



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

DOT Auto Safety Hotline

Vehicle Owner's Questionnaire To Report Vehicle Safety Defects

1-888-DASH-2-DOT

(1-888-327-4236)

INTERNET: www.nhtsa.dot.gov/1-800-424-9393

FOR AGENCY USE ONLY 100148

Date Received

23-AUG-2011

Repository ☐

Reference No.

10421190

SEP 2 2011

OWNER INFORMATION (Type or Print)

Name

Address

City

MENLO PARK

State

CA

Zip Code

Daytime Telephone Number

E-mail Address

Evening Telephone Number

The information you provide will be used to identify potential safety-related defects. We may share your information with the applicable vehicle manufacturer during an investigation or recall in accordance with the routine uses described in the agency's Privacy Act notice. See 49 FR 53971 (Sep. 3, 2004).

VEHICLE INFORMATION

17 digit Vehicle Identification Number Located at bottom of windshield on driver's side

9BWKE61J7340

Make

VOLKSWAGEN

Model

GOLF

Model Year

2003

Date Purchased

10/2003

Dealer's Name and Telephone Number

N/A

Engine:

No. Cylinders

4

Fuel Type:

GASOLINE

Original Owner

☐

Dealer's City

N/A

State

N/A

Zip Code

N/A

Transmission Type

MANUAL

☒ Antilock Brakes

☒ Cruise Control

Powertrain

1.8L TURBOCHARGED

Multiple Failure:

—

Incident Date(s)

10-AUG-2011

FAILED COMPONENT(S)/PART(S) INFORMATION

Vehicle Component Code: 110000 ELECTRICAL SYSTEM

Failure Mileage

88000

Failure Speed

35

ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE

Tire Make

Tire Model (Name or Number)

Tire Size (Example P215/65R15)

DOT No. (Example: DOTM19ABC036)

☐ Original Equipment
☐ Prior Repair

Failure Location:

Tire Component Code

Tire Failure Type:

ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE

Make:

Date Manufactured:

Model No./Name:

Seat Type:

Installation System:

Child Seat Component Code:

Failed Part:

APPLICABLE INCIDENT INFORMATION

(Please describe in detail the incident(s), failure(s), crash(es), and injury(ies).)

Crash

☐ Yes ☒ No

Fire

☒ Yes ☐ No

Number of Persons Injured

Number of Deaths

Reported to Police

N

Narrative Description of Incident(s), Crash(es), and Injury(ies).

Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e., parts repaired or replaced (and if old part is available).

TL* THE CONTACT OWNS A 2003 VOLKSWAGEN GOLF. WHILE DRIVING APPROXIMATELY 35 MPH, THE CONTACT NOTICED THAT THE AIR CONDITIONER, WINDSHIELD WIPERS AND HEADLIGHTS BECAME INOPERABLE, AS WELL AS THE TURN SIGNALS. THE CONTACT PERFORMED REPAIRS TO THE VEHICLE HIMSELF AND REPLACED THE IGNITION SWITCH. THE CONTACT DETECTED THE IGNITION CONNECTOR HOUSING HAD OVERHEATED WHICH CAUSED THE PLASTIC TO MELT. THE MANUFACTURER WAS MADE AWARE OF THE PROBLEM. THE APPROXIMATE FAILURE MILEAGE WAS 88,000.

Include, if available: Police/Fire Department Report, Photos, and Repair Invoice.

ATTACH ADDITIONAL SHEETS IF NECESSARY

The Privacy Act of 1974-Public Law 93-579 This information is requested pursuant to authority vested in the National Highway Traffic Safety Act and subsequent amendments. You are under no obligation to respond to this questionnaire. Your response may be used to assist the NHTSA in determining whether a Manufacturer should take appropriate action to correct a safety defect. If the NHTSA proceeds with administrative enforcement or litigation against a manufacturer, your response, or a statistical summary thereof, may be used in support of the agency's action.

Narrative Description of Incident(s), Failure(s), Crash(es), and Injury(ies)

- FAILURE OF THE IGNITION SWITCH ALLOWS VEHICLE TO OPERATE, BUT MOST ACCESSORIES BECAME NON-FUNCTIONAL.
- I'VE INCLUDED TWO PHOTOS OF MY BURNED IGNITION SWITCH CONNECTOR AS WELL AS TWO PHOTOS FROM A VEHICLE WITHOUT AN IGNITION SWITCH FAILURE, BUT WITH SIGNS OF THE WIRE OVERHEATING AND THE RED INSULATOR TURNING BROWN.
- ADDITIONALLY, I'VE INCLUDED SOME VW FORUM POSTS FOR VEHICLES HAVING THE SAME/SIMILAR ISSUE

U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE.
Washington, D.C. 20077-9382

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National Highway Traffic Safety Administration
Office of Defects Investigation, NVS-210
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Washington, D.C. 20077-9382**



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has a safety defect?**



If so:

**Use the enclosed
form to file a report.**

or visit:

www.safercar.gov

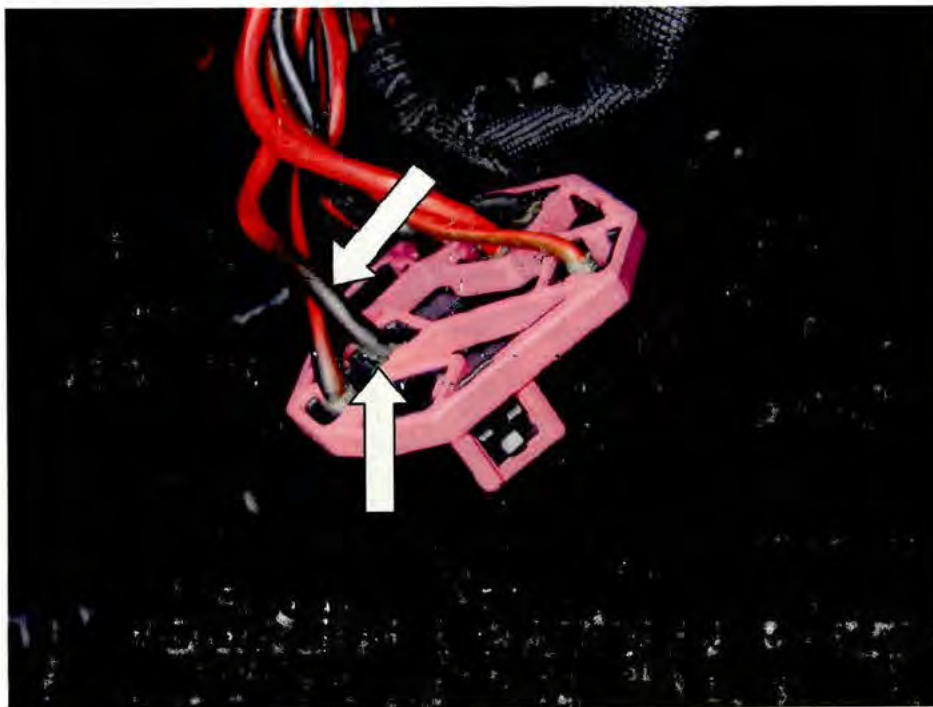
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888-327-4236**

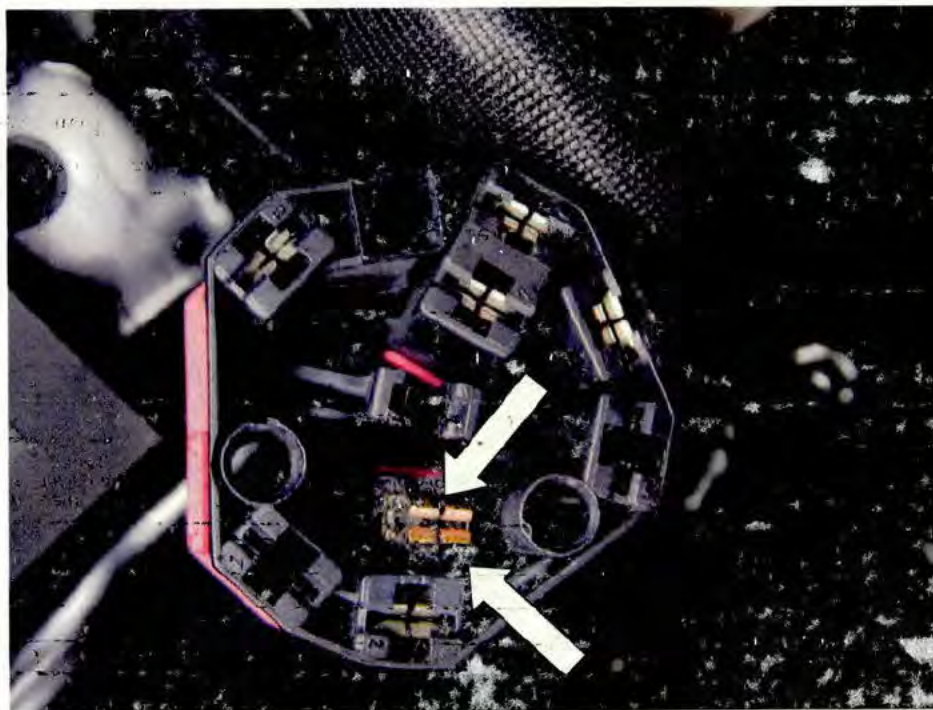


Vehicle Owner's Questionnaire (VOQ)
U.S. Department of Transportation
National Highway Traffic Safety Administration





2003 Volkswagen Golf VIN 9BWKE61J734 [REDACTED]



2003 Volkswagen Golf VIN 9BWKE61J734 [REDACTED]



Photo of Mk4 Golf Steering Column at Tomas Sport Tuning in Berkeley, CA



Photo of Mk4 Golf Ignition Switch Connector at Tomas Sport Tuning in Berkeley, CA

•NOTE INSULATION ON RED WIRE BEGINNING TO TURN BROWN



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Thread: 2000 volkswagen golf ignition switch problems

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JoeNelson
Junior Member



Join Date: Jan 29th, 2011
Location: Wayland MI
Posts: 84
Vehicles: 2000 Volkswagen Golf



2000 volkswagen golf ignition switch problems

04-11-2011 10:17 AM [Reply](#) #1

ive replaced my ignition switch no idea why it went out now i smell a burning and the wires are hot going into the switch what could this be ???? heippppp

F*CK POTHOLES

[Reply With Quote](#)

Spikeroo
Junior Member



Join Date: Aug 13th, 2010
Location: Merrit Island, FL
Posts: 95

04-11-2011 11:00 AM [Reply](#) #2

make sure you don't have a blown fuse, and that its connected right. if you install it and its not all the way in, it can cause complications, but idk if it can cause burning, sounds like an exposed wire.

Originally Posted by [bprz09](#)
Civics have expensive parts?

White MkIV Jetta.

[Reply With Quote](#)

JoeNelson
Junior Member



Join Date: Jan 29th, 2011
Location: Wayland MI
Posts: 84
Vehicles: 2000 Volkswagen Golf



04-13-2011 06:43 AM [Reply](#) #3

i know i dont have a any blown fuses i checked and replaced all of them i just dont know what to look for to find the problem

F*CK POTHOLES

[Reply With Quote](#)

theRevenge
Junior Member



Join Date: Mar 13th, 2005
Location: Bloomington, MN
Posts: 97
Vehicles: 2004.5 VW GLI



04-13-2011 07:25 PM [Reply](#) #4

My guess is the wire going into the harness is being fried. I've searched before and it's apparently known to run "hot". And I'm having the same issues. Replaced my ignition switch, and it was fine for a little bit. A few weeks later, same thing, lost my wipers, blower, turn sigs, etc.

The plastic harness that connects to the Ignition Switch is all melted and j@cked up...

Is replacing the harness the fix? Can I just replace that specific "hot" wire, and get a new connector piece? What's causing this wire to get so hot? Solutions?

 My GLI 

Reply With Quote

LSinLV

04-13-2011 07:53 PM  #5

Member



Join Date: Nov 15th, 2009
Location: Las Vegas
Posts: 6,963
Vehicles: 03 VR6 07 VR6

Originally Posted by **theRevenge**

My guess is the wire going into the harness is being fried. I've searched before and it's apparently known to run "hot".

And I'm having the same issues. Replaced my ignition switch, and it was fine for a little bit. A few weeks later, same thing, lost my wipers, blower, turn sigs, etc.

The plastic harness that connects to the Ignition Switch is all melted and j@cked up...

Is replacing the harness the fix? Can I just replace that specific "hot" wire, and get a new connector piece? What's causing this wire to get so hot? Solutions?

bad grounds...electricity runs from positive to ground, so a poor ground will cause a circuit to overdraw and run hot...find the bad ground in the circuit

Larry - Once, I thought I was wrong, but I was mistaken.

Demokratikally Elekted Minister of Shekels of the Independent People's Republik of Offtopikistan
In response to being called an "illiterate, tax-cheating, wife-swapping, pot-smoking spendocrat"): "I am no longer illiterate."

Reply With Quote

mkeenly

Yesterday 11:45 PM  #6

n00b

Join Date: Aug 23rd, 2011
Location: Menlo Park, CA
Posts: 7
Vehicles: 2003 VW GTI 20th Anniversary Edition

Originally Posted by **theRevenge**

My guess is the wire going into the harness is being fried. I've searched before and it's apparently known to run "hot".

And I'm having the same issues. Replaced my ignition switch, and it was fine for a little bit. A few weeks later, same thing, lost my wipers, blower, turn sigs, etc.

The plastic harness that connects to the Ignition Switch is all melted and j@cked up...

Is replacing the harness the fix? Can I just replace that specific "hot" wire, and get a new connector piece? What's causing this wire to get so hot? Solutions?

I have a 2003 VW GTI 20th Anniversary Edition and my Ignition switch failed this past weekend. After I finally got the whole thing torn down and the part removed, I noticed burnt plastic in the connector housing surrounding the mating contact. Looking on the outside of the connector housing, the one particular wire had browned insulation and some corrosion where the insulation had pulled back and the copper was exposed. I don't think this happened all at once but was degrading over a period of time. I'd recommend contacting VW of America (1-800-822-8987) and NHTSA (1-888-327-4236) and filing a complaint. That's the only way we can get VW to listen and respond. This is clearly a design defect and has nothing to do with operator error. Contact me if you want me to send you some photos.

Mike

Last edited by mkeenly; Today at 11:15 AM

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Thread: bad ignition switch or head light switch?[Thread Tools](#) [Search Thread](#) [Rate This Thread](#) [Display](#)**Kakarot**

Member

Join Date: Mar 18th, 2004

Posts: 174



bad ignition switch or head light switch?

04-27-2008 08:12 PM [Reply](#) #1

About a month ago I put a new ignition switch on my Jetta and now it is doing the same thing as before. If I turn the head light switch on it cuts everything off (Wipers, HVAC, turn signals, head lights). Is there a short in the wiring, do I need a new head light switch or is the new ignition switch bad already? I hear the relay clicking behind the dash and after a few clicks everything will come back on if I turn the head light switch back off. Thanks for any help, I need to fix it tonight or tomorrow morning, so I can go to work.

[Reply With Quote](#)**bluefox280**

Senior Member



Re: bad ignition switch or head light switch? (Kakarot)

04-27-2008 08:24 PM [Reply](#) #2

Got access to a donor working headlight switch to test your theory? That will give you clear indication if it's a headlight switch or ignition switch.
- Erik

Join Date: Dec 17th, 2003

Location: Westfield, CO

Posts: 22,853

• Pattern Draft Imaging.com - "...Where Engineering Discipline and Photography Merge as One..."

[Reply With Quote](#)**Kakarot**

Member

Join Date: Mar 18th, 2004

Posts: 174

04-27-2008 09:23 PM [Reply](#) #3

I think I figured it out. I guess when the ignition switch went bad it melted a wire. When I took the harness back off the switch I noticed one of the connectors (Red wire 30) was melted and the red wire was now brown on the end. I have it fixed for now but I think my only real option is to re-wire it down the road. Thanks.

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All times are GMT -7. The time now is 10:07 AM.

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Thread: Electrical Burning from Ignition Switch.

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USCG_DUB

Member

GLI

Join Date: Feb 22nd, 2008
Location: Fort Myers FL
Posts: 629
Vehicles: 04.5 Jetta GLI



Electrical Burning from Ignition Switch.

03-07-2011 09:35 PM [Reply](#) #1

I am getting alot of heat coming from the power wire going to the ignition switch. There is enough heat to melt the plastic connector into the back of the switch. I replaced part of the wire that was burnt but there is still way to much current going through the wire and I'm not sure what is going on.
I have looked all around and have yet to find anyone that has posted anything on this issue, if anyone can shed some light on to what this problem is I would be very grateful.

Thanks.

04.5 Caged Jetta GLI. Have yet to actually have to use it and hopefully never have too.
[Build thread](#)

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ZMayfield

Member

Join Date: Nov 2nd, 2010
Posts: 121

03-07-2011 09:40 PM [Reply](#) #2

Perhaps an incorrectly placed fuse in the fuse box?

I play drums from time to time. Take a listen at
<http://myspace.com/ehsleeper>

[Reply With Quote](#)

USCG_DUB

Member

GLI

Join Date: Feb 22nd, 2008
Location: Fort Myers FL
Posts: 629
Vehicles: 04.5 Jetta GLI



03-08-2011 07:51 AM [Reply](#) #3

I'll take a look at all the fuses and see. Anyone else have any ideas.

04.5 Caged Jetta GLI. Have yet to actually have to use it and hopefully never have too.
[Build thread](#)

[Reply With Quote](#)

GTINC

Member

Join Date: Jan 28th, 2005
Posts: 18,192
Vehicles: 2000 GTI-GLX

03-08-2011 09:26 AM [Reply](#) #4

Originally Posted by **USCG_DUB**
I.....the power wire going to the ignition switch....

Power wire from or too what?

[Reply With Quote](#)

USCG_DUB

Member

03-08-2011 06:40 PM [Reply](#) #5



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Thread: ignition switch

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barrelbronco

Member



Join Date: Oct 5th, 2005
Posts: 144



ignition switch

03-27-2009 04:49 PM [Reply](#) #1

I recently had an issue with my car where I need to replace the ignition switch and I noticed that the connections and wires were burned up, does anyone know why they burned up like that? and if I put in the new one will this just happen again?

[Reply With Quote](#)

uglybaby

Member



Join Date: Mar 19th, 2006
Posts: 2,816

Likely that the switch itself failed. It happens. Don't know if it will happen again. What happened to let you know it was the ignition switch? Everything back to normal now?

Modified by uglybaby at 4:53 PM 3-27-2009

03-27-2009 04:52 PM [Reply](#) #2

[Reply With Quote](#)

barrelbronco

Member



Join Date: Oct 5th, 2005
Posts: 144



Re: (uglybaby)

03-27-2009 05:02 PM [Reply](#) #3

*Quote, originally posted by uglybaby **

Likely that the switch itself failed. It happens. Don't know if it will happen again. What happened to let you know it was the ignition switch? Everything back to normal now?
Modified by uglybaby at 4:53 PM 3-27-2009

turn signals, headlights, wipers, rear defrost and hvac stopped working.

[Reply With Quote](#)

uglybaby

Member



Join Date: Mar 19th, 2006
Posts: 2,816

that'd do it. everything is good with the new switch?

03-27-2009 08:09 PM [Reply](#) #4

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Thread: Ignition Switch Burnout

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mrkulit99

n00b

Join Date: Jan 14th, 2004

Posts: 1



Ignition Switch Burnout

01-14-2004 11:03 AM [Reply](#) #1

Goodmornign Vortex Members....I was wondering if I can get some insightful feedback from from you. Last night, my signal lights, headlights, and a/c did not not work. The only part that work was my high beams, and that was when I manually held it back, but it didn't work when pushing it forward.

This morning after I dropped it off at the dealership, the service tech said that there was a "BURNOUT IN THE IGNITION SWITCH" and all the wires under the steering wheel were burned out. He said it could have potentially caused a fire. He also said it would cost about \$400

- 1) Can anyone be a little more technical and specific as to how, when, why, and how can I prevent this from happening?
- 2) Does it really cost that much?

Please let me know as soon as possible, as I need to pick up my car this afternoon. Thanks for your help.

Mark

[Reply With Quote](#)

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Thread: Ignition Switch Fried

thesix

Junior Member

Join Date: Apr 12th, 2006

Posts: 36

Vehicles: '02 GTI VR6 24v

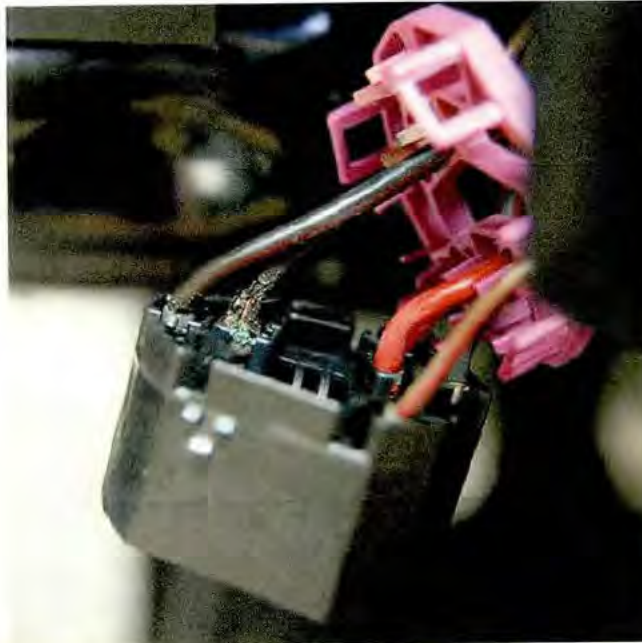
Ignition Switch Fried

07-29-2009 10:06 AM [Reply](#) #1

Last weekend my headlights, wipers, turn signals, AC, and horn stopped working. Through searching and another post I narrowed the issue down to my ignition switch. After taking apart my steering column and getting the switch out, I found this...

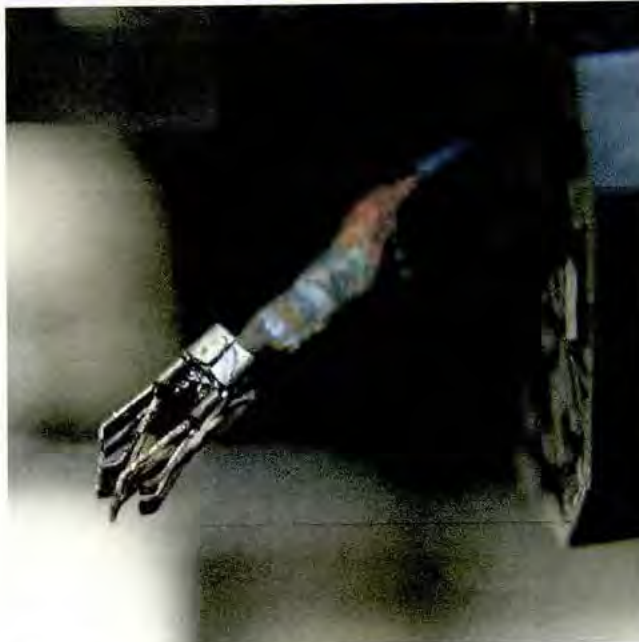


The house which is connected to the switch, with the one of the red wires obvious fried....



So I'm hoping this problem and I'm wondering who else has had this happen. When I took apart the ignition switch itself, nothing appeared to be damaged. No burns no broken pieces, etc. the metal post on the outside corresponding to the fried wire on the housing was corroded, but that was it.

I think I need to replace the housing since all that plastic melted and I chipped it away to get to the connector. Has anyone had to replace the housing pictured above? I can't seem to get the connectors on the wire off of the metal connectors that are supposed to be in the housing, as seen here...



Is there a special tool for this? Anyone know if the housing comes with the metal connectors in it? Thanks for any advice you guys can give me. I'm really desperate to get my car working again.

Modified by thesix at 10:09 AM 7-29-2009

Modified by thesix at 10:11 AM 7-29-2009

Modified by thesix at 10:13 AM 7-29-2009

[Reply With Quote](#)

slawny091

07-29-2009 11:05 AM [Reply](#) #2

Member



Join Date: Jan 18th, 2009
Location: Valparaiso, IN
Posts: 1,286
Vehicles: mk4 gl

Re: Ignition Switch Fried (thesix)
this just happened to me about a week ago!! i can help ☺

:dubnoxiouS:-

LOA #35

Reply With Quote

slawny091

Member



Join Date: Jan 18th, 2009
Location: Valparaiso, IN
Posts: 1,286
Vehicles: mk4 gl

Re: Ignition Switch Fried (slawny091)

07-29-2009 11:11 AM [Reply](#) #3

you will need to buy the ignition switch (\$72) and the piggy-back harness (\$24). Without any special tool, you will not be able to remove the old metal terminals. Do the following:

1. take an old pair or new pair of tweezers and using a grinder or grinding wheel, grind down the ends of the tweezers. don't grind too much or you'll break the tweezers. Once ginded down, insert the tweezers in the front of the harness and push.
2. Take off the pink cover on the housing, this will make the tabs easy to remove. Once removed, apply pressure to the tweezers and pull the terminal out from the back. do this one by one so you don't mix up the wires or mark which ones go where.

The cause of this may be from your Load Reduction Relay. Mine was burn't on two of the terminals and this controls the amount of power going to the switches sort like a resistor. This piece cost \$49.

:dubnoxiouS:-

LOA #35

Reply With Quote

thesix

Junior Member

Join Date: Apr 12th, 2006
Posts: 36
Vehicles: '02 GTI VR6 24v

Re: Ignition Switch Fried (slawny091)

07-29-2009 01:05 PM [Reply](#) #4

Dh thank you so much for replying. I'm going to order those two parts of the ignition switch from 1stvwparts for a decent price. Wasn't sure how to deal with the connectors. I'll try taking them out. I'm a little worried about the integrity of the wire there, but I just need to get it working.
Is there a way to test the load reduction relay to see if it's the origin of the problem?

Reply With Quote

thesix

Junior Member

Join Date: Apr 12th, 2006
Posts: 36
Vehicles: '02 GTI VR6 24v

Re: Ignition Switch Fried (thesix)

07-29-2009 01:57 PM [Reply](#) #5

I don't think the load reduction relay is the problem. I just jammed a screwdriver between the two terminals (2 & 3) on the back of the ignition switch assembly and my ac turned on.
Broke one of those connectors though, can I get those at the dealership?

Also, anyone care to comment whether jumping the two wires like the following picture TEMPORARILY till I get my new parts is a bad idea? Other than the lights, hvac, signals, and wipers being fully functional without a key. and it's pretty ghetto



[Reply With Quote](#)

GTINC

Member
Join Date: Jan 28th, 2005
Posts: 18,192
Vehicles: 2000 GTI-GLX

Re: Ignition Switch Fried (thesix)

07-29-2009 02:56 PM [Reply](#) #6

How much weight do you have hanging on your key when it's in the ignition switch? More than just the weight of the remote?

[Reply With Quote](#)

thesix

Junior Member
Join Date: Apr 12th, 2006
Posts: 36
Vehicles: '02 GTI VR6 24v

Re: Ignition Switch Fried (GTINC)

07-29-2009 03:34 PM [Reply](#) #7

not much more than the remote, couple more keys and an aluminum carabiner. I've had heavier keychains before in this car, haven't had this problem in the five years I've had her. I've tried jiggling the keys and putting pressure in different directions and that's done nothing.

[Reply With Quote](#)

GTINC

Member
Join Date: Jan 28th, 2005
Posts: 18,192
Vehicles: 2000 GTI-GLX

Re: Ignition Switch Fried (thesix)

07-29-2009 03:51 PM [Reply](#) #8

Quote, originally posted by thesix »

not much more than the remote, couple more keys and an aluminum carabiner. I've had heavier keychains before in this car, haven't had this problem in the five years I've had her. I've tried jiggling the keys and putting pressure in different directions and that's done nothing.

I think this extra weight, and the jerking and vibration it causes, progressively makes the connections fail. The switch was not designed to be a hanker hook.

[Reply With Quote](#)

thesix

Junior Member
Join Date: Apr 12th, 2006
Posts: 36
Vehicles: '02 GTI VR6 24v

Re: Ignition Switch Fried (GTINC)

07-29-2009 04:12 PM [Reply](#) #9

Quote, originally posted by GTINC »

I think this extra weight, and the jerking and vibration it causes, progressively makes the connections fail. The switch was not designed to be a hanker hook.

The keyfob does appear to be designed to fit on a keyring however. I guess the key design team and the ignition design team are in different buildings =P

Seriously, my keyfob is heavier than the rest of the keychain combined. And it's not the problem right now. Something shorted and melted that housing, so I'm getting a new one. You think it's a bad idea to jump to connection in the meantime?

I did all the electrical work in my '72 Super Beetle 15 years ago, but this things is much more complicated.

[Reply With Quote](#)

ppremier21

n00b

Join Date: Jul 31st, 2009
Posts: 2



Re: Ignition Switch Fried (slawny091)

07-31-2009 12:15 PM [Reply](#) #10

Nine just burned out today. I ordered the switch and cannot find the piggy-back harness. Where did you get one from and where can I get the restriction load relay from? I need both those parts because this is the 3rd time this year it has blown out.
Thanks!

[Reply With Quote](#)

thesix

Junior Member

Join Date: Apr 12th, 2006
Posts: 36
Vehicles: '02 GTI VR6 24v

Re: Ignition Switch Fried (ppremier21)

07-31-2009 12:38 PM [Reply](#) #11

I'm ordering the parts from 1stviewparts.com when I get the dough. The item in my first photo is part #4A0 971 975, but 1st vw has it superceeded with part #8D0971975.
I'm also going to have to get a couple of those metal connectors since they broke and don't come with the harness. The dealership told me that they were part #000 979 131A

I'm not sure about replacing the Load Reduction Relay, everything works fine when I jump the two wires into the ignition switch so I'm hoping my relay is fine. There's a relay diagram posted here somewhere.

Hope that helps.

[Reply With Quote](#)

thesix

Junior Member

Join Date: Apr 12th, 2006
Posts: 36
Vehicles: '02 GTI VR6 24v

Re: Ignition Switch Fried (thesix)

08-20-2009 09:59 AM [Reply](#) #12

Finally got my new ignition switch and wiring housing in last week. It was a bitch getting those connectors out of the old housing without damaging. I had to buy a couple new ones up at the dealership. But I got everything connected and the ignition works fine now. Lights, hvac, etc come on when they're supposed to and all.
Only problem is I must have done something to the ESP when I took the steering wheel off. Initially I wasn't very careful about putting the steering wheel back on and ended up putting it on crooked. I went back and fixed that as soon as I could, but the ESP light is still stuck on..

Might have knocked something loose? Or spun the sensor around the column too much? I'm not sure what to look for..

Thanks for all your help everyone who helped me got that ignition switch problem fixed. So much nicer not having to hotwire my AC and lights every time I get in the car.

[Reply With Quote](#)

Seth-VDub.GLI

Member

GLI

Join Date: Feb 15th, 2006
Location: Naperville, IL
Posts: 2,141
Vehicles: 2004.5 PG GLI & 1965 F-100



Re: Ignition Switch Fried (thesix)

10-21-2009 12:02 PM [Reply](#) #13

Just a heads up for anyone ordering parts in the future...

*Quote, originally posted by thesix **

I'm ordering the parts from 1stviewparts.com when I get the dough. The item in my first photo is part #4A0 971 975, but 1st vw has it superceeded with part #8D0971975,

This part number will also work when ordering from VW

*Quote, originally posted by thesix **

I'm also going to have to get a couple of those metal connectors since they broke and don't come with the harness. The dealership told me that they were part #000 979 131A

000 979 131A is NOT the correct part number for wiring to the ignition switch harness...they are way too small! Instead you will need part number 000 979 227

Modified by Seth-VDub.GLI at 2:12 PM 10-21-2009

[Reply With Quote](#)

Seth-VDub.GLI

Member

GLI

Join Date: Feb 15th, 2006
Location: Naperville, IL
Posts: 2,141
Vehicles: 2004.5 PG GLI & 1965 F-100

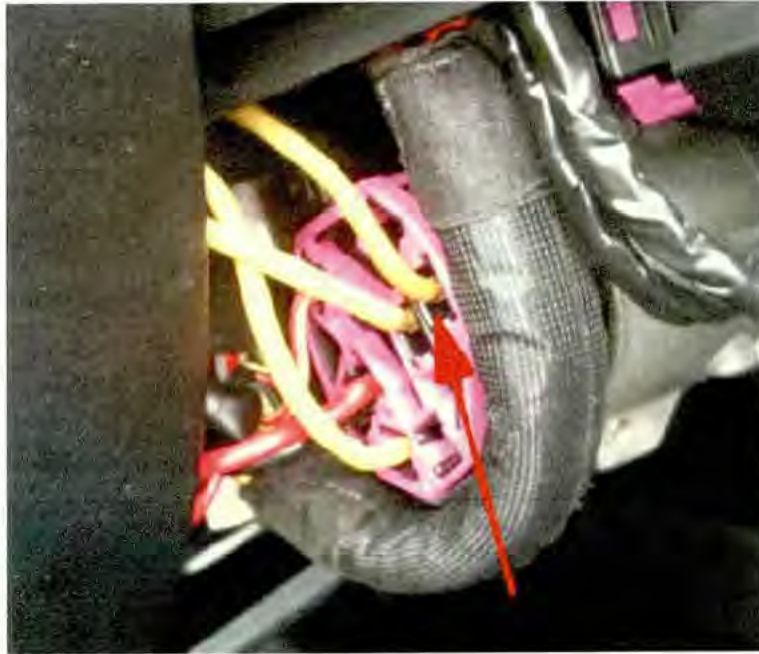


Re: Ignition Switch Fried (Seth-VDub.GLI)

12-03-2009 09:12 AM [Reply](#) #14

OK, so I've replaced my switch, the harness and the wiring as indicated by the yellow wires in the pic below. Everything is working fine, however, the wire pointed out is intermittently (most of the times the vehicle is running, but not always) extremely hot! After only a few weeks it is discolored and already starting to get slightly brittle. I think the wire next to it

might also be getting hot but hard to tell if it's just heat transfer. Any ideas on why this would be happening? 😞 I've done some searching and am thinking maybe the Load Reduction Relay...any thoughts?



Reply With Quote

GTI VR6 Blk on Blk

12-14-2010 05:28 AM [Reply](#) #15

Member

same issue with my car...anyone figure out the real issue...why are the wires getting hot and brittle???



Join Date: Mar 16th, 2004
Posts: 312

Reply With Quote

Blackfin

12-14-2010 06:44 AM [Reply](#) #16

Member

GTI

Join Date: Mar 9th, 2006
Location: Ontario
Posts: 1,657
Vehicles: 2002 GTI 1.8T

Originally Posted by GTI VR6 Blk on Blk

same issue with my car...anyone figure out the real issue...why are the wires getting hot and brittle???

Theory: The crimp connection of the terminal to the wire is bad (e.g. loose) and/or the terminal is carrying current in excess of its rated ampacity.

In the case of a defective crimp, the resistance of the connection increases. For a given load current, the power dissipated across that resistance is $P=I^2 \cdot R$. For example, if you've got 10A of current flowing and 0.5-ohm of resistance there in that crimp the power dissipated at the crimp is $100 \cdot 0.5$ or 50W and this is dissipated (a) right at the terminal and (b) completely as heat. 50W is a ton of heat...

All terminals have a rating vis the current they can carry. I don't know the rating of the pins in the ignition switch and don't know what's connected (don't have my wiring diagrams in front of me...) but it's possible that the circuit is overloaded either through a fault or through additional loads installed by the owner and the current being drawn exceeds the rating of the contact.

The clue is where the discoloration and "frying" is occurring: It's happening at the point of highest resistance, where power dissipation is highest, and this is the contact. Either the crimp is bad or corroded causing resistance -- and thus Pd -- to increase or the circuit is drawing current in excess of what the contact is rated for.

In either case a careful check should be made during repair as this sort of thing can obviously burn the car to the ground...

2002 GTI 1.8T
2002 Mustang GT, Kenne Bell S/C

Reply With Quote

are-jay
Member



Join Date: Jun 12th, 2005
Location: Seattle
Posts: 266
Vehicles: a few

01-29-2011 02:10 PM [Reply](#) #17

I need to do this too Do we know of any fires being started because of this?

Reply With Quote

mkeenly

n00b
Join Date: Aug 23rd, 2011
Location: Menlo Park, CA
Posts: 7
Vehicles: 2003 VW GTI 20th Anniversary Edition

Today 12:16 AM [Reply](#) #18

My 2003 VW GTI 20th Anniversary Edition experienced the same problem this past weekend.

I'd recommend contacting VW of America (1-800-822-8987) and NHTSA (1-888-327-4236) and filing a complaint. That's the only way we can get VW to listen and respond. This is clearly a design defect and has nothing to do with operator error. See photos below:



Mike

Last edited by mkeenly; Today at 11:01 AM.

Reply With Quote

Reply With Quote

denniscgl

Member
Join Date: May 17th, 2003
Posts: 10,617

Re: Ignition Switch Going Bad? (SHUMopper)

02-01-2007 06:35 AM [Reply](#) #24

Replacing it is fine - but if the problem is the old grease then just removing it might solve the problem. Or just replace the switch while you're in there!

Reply With Quote

paik

Member



Join Date: Apr 8th, 2003
Posts: 2,523

have this problem too. sucks.....!

02-01-2007 09:04 AM [Reply](#) #25

Reply With Quote

SHUMopper

Member



Join Date: Jan 1st, 2002
Location: Long Island
Posts: 8,753
Vehicles: 2008 Touareg V6,
2011 A3 TDI



Re: (paik)

Jeff, i feel your pain.

02-01-2007 03:56 PM [Reply](#) #26

flickr
London Madelyn *3/18/2010*

Reply With Quote

Hi TeK

Member



Join Date: Jul 26th, 2002
Location: Bedford NH
Posts: 10,214



Re: (SHUMopper)

steve you better not be driving your car in the winter time

02-01-2007 04:38 PM [Reply](#) #27

Reply With Quote

gtlax1053

Member



Join Date: May 14th, 2006
Posts: 1,183

i just got my ignition switched replaced.. i have a 03 gti with 40k on the clock.. buh mines a lil different.. my wires melted!! and melted plastic.. crazy crapp.. however my radio,ac, all lights but gauge cluster didnt work, windshild wipers.. it was weird.. not like urs.. but i recomend u get it check out.. bc the guy said my dash could have caught fire.. and i was lucky it didnt

02-01-2007 05:17 PM [Reply](#) #28

Reply With Quote

harveydapooka

n00b



Join Date: Jun 16th, 2004
Posts: 5

Re: (SHUMopper)

02-01-2007 05:20 PM [Reply](#) #29

I've more of the same. A couple a times no result from turning the key (as though the clutch interlock was open)... waited awhile and it worked.
 Then, started up in the morning, went out to lunch (yeah) and no-go.
 When I held to start for 4-5 seconds clock, etc reset.
 Finally got a jump.
 Checked belts, etc; all seemed good.
 Slow charged battery, more of same except: no reset...
 Last Tuesday night would not crank after bowling (it snowed).
 Tried a little 'booster battery', No luck. Lots of no luck.
 Tried to push start, couldn't get enough speed by hand.
 Friend walked off to get car for heavey push, I tried again while waiting, and it cranked.
 Good thing my other car is from asia, when it warms up enough I'll pull the ignition switch and check it out.
 Later,
 harv

Reply With Quote

SHUMopper

Member



Join Date: Jan 1st, 2002
 Location: Long Island
 Posts: 8,753
 Vehicles: 2008 Touareg V6,
 2011 A3 TDI



Re: (Hi Tek)

02-02-2007 03:12 AM [Reply](#) #30

Quote, originally posted by **Hi Tek** *

steve you better not be driving your car in the winter time

LOL...how I wish that wasn't the case. Daily Driver since day 1 :-{

/lickr
 London Madelyn *3/16/2010*

Reply With Quote

gawa

Member



Join Date: Dec 29th, 2003
 Posts: 1,520

Re: (SHUMopper)

02-02-2007 07:05 AM [Reply](#) #31

Update on my situation:
 I just got my switch replaced under warranty, and the service adviser is aware of this problem, apparently several people had the same problem last year and brought their cars into that particular dealership. Perhaps for those still under warranty, you might as well get the switch replaced for free? I had to leave the car overnight for them to diagnose it though.

Reply With Quote

sT3ALTH

Member



Join Date: Jun 29th, 2006
 Posts: 375

02-02-2007 07:48 AM [Reply](#) #32

get a push start switch there a great write up in the DIY section

Reply With Quote

mrsparkle

Junior Member

Join Date: Apr 17th, 2006
 Posts: 21

02-04-2007 10:38 PM [Reply](#) #33

I have the same problem. Car starts but the wipers, headlights, heater, signals... nothing works (COLD DAYS)
 I removed the ignition switch to inspect it. It looked brand new on the inside. There is no electric grease on it (Should there be?). I took a chance cleaned out the already CLEAN switch. Reinstalled everything, then to my amazement everything started to work fine. A week went by, and now I'm back to square one.

The heater, wipers, signals will only work if you leave the car in a warm environment.

I don't know what to do, the switch shows no signs of wear. I don't know if its worth replacing it. Looks brand new.

Here is a link to the instructions on how to easily remove the ignition switch without removing your steering wheel.
<http://forums.vwvortex.com/zerathread?id=2466896>

Can anyone offer me any advice?
 03 1.8T

Thanks,

Reply With Quote

mrsparkle

Junior Member

Join Date: Apr 17th, 2006
 Posts: 21

Re: (mrsparkle)

02-04-2007 11:15 PM [Reply](#) #34

Alright, I found a temporary fix for this.
 Thanks to <Seth-VDub.GLI's> Post.
 Put your car into the on position, and if the headlights don't turn on. Turn the key back a notch, then back to the on



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Thread: Ignition switch harness

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isanchez

Ignition switch harness

02-21-2008 07:44 PM [Reply](#) #1

n00b

Join Date: Dec 23rd, 2006

Posts: 1

Hi everyone, my VR6 Jetta 2002 suddenly stop working the headlights, wipers, horn, turn signal, cruise, glove box light and A/C. All the others interior electronics are working right. I was reading this is maybe a ignition switch problem and I took it out. For my surprise there are two cables burn in the harness and the piece of palstic of the harness is melted complete in one of the contacts. It seems like is been in this state a while.

Any sugestion what is causing this, and were can I get a new harness and ignition switch? 🙄🙄

[Reply With Quote](#)

BuddahWolf01

Re: Ignition switch harness (isanchez)

02-21-2008 07:49 PM [Reply](#) #2

Member

something got too hot 🙄



jk/ wish I could help 🙄

Join Date: Nov 12th, 2007
Location: Statesville/Greensboro NC
Posts: 459
Vehicles: 2001 Jetta Wolfsburg

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Thread: Ignition Switch Keeps Going Bad

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JoeNelson
Junior Member



Join Date: Jan 29th, 2011
Location: Wayland MI
Posts: 84
Vehicles: 2000 Volkswagen Golf



Ignition Switch Keeps Going Bad

01-29-2011 08:18 PM [Reply](#) #1

my ignition switch in my mk4 golf 2.0 has gone out twice in the last couple monthes what is causing this to do this PLEASEEE HELPPP!!!!!!!

[Reply With Quote](#)

PSU
Geriatric Member



Join Date: May 15th, 2004
Posts: 45,094
Vehicles: 0 am+

Heavy key chains?

01-29-2011 08:20 PM [Reply](#) #2

[johnnyR32](#) // Flickr

[Reply With Quote](#)

24Vjrod1.8T
Member



Join Date: Dec 23rd, 2009
Location: Winter Haven, FL
Posts: 497
Vehicles: 2004 GTI VR6 2003 Jetta GLS 1.8t

01-29-2011 08:23 PM [Reply](#) #3

Originally Posted by **PSU**
Heavy key chains?

^^This. Or cheap aftermarket parts

Originally Posted by **K3ith**
This has lasted too long.....the Vortex is WIDE OPEN

Originally Posted by **ashley877**
well i am positive i dont, at least didn't i've gotten WAY better, but one time i kinda threw up on him so embarrassing can't believe i'm saying that on here

Need VAG-com in central FL? PM me!

[Reply With Quote](#)

thtninjather
Member



Join Date: Feb 8th, 2010
Location: Ft lauderdale, FL

01-29-2011 10:36 PM [Reply](#) #4

cheap aftermarket parts, or a short or open wire

Posts: 1,087
Vehicles: 2005.5 VW GTI L8T,
1986 VW GTI Project

Broward County FL G2G - <http://forums.vwvortex.com/showthread.php?p=104545>
Broward County FL Meet - <http://forums.vwvortex.com/showthread.php?p=104545>

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GTINC

01-30-2011 04:47 AM [Reply](#) #5

Member
Join Date: Jan 28th, 2005
Posts: 18,192
Vehicles: 2000 GTI-GLX

Originally Posted by **JoeNelson**

...ignition switch in my mk4 golf 2.0 has gone out twice in the last couple monthes...

Most likely due to some abusive action the switch is seeing. As most Mk4 ignition switches will never fail for the complete life of the car, I would doubt you have a normal condition.

Reply With Quote

dennisgli

01-30-2011 06:37 AM [Reply](#) #6

Member
Join Date: May 17th, 2003
Posts: 10,617

How is it failing? Any charring or melting? What doesn't work when it fails?

Reply With Quote

JoeNelson

01-30-2011 11:17 AM [Reply](#) #7

Junior Member



Join Date: Jan 29th, 2011
Location: Wayland MI
Posts: 84
Vehicles: 2000 Volkswagen Golf

there are a few melted wires going into the ignition switch if i push the cluster of wires of then the heat, wipers, headlights, blinkers and defrost all works again so im thinking because of melted wires something is grounding out ?? what do u think????

F*CK POTHOLES

Reply With Quote

dennisgli

01-30-2011 11:25 AM [Reply](#) #8

Member
Join Date: May 17th, 2003
Posts: 10,617

Did you replace the melted wires and connector when you replaced the switch?

Reply With Quote

Tom in Ottawa

02-01-2011 07:41 AM [Reply](#) #9

n00b
Join Date: Feb 1st, 2011
Posts: 1

Same problem here.

I replaced the ignition switch with no result as I didn't realize the wire had melted the contact on the wiring harness side. By wiggling the melted wire you can make the connection (but it obviously won't stay forever).

Does anyone know if one can buy just the plug from the wiring harness, or which models have the same harness? I have a 98 beetle 2.0

Reply With Quote

JoeNelson

02-03-2011 09:59 PM [Reply](#) #10

Junior Member



Join Date: Jan 29th, 2011
Location: Wayland MI
Posts: 84
Vehicles: 2000 Volkswagen Golf

I put the new ignition switch in which is a piece of cake there was only 2 melted wires which i just black taped they weren't going into the connector so i taped them its been a couple days now and i haven't had a problem yet.. and when i had the bad ignition switch i could wiggle the wires and it would reconnect and work for as long as u wiggled the wires so i paid 5 bucks for 1 from 1kg and it works prime.. thanks for all the help 😊

F*CK POTHOLES

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Thread: ignition switch pigtail harness question..[Thread Tools](#) [Search Thread](#) [Rate This Thread](#) [Display](#)**slawny091**

Member

Join Date: Jan 18th, 2009
Location: Valparaiso, IN
Posts: 1,286
Vehicles: mk4 gl

ignition switch pigtail harness question..

07-22-2009 05:52 AM [Reply](#) #1

my ignition switch just went out and some of the wires were fried in the pigtail harness as well. my question is there anyway to remove the terminals out of the old pigtail harness without buying the special terminal removal tool that vw makes (i have seen a few others too)...my car is almost fixed, i only need to remove four of them since the other two wires had to be cut and new terminals had to be put on..thanks in advance for the help

.:dubnoxiou.:.

LOA #35

[Reply With Quote](#)**slawny091**

Member

Join Date: Jan 18th, 2009
Location: Valparaiso, IN
Posts: 1,286
Vehicles: mk4 gl

Re: ignition switch pigtail harness question.. (slawny091)

07-22-2009 12:13 PM [Reply](#) #2

someone please help me

.:dubnoxiou.:.

LOA #35

[Reply With Quote](#)**lost503**

Junior Member

Join Date: May 1st, 2008
Posts: 87

Re: ignition switch pigtail harness question.. (slawny091)

03-30-2010 08:31 PM [Reply](#) #3

Yes there is a special tool you need to use...I will post a picture later...

[Reply With Quote](#)**dennisgli**

Member

Join Date: May 17th, 2003
Posts: 10,617

Re: ignition switch pigtail harness question.. (slawny091)

04-03-2010 06:28 AM [Reply](#) #4

There are barbs on the terminals that you need to depress. You get to them with the tool from the side that the switch plugs into - it depresses the barbs as you push on the wire from the other side - then the wire just pulls out. You can fabricate a tool with paper clips, etc. - but it's not easy.

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Thread: ignition switch problem: headlights blinkers windshield wipers dont work[Thread Tools](#) [Search Thread](#) [Rate This Thread](#) [Display](#)**Uncle_faustus**

Semi-n00b

Join Date: Apr 25th, 2002

Posts: 14

ignition switch problem: headlights blinkers windshield wipers dont work

06-03-2004 07:47 PM [Reply](#) #1

This problem has happened to a few others, but finding a post of how to fix it is a b*tch. I'll post the fix for anyone who has this problem in the future. The symptoms of this problem are non functioning headlights (low beams), blinkers, hvac fan, windshield wipers and horn. The brights work only if you pull the stalk back (pass mode). Anyways the bulbs and fuses are all fine, and the problem is the ignition switch,

It's very easy to remove the steering column cover (don't miss the screws between the steering wheel and column), and the problem part is the electrical harness that plugs into the back of the ignition cylinder. It's ~\$30 at the dealer, and I'm picking one up tomorrow. I'll post the part number when i get it.

From inspection, its evident that one of the pins is fried. I'm wondering if this is a freak occurence, because it seems to have the potential to start a fire. One other vortex member I emailed about this prob told me he spent ~\$300 at the dealer to fix this. Exact same problem, and replacing the part did the trick, but it sounded like it burned more than one wire in his case.

Anyways, I'll buy the part and install this weekend, and let you know if it solves the prob.

[Reply With Quote](#)**NothernSky**

Member

GLI

Join Date: Nov 24th, 2004
Location: Monterrey
Posts: 374
Vehicles: VW 2007 Jetta GLI,
VW 2001 Jetta TDI, VW 1997 Jetta
TDI

Re: ignition switch problem: headlights blinkers windshield wipers dont work (Uncle_faustus)

01-05-2006 02:32 PM [Reply](#) #2

Hey Uncle!

I have the same problem!!!!

Can you let me know how much \$\$\$ was the total repair and did you have to remove the steering wheel?

OEM+ FTW

[Reply With Quote](#)**Josh.Spenjet04**

Member



Join Date: Oct 7th, 2010
Location: NJ
Posts: 120
Vehicles: Jetta 1.8t, 05 mercury
sable, mk5

Just had the same thing happen to me,just went and ruined the night.. went out to dinner with shorty and had the same symptoms when we got back to the car. I had to hold the high beam light in the whole drive home. I checked all of my fuses and they seem okay. Gona take it the dealer tom. --

10-19-2010 07:00 PM [Reply](#) #3[Reply With Quote](#)**Josh.Spenjet04**

Member



Join Date: Oct 7th, 2010
Location: NJ
Posts: 120
Vehicles: Jetta 1.8t, 05 mercury
sable, mk5

Originally Posted by **Josh.Spenjet04**

Just had the same thing happen to me,just went and ruined the night.. went out to dinner with shorty and had the same symptoms when we got back to the car. I had to hold the high beam light in the whole drive home. I checked all of my fuses and they seem okay. Gona take it the dealer tom. --

So It was indeed a bad ignition switch... Add a housing, wire, and labor and it came out to \$335.

10-21-2010 04:25 PM [Reply](#) #4[Reply With Quote](#)

Thread: Ignition switch question

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Josephbwsp

Member



Join Date: Jan 9th, 2007
Posts: 117

Ignition switch question

01-13-2007 09:22 PM [Reply](#) #1

I started having problems with my headlights, turn signals, wipers, and a/c fan not working. I checked the "how to" on replacing the ignition switch (thanks Seanathan!) and got the new switch in when I noticed that one of the wires in the harness was burnt. I ordered the black clip that plugs into the back of the switch but the guy at the dealership said that it came without the wires but he could locate them for me. I am very inexperienced in splicing wires together so my question is this: Has anyone else done this and what did you use to cover the wires where you spliced them together. Any help will be appreciated.

[Reply With Quote](#)

dennisgli

Member

Join Date: May 17th, 2003
Posts: 10,617

Re: Ignition switch question (josephbwsp)

01-14-2007 05:44 AM [Reply](#) #2

You can either crimp the wires on with an insulated splice - or solder and use heat shrink. If you haven't done either best to get somebody else to do it for you.
Which wire was burnt? Fixing whatever caused that would also be a good idea!

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Thread: Ignition Switch Question.[Thread Tools](#) [Search Thread](#) [Rate This Thread](#) [Display](#)**Pockets**

Member

Join Date: Jul 7th, 2005
Location: San Francisco
Posts: 1,770
Vehicles: BMP 20th**Ignition Switch Question.**01-03-2009 10:31 AM [Reply](#) #1

I had a previous post about having issues with my headlights and other problems related to an bad ignition switch, I also had the car taken to the dealer to confirm a bad switch. So I ended up replacing the bad ignition switch and after plugging everything back to find that the problems are still there. Any ideas why the problems are still persistent? Thanks
Older post : <http://forums.vwvortex.com/zerothread?id=4140633>

[Reply With Quote](#)**bluefox280**

Senior Member

Join Date: Dec 17th, 2003
Location: Westfield, CO
Posts: 22,853**Re: Ignition Switch Question. (Pockets)**01-03-2009 10:35 AM [Reply](#) #2

Assuming you've checked / cleaned / confirm grounds?
Have you swapped out to an OEM headlight switch?
Do you have a China / Korea made euro-switch currently installed?

- Erik

★ Pattern Draft Imaging.com - "...Where Engineering Discipline and Photography Merge as One..."

[Reply With Quote](#)**Pockets**

Member

Join Date: Jul 7th, 2005
Location: San Francisco
Posts: 1,770
Vehicles: BMP 20th**Re: Ignition Switch Question. (bluefox280)**01-19-2009 03:24 PM [Reply](#) #3*Quote, originally posted by bluefox280 :*

Assuming you've checked / cleaned / confirm grounds?
Have you swapped out to an OEM headlight switch?
Do you have a China / Korea made euro-switch currently installed?

- Erik

I bought a new OEM headlight switch just in case mine was bad but the problem remains. I have checked the ground directly underneath the battery but no changes. Could the switch be installed incorrectly? or need to reset the battery after install? I assumed it was plug and play from the DIY. 😊

[Reply With Quote](#)**DARKiGOD**

Member

Join Date: Oct 14th, 2004
Posts: 69701-19-2009 03:45 PM [Reply](#) #4

I've seen a few issues with the wiring at the ignition switch; burnt wires, bad terminals, melted connector.

[Reply With Quote](#)**Pockets**

Member

Re: (DARKiGOD)01-19-2009 04:46 PM [Reply](#) #5

are you referring to the "pink" connector that plugs into the switch? or different surrounding wiring?



Join Date: Jul 7th, 2005
Location: San Francisco
Posts: 1,770
Vehicles: BMP 20th

Pockets

Member



Join Date: Jul 7th, 2005
Location: San Francisco
Posts: 1,770
Vehicles: BMP 20th

Re: (Pockets)

01-19-2009 05:09 PM [Reply](#) #6

it looks like there are some "dark" burn marks on the wiring on the ignition switch harness and on connector "38" on the old switch. Does anyone know where I can order a "pink" harness or black underside connector? this guy.



[Reply With Quote](#)

Pockets

Member



Join Date: Jul 7th, 2005
Location: San Francisco
Posts: 1,770
Vehicles: BMP 20th

Re: (Pockets)

01-20-2009 09:29 AM [Reply](#) #7

[Reply With Quote](#)

votexgli

Member

Join Date: Jul 16th, 2008
Posts: 2,602



Re: (Pockets)

if you need the actual white switch, I've got one I never ended up using

01-20-2009 09:35 AM [Reply](#) #8

[Reply With Quote](#)

TheRedMouse

Member



01-21-2009 08:20 PM [Reply](#) #9

Pockets
Member



Join Date: Jul 7th, 2005
Location: San Francisco
Posts: 1,770
Vehicles: BMP 20th

Re: (Pockets)

up for a part no #

Reply With Quote
01-23-2009 10:22 PM [Reply](#) #15

bluefox280
Senior Member



Join Date: Dec 17th, 2003
Location: Westfield, CO
Posts: 22,853

Re: (Pockets)

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01-24-2009 08:18 AM [Reply](#) #16

Quote, originally posted by **Pockets** »
up for a part no #

For the ignition switch? Dealer would have such info.

- Erik

• Pattern Draft Imaging.com - "...Where Engineering Discipline and Photography Merge as One..."

Pockets
Member



Join Date: Jul 7th, 2005
Location: San Francisco
Posts: 1,770
Vehicles: BMP 20th

Re: (bluefox280)

Reply With Quote
01-24-2009 09:17 PM [Reply](#) #17

Quote, originally posted by **bluefox280** »
For the ignition switch? Dealer would have such info.
- Erik

not the switch itself (white part) but the wiring cap (black) that plugs into it.

bluefox280
Senior Member



Join Date: Dec 17th, 2003
Location: Westfield, CO
Posts: 22,853

Re: (Pockets)

Reply With Quote
01-24-2009 09:20 PM [Reply](#) #18

Quote, originally posted by **Pockets** »
not the switch itself (white part) but the wiring cap (black) that plugs into it.

Yes, but that'll be attached to a wiring harness...
And that probably won't be cheap...

- Erik

• Pattern Draft Imaging.com - "...Where Engineering Discipline and Photography Merge as One..."

Brodiekagstar

Member
Join Date: Apr 13th, 2004
Location: Costa Mesa, Ca
Posts: 1,856
Vehicles: 2003/VW
JettaGLS 1.8tWagon



you mean the pink part?? the black part is the plug and the pink part is what lets you modify add remove wires and holds the wires in. its prob the same part. either way I would go to the dealer and see, the wires in the plug/harness could be bad too if they got too hot and the insulation melted

Reply With Quote
01-24-2009 10:20 PM [Reply](#) #19

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boostedgix
Member



Join Date: Jul 27th, 2004
Posts: 1,604

Melted ignition switch>>>>>>>>

09-09-2007 04:34 PM [Reply](#) #1

I replaced the ignition switch 2 weeks ago and it melted again.. Does anyone know what create's this problem or how to go about locating the draw of power?   

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stkjetta97

Member
Join Date: May 13th, 2004
Posts: 221

need ignition switch DIY Pleaseeee!

02-20-2009 04:07 PM [Reply](#) #1

I need to replace my ignition switch in my 02 GTI. I looked in the DIY section and also did a search but did not come up with anything, if i missed it in the DIY section please point me to where it is. If not I know someone has done this on here and please explain how to do it!
Thanks

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Inkarnata

Member

Join Date: Nov 25th, 2001
Location: Greensboro, NC
Posts: 2,642
Vehicles: 01 Passat wagon, 01 JTI VR6, 01 Golf, 90 Corrado


Re: need ignition switch DIY Pleaseeee! (stkjetta97)

02-20-2009 04:12 PM [Reply](#) #2

[Link](#)
When you do it, also take a look at the wiring harness connected to the switch for any damage or burns, common problem.
When you plug and unplug the harness from the switch be careful of the little plastic prong in the middle of the switch, they break off rather easily.

FastDubs--NCDubs--Reppin the GAP
Demokratikally Elekted Minister of Barbekue and Alkohol Indukted Eksplosive Shenaniganry for the IPRO

 Originally Posted by **PatientlyWaiting**
i should have known how much meat i could stuff before hurting myself

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stkjetta97

Member
Join Date: May 13th, 2004
Posts: 221

Re: need ignition switch DIY Pleaseeee! (stkjetta97)

02-20-2009 04:18 PM [Reply](#) #3

A big help, thank you, can anyone tell me why the dealer said I had to remove he air bag and steering wheel?? According to this DIY you clearly dont have to

[Reply With Quote](#)

Inkarnata

Member

Join Date: Nov 25th, 2001
Location: Greensboro, NC
Posts: 2,642
Vehicles: 01 Passat wagon, 01 JTI VR6, 01 Golf, 90 Corrado


Re: need ignition switch DIY Pleaseeee! (stkjetta97)

02-20-2009 04:23 PM [Reply](#) #4

LOL WUT....to replace the switch no you don't have to do that, to remove the ignition altogether maybe...probably just trying to milk you for money, when I had mine looked at at the dealership all they charged me was 1 hour labor, which definitely means they didn't need to remove those items

Modified by Inkarnata at 7:24 PM 2-20-2009

FastDubs--NCDubs--Reppin the GAP
Demokratikally Elekted Minister of Barbekue and Alkohol Indukted Eksplosive Shenaniganry for the IPRO

 Originally Posted by **PatientlyWaiting**
i should have known how much meat i could stuff before hurting myself

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audiqtr

02-20-2009 04:25 PM [Reply](#) #5

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Thread: No headlights, No AC blower, No Blinkers, but its NOT the ignition switch..Can Anyone HELP????[Thread Tools](#) [Search Thread](#) [Rate This Thread](#) [Display](#)**Spinboy92262**

Member

Join Date: May 24th, 2006
Posts: 236

No headlights, No AC blower, No Blinkers, but its NOT the ignition switch..Can Anyone HELP????

10-07-2007 08:18 PM [Reply](#) #1

Whats up Dub Community,

So the other day Im cruising on the freeway and smell..the SEE smoke coming from the steering column. So I pull over and felt of the column and found a hot spot on the lower left hand side of the column. I think to myself " hmmm ignition switch just took a dump". Then when I get home I tear down the column and find that I was correct. Fried the hell out of the Ignition Switch.

So I hit up a buddy and get a new one and toss it in. Guess what...??? Nothing changed... I still have no AC blower, headlights, blinkers, or windshield wipers. I tore down the colimn again and double checked the wiring and did find some heavily damaged wires on the connector which plubs into the switch so I cut out the fried sections and replaced it with fresh wire in hopes that would help the problem. Well...NO it didnt!! Now I have a car that I cant drive at night lol.... Is there something I missed?? Can anyone shed some light (ha ha that hurt!) on this and point me in the right directio?? Oh yea.. I did check the load reduction relay as well and all seemed ok. Any help would be GREAT... The victim is my 02 GTI , 18t with 193K on the clock. No codes were produced and the car still runs fine. Thanks in advance. 🙏

[Reply With Quote](#)**Spinboy92262**

Member

Join Date: May 24th, 2006
Posts: 236Re: No headlights, No AC blower, No Blinkers, but its NOT the ignition swit ... (Spinboy92262)
Problem solved.....10-07-2007 11:30 PM [Reply](#) #2[Reply With Quote](#)**LSinLV**

Banned

Join Date: Nov 24th, 2001
Posts: 32,392

Re: No headlights, No AC blower, No Blinkers, but its NOT the ignition swit ... (Spinboy92262)

10-08-2007 06:35 AM [Reply](#) #3*Quote, originally posted by Spinboy92262 »*

Problem solved.....

what was the solution??? would be nice to have this info for the archives.

[Reply With Quote](#)**blowjustinup**

Member

GTIJoin Date: Jun 8th, 2007
Location: West Haven, CT
Posts: 2,852
Vehicles: 2003 20th Anniversary Edition GTI

Re: No headlights, No AC blower, No Blinkers, but its NOT the ignition swit ... (Spinboy92262)

10-08-2007 07:11 AM [Reply](#) #4*Quote, originally posted by Spinboy92262 »*

The victim is my 02 GTI , 18t with 193K on the clock. No codes were produced and the car still runs fine.

193 on the clock on an 02!?

[Reply With Quote](#)**thesix**

Junior Member

Join Date: Apr 12th, 2006
Posts: 36
Vehicles: '02 GTI VR6 24v

Re: No headlights, No AC blower, No Blinkers, but its NOT the ignition swit ... (Spinboy92262)

07-29-2009 11:36 AM [Reply](#) #5*Quote, originally posted by Spinboy92262 »*

Problem solved.....

Yeah, how'd you solve this?

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Thread: Replaced Ignition Switch & now wiper fuse keeps blowing

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jtmcmuffin

Semi-n00b
Join Date: May 29th, 2004
Posts: 12

Replaced Ignition Switch & now wiper fuse keeps blowing

10-27-2007 07:31 AM [Reply](#) #1

I just replaced the ignition switch and turn signal stalk on my 2000 Jetta VR6, and now that everything is reconnected the same way the 20A fuse for the windshield wipers (which ceased to work once the ignition switch went out) has blown 3 times in a row once the power is turned on. Any ideas what the problem might be?

Thank you!

[Reply With Quote](#)

MrMarblesII

Banned
Join Date: Sep 2nd, 2007
Posts: 113

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(jtmcmuffin)

10-27-2007 07:36 AM [Reply](#) #2

Probably pretty obvious to anyone but me, but it sounds like something might not be grounded properly.

[Reply With Quote](#)

dennisgli

Member
Join Date: May 17th, 2003
Posts: 10,617

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(jtmcmuffin)

10-27-2007 08:12 AM [Reply](#) #3

Do the windshield wipers work at all? Does the fuse blow when the wipers are off? Why did you replace the ignition switch and turn signal stalk? Sounds like there just may be a short somewhere in the turn signal circuit.

[Reply With Quote](#)

jtmcmuffin

Semi-n00b
Join Date: May 29th, 2004
Posts: 12

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(dennisgli)

10-30-2007 07:06 AM [Reply](#) #4

The windshield wipers don't work at all. As soon as the battery is reconnected, and the key is turned the wiper fuse blows immediately.

The fact that they didn't work was one of the reasons that I was able to diagnose the ignition switch as a problem. I replaced the turn signal stalk because it was loose (afterward, it appeared that the two problems were unrelated).

I'll check out the connections in there again, but everything was reconnected exactly how it was beforehand...

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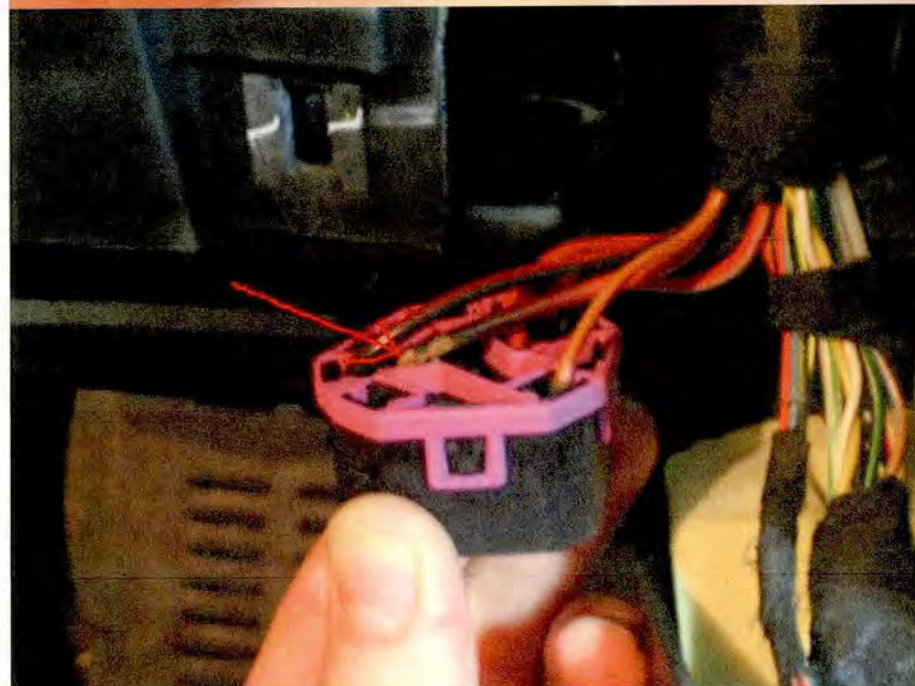
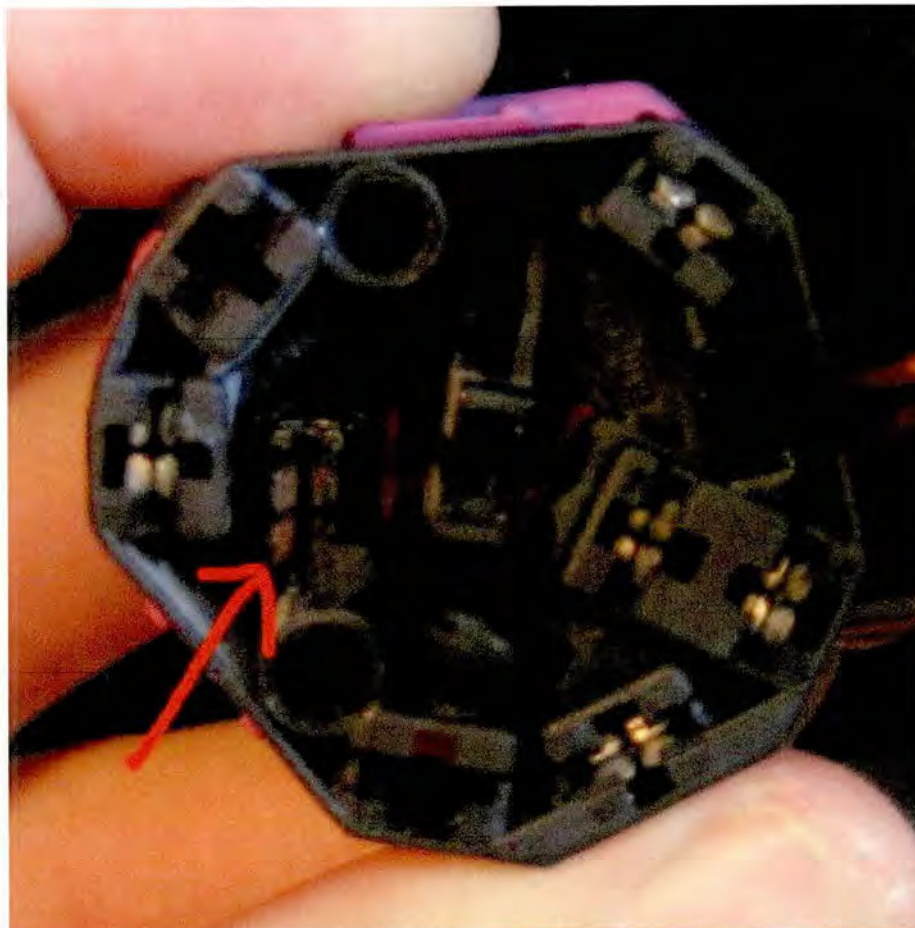
jtmcmuffin

Semi-n00b
Join Date: May 29th, 2004
Posts: 12

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(jtmcmuffin)

11-01-2007 07:48 AM [Reply](#) #5

After I took everything apart again to see if there was a short somewhere, I looked at the ignition switch harness and this is what I found:



Does anyone have an idea where I can locate this piece without replacing all of the wiring, etc.?

Modified by jtmcmuffin at 4:13 PM 11-1-2007

[Reply With Quote](#)

dennisgli

Member

Join Date: May 17th, 2003
Posts: 10,617

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(jtmcmuffin)

11-01-2007 03:23 PM [Reply](#) #6

Sounds like there is a short in the wiper switch, relay, or wiring. I think you should fix that before you worry about the ignition switch problem.
You should be able to get "repair wires" for the ignition switch connector to replace the charred one.

[Reply With Quote](#)

vengance

Member



Join Date: Dec 9th, 2004
Location: Virginia Beach, VA
Posts: 1,015
Vehicles: 2002 VW Golf GTI 1.8T and 2008 TRX R32

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(dennisgli)

11-01-2007 03:31 PM [Reply](#) #7

I had the same problem. when my switch went out it messed up the pig tail harness. luckily, underground vw let me order just the ignition switch pig tail harness. I think it was around \$25-30 shipped. good luck

[Reply With Quote](#)

LSinLV

Banned

Join Date: Nov 24th, 2001
Posts: 32,392



Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(vengance)

11-01-2007 03:38 PM [Reply](#) #8

you have a serious draw issue...leave the fuse OUT.
check the wiper motor for movement....the wiper assemblies are known to rust up and freeze.....causing the motor to draw too much power....

[Reply With Quote](#)

jtmcmuffin

Semi-n00b

Join Date: May 29th, 2004
Posts: 12

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(vengance)

11-10-2007 11:00 AM [Reply](#) #9

Well, now that I've replaced the ignition switch and the harness (thanks to undergroundvw) but the wiper fuse is still blowing when the key is turned. I've taken everything apart (again...), and it appears to be the wiper stalk causing the problem. Has anyone experienced this?
Obviously, I would rather not replace the wiper stalk since it has the computer controls on it. Any feedback?

Thanks!

[Reply With Quote](#)

jtmcmuffin

Semi-n00b

Join Date: May 29th, 2004
Posts: 12

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(dennisgli)

11-25-2007 06:03 AM [Reply](#) #10

I have now replaced the wiper stalk and the wipers work. I'm now having a different issue...any time I try to use the washer (by pulling the stalk toward me) the wiper fuse blows.
Any ideas on this?

Also, after having done this work (by removing the steering wheel, etc.) the airbag light is coming on every time I start the car. Can I expect this to correct itself or does something else have to be done?

Thanks

[Reply With Quote](#)

Mr. Roloff

Member

Join Date: May 14th, 2007
Location: Greensboro, NC
Posts: 1,843

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(MrMarblesTI)

11-25-2007 07:05 AM [Reply](#) #11

*Quote, originally posted by MrMarblesTI **

Probably pretty obvious to anyone but me, but it sounds like something might not be grounded properly.

x2. Sounds like a short to ground

[Reply With Quote](#)

Specialdub01

Junior Member



Join Date: Dec 26th, 2003
Location: MA
Posts: 58
Vehicles: '04 Infiniti G35X

Re: Replaced Ignition Switch & now wiper fuse keeps blowing (Mr Roloff)

01-02-2008 07:47 PM [Reply](#) #12

Ever figure this one out? I have almost the exact same thing happening. My harness is melted identically to yours. My car wouldn't start a few times cause I don't think the fuel pump was coming on. Then, after a few minutes of punching and swearing and checking things... Vroom! would start right up. My wipers work but the fluid pump doesn't. Now my dash lights are lit like a christmas tree...ABS, ARS, CEL.....Did you ever hear the arcing of electricity? I swear I do. Good sign, right?

[Reply With Quote](#)

Rider_X

Member



Join Date: Jun 11th, 2004
Location: Los Angeles, CA - East
LA by way of Portland, OR
Posts: 839
Vehicles: 2002 GTI 1.8T

Re: Replaced Ignition Switch & now wiper fuse keeps blowing
(Specialdub01)

02-03-2008 09:49 PM [Reply](#) #13

what was the part # on the pigtail? ws it 4A0971975? mine burned up and need to replace it, a friend read the art # 4A0971975 on the connector but i want to know if that includes the pigtail.
edit: apparently that part was superceded by part #8D009/1975.

Modified by Rider_X at 10:05 PM 2-3-2008

[Reply With Quote](#)

GTI VR6 Blk on Blk

Member



Join Date: Mar 16th, 2004
Posts: 312

12-14-2010 05:17 AM [Reply](#) #14

i'm currently having the same exact issue with my 2001 VW. the harness melted in the same exact spot. i have never had any wiper issues though. do you guys have any aftermarket or vw accessories on the car that didnt come from the factory? i have the HELLA DE micro fog lights and the (3) position light switch...other than that the car is stock.

thanks

[Reply With Quote](#)

GTINC

Member

Join Date: Jan 28th, 2005
Posts: 18,192
Vehicles: 2000 GTI-GLX

12-14-2010 03:20 PM [Reply](#) #15

Originally Posted by MrMarblesTI

Probably pretty obvious to anyone but me, but it sounds like something might not be grounded properly.

What kind of "not be grounded properly" will cause a fuse to blow other than a direct short of power to ground?

[Reply With Quote](#)

mkeenly

Member

Join Date: Aug 23rd, 2011
Location: Menlo Park, CA
Posts: 7
Vehicles: 2003 VW GTI 20th Anniversary Edition

Today 12:23 AM [Reply](#) #16

I have a 2003 VW GTI 20th Anniversary Edition and my ignition switch failed this past weekend. After I finally got the whole thing torn down and the part removed, I noticed burnt plastic in the connector housing surrounding the mating contact. Looking on the outside of the connector housing, the one particular wire had browned insulation and some corrosion where the insulation had pulled back and the copper was exposed. I don't think this happened all at once but was degrading over a period of time. I'd recommend contacting VW of America (1-800-822-8987) and NHTSA (1-888-327-4236) and filing a complaint. That's the only way we can get VW to listen and respond. This is clearly a design defect and has nothing to do with operator error. Contact me if you want me to send you some photos.

Mike

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