

Appendix E. Device Connectors

V+, V- - Battery 12V; CAN H, CAN L - NMEA 2000 data;
SCREEN - Not connected in the Device.

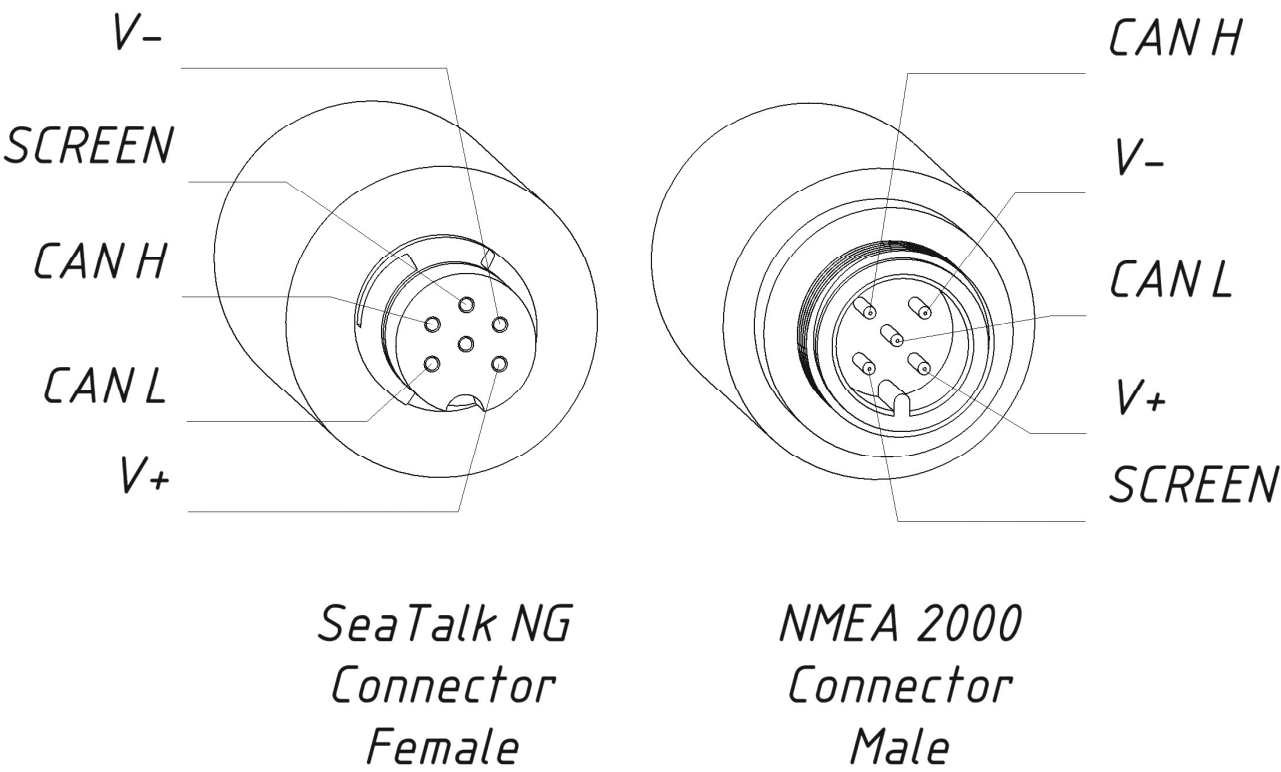
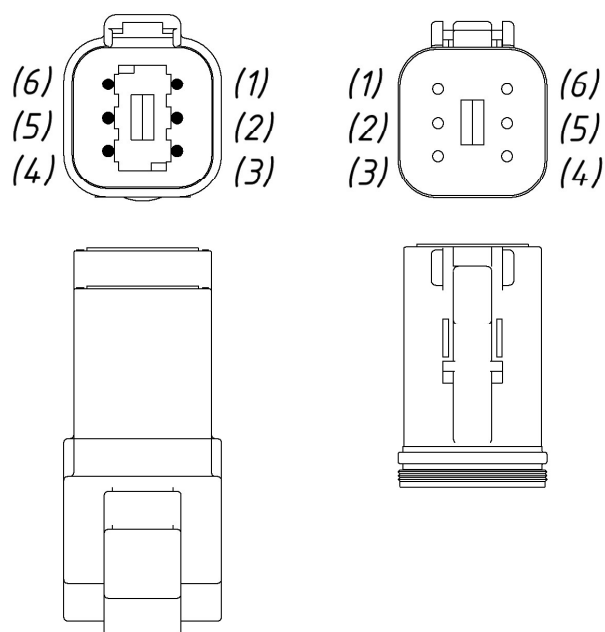


Figure 1. NMEA 2000 connectors of the YDEG-04R (left) and YDEG-04N (right) models



6-pin Deutsch connector

- (1) - CAN1 LOW, Green or Blue
- (2) - CAN2 LOW, Brown
- (3) - CAN1 HIGH, Yellow
- (4) - GND (negative supply, ground), Black
- (5) - CAN2 HIGH, White
- (6) - VCC (positive supply, 10..30V), Red

Pins (2) and (5) are not connected to the Device.

Figure 2. Engine connectors, DTo4-6P (male, left) and u DTo6-6S (female, right)

In the additional connector's plug supplied with the Device, contacts (1) and (2) as well as contacts (3) and (5) are closed with each other. In this way, CAN1 and CAN2 are united into a single network. Contacts (2) CAN2 LOW and (5) CAN2 HIGH are not connected to the Device.

Appendix F. Adaptor for 8-pin EVC/Vodia Connector

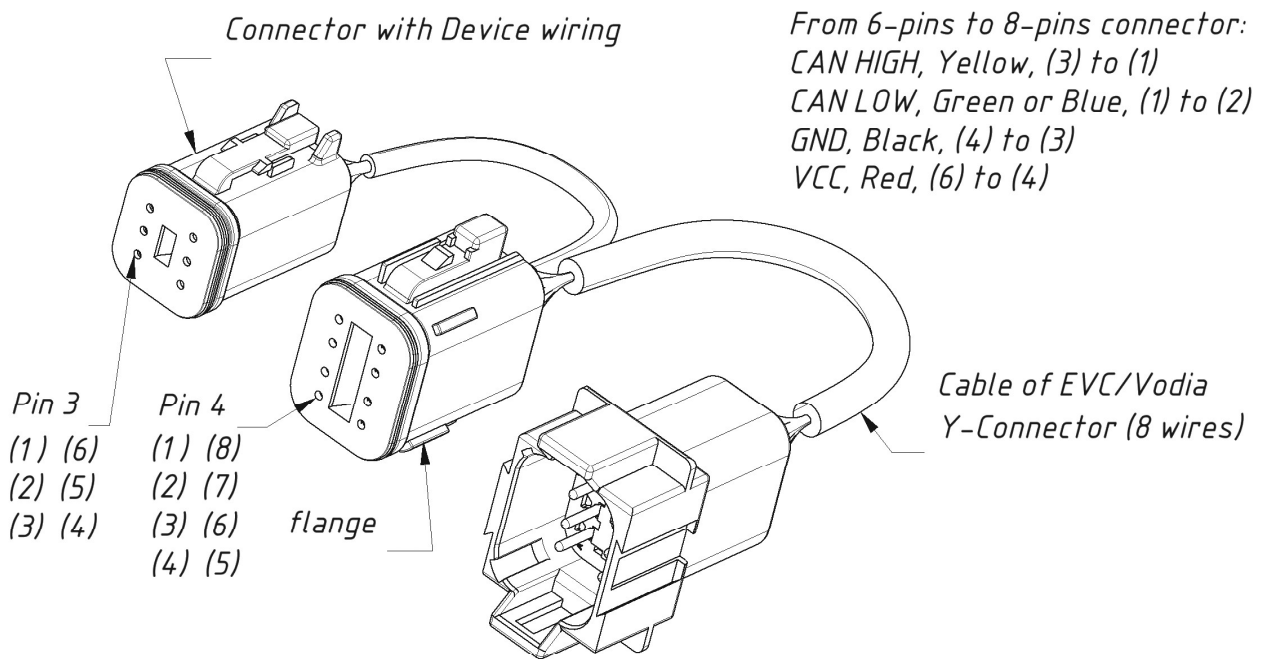


Figure 1. Adaptor for 8-pin EVC/Vodia connector

Colors of incoming wires of EVC/Vodia connector: (1) Blue/Pink [CAN HIGH], (2) Blue/White [CAN LOW], (3) Black [GND], (4) Red/Purple [VCC], (5) Purple [not connected in adaptor], (6) not connected, (7) Yellow/Red [not connected in adaptor], (8) not connected.

Appendix G. Adaptor Cable for BRP Diagnostics Connector

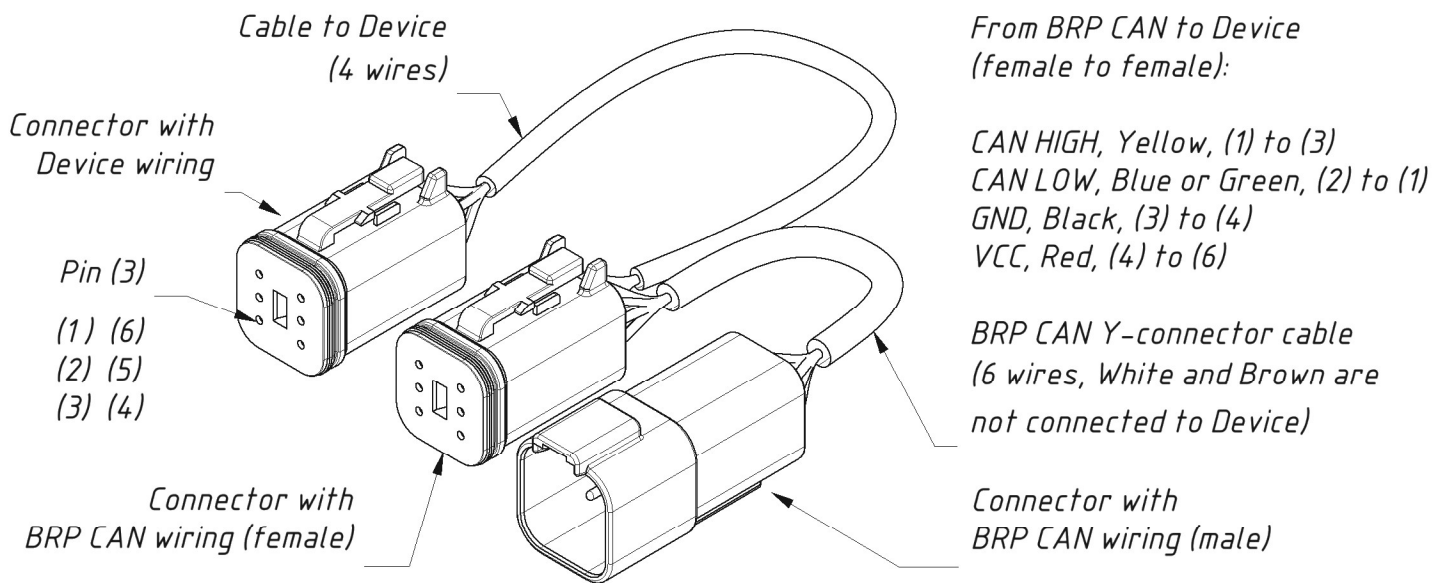


Figure 1. Adaptor Cable for BRP Diagnostics Connector

This cable contains built-in Y-connector. The Device can be connected in series with any of the existing equipment.

Colors of incoming wires of BRP diagnostics connector: (1) White/Red [CAN HIGH], (2) White/Black [CAN LOW], (3) Black [GND], (4) Purple or Yellow/Green or Grey/Red [not connected in adaptor], (5) Red/Purple or Purple [VCC], (6) not connected or Yellow/White.