SEA 520D Interface

The following items are included in the SEA 520D cable interface kit:

1. SEA 520D interface cable assembly.
2. Instruction sheet.

The following steps outline the procedure for interfacing the SEA 520D radio to the TrakIt-20.

1. Set the TrakIt-20 up for a bench test and use the AVL Installer program to set the following operating constants in the installer table to the indicated value:

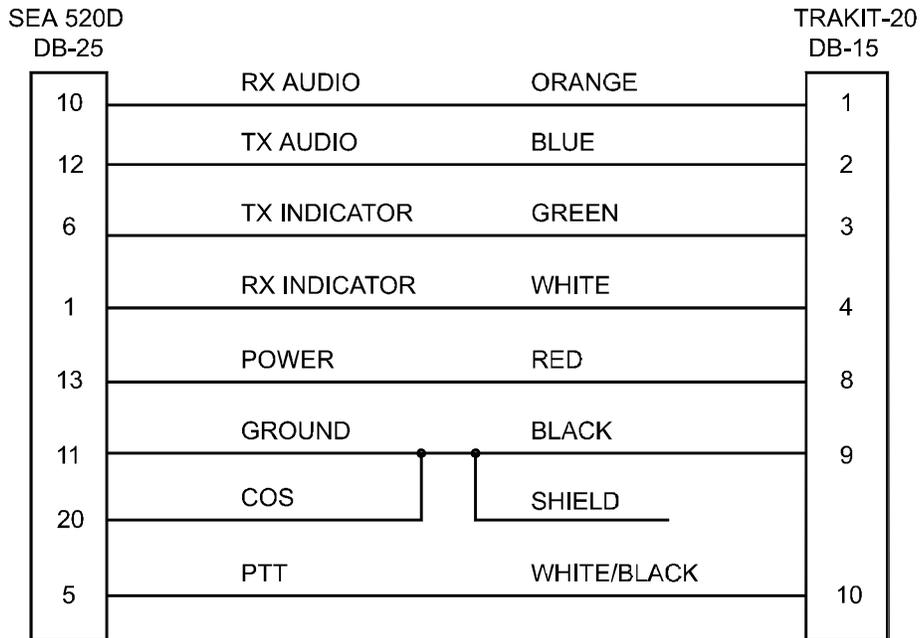 | | |
   |---|---|
   | Transmit indicator active: | Low |
   | Receive indicator active: | Low |
   | PTT output active: | Low |
   | Enable mic mute gate on transmit: | No |
   | External output active: | Low |
   | External output mode: | Speaker mute |

   ** Enable TX while RX and enable TX while TX using the TrakIt-20 installer software.

2. Configure the following jumpers as indicated:

JP1	IN
JP4	B-C

3. In the SEA RSS, set data LTR code in the system menu.

4. Connect the interface cable between the radio and the TrakIt-20.

5. Adjust R2 on the TrakIt-20 board about ¼ turn from full counter-clockwise.

6. Adjust R3 on the TrakIt-20 board to read about 300mV, or until proper operation is achieved.

SEA 520D Interface (cont.)

SEA 520D DB-25			TRAKIT-20 DB-15
10	RX AUDIO	ORANGE	1
12	TX AUDIO	BLUE	2
6	TX INDICATOR	GREEN	3
1	RX INDICATOR	WHITE	4
13	POWER	RED	8
11	GROUND	BLACK	9
20	COS	SHIELD	
5	PTT	WHITE/BLACK	10

SEA 520D INTERFACE CABLE KIT
106-SEA520D

Item	Description	Part No.	Qty.
1	CONN DB25 MALE	231-0005	1
2	SCREW/CLIP KIT	231-0014	1
3	COVER DB25	231-0015	1
4	CONN DB15 MALE	231-0035	1
5	COVER DB15	231-0036	1
6	CBL, 8 CONN 22 AWG STR	800-1114	1'