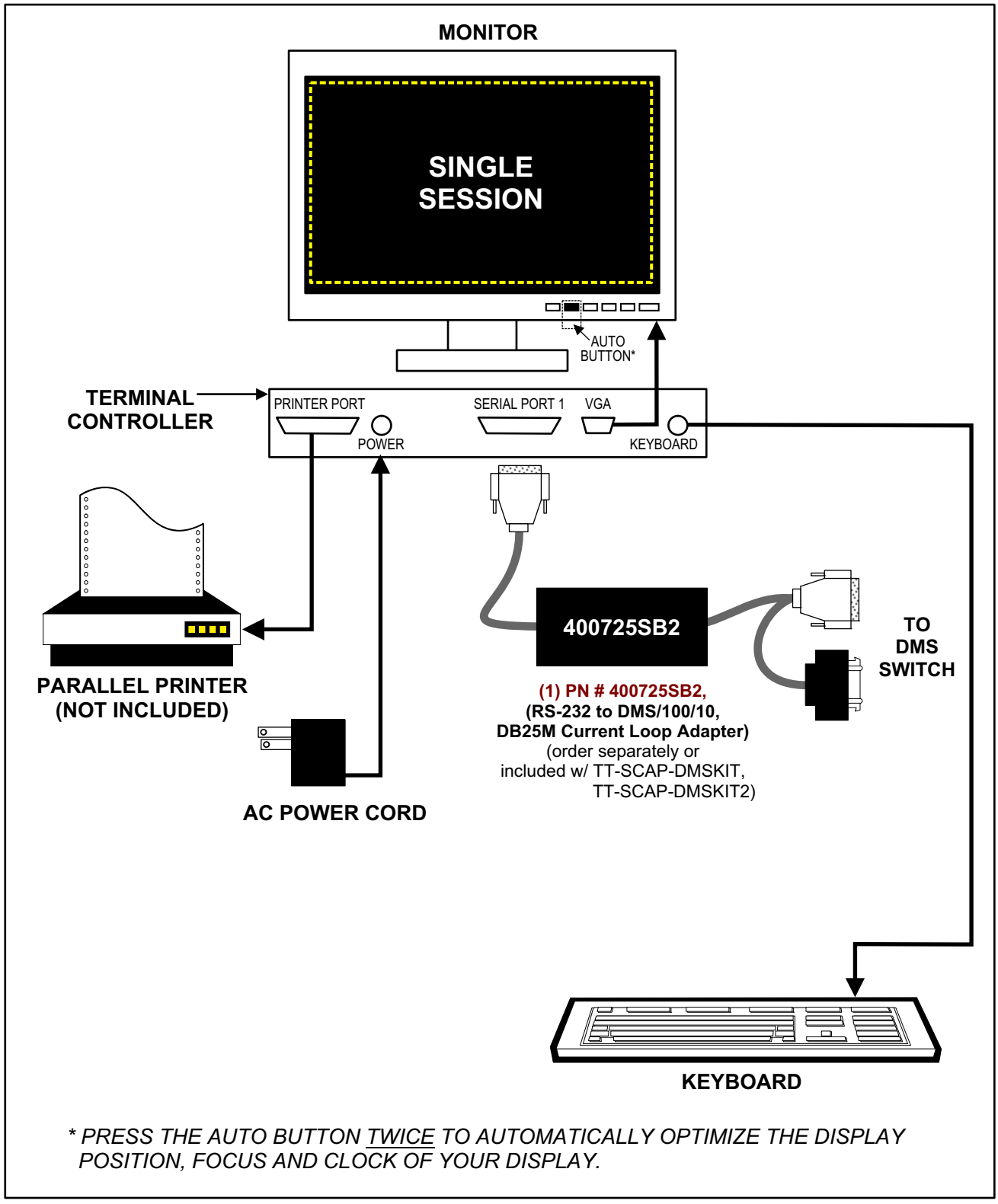
TERMINAL KIT CONFIGURATION FOR DMS SWITCH ACCESS

PN # TT-SCAP-DMSKIT & TT-SCAP-DMSKIT2

FIGURE 1



** PRESS THE AUTO BUTTON TWICE TO AUTOMATICALLY OPTIMIZE THE DISPLAY POSITION, FOCUS AND CLOCK OF YOUR DISPLAY.*

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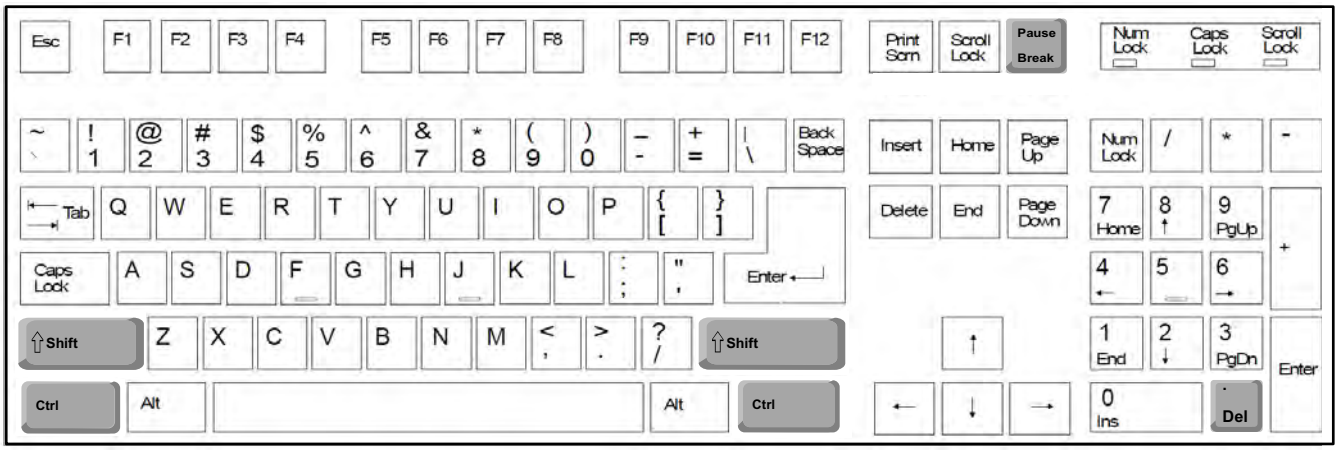
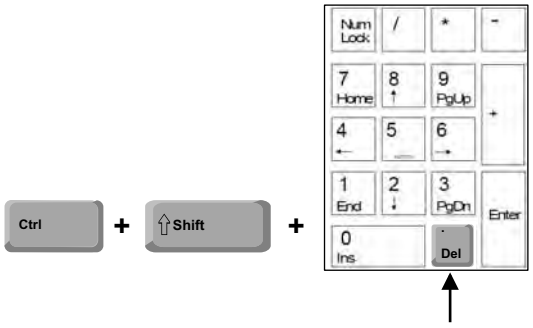
TERMINAL COMMAND KEYS

FIGURE 2



PRINT	Press **Ctrl + Shift +** ● *(Decimal on the Number Pad)* 
SEND BREAK	Press **Ctrl + Pause/Break Key**

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GENERAL SETTINGS NOTE

Terminals are supplied pre-configured for your DMS switch. Some local settings may need to be adjusted. Example: Baud Rate, Function Keys etc.

The following pages show how to make adjustments to the terminal when required.

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TERMINAL SETUP

FIGURE 3

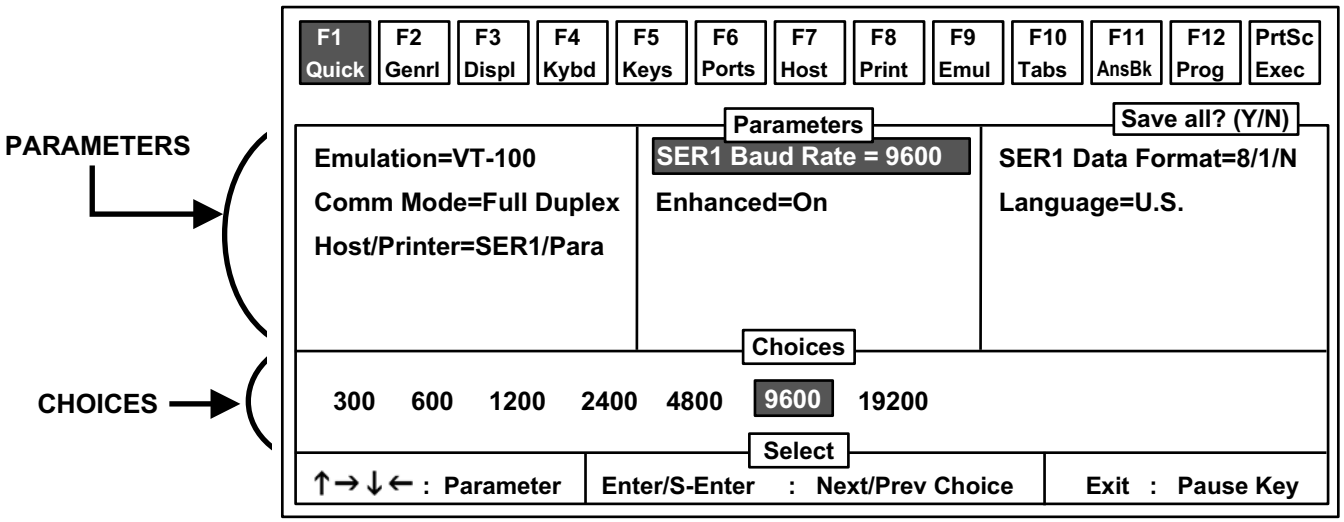
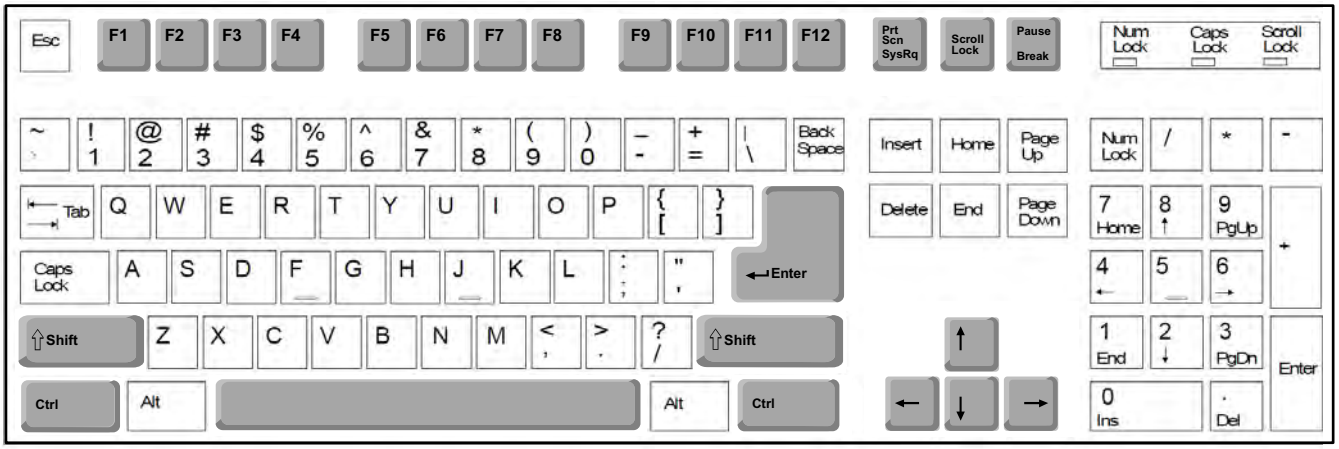


FIGURE 4



ENTER SETUP SCREEN	Press **Ctrl + Scroll Lock**
SELECT MENU	Press **F1 - Prt Scn** *(see pg.8 for DMS Default Setup)*
NAVIGATE PARAMETERS	Press the **Arrow Keys**
NAVIGATE CHOICES	Press **Enter** or **Spacebar** (moves forward)
	Press **Shift + Enter** (moves backward)
EXIT SETUP SCREEN	Press the **Pause/Break Key** (when prompted to "Save all", press **Y** key to **Save** or **N** key to **discard**)

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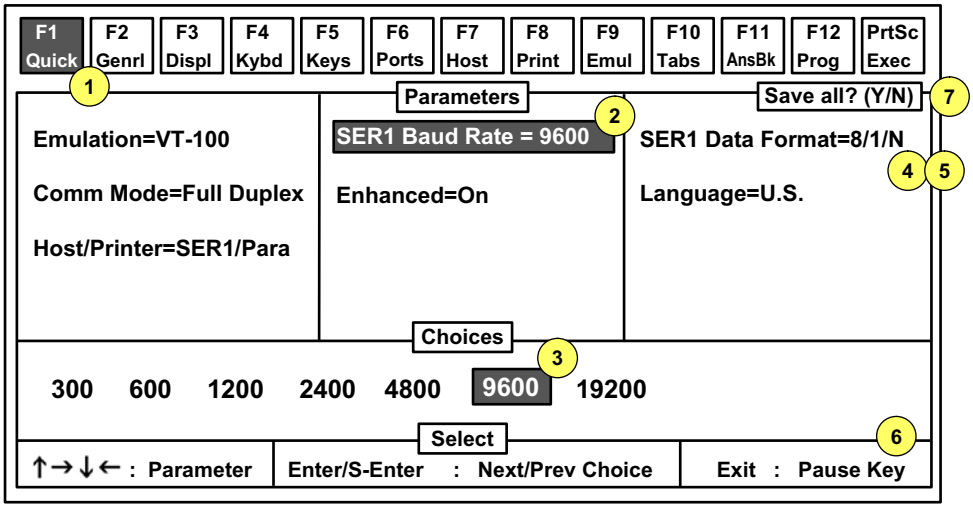
CHANGING THE SERIAL PORT SETTINGS

FIGURE 5



1. Press the **F1** button
2. Use the **Arrow Keys** to move to **SER1 Baud Rate (SER1 = Serial Port 1)**
3. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (9600 for DMS)
4. Use the **Arrow Keys** to move over to **SER1 Data Format**
5. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (8/1/N for DMS)
6. When finished, press the **Pause Key** at the top right of the keyboard
7. When prompted with "**Save all?**", click **Y** to save the new **Parameters**

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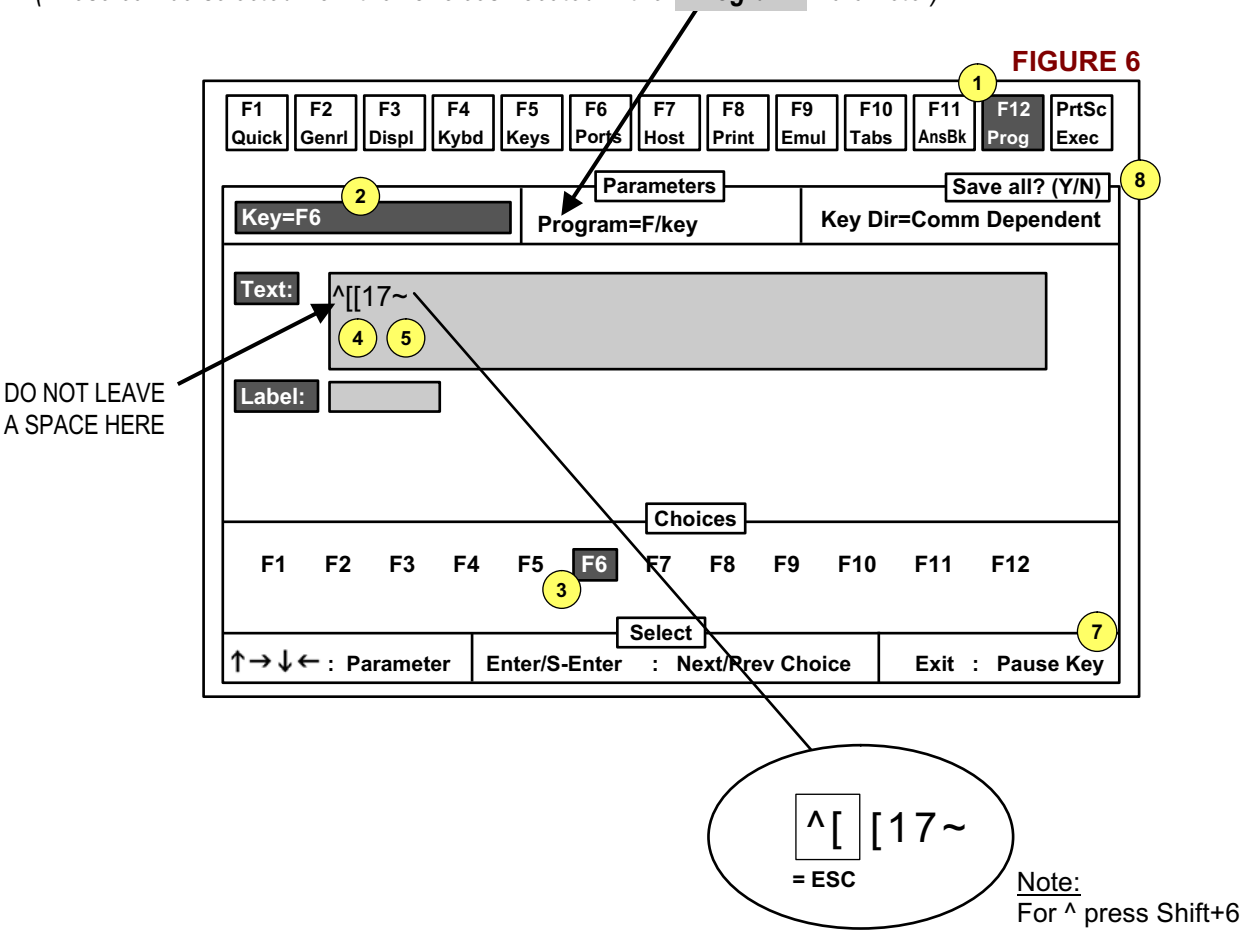
PROGRAMMING FUNCTION KEYS*

Each function key has (4) programmable registers per session such as **F/key, sh-F/key, ctrl-F/key & ctrl-sh-F/key*
*(These can be selected from the "Choices" located in the **"Program"** Parameter)*

FIGURE 6



1. Press the **F12** button
2. The curser will appear in the "Key" Field with F1 as the default
3. Select a new function key to program by pressing **Enter** or **Spacebar** until the correct **Choice** is highlighted (for example choose F6)
4. Arrow down to move to the "Text" Field
5. Type in the "Function" for the key. *CAUTION: The first character in the Text Field cannot be left blank*

   Example: To program **ESC[17~** Type: **Shift+6** **[[17** **Shift+`** **= (^[[17~)**
6. To program another function, arrow back up to the "Key" Field & repeat steps 3-5
7. When finished, press the **Pause Key** at the top right of the keyboard
8. When prompted with "**Save all?**", click **Y** to save the new **Parameter**

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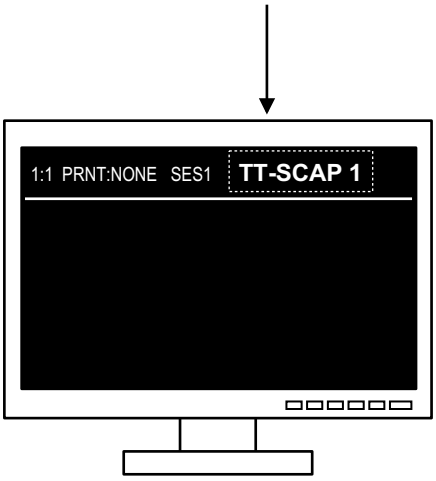
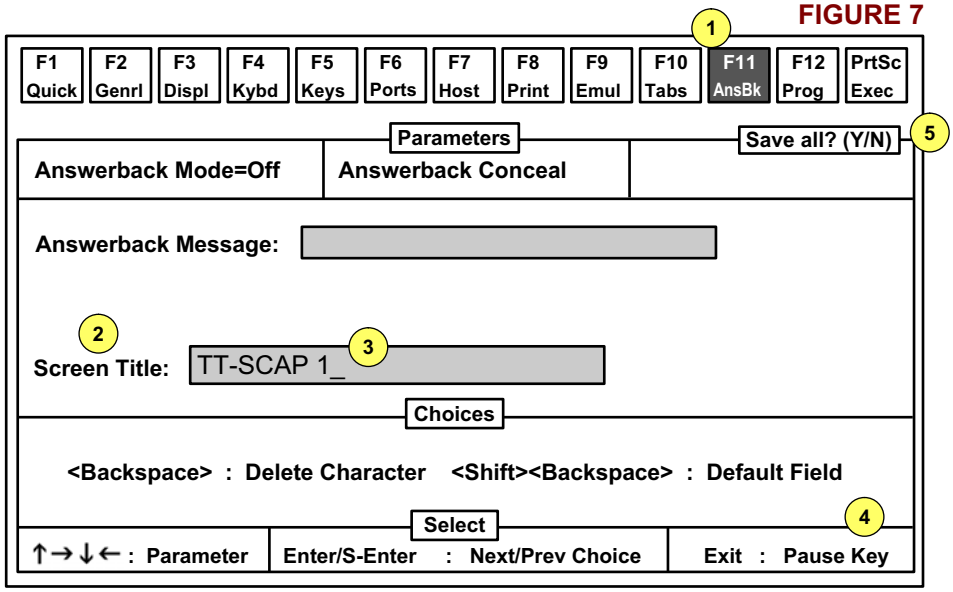
CHANGING THE SCREEN TITLE

Note: *This will change the title at the top of the Session.*



DISPLAY ON MONITOR

FIGURE 7



1. Press the **F11** button
2. Use the **Arrow Keys** to move the curser down to **Screen Title**
3. Type in a Title for the Session (Example: TT-SCAP 1)
4. When finished, press the **Pause Key** at the top right of the keyboard
5. When prompted with "**Save all?**", click **Y** to save the new **Parameters**

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DMS DEFAULT SETUP

Note: *Items in* ***Bold*** *may require Local Settings.*

FIGURE 8

Menu	Key	Parameters Available (Not all will display for a given emulation, keyboard, or video mode)		
Quick	**F1**	Emulation = VT-100 Comm Mode = Full Duplex Host/Printer = SER1/Para	**SER1 Baud Rate = 9600** Enhanced = On	**SER1 Data Format = 8/1/N** Language = U.S.
General	**F2**	Emulation = VT-100 Screen Saver = 5-min Warning Bell = On Host/Printer = SER1/Para	Enhanced = On Auto Page = Off Bell Length = 350 ms	Auto Wrap = Off Auto Scroll = On Bell Volume = 5
Display	**F3**	Page Length = 24 Display Cursor = On Columns = 80	Screen Length = 26 Lines Cursor = Blink Block Erase Color = Black	Screen video = Normal Auto Adjust Cursor = On Scroll Speed = Full
Keyboard	**F4**	Language = U.S. Key Click = On Num Lock = Toggle	Char Set Mode = ANSI Key Repeat = On Key Lock = Reverse	Margin Bell = Off Key Rate = 20 cps Caps Lock = Toggle
Keys	**F5**	Enter Key = <CR> Alt Key = Compose UDKS = Emul Dependent	Return Key = <CR> Disconnect = Pause	Backspace = <BS>/<DEL> Return Key Repeat = Off
Ports	**F6**	SER1 Baud Rate = 9600 SER1 Xmt = Xon-Xoff SER1 Break = 250 ms	SER1 Data Format = 8/1/N SER1 Recv = Xon-Xoff(XPC) SER1 Modem Control = Off	SER1 Parity Check = Off SER1 Xmt Pace = Baud SER1 Disconnect = 2 sec
Host	**F7**	Comm Mode = Full Duplex Recv <DEL> = Ignore Send Region = Screen	Local = Off Null Suppress = On Send End = Region	Recv <CR> = <CR> Send Block Term = None
Print	**F8**	Prnt Mode = Normal	Prnt Region = Screen	Prnt Block = None
Emulation	**F9**	Numeric Kpd = Numeric ANSI-ID = VT320 Status Line = Indicator	Cursor Kpd = Cursor Feature Lock = Off	Send Data = All Function Key Lock = Off
Tabs	**F10**	Auto Init Tabs = Off	Default Tabs	
Answerback	**F11**	Answerback Mode = Off	Answerback Conceal	
Program	**F12**	Key = F1	Program = F/Key	Key Dir = Comm Dependent
Execute	**Prt Sc**	Save Terminal Reset Terminal Clear Screen	Recall Terminal Default Session UDKS Terminal Version	Default Terminal Reset Ports Update Terminal
Exit Setup	**Pause**	Save all? (Y/N)		

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NOTES & TIPS

DMS CURRENT LOOP INSTALLATION NOTES ..... Pgs. 10 - 14

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NOTES & TIPS

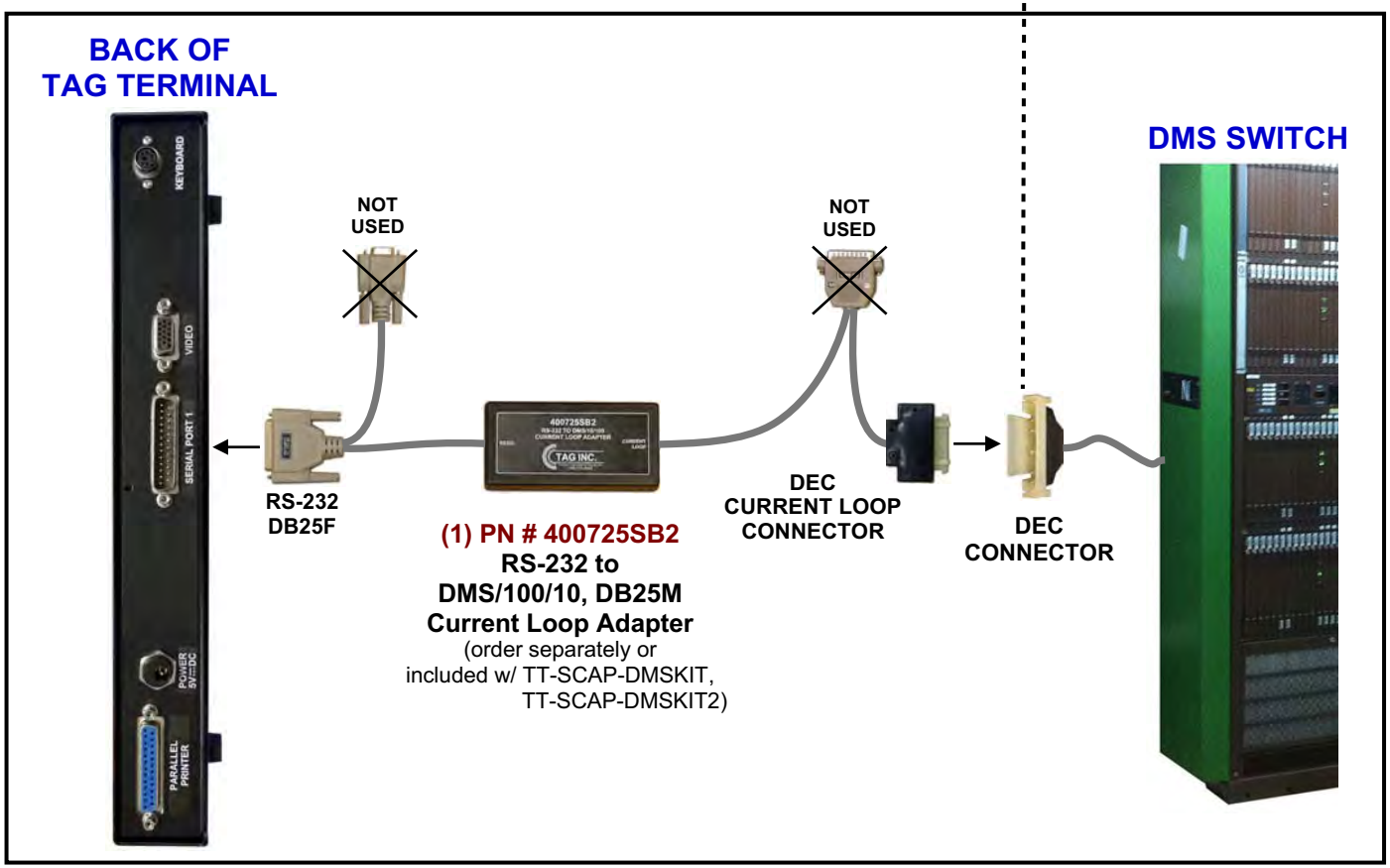
DMS CURRENT LOOP INSTALLATION NOTES

IF YOU HAVE:

FLAT DEC CONNECTOR FROM THE SWITCH

- USE 400725SB2 CURRENT LOOP ADAPTER

FIGURE 9



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NOTES & TIPS

DMS CURRENT LOOP INSTALLATION NOTES

IF YOU HAVE:

A CURRENT LOOP TO MMJ ADAPTER FROM THE SWITCH

- USE THE 400725SB2 CURRENT LOOP ADAPTER

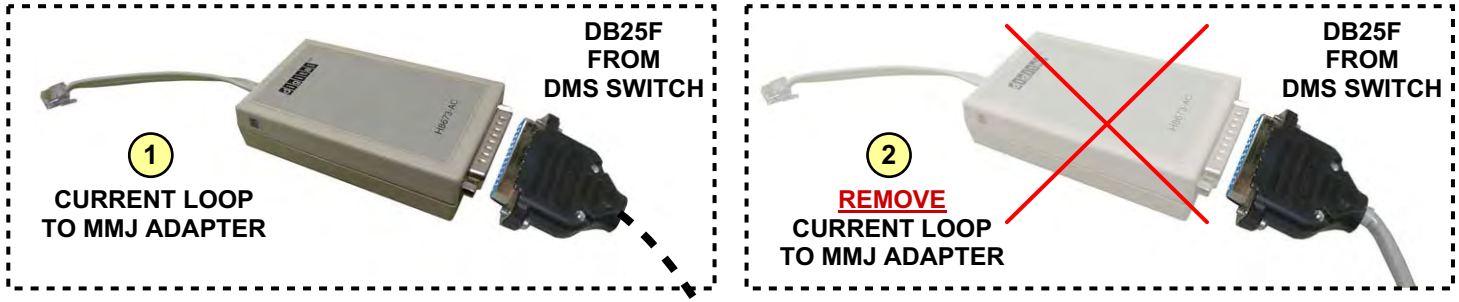
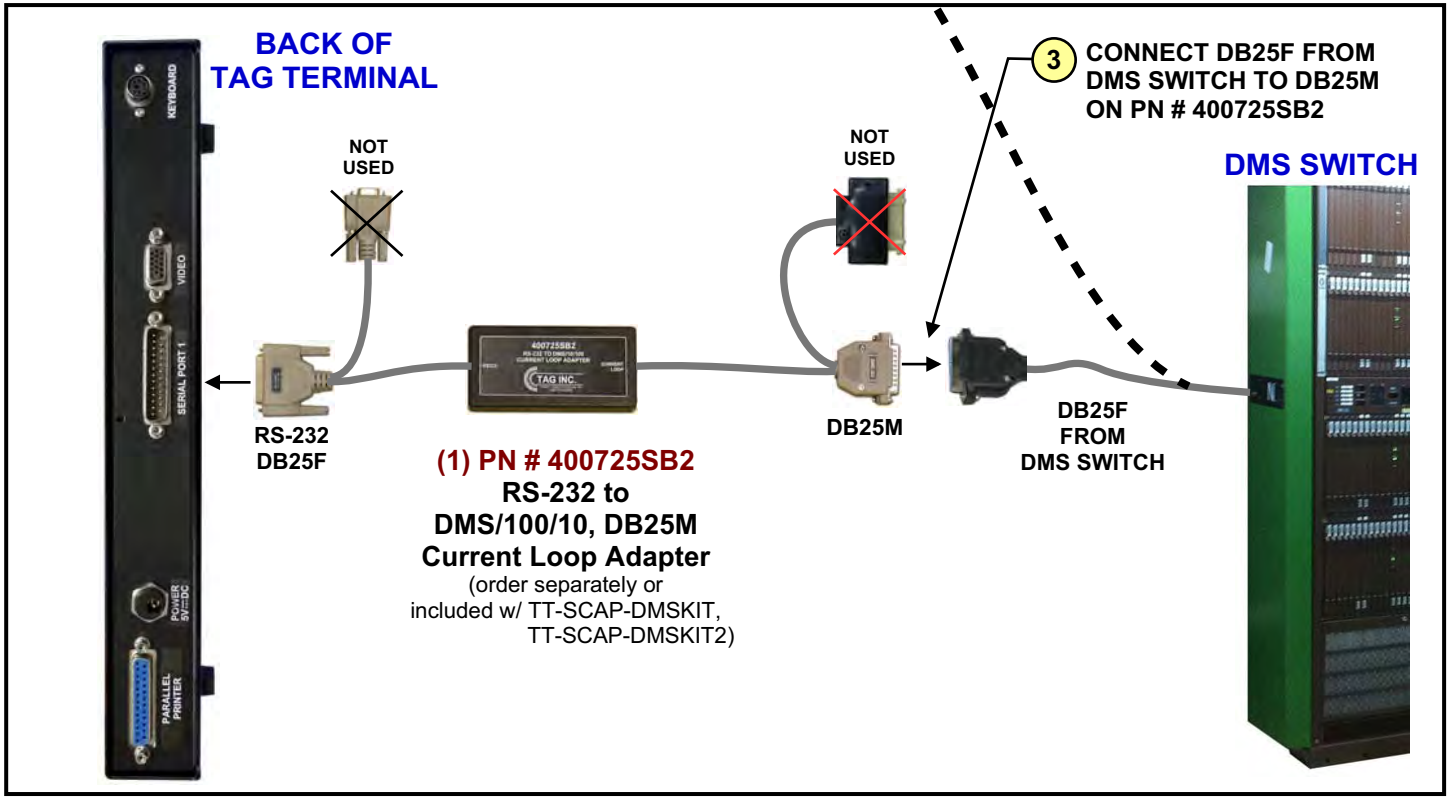


FIGURE 10



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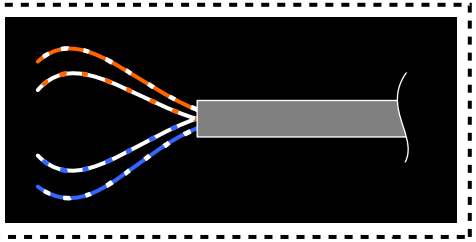
NOTES & TIPS — DMS CURRENT LOOP INSTALLATION NOTES

IF YOU HAVE:

BARE WIRE FROM THE SWITCH OR A BROKEN CONNECTOR

- USE THE 400725SB2 CURRENT LOOP ADAPTER w/ THE 400725SBW HARDWIRE ADAPTER

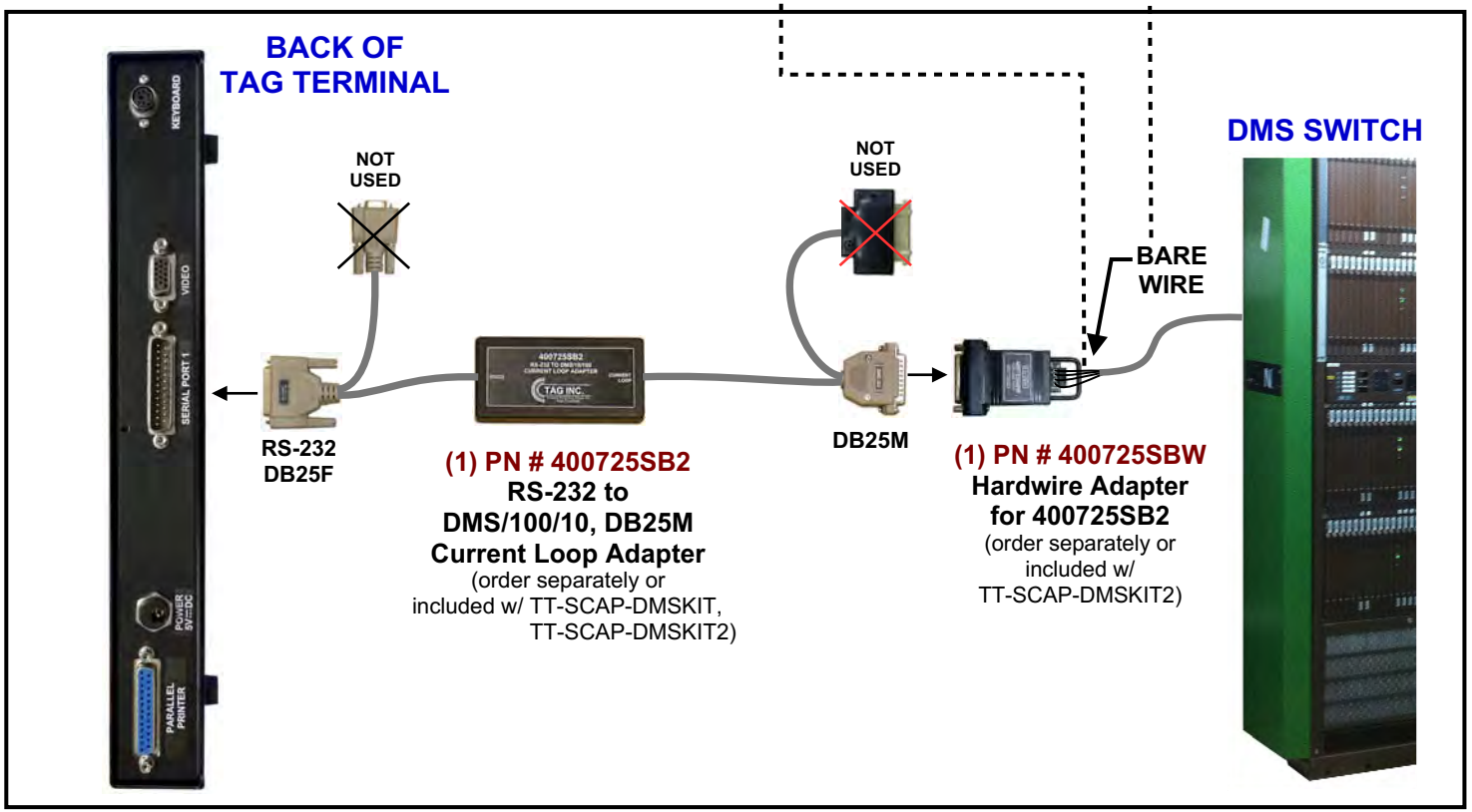


WIRING DETAIL*:

** Most common - Colors may vary*

If colors are different, - DO NOT SEPERATE PAIRED WIRES

FIGURE 11



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NOTES & TIPS — DMS CURRENT LOOP INSTALLATION NOTES

CURRENT LOOP PAIR DETERMINATION:

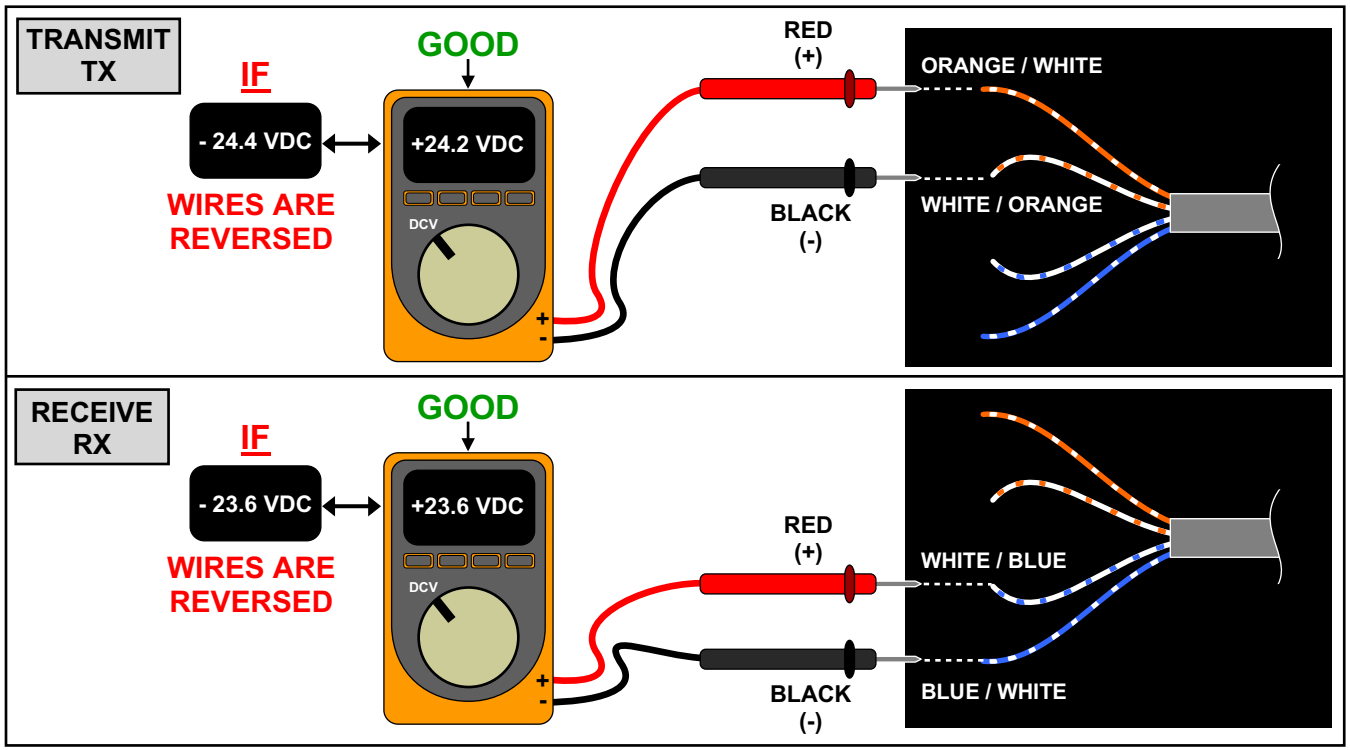
1. **SET VOLT-OHM METER TO DCV SETTING**
   (WITH THE WIRES DISCONNECTED)
2. **CONNECT THE (+) RED PROBE TO THE ORANGE / WHITE WIRE & THE (-) BLACK PROBE TO THE WHITE / ORANGE WIRE**
3. **COMPARE THE READINGS & POLARITIES (AS SHOWN BELOW)**
   (VOLTAGES SHOWN ARE APPROXIMATE & ACTUAL VALUES MAY BE DIFFERENT)
4. **REPEAT STEPS 2 & 3 FOR THE WHITE / BLUE PAIR**
5. **NOTE: RECEIVE PAIR VOLTAGE IS SLIGHTLY LOWER THAN TRANSMIT PAIR VOLTAGE**
6. **ATTACH THE WIRES TO PN # 400725SBW ACCORDING TO THE POLARITY FOUND IN THE WIRING DETAIL**

   - TRANSMIT (+) TO T+
   - TRANSMIT (-) TO T-
   - RECEIVE (+) TO R+
   - RECEIVE (-) TO R-

WIRING DETAIL*:

** Most common - Colors may vary*
If colors are different, - DO NOT SEPERATE PAIRED WIRES

FIGURE 12



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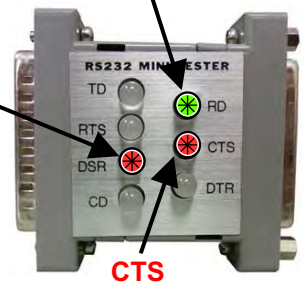
NOTES & TIPS

DMS CURRENT LOOP INSTALLATION NOTES

IF YOU HAVE:

AN EXISTING TERMINAL w/ DB25 CONNECTOR

- USE THE 400725LB



PN # 400725LB
DB25M to DB25F
Mini Tracer
(order separately)

1. **TO DETERMINE IF THE CABLE FROM THE DMS SWITCH IS RS232, USE PN # 400725LB MINI TRACER**

DB25

2. **- IF THE TRACER LIGHTS AS SHOWN, THE CABLE IS RS232. CONTINUE TO INSTALL - SEE STEP 3.**

- IF RS232 IS NOT PRESENT, CALL TAG FOR ASSISTANCE @ 856-753-8585

FIGURE 13

BACK OF TAG TERMINAL

DB25 (RS-232)
FROM DMS SWITCH

DMS SWITCH

(1) PN # 400700
DB25F Gender Changer
(INCLUDED - IF NEEDED)

3. **IF RS232 IS PRESENT, CONNECT THE DB25 TO THE BACK OF THE TERMINAL.**

IF NECESSARY, USE THE SUPPLIED GENDER CHANGER (PN # 400700).

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