

**19D423424G1-18 MASTR II POWER & CONTROL CABLES**

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18-Conductor Power and Control Cables are applied to units with up to two frequencies, transmit and receive, with Channel Guard monitor functions.

30-Conductor Power and Control Cables are applied to units with up to eight frequencies, with Channel Guard monitor functions.

38-Conductor Power and Control Cables are applied to units with up to Twelve Frequencies, with Channel Guard monitor function, and all units using the Multiple Tone Channel Guard Encoder in C800 or C900 Control Units, which requires an extra shielded audio conductor.

The 19D423424 MASTR II Power and Control Cables with long A- conductors are not currently manufactured. For long A- applications, use the appropriate short A- lead version of the 19D423424 and add the long A- conductor using the Ground Extension Cable Kit 19A136690G1 (Also known as Option 9081)

The standard length of the MASTR II Mobile Power and Control Cable is 18 feet. Optional Cables are available in 9 foot and 27 foot length versions. In all cases the A+ lead is six feet longer than the control cable to allow connection to the vehicle battery forward of the fire wall. Therefore, the A+ lead on 18 foot cables measures 24 feet in length. The length of the short A- cable is always six feet. Length dimensions are plus-or-minus 6 inches.

All of the parts associated with the cable connector to the MASTR II radio unit are contained in the Connector Repair Kit 19A130920G1. This Connector Repair Kit includes the connector block, covers, thumbscrew, screws, and contacts necessary to replace in its entirety the connector on the radio end of the MASTR II Power/Control Cables.

Replacement of the connectors on the control unit end of the MASTR II Power/Control Cables can be accomplished using the basic purchased connector 19C320257P1. The connectors normally referred to in maintenance manuals are in the series 19B226516G1-8. The basic 19C320257P1 can be stocked and the un-needed index rib removed to match the correct guide slots for the application.

CABLE NUMBER	NUMBER OF CONDUCTORS	CABLE LENGTH	A-MINUS LENGTH	
19D423424G1	18 Cond.	9 foot	Short	
19D423424G2	18 Cond	18 foot	Short	
19D423424G3	18 Cond	27 foot	Short	
19D423424G4	18 Cond	9 foot	Long	NOT AVAILABLE
19D423424G5	18 Cond	18 foot	Long	NOT AVAILABLE
19D423424G6	18 Cond	27 foot	Long	NOT AVAILABLE
19D423424G7	30 Cond	9 foot	Short	
19D423424G8	30 Cond	18 foot	Short	
19D423424G9	30 Cond	27 foot	Short	
19D423424G10	30 Cond	9 foot	Long	NOT AVAILABLE
19D423424G11	30 Cond	18 foot	Long	NOT AVAILABLE
19D423424G12	30 Cond	27 foot	Long	NOT AVAILABLE
19D423424G13	38 Cond	9 foot	Short	
19D423424G14	38 Cond	18 foot	Short	
19D423424G15	38 Cond	27 foot	Short	
19D423424G16	38 Cond	9 foot	Long	NOT AVAILABLE
19D423424G17	38 Cond	18 foot	Long	NOT AVAILABLE
19D423424G18	38 Cond	27 foot	Long	NOT AVAILABLE

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