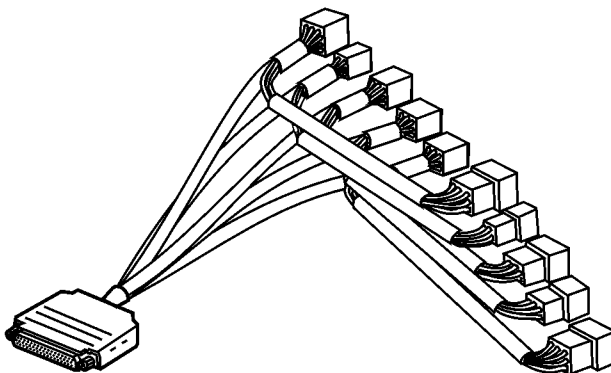


9998596 Breakout Harness

FSB 080-001, 9998596 Breakout Harness

(September 2014)

Certain breakout harnesses (later version of tool number 9998596 with five pairs of connectors) may have been assembled incorrectly during manufacturing. In some cases there may be an open circuit or mismatch between the breakout harness pins and the corresponding breakout box test points.



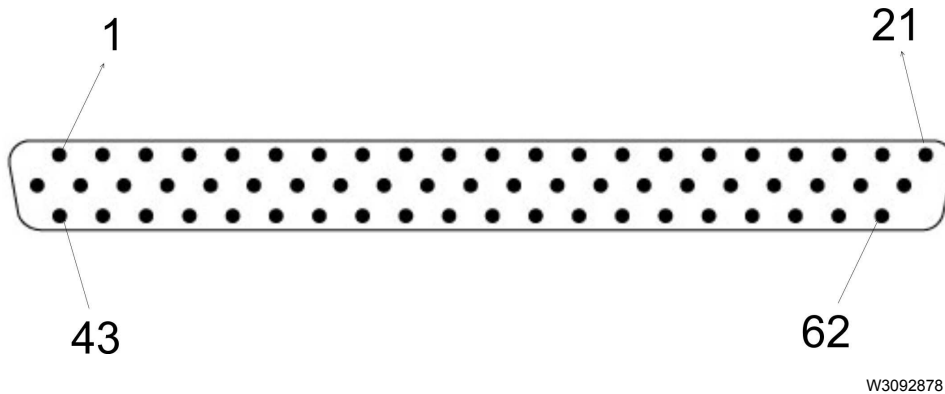
T0010668

Breakout Harness 9998596

To verify that breakout box 9998699 is good, perform the following procedure.

Using a mult-meter, check for continuity between test points and pins on the back of breakout box 9998699. Check for continuity between each of the test points on the front of the box.

Note: Perform the checks without the breakout harness connected to the rear of the breakout box.

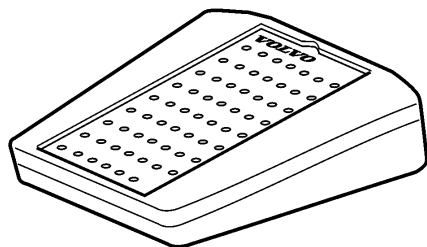


Back of Breakout Box 9998699

- If continuity exists between all test points and pins, the breakout box is good.
- If there is an open circuit or pin mismatch between each of the test points on the front of the box, the breakout box is bad.
- If there is less than 500 kohms between adjacent test points the breakout box is bad.

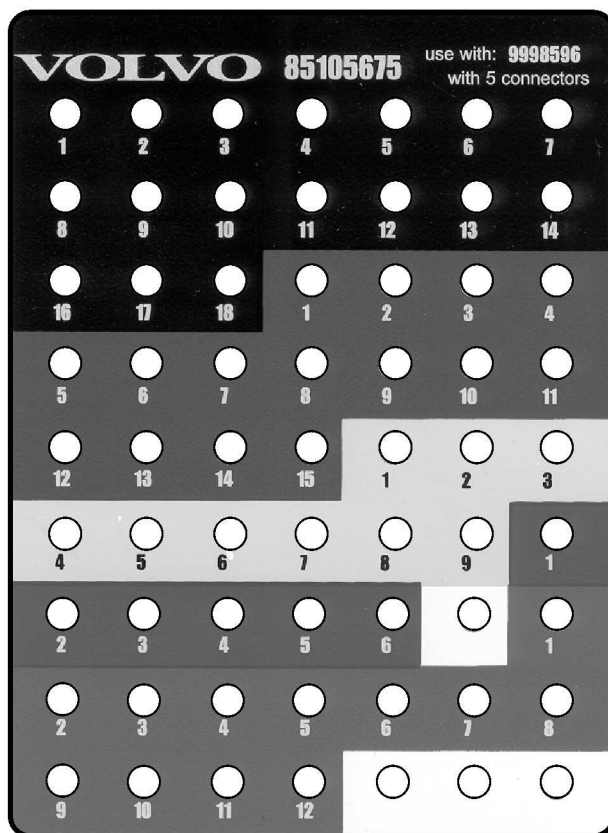
To verify that breakout harness 9998596 has been assembled properly, perform the following procedure.

- 1 Connect breakout harness 9998596 to a known good breakout box 9998699. Install overlay 85105675.



T0010602

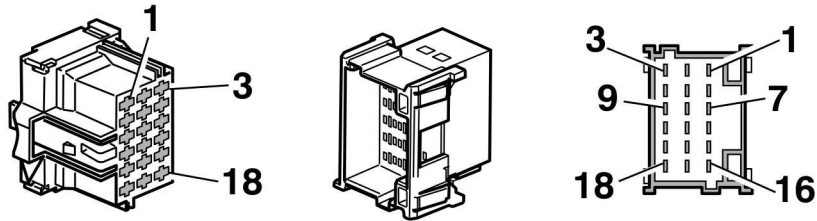
Breakout Box 9998699



W3005966

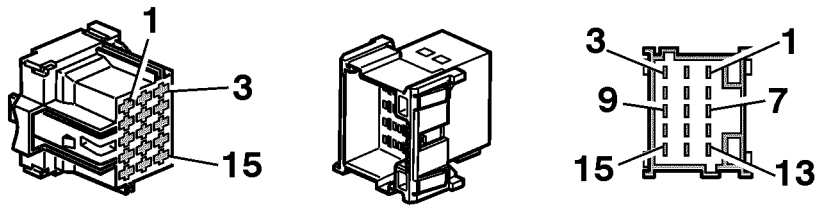
Overlay 85105675

2 Use a multi-meter to check for continuity between all the test points on the overlay and the corresponding pins on all five pairs of connectors. The overlay is color coordinated to match the connector colors. Test point location "1" on the overlay corresponds with pin "1" on the same color connectors..



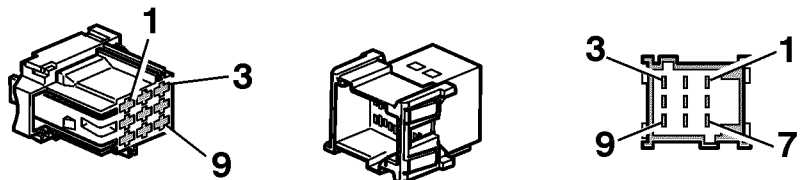
W3090252

Black 18-Pin Connector (Pin 15 is not used)



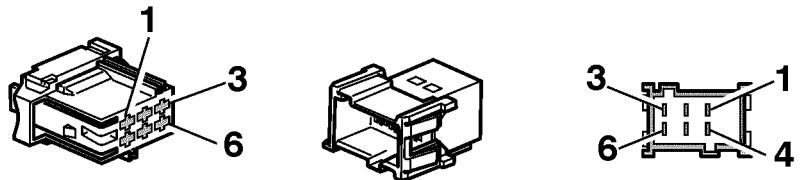
T3019800

Violet 15-Pin Connector



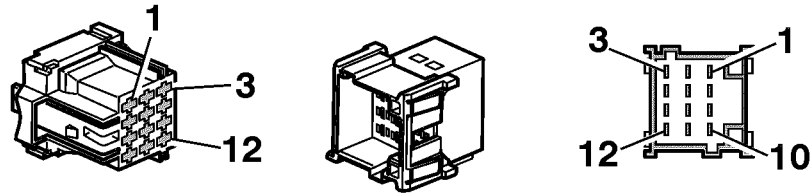
T3019929

Yellow 9-Pin Connector



T3019918

Blue 6-Pin Connector



T3019801

Green 12-Pin Connector

- If continuity exists between all corresponding test points and pins, the breakout harness is correctly assembled.
- If continuity **does not** exist between all corresponding test points and pins, send harness to:
Aftermarket Technology
7900 National Service Road
Greensboro, NC 27409
Attn: Kent Benfield/Drew Stanley TC1-35

Upon verification of incorrect continuity, either a repaired or new harness will be sent. Please be sure to include all contact information.