

Tech Tips

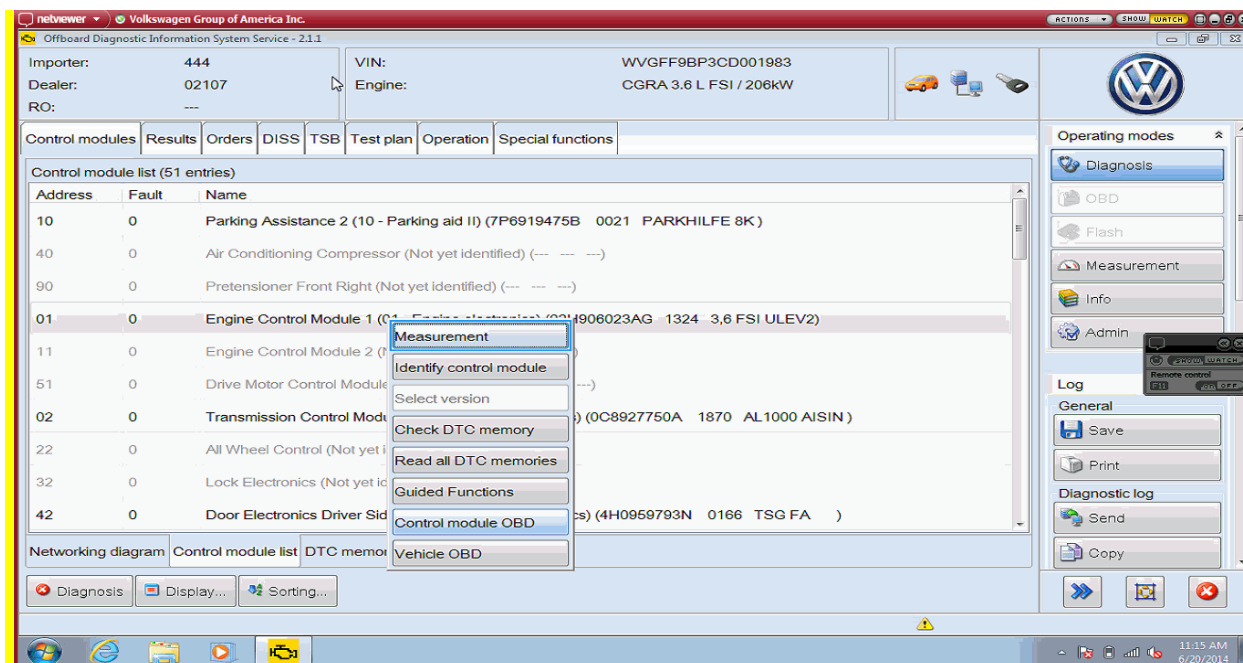
TT 20-12-02

Date: March 30, 2012

2010-2012 Touareg with V6 3.6L-Evap Tank Leak Test

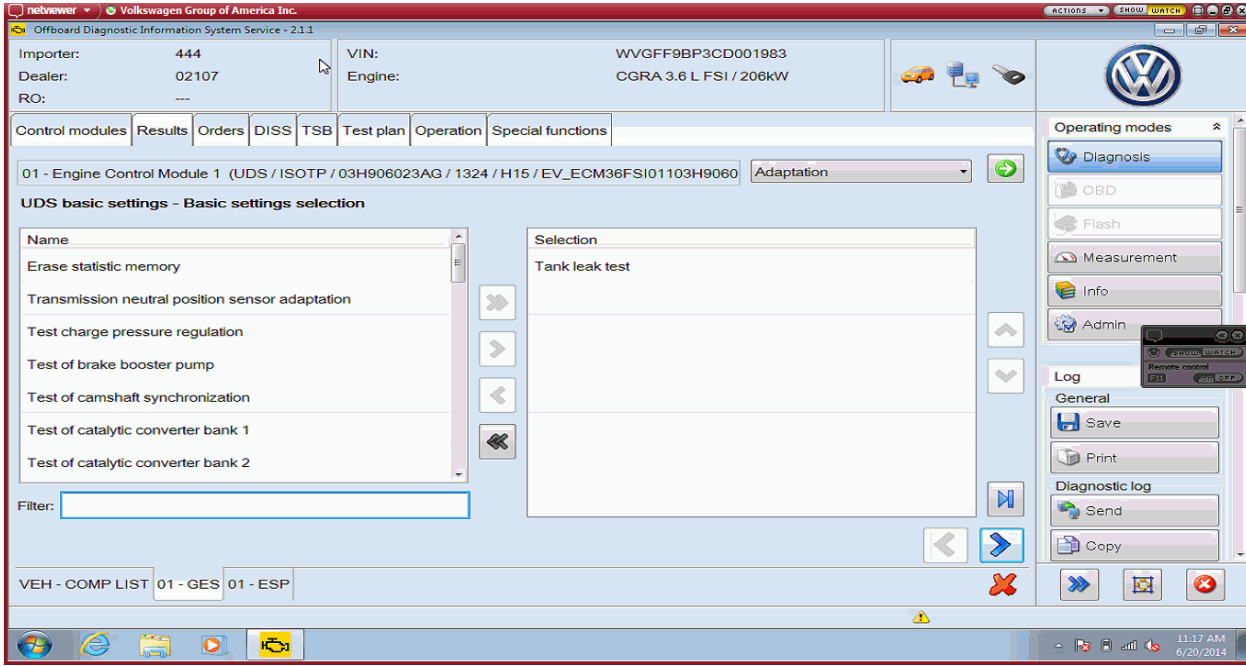
June 27, 2014: Update to Information.

It is recommended to perform the EVAP tank leak test on V6 equipped Touareg through Control Module OBD. The test can be selected from the basic settings selection under the ECM address 01. Select "Tank Leak Test" basic setting and then select "Measured Values" so that the readings can be monitored during the test (Figure 2). Select "Tank Leak, Result" and "Tank Leak, Status" from the drop down list and press the "forward" arrow to continue. Press the "forward" arrow again and then the "Start" button. The brake and gas pedal must both be depressed in order for the test to begin.



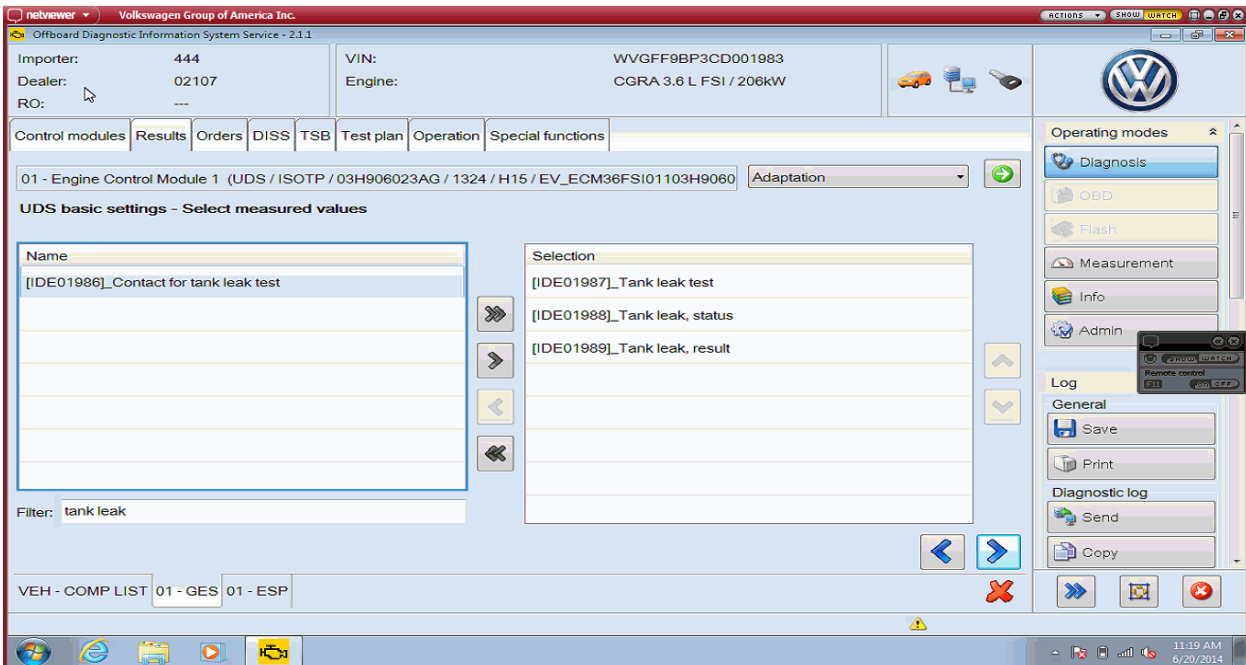
Service Information

Control Module OBD



The screenshot shows the 'netviewer' application window for Volkswagen Group of America Inc. The main window displays 'Offboard Diagnostic Information System Service - 2.1.1'. At the top, there are fields for Importer (444), Dealer (02107), RO (---), VIN (WVGFF9BP3CD001983), and Engine (CGRA 3.6 L FSI / 206kW). Below this, there are tabs for Control modules, Results, Orders, DISS, TSB, Test plan, Operation, and Special functions. The 'Control modules' tab is active, showing '01 - Engine Control Module 1 (UDS / ISOTP / 03H906023AG / 1324 / H15 / EV_ECM36FSI01103H9060)' with an 'Adaptation' dropdown and a green arrow icon. The main area is titled 'UDS basic settings - Basic settings selection'. It features a 'Name' list on the left with items like 'Erase statistic memory', 'Transmission neutral position sensor adaptation', 'Test charge pressure regulation', 'Test of brake booster pump', 'Test of camshaft synchronization', 'Test of catalytic converter bank 1', and 'Test of catalytic converter bank 2'. A 'Selection' list on the right contains 'Tank leak test'. A 'Filter' field is empty. At the bottom, there are 'VEH - COMP LIST' buttons for '01 - GES' and '01 - ESP'. The right sidebar contains 'Operating modes' (Diagnosis, OBD, Flash, Measurement, Info, Admin) and a 'Log' section with 'General' (Save, Print) and 'Diagnostic log' (Send, Copy) options. The system tray shows the time as 11:17 AM on 6/20/2014.

Basic settings Tank Leak



The screenshot shows the same diagnostic software interface as above, but with the 'UDS basic settings - Select measured values' section active. The 'Name' list on the left now contains '[IDE01986]_Contact for tank leak test'. The 'Selection' list on the right contains '[IDE01987]_Tank leak test', '[IDE01988]_Tank leak, status', and '[IDE01989]_Tank leak, result'. The 'Filter' field now contains the text 'tank leak'. The rest of the interface, including the top information fields, tabs, and right sidebar, remains the same as in the previous screenshot. The system tray shows the time as 11:19 AM on 6/20/2014.



Service Information

Select MVB

The screenshot shows the netviewer diagnostic tool interface. At the top, it displays vehicle information: Importer: 444, Dealer: 02107, RO: ---, VIN: WVGF9BP3CD001983, and Engine: CGRA 3.6 L FSI / 206kW. The 'Control modules' tab is active, showing '01 - Engine Control Module 1 (UDS / ISOTP / 03H906023AG / 1324 / H15 / EV_ECM36FSI01103H9060)'. The 'UDS basic settings - Status: not active' section is visible. Below this, there are two tables: 'Basic settings' and 'Measured values'. The 'Basic settings' table has one row: Name: [IDE00745]_Tank leak test ([VO]_not available), Value: (empty). The 'Measured values' table has two rows: Name: [IDE01989]_Tank leak, result, Value: (empty); and Name: [LO]_Channel 238, Value: Test OFF. At the bottom, there are buttons for 'Start', 'Next', 'Stop', and 'Stop all'. The status bar shows 'VEH - COMP LIST 01 - GES 01 - ESP'.

Double Click on Test to make Run/Start Button Active

The screenshot shows the netviewer diagnostic tool interface after a double-click on the 'Test' button. The 'UDS basic settings - Status: active' section is now active. The 'Basic settings' table has one row: Name: [IDE00745]_Tank leak test ([VO]_not available), Value: (empty). The 'Measured values' table has three rows: Name: [LO]_Channel 237, Value: System test; Name: [IDE01989]_Tank leak, result, Value: (empty); and Name: [LO]_Channel 238, Value: Test ON. At the bottom, the 'Start' button is now active. The status bar shows 'VEH - COMP LIST 01 - GES 01 - ESP' and a progress indicator for 'Update status/measured values: (60%)'. The system clock shows 11:23 AM on 6/20/2014.



Service Information

Depress Throttle and Brake Pedal to Initiate Test

The screenshot displays the netviewer diagnostic software interface for Volkswagen Group of America Inc. The main window shows the following information:

- Importer: 444
- Dealer: 02107
- RO: ---
- VIN: WVGFF9BP3CD001983
- Engine: CGRA 3.6 L FSI / 206kW

The interface includes a navigation menu with tabs for Control modules, Results, Orders, DISS, TSB, Test plan, Operation, and Special functions. The selected module is "01 - Engine Control Module 1 (UDS / ISOTP / 03H906023AG / 1324 / H15 / EV_ECM36FSI01103H9060)".

The "UDS basic settings - Status: active" section contains a table for basic settings:

Name	Value
[IDE00745]_Tank leak test ([VO]_not available)	

The "Measured values" section contains a table:

Name	Value
[LO]_Channel 237	
[IDE01989]_Tank leak, result	
[LO]_Channel 238	Syst.n.OK

At the bottom, there are buttons for Start, Next, Stop, and Stop all. The status bar shows "VEH - COMP LIST 01 - GES 01 - ESP". The right sidebar contains "Operating modes" (Diagnosis, OBD, Flash, Measurement, Info, Admin) and a "Log" section with options for General, Save, Print, Diagnostic log, Send, and Copy. The system tray shows the time as 11:31 AM on 6/20/2014.