

How to Connect Your Rhodan Trolling Motor to the NMEA 2000 Backbone

Parts Needed:

- - 10" Male-to-Male NMEA 2000 Connector
- - 6' NMEA 2000 Cable
- - T-Connector
- - Terminating Resistor (relocated from backbone)
- - 30' NMEA 2000 Cable

Step 1 – Connect the Trolling Motor

Plug one end of the 10" Male-to-Male NMEA 2000 Connector into the trolling motor, and the other end into the 6' NMEA 2000 Cable.

Step 2 – Connect to the T-Connector

Plug the free end of the 6' NMEA 2000 Cable into one side of the T-Connector.

Step 3 – Relocate the Terminating Resistor

Remove the terminating resistor from the end of your NMEA 2000 backbone and install it on the opposite side of the T-Connector near the trolling motor.

Step 4 – Run the 30' NMEA 2000 Cable

Attach the 30' NMEA 2000 Cable to the bottom of the T-Connector, route it through your rigging tubes to the center console, and connect it to the end of the backbone where the resistor was removed.

Step 5 – Final Check

Ensure the backbone has one terminating resistor on each end (one remains at the far end, and the relocated one is now at the T near the trolling motor). Confirm all connections are tight and locked.

✅ The Rhodan trolling motor is now properly integrated into the NMEA 2000 network and ready to communicate with your MFD.

Connection Diagram:

