

Motorola MaxTrac Interface

The following items are included in the Motorola MaxTrac interface kit:

1. MaxTrac interface cable assembly.
2. Cable tie.
3. Instruction sheet.

The following steps outline the procedure for interfacing the Motorola MaxTrac 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:	High
PTT output active:	Low
Enable Tx indicator as event 2:	No
External output active:	Low
External output mode:	Speaker mute

2. Configure the following jumpers as indicated:

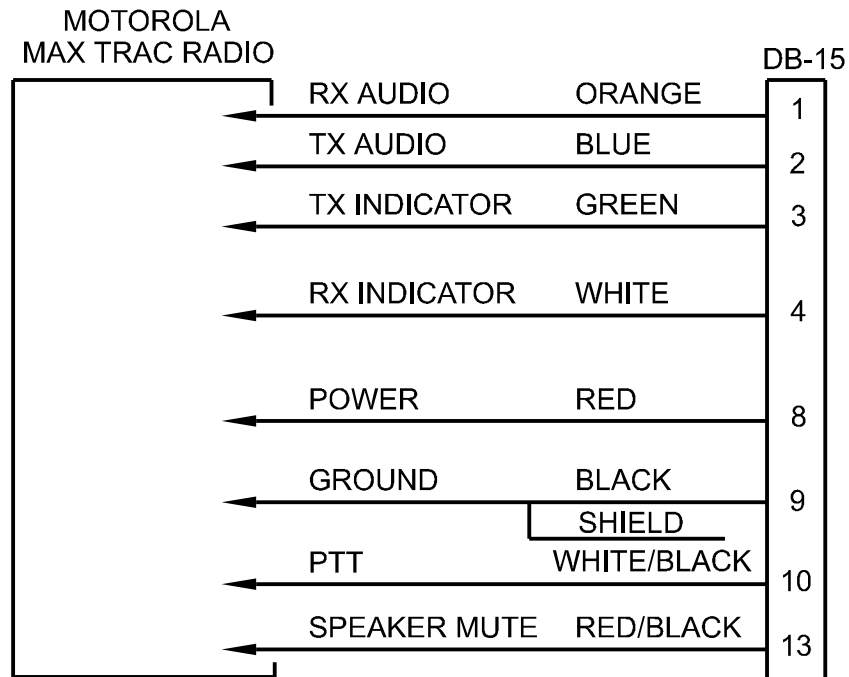
JP1	Removed
JP4	B-C

3. Remove the control head and the top and bottom covers of the MaxTrac radio by following the instructions in the MaxTrac service manual.
4. Pass the white, red, green, and red/black wires from the MaxTrac interface cable through the accessory connector hole in the radio chassis before connecting them to points internal to the radio.
5. Solder the white wire of the MaxTrac interface cable to pin 6 of U803.
6. Solder the red wire of the MaxTrac interface cable to pin 5 of J8.
7. Solder the green wire of the MaxTrac interface cable to pin 1 of J9.
8. Solder the red/black wire of the MaxTrac interface cable to the junction of C804 and R827.
9. Insert the remaining wires of the MaxTrac interface cable into the radio's accessory connector as follows:

Pin #	Wire
2	Blue
3	White/Black
7	Black/Shield
11	Orange

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10. Secure the Max Trac interface cable to the accessory connector with the cable tie strap and connect the accessory connector to the radio.
11. Replace the control head and the top and bottom covers of the radio.
12. Connect the DB-15 end of the MaxTrac interface cable to the DB-15 connector on the back of the TrakIt-20.
13. Check the TrakIt-20's audio levels by performing the alignment procedure described in this manual.



Motorola Max Trac Interface Cable Kit 106-TRCBLMAX

Item	Description	Part No.	Qty.
1	CABLE TIE (SHORT)	200-0081	1
2	SCREW/CLIP KIT	231-0014	1
3	CONN DB15 MALE	231-0035	1
4	COVER DB15	231-0036	1
5	AMP, PINS	234-0096	4
6	CBL, 8 CONN 22 AWG STR	800-1114	1'