

ATTENTION:
 GENERAL MANAGER
 PARTS MANAGER
 CLAIMS PERSONNEL
 SERVICE MANAGER

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.

QUALITY DRIVEN® SERVICE



SERVICE PROCEDURE INFORMATION

APPLICABILITY: 2008 Tribeca Late Model Production,
 2009 Tribeca Early Model Production

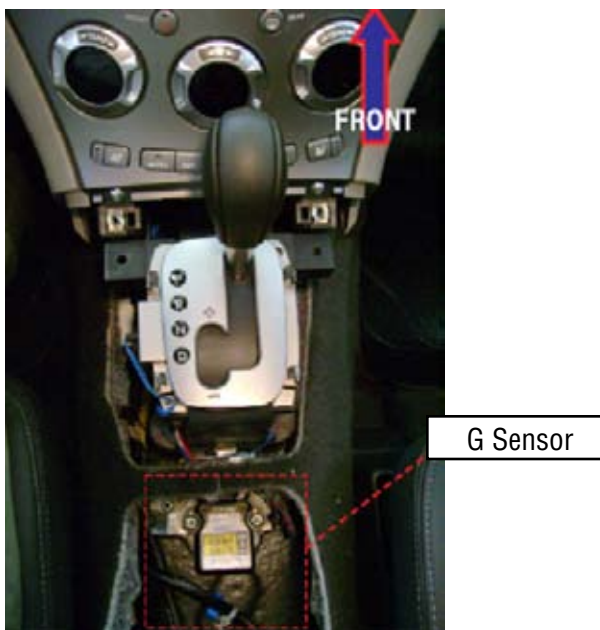
DATE: Dec. 2008

SUBJECT: Incorrect VDC G Sensor Position

VDC G SENSOR POSITION INSPECTION

The VDC G Sensor is located in the center console just below the transmission shifter.

Note: the center console was removed for illustration purposes.



Correct Position (arrow is pointing towards the front of the vehicle.)



Incorrect Position (arrow is pointing towards the rear of the vehicle.)



Move the driver's seat to the most reward position. Position yourself as illustrated.



Push in, slightly pull down, and move the carpet slightly forward to gain a view of the G Sensor. Use a flashlight to verify the direction of the arrow on the G Sensor.

If the arrow is pointing towards the front of the vehicle, no further action is required.

Note: Make sure the carpet is in the original position before returning vehicle to customer.



If the G Sensor arrow is pointing towards the rear of the vehicle, continue with the following procedure.

G SENSOR REPOSITIONING PROCEDURE

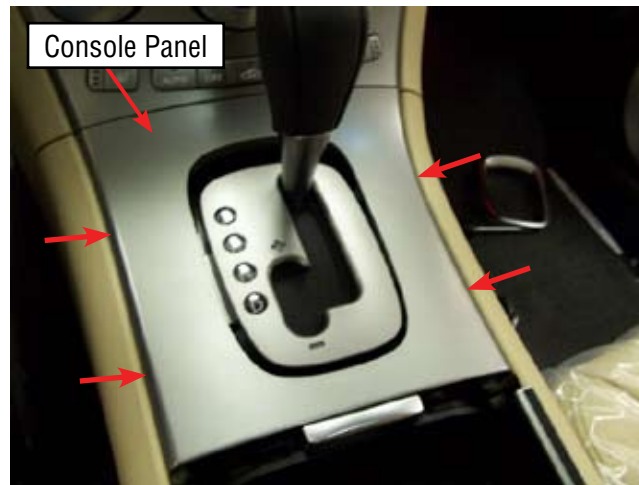
Note: Be extremely careful not to scratch or damage trim pieces when performing the following procedure.

Remove the indicator ring by gently prying up on each corner using a plastic trim tool.



Continued...

Remove the front console panel by gently pushing in on each tab (4) using a plastic trim tool.



Remove the 2 screws that secure the front of the console.



Remove the 4 bolts that secure the upper console pocket.



Continued...

Gently pull the center console assembly rearward to disengage from the lower instrument panel. Carefully position center console assembly upward to gain access to G sensor.



Remove 2 nuts which secure the G sensor to the bracket.



Reposition the G Sensor with the arrow pointing towards the front of the vehicle, install nuts and torque to 7.5 N-m (0.76 kgf-m, 5.53 ft-lb).



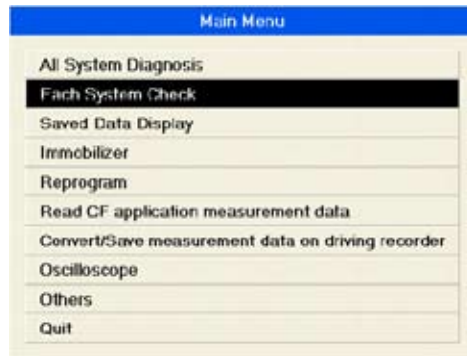
Reinstall console and trim pieces in reverse order of removal.

Use the SDS SMIII to set the following two positions. **Note:** Both procedures are performed at the same time.

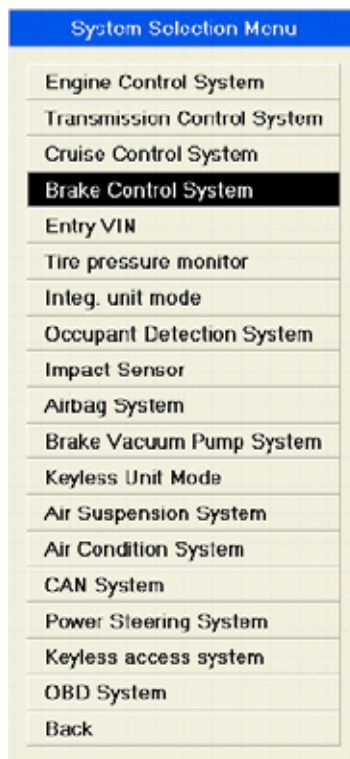
STEERING ANGLE SENSOR AND G SENSOR ALIGNMENT PROCEDURE

Note: Prior to performing the following procedure, make sure that the front wheels are straight, and the steering wheel is centered.

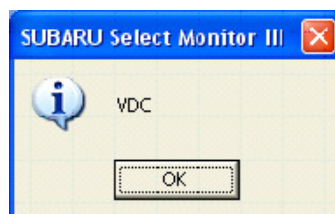
1) Select Each System Check



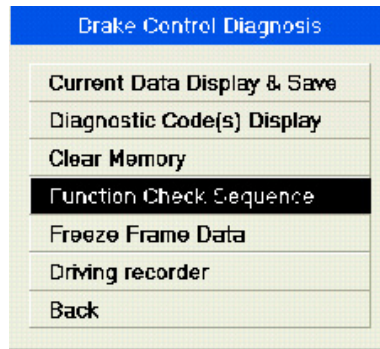
2) Select Brake Control System



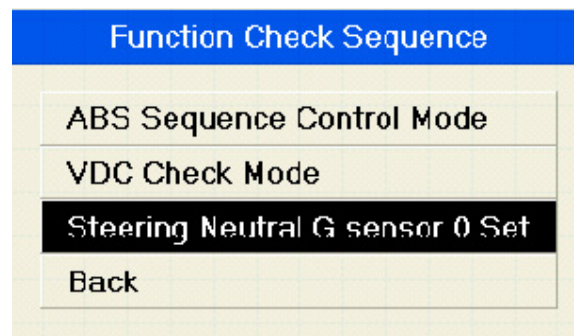
3) Press OK



4) Select Function Check Sequence



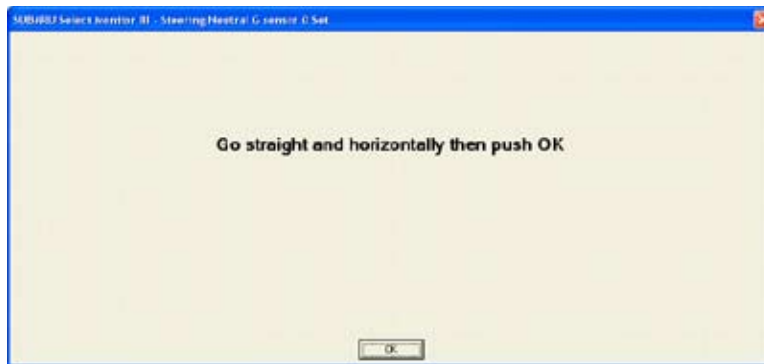
5) Select Steering Neutral G sensor 0 Set



6) Wait and read the following screens.



Continued...



7) At this point in the procedure the steering angle sensor data to the VDC/ABS Control Unit is evaluated. There are 3 possible results from this evaluation:

- A) The steering wheel is perfectly straight.
- B) The steering wheel is off center a small degree.
- C) The steering wheel is off center a large degree.

This is the display when the steering wheel is off center a large degree.



This is the display when the steering wheel is off center a small degree.



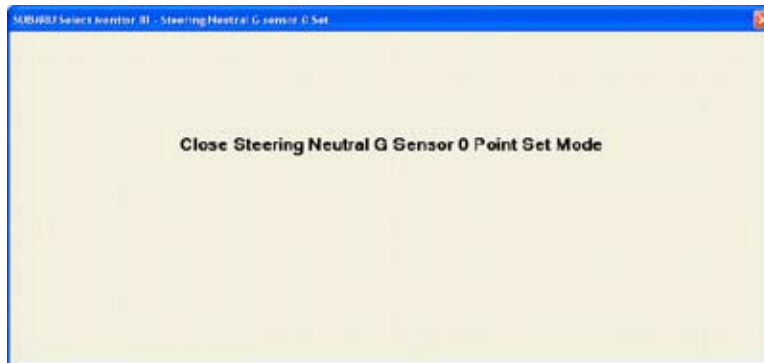
In either case, the display will go back to the function check sequence after a few seconds. Center the steering wheel and repeat the procedure.

NOTE: Centering is best performed by moving the steering wheel to the left and right of the center point and then back to center.

8) When the steering wheel is centered the following screen will be displayed indicating the alignment procedure is beginning.



9) This screen will be displayed when the alignment procedure is complete.



This will conclude the entire repair procedure.

CLAIM REIMBURSEMENT AND ENTRY PROCEDURES

Credit to perform this procedure will be based on the submission of properly completed repair order information. Dealers may enter the applicable claim information through their Dealer Communications System.

CLAIM TYPE / CAMPAIGN CODE	LABOR / LABOR TIME	LABOR OPERATION
RC WVG-17	A156-608 0.2 hrs.	Inspect VDC G sensor.
	A156-601 0.5 hrs.	Inspect, reposition and reprogram VDC G sensor alignment.