



Technical Tip

Topic	57-18-04TT - Remote Start Diagnosis and Cancellation Codes Reference for the - J519 -
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
Date	November 16, 2018

Condition

ATTENTION:

**THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.
TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.**

Remote Start Diagnosis and Cancellation Codes Reference for the -J519- Vehicle Electrical System Control Module

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Passat	2012-2018	All	All	All	All

Technical Background

Quick reference information and description of remote start cancellation codes.

Service

Some questions to be asked first are:

1. Is the Low fuel light on or fuel gauge below ¼ tank full ?
2. Are all buttons being pressed fast enough in the correct order ? Press lock button once, and then remote start button twice within 3 seconds
3. Is a door, hood, or trunk open ?

Usually the answer to one of these questions is yes.

Also, things to note:

- The remote start (RS) has 10 minute duration.
- You get 2 cycles (of 10 minutes), then you have to start the car normally to re-set.
- If all is well, the parking lights will flash with every fob stroke (so one time on the lock, and then twice on the RS button will result in three times parking lights flashing...)
- The range is approx. 50 feet, close enough to see the visual confirmations such as parking lights.



(To make the chart clear, the third column means the function, such as trunk switch, wipers or sunroof, is disabled (not that the RS is disabled).

	RS starts	RS stops	function (not RS) disabled
low fuel light illuminated	no		
door open	no		
door function during RS		yes	
trunk open	no		
trunk switch function during RS			yes
window open	yes		
window function during RS			yes
sunroof open	yes		
sunroof function during RS			yes
hood open	no		
fuel flap open	yes		
radio function during RS			no (radio functions)
press accelerator during RS		yes	
press brake during RS		yes	
wiper function during RS			yes
turn signal function during RS			yes
lights function during RS			yes
lock function during RS		yes	
unlock function during RS		yes	



Technical Tips

J519 MVB 150 - 154 Field 4	J519 - Vehicle Electrical System Control Module Remote Start Cancellation Codes MVB information MVB 150 is the current reason for deactivation MVBs 151, 152, 153 & 154 are historic
Reason code	Description of reason code
1	Remote Starter Timer Expired
2	No Can Bit to ECM Remote Start
3	(Remote) Unlock Button Pressed
4	(Remote) Panic Button Pressed
5	(Remote) Trunk Unlock Button Pressed
6	(Remote) Remote start button pressed
7	Central locking (door lock motor not in locked position)
8	Trunk Opened
9	Hood Opened
10	DWA (unknown)
11	Terminal "S" Active
12	No engine RPMs
13	Park position not recognized
14	Vehicle Speed Greater than Zero
15	MIL Lamp Engine DTC
16	Hazards Active / Emergency Flashers
17	Number of Remote Starts Exceeded
18	Panic Alarm Active
19	Crash Signal Detected
20	CAN signal active
21	Automatic Transmission
22	Terminal "15" Active
23	G85 Steering Angle
24	Engine Speed Greater than "0" (running)
25	DTC 3861
26	DTC 576
27	Driver Door Open
28	Passenger Door Open
29	Driver Rear Door Open
30	Passenger Rear Door Open
31	Actuator test (remote start)
32	Brake Lamp Switch Active
33	Driver Front Door Unlock Switch Activated
34	Driver Front Door Lock Switch Activated
35	Passenger Front Door Unlock Switch Activated
36	Passenger Front Door Lock Switch Activated
37	Driver Rear Door Unlock Switch Activated
38	Driver Rear Door Lock Switch Activated



Technical Tips

39	Passenger Rear Door Unlock Switch Activated
40	Passenger Rear Door Lock Switch Activated
41	Unlock Switch in Center Console Activated
42	Lock Switch in Center Console Activated
43	Start / Stop Switch Activated
128	Terminal "S" Hardwire input Fault (DTC)
129	Terminal "15" Hardwire Output Short to Ground (DTC)
130	Terminal "15" Hardwire Relay Output Short to Ground (DTC)
131	Terminal "15" Hardwire Relay Output Implausible Signal to KL15 Condition Input
132	Terminal "50" HW Short to power
133	Terminal "50" HW Short to Ground
134	Terminal "30" left (DTC)
135	Terminal "30" Right (DTC)
136	Internal Controller Failure (RAM)
137	RAM (DTC)
138	ROM (DTC)
139	Watchdog Triggering Fault
140	Deactivate interrupt called for
141	Processor Overload
142	Control Unit Defective (00003)
143	Failure / Faulty Signal From ECM (MSG for Remote Start)
144	Failure / Faulty Signal From Driver Door (DTC, Lock / Unlock / Open)
145	Failure / Faulty Signal From Passenger Door (DTC, Lock / Unlock / Open)
146	Failure / Faulty Signal From Driver Rear Door (DTC, Lock / Unlock / Open)
147	Failure / Faulty Signal From Passenger Rear Door (DTC, Lock / Unlock / Open)
148	Failure / Faulty Signal From Rear Lid (Lock / Unlock / Open)
149	Failure / Faulty Signal Gateway Engine DTC / RPM
150	Failure / Faulty Signal Gateway Body (DTC / Speed / Brake / Selector Lever)
151	Failure / Faulty Signal Gateway Cluster / Kombi (DTC / Speed)
152	Failure / Faulty Signal Gateway Steering Angle Sensor (DTC / Steering Angle)
153	Low Battery / CAN BUS Voltage
154	Failure / Faulty Signal From Airbag (DTC / Crash Signal)
255	Remote Start Active (no criteria of cancelation)

Additional Information

Revision History		
Revision Number	Released Date	Reason For Update
2052992/1	11/16/18	Original publication.

© 2018 Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.