

VW Beetle (1Y) Roof Electronics

From Ross-Tech Wiki

Contents

- 1 Reading Roof Electronics Switch Conditions, Electric Power Top
- 2 Opening the top
- 3 Closing the top
- 4 Video Link

Reading Roof Electronics Switch Conditions, Electric Power Top

Measuring Block Group 001 (Top in closed and latched position)													
Field 3			X		Field 4			Data					
0	0	X	1	1	0	0	0	1	0	0	1		
									F323				
									F324				
									Not used, always "0"				
									F325				
									F326				
									Not used, always "0"				
			X										
									F171 (open roof position)				
									F171 (closed roof position)				
									F202				
									Not used, always blank				
									F328				
									Not used, always "0"				

Measuring Block Group 001 (Top in open and locked position)											
Field 3			X		Field 4						
0	0	X	0	0	1	0	1	0	0	1	0

Opening the top

- Top closed and latched, field 3: 00 110
- Top closed and latched, field 4: 001001
 - no warnings if driven like this

- Top closed and unlatched, field 3: 00 010
- Top closed and unlatched, field 4: 001001
 - F202 switch goes from "1" to "0"

- Top just starting to open, field 3: 00 000
- Top just starting to open, field 4: 001001
 - F171 Top Position switch changes from "1" to "0" (closed position status)

- Top about 90% open, field 3: 00 001
- Top about 90% open, field 4: 001001
 - F171 Top position switch changes from "0" to "1" (open position status)

- Top fully open, top locks start to cycle, field 3: 00 001
- Top fully open, top locks start to cycle, field 4: 000000
 - F325 and F325 change from "1" to "0"

- Top fully open, top locks fully cycled, field 3: 00 001
- Top fully open, top locks fully cycled, field 4: 010010
 - F326 and F324 change from "0" to "1"
 - no warnings if driven like this

- Customer installs boot cover over top, field 3: 01 001
- Customer installs boot cover over top, field 4: 010010
 - F328 changes from "0" to "1" when installed.

Closing the top

- Top open and locked, field 3: 00 001
- Top open and locked, field 4: 010010
 - no warnings, safe to drive

- Top open and unlocking, field 3: 00 001
- Top open and unlocking, field 4: 000000
 - Top lock motors cycle behind rear seats

- Top open and unlocked for closing, field 3: 00 001
- Top open and unlocked for closing, field 4: 001001
 - Top locks fully cycles to thier unlock position, top starts to move now

- Top going towards closing position, field 3: 00 000
- Top going towards closing position, field 4: 001001

- Top about 90% closed, field 3: 00 010
- Top about 90% closed, field 4: 001001

- Top closed and latched, field 3: 00 110
- Top closed and latched, filed 4: 001001

Video Link

<http://www.youtube.com/watch?v=VWTrK8-BxpM>

Retrieved from "http://wiki.ross-tech.com/wiki/index.php/VW_Beetle_(1Y)_Roof_Electronics"



Unless otherwise noted, all content on this site is Copyright © 2000-2010 by Ross-Tech LLC. All rights reserved.

"VCDS" is a Registered Trademark of Ross-Tech, LLC.

Ross-Tech is not affiliated with the Volkswagen Group in any way.