Safety Recall Code: 28H1



Subject	Ignition Switch (WIN Module)
Release Date	June 23, 2015
Affected Vehicles	U.S.A. & CANADA: 2009-2010 MY Routan
	Check Campaigns/Actions screen in Elsa on the day of repair to verify that a VIN qualifies for repair under this action. Elsa is the <u>only</u> valid campaign inquiry & verification source.
	 ✓ Campaign status must show "open."
	✓ If Elsa shows other open action(s), inform your customer so that the work can also be completed at the same time the vehicle is in the workshop for this campaign.
Problem Description	Some vehicles may experience inadvertent ignition key displacement from the run to accessory position while driving, causing the engine and passive restraint systems - including the airbags - to shut off, increasing the risk of a crash and personal injury to vehicle occupants.
	If the ignition key inadvertently moves as described above, the engine will turn off, which will then depower various key safety systems including - but not limited to - air bags, power steering, and power braking. Loss of functionality of these systems may increase the risk of crash and/or increase the risk of injury in the event of a crash.
	Until repair is completed, owners are advised to remove all objects from the key fob (such as additional keys, key chains, etc.). This may help lessen the likelihood that the vehicle will experience the problem described in this recall. Additionally, the driver should ensure that the key is securely and correctly positioned in the RUN position before driving the vehicle.
Corrective Action	Install new ignition switch kit (WIN module and keys).
Parts Information	Parts will be allocated prior to owner notification. If allocated parts have been used and your dealership is at the weekly Upper Order Limit, submit requests for additional parts via email to <u>upperorderlimits@vw.com</u> .
Code Visibility	On or about June 23, 2015, affected vehicles will be listed on the Inventory Vehicle Open Campaign Action report under My Dealership Reports (found on <u>www.vwhub.com</u> & OMD Web/VIM). A list will not be posted for dealers who do not have any affected vehicles.
	On or about June 23, 2015, this campaign code will show open on affected vehicles in Elsa.
	On or about June 23, 2015, affected vehicles will be identified with this campaign code in the VIN Lookup tool at <u>www.vw.com</u> and on the NHTSA VIN lookup tool at <u>www.safercar.gov</u> .
Owner Notification	Owner notification will take place on or about June 23, 2015. Owner letter examples are included in this bulletin for your reference.

Additional Information New keys/transmitters will be provided under this recall; the old ones will no longer work after repair has been made. Some customers may have more than two keys/transmitters paired to their vehicle.

Please alert everyone in your dealership about this action, including Sales, Service, Parts and Accounting personnel. Contact Warranty if you have any questions.

IMPORTANT REMINDER ON VEHICLES AFFECTED BY SAFETY & COMPLIANCE RECALLS

<u>New Vehicles in Dealer Inventory:</u> It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied. By law, dealers must correct, prior to delivery for sale or lease, any vehicle that fails to comply with an applicable Federal Motor Vehicle Safety Standard or that contains a defect relating to motor vehicle safety.

<u>Pre-Owned Vehicles in Dealer Inventory:</u> Dealers should not deliver any pre-owned vehicles in their inventory which are involved in a safety or compliance recall until the defect has been remedied.

Fill out and affix Campaign Completion Label (CAMP 010 000) after work is complete. *Labels can be ordered at no cost via the Compliance Label Ordering portal at <u>www.vwhub.com</u>.*

Claim Entry Instructions

After campaign has been completed, enter claim as soon as possible to help prevent work from being duplicated elsewhere. Attach the Elsa screen print showing action <u>open on the day of repair</u> to the repair order.

If customer refused campaign work:

- ✓ U.S. dealers: Submit request via WISE under the Campaigns/Update/Recall Closure option.
- ✓ <u>Canada dealers:</u> Fax repair order to Warranty at (905) 428-4811.

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Do not claim wash/loaner under this action				
Mark WIN Kit as causal part*				
CRM2040642				
Sold vehicle: 7 10				
USM				
0099				
28H1				
-				

The repair information in this document is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain your vehicle. These procedures are not intended to be attempted by "do-it-yourselfers," and you should not assume this document applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Volkswagen dealer. ©2015 Volkswagen Group of America, Inc. and Volkswagen Canada. All Rights Reserved.

This notice applies to your vehicle: <VIN>

NHTSA: <INSERT NUMBER>

Subject: Safety Recall 28H1 - Ignition Switch (WIN Module) Certain 2009-2010 Model Year Volkswagen Routan Vehicles

Dear Volkswagen Owner,

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. Volkswagen has decided that a defect, which relates to motor vehicle safety, exists in certain 2009-2010 model year Volkswagen Routan vehicles. Our records show that you are the owner of a vehicle affected by this action.

What is the issue?	Some vehicles may experience inadvertent ignition key displacement from the "Run" to the "Accessory" position while driving, causing the engine and passive restraint systems - including the airbags - to shut off, increasing the risk of a crash and personal injury to vehicle occupants.
	If the ignition key inadvertently moves as described above, the engine will turn off, which will then depower various key safety systems including - but not limited to - air bags, power steering, and power braking. Loss of functionality of these systems may increase the risk of crash and/or increase the risk of injury in the event of a crash.
What will we do?	To help correct this defect, your authorized Volkswagen dealer will install a new ignition switch kit (WIN module and keys). This work will take up to two hours to complete and will be performed for you free of charge.
What should you do?	Please contact your authorized Volkswagen dealer without delay to schedule this recall repair. Please keep in mind that your dealer may need additional time for the preparation of the repair, as well as to accommodate their daily workshop schedule.
	New vehicle keys/transmitters will be provided under this recall; your current ones will no longer work after repair has been made.
Precautions you should take	Until repair is completed, owners are advised to remove all objects from the key fob (such as additional keys, key chains, etc.). This may help lessen the likelihood that the vehicle will experience the problem described in this recall. Additionally, the driver should ensure that the key is securely and correctly positioned in the RUN position before driving the vehicle.
Lease vehicles and address changes	If you are the lessor and registered owner of the vehicle identified in this action, the law requires you to forward this letter immediately via first-class mail to the lessee within ten (10) days of receipt. If you have changed your address or sold the vehicle, please fill out the enclosed prepaid Owner Reply card and mail it to us so we can update our records.
Reimbursement of Expenses	If you have previously paid for repairs relating to the condition described in this letter, the enclosed form explains how to request reimbursement. We would be pleased to review your reimbursement request.
Can we assist you further?	If your authorized Volkswagen dealer fails or is unable to complete this work free of charge within a reasonable time, please call or write to:
	Volkswagen of America, Inc., Attn: Customer CARE (28H1) 3800 Hamlin Road, Auburn Hills, MI 48326 1-800-893-5298 <u>www.vw.com</u>
Checking your vehicle for open Recalls and Service Campaigns	To check your vehicle's eligibility for repair under this or any other recall/service campaign, please click on the <i>Look Up Recalls</i> link at <u>www.vw.com</u> and enter your Vehicle Identification Number (VIN) into the <i>Recall/Service Campaign Lookup</i> tool. As always, if you have any questions or if you need additional assistance, please contact Customer CARE or your authorized Volkswagen dealer.

If you still cannot obtain satisfaction, you may file a complaint with: The Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <u>http://www.safercar.gov</u>.

We apologize for any inconvenience this matter may cause; however we are taking this action to help ensure your safety and continued satisfaction with your vehicle. Thank you for driving a Volkswagen!

Sincerely,

Volkswagen Customer Protection

Customer Letter Example (CANADA)

This notice applies to your vehicle: <VIN>

Subject: Safety Recall 28H1 – Ignition Switch (WIN Module) Certain 2009-2010 Model Year Volkswagen Routan Vehicles

Dear Volkswagen Owner,

This notice is sent to you in accordance with the requirements of the Motor Vehicle Safety Act. Volkswagen has decided that a defect, which relates to motor vehicle safety, exists in certain 2009-2010 model year Volkswagen Routan vehicles. Our records show that you are the owner of a vehicle affected by this action.

What is the issue?	Some vehicles may experience inadvertent ignition key displacement from the run to accessory position while driving, causing the engine and passive restraint systems - including the airbags - to shut off, increasing the risk of a crash and personal injury to vehicle occupants.
	If the ignition key inadvertently moves as described above, the engine will turn off, which will then depower various key safety systems including - but not limited to - air bags, power steering, and power braking. Loss of functionality of these systems may increase the risk of crash and/or increase the risk of injury in the event of a crash.
What will we do?	To help correct this defect, your authorized Volkswagen dealer will install a new ignition switch kit (WIN module and keys). This work will take up to two hours to complete and will be performed for you free of charge.
What should you do?	Please contact your authorized Volkswagen dealer without delay to schedule this recall repair. Please keep in mind that your dealer may need additional time for the preparation of the repair, as well as to accommodate their daily workshop schedule.
	New vehicle keys/transmitters will be provided under this recall; your current ones will no longer work after repair has been made.
Precautions you should take	Until repair is completed, owners are advised to remove all objects from the key fob (such as additional keys, key chains, etc.). This may help lessen the likelihood that the vehicle will experience the problem described in this recall. Additionally, the driver should ensure that the key is securely and correctly positioned in the RUN position before driving the vehicle.
Lease vehicles and address changes	If you are the lessor and registered owner of the vehicle identified in this action, the law requires you to forward this letter immediately via first-class mail to the lessee within ten (10) days of receipt. If you have changed your address or sold the vehicle, please fill out the enclosed prepaid Owner Reply card and mail it to us so we can update our records.
Reimbursement of Expenses	If you have previously paid for repairs relating to the condition described in this letter, the enclosed form explains how to request reimbursement. We would be pleased to review your reimbursement request.
Can we assist you further?	If your authorized Volkswagen dealer fails or is unable to complete this work free of charge within a reasonable time, please call or write to:
	Volkswagen Canada Attn: Customer Relations (28H1) PO Box 842, Stn. A Windsor, ON N9A 6P2 1-800-822-8987 <u>www.vw.ca</u>

We apologize for any inconvenience this matter may cause; however we are taking this action to help ensure your safety and continued satisfaction with your vehicle. Thank you for driving a Volkswagen!

Sincerely,

Volkswagen Customer Protection

Required Parts

Criteria I.D.	01		
		•	
	Quantity	Part Number	Description
	1	7B0998021AP	WIN Kit
Criteria I.D.	02		
	Quantity	Part Number	Description
	1	7B0998021AN	WIN Kit
Criteria I.D.	03		
	Quantity	Part Number	Description
	1	7B0998021AM	WIN Kit
Criteria I.D.	04		
	Quantity	Part Number	Description
	1	7B0998021AQ	WIN Kit
		- -	
Criteria I.D.	05		
	Quantity	Part Number	Description
	1	7B0998021AR	WIN Kit

Required Tools



- VWMICROPOD Volkswagen microPod II kit (or equivalent).
- WiTECH desktop client.

• RMCP 101 – Trim Removal Wedge

Work Procedure



i TIP

If Campaign Completion label is present, no further work is required

Section A – Check for Previous Repair

• Enter the VIN in Elsa and proceed to the "Campaign/Action" screen

i TIP

On the date of repair, print this screen and keep a copy with the repair order.

- Ensure that the Status is "Open" <arrow 2>
- Note the Applicable Criteria ID <arrow 1> for use in determining the correct work to be done and corresponding parts associated

Proceed to Section B







Section B – Removing WIN (Wireless Ignition Node) Module

- Open hood
- Disconnect the negative battery cable <arrow> and isolate from the battery negative post

When working in cold weather environments, it may be necessary to allow plastic trim pieces to warm before removing.

Remove two screws <A>, then remove • driver side knee bolster cover <arrow> using Trim Removal Wedge -RMCP 101or equivalent.

Remove the four screws , then remove knee bolster <arrow>.







Remove radio trim bezel <arrow> using • Trim Removal Wedge -RMCP 101- or equivalent.

Loosen but do not remove the instrument • panel upper storage tray by lifting <in direction of arrow> as shown.

Using Trim Removal Wedge - RMCP 101-• or equivalent, loosen the center vent trim assembly <arrow> and remove from instrument panel.

i TIP

Center vent trim is removed as an assembly with the silver trim piece located within the dash panel.







• Using Trim Removal Wedge –RMCP 101– or equivalent, loosen and remove the driver side (left) vent trim from the dash as shown.

- Engage the parking brake.
- Using Trim Removal Wedge –RMCP 101– or equivalent, remove the plug above the shifter <arrow> to access the brake transmission shift interlock release button.
- Push down on the brake transmission shift interlock button located inside of the hole to release the shifter handle and move the shifter downward.
- Loosen the set screw on the shift knob using a 3mm hex key tool as shown.
- Hold in the shift knob button and pull up on the shift knob to remove from the shift mechanism shaft.







Remove the left instrument panel upper • trim panel by gently pulling the panel towards the steering wheel as shown.

Remove the instrument cluster trim bezel <arrow> as shown.

Remove WIN module trim bezel using Trim • Removal Wedge -RMCP 101- or equivalent as shown.







If the detent ring <arrow> was installed previously under the 28G1 action, it MUST be discarded during this step. DO NOT reinstall the detent ring.

- Loosen and remove HVAC control head • using Trim Removal Wedge - RMCP 101or equivalent as shown <arrow>.
- Disconnect electrical connectors on back of HVAC control head.

If equipped remove two screws <arrows>, then remove DVD player and disconnect electrical connector.







Base Model:

- Remove the front plug <2> and clip <3>.
- Slide the console <1> forward while lifting slightly to clear the rear load floor hook.
- Remove the floor console <1> and set to the side.

Premium Model:

- Pull up on the bottom release handle <2> • in the front of the console <1>.
- Lift the rear of the console <4> up several inches.
- Pull rearward to disengage the console • from the floor and remove the console.
- Remove four screws from lower center trim panel as shown.
- Remove trim panel and disconnect electrical connectors.

It is not necessary to remove the cup holder.







- Open glove box and disconnect glove box • return spring using a standard pick tool as shown.
- Push in on the sides of the glove box and lower glove box to access instrument panel screws.

Glove box does not need to be removed from the instrument panel.

Remove passenger side (right) instrument panel side trim using Trim Removal Wedge -RMCP 101- or equivalent as shown.

Remove the 15 screws <arrows> for instrument panel.







• Slightly disengage instrument panel and allow to hang freely.

- Disconnect electrical connectors for WIN module <arrow>.
- Remove two screws and WIN module <arrow> from vehicle.

Section C – Installing New WIN Module

- Install new WIN module <arrow> according to the applicable Criteria ID and tighten the two screws to 2.5Nm.
- Reconnect electrical connectors to new WIN module.







• Reposition the instrument panel properly and reinstall the 15 screws <arrows> for instrument panel.

• Reinstall passenger side (right) instrument panel side trim <arrow> as shown.

• Reposition glove box properly and reconnect glove box return spring using a standard pick tool as shown.



- Reconnect electrical connectors for lower center trim panel and reinstall trim panel.
- Reinstall four screws into lower center trim panel as shown.

Base Model:

- Position the floor console <1> at a slight angle to the floor of the vehicle.
- Hold the rear of the console slightly higher than the front <4>.
- Slide the console <1> rearward underneath the second row seat door assembly frame.
- Align the console until the anchor plug hole is centered on the winch hole.
- Reinstall the clip <3> first and then while pushing downward on the console with slight pressure, reinstall the cover plug <2>.



Premium Model:

- Position the console <1> at a slight angle to the floor of the vehicle.
- Hold the rear of the console <4> slightly higher than the front.
- Slide the console forward into the floor console tray <3>.
- Pivot the rear of the console downward <4> until it is resting on the floor console tray <3>.
- Push down on the rear of the console <4> until it is seated in the floor console tray.







If equipped, reconnect electrical connector • for DVD player and reinstall two screws <arrows>.

- Reconnect electrical connectors on back of • HVAC control head.
- Reinstall HVAC control head <arrow> into • instrument panel.

Reinstall WIN module trim bezel properly • into position as shown.







If the detent ring <arrow> was installed previously under the 28G1 action, it MUST be discarded. DO NOT reinstall the detent ring.

• Reinstall the instrument cluster trim bezel <arrow>.

 Reinstall the center vent trim assembly <arrow> into the instrument panel as shown.







Reinstall the left instrument panel. •

While holding the shift knob button in, ٠ reinstall the shift knob onto the shift mechanism shaft and tighten the set screw using a 3mm hex key tool.

Reinstall the plug <arrow> above the shifter and move shifter into "P" park • position.







Reinstall the upper storage tray and radio • trim bezel properly.

Reinstall the driver side (left) vent <arrow> as shown.

- Position and engage the tabs, securing the • knee bolster <arrow> to the I/P support.
- Reinstall the knee bolster <arrow> and • tighten the four screws to 4Nm in the following sequence:
 - Upper outboard
 - Upper inboard
 - Lower outboard 0
 - Lower inboard 0





• Reinstall the driver side knee bolster cover <arrow> and tighten the two screws <A>.

• Reconnect the negative battery cable onto the negative battery post <arrow> and tighten nut to 5Nm.

Proceed to Section D

Section D – Retrieve Secret Key Code

The Key Code section of DealerConnect can only be accessed by someone with administrative privileges to the site. See your Warranty Administrator, Service Manager, or Parts Manager if necessary.

- Log into DealerConnect.
- Select the "Service" tab <circle>.

eSupport My Dealership DEALERCONNECT Search here	MMnfo	Dealer V0001 Log Off
		PARTS MARKETING TRAINING
DealerCONNECT > Home VW CARE PLANS - GOODWLL VW CARE PLANS - GOODWLL	Robert Strachan (S39059M)	January 8, 2015
ANNOUNCEMENTS		CUSTOMER EXPERIENCE REPORTS
i^{\dagger} NOTICE! Starting in November, every 56 days your DealerCONNECT past	sword will expire Click here for more info.	CEI Recent Activity
Design + Identity Site		TECHNICAL HINTS
HELP DESK Help Desk Phone: 800 374-4040@	DEALERCONNECT MAINTENANCE Schedule:	Site Status If the DealerCONNECT portal is unavailable or experiencing performance issues, please go to the following URL for site
Hours: 8:00 AM - 8:00 PM (E.T.), Monday - Friday, 9:00 AM - 5:00 PM Saturday (E.T.) Instructions:	Nightly maintenance takes place from 12:01 am to 6:00 am (East Time). During this time, DealerCONNECT may be unavailable.	tern updates:https://sitestatus.dealerconnect.com Add this URL to your Internet Explorer Favorites for convenient access.
Contact the Help Desk to report any problems you are experiencing. Prior to calling, check the Site Status website for information (a link to Site Status s located in the Technical Hints portlet).		DealerCONNECT Timeout For security reasons, your DealerCONNECT session will timeout after two (2) hours of inactivity. You will need to log-in again to re-establish your connection.
		Display (Monitor) Settings For DealerCONNECT applications and Help to display properly, you must change your Display Settings to 1024 X 768.
	Home Copyright © Chrysler Corporation: 2011 Privacy Statement	

- Log into DealerConnect. .
- Select the "Service" tab <circle>.

DEALERCONNEC	eSupport My D	ealership					
DEALERCONNEC	' <u>(</u> s	earch here		🙆 Myinfo	* 🙍		Dealer:
HOME DealerCONNECT > Service	SALES		SERVICE CONTRACTS		SERVICE	PARTS	MARKETING
Service Home					2		
COMDASH					VEHICLE INFORMA	TION PLUS (VIP)	CLAIM ADMINIST
DEALER COMMUNICATION DA	SHBOARD				Single VIN Inqui	ry:	 Claim Entry
COMDA	5				 Multiple VIN Inqu 	airy	Claim Acknowle
					- P		Chargebacks Servicenet
Click HERE To V More News					SERVICE MARKET	ING	Servicenet Clair
More News					eScheduling		 Labor Operation
Latest News						COMPACINT	
We have determined ther	e are no eligible co	ommunications	to display for you.		SERVICE TOOLS 8		WARRANTY ADM
					 wiTECH Informa TechTOOLS 	tion	Pre-Authorizati
					Tool Organizer		Powertrain Serv
					-		Reports, Tools
					UCONNECT INFOR	MATION & UTILITIES	Dealer Service Vehicle Option
REPAIR INFORMATION					Uconnect Dealer	r software downloads	Warranty Admin
TechCONNECT							Warranty Inform
New Vehicle Prep							
Global Recall Sys							
Key Code Sprinter Key Prog							
Radio Anti-Theft Cock							
Diagnostic Check She	ets						
Transmission							
⊞-+ Gas Engine							
⊕-→ Diesel Engine							
E-+ Repair/Replace Wor	ksheet						

• Under the "Repair Information" list, select "Key Code" <arrow>.

Key Code Inquiry Criteria				
VIN:*				
Reason Code:*				
Other Reason:				
Password:*				
*	I agree and acknowledge that I have read the Dealer Policy regarding the key code (a copy of which is available here: <u>PDF LINK</u>) and I am acting in compliance with the policy.			
	* - Required Field			
	Note: Each Dealer Code is allowed 15 requests per day and 300 per month.			
	Search Clear			

- Enter the required information and follow the on-screen prompts <as shown>.
- When the PIN is displayed, record it.

DO NOT record the PIN on the RO or share it in any way. Each PIN is unique to the VIN and must remain confidential.

Proceed to Section E

INOTE

The following requirements MUST be followed during the adaptation of the new WIN and keys.

- This procedure requires the WITECH Desktop Client. DO NOT attempt to perform WIN and/or key • adaptation using the StarMOBILE Desktop Client.
- The WiTECH Desktop Client software must be v13.04.15 or higher to program the WIN and keys (FOBIKs) successfully.
- Battery voltage must consistently remain between 13.2V and 13.5V during the programming process. Use the InCharge 940 (or equivalent) to maintain proper system voltage.
- For this procedure, the WIN and FOBIKs are pre-programmed together. Follow the instructions below to avoid damaging the new WIN and/or FOBIKs.
- Insert a new provided FOBIK into the WIN and turn to the RUN position. .



Connect the WiTECH Desktop Client to the vehicle.

Select the WCM (Wireless Control Module) from the Vehicle View screen <arrow>.

lash	Data	DTCs	Actuators	System Tests Misc Functions ECU Details	
Double	click ro	w selection	on to launch m	nisc function. Click on column heading to sort table.	
Name					
WIN R	eplaced				
PCM P	Replaced				
Reset	WIN Co	nfiguratio	00		
Erase.	All Ignit	ion Keys			
Progra	im lonit	on Keys	or Key FOBs		

- Select the "Misc Functions" tab <circle>.
- Select "WIN Replaced" <arrow>.



• Select "Continue" <arrow>.

Replaced	
inter the vehicle PIN (Personal Identificat	
uthorized personnel on DealerCONNECT	under Parts -> Reference Library - Key Code.
Enter Vehicle PIN	

- When prompted, enter the PIN.
- Follow the on-screen directions and verify the proper PIN was entered.
- Select "Continue" <arrow>.

WIN Replaced	
PIN has been programmed.	
	Co de Close

- Upon reaching the confirmation screen that states "PIN has been programmed" <u>DO NOT SELECT</u> <u>CONTINUE</u>.
- Select "Close" <arrow>.

INOTE

- Pressing "Continue" during this step will result in damage to the new WIN. A WIN module that is damaged during this step will not be covered under this action.
- Cycling the key too quickly may interrupt the learn process.
- Switch the ignition OFF and remove the key for two seconds.
- Reinsert the key and turn to the ACC/ON position.
- Start the vehicle.

① NOTE						
•	If the vehicle does not start the WIN programming procedure was not successful. DO NOT continue. Open a VTA ticket and contact Volkswagen Technical Assistance for further direction.					
•	If the vehicle starts successfully, the additional FOBIK supplied in the WIN kit will also start the vehicle.					
•	Performing this WIN programming procedure will ONLY program the two keys supplied with the WIN in the kit. If the customer requests additional keys, they MUST be programmed separately. See Section F for additional key programming.					

Remove the FOBIK and verify both key remotes function properly. .

ash Data DTC	Actuators System Tests Misc Functions ECU Details
	ction to launch misc function. Click on column heading to sort table.
Name	
WIN Replaced	
PCM Replaced	
Reset WIN Configura	tion

- Select "Misc Functions" <circle>.
- Select "PCM Replaced" <arrow>.

M Replaced	
Running "PCM Replaced" in any ot	NLY when the PCM has been replaced. WARNING!!! her case may cause the loss of valid secret key require cutting and programming of new keys!!!
	Continue

Select "Continue" <arrow>.

The warning message shown above states that running the PCM Replaced procedure may cause a loss of valid secret key information in the PCM. To finish installing the preprogrammed WIN, the secret key information in the PCM must be changed. Selecting "Continue" is the correct response.

PCM Re	placed
	r the vehicle PIN (Personal Identification Number). The PIN can be found by orized personnel on DealerCONNECT under Parts => Reference Library - Key Code.
	Enter Vehicle PIN
	Continue

- When prompted, enter the PIN and select "Continue" <arrow>.
- Like the previous step, the test plan will ask the user to verify the PIN is correct before proceeding.

PCM Replaced			
Correct PIN has been entered.			
	_	Continue	Close

Select "Continue" <arrow>.

PCM Replaced	
Current VIN in the WCM/WIN is 2V8HW3 PCM continue or exit the routine.	34109R501807 To update the current VIN in the
	Continue

When prompted to update the current PCM VIN, select "Continue" <arrow>. ٠

PCM Replaced	
VIN write was successful!	
	Continue

When the confirmation message is displayed, select "Continue" <arrow>. ٠

CM Replaced				
Transfer of secre	t key successful	l. Cycle ignition k	ey prior to startin	g the vehicle.
				Close

- This message concludes the test plan. Transfer of the new secret key from the WIN to the PCM was successful.
- Select "Close" <arrow>.
- Cycle the key OFF, then ON.
- Verify all FOBIKs provided in the WIN kit start the vehicle.
- Clear all DTCs that were set during the programming of the WIN.
- Release the parking brake.

If NO additional keys are required, proceed to Section G.

If additional keys are required, proceed to Section F.

Section F – Additional Key Programming

INOTE

- See Appendix A for appropriate key and WIN part numbers.
- Programming the PCM or WIN is done using a diagnostic scan tool and a PIN to enter secure access mode. If three attempts are made to enter secure access mode using an incorrect PIN, secure access mode will be locked out for one hour. To exit this lockout mode, turn the ignition to the RUN position for one hour and then enter the correct PIN. Be certain that all accessories are turned OFF. Also, monitor the battery state and connect a battery charger if necessary.
- Each FOBIK has a unique ID code that is assigned at the time the key is manufactured. When a key is programmed into the WIN, the module learns the transponder ID code and the transponder acquires the unique Secret Key ID code from the WIN.
- Connect a battery charger to the vehicle.
- With the WiTECH diagnostic application, perform the following steps:
- Select "WIRELESS CONTROL MODULE (WCM)".
- Select the "MISCELLANEOUS FUNCTIONS" tab.
- Highlight "PROGRAMMING IGNITION KEYS OR KEY FOBS".
- Select "NEXT".
- Enter the PIN when prompted.
- Select "NEXT".
- Verify that the PIN number is correct.
- Once verified select "NEXT".
- Note On-Screen instructions and select the "FINISH" button.
- Cycle ignition key twice after the successful routine completion.

• A maximum of 8 keys can be learned by the WIN. Once a key is learned by a WIN, that key has acquired the Secret Key for that individual WIN and cannot be transferred to any other WIN or vehicle.

Work Complete – Proceed to Section G

Section G – Campaign Completion Label and Parts Return/Disposal

Install Campaign Completion Label

Open the hood. ٠

Fill out and affix Campaign Completion label, part number CAMP 010 000, next to the vehicle emission control information label

Ensure Campaign Completion label does not cover any existing label(s).

• Close the hood.

Parts Return/Disposal

Properly destroy or dispose of removed parts in accordance with all state and local requirements, unless otherwise indicated and/or requested through the Warranty Parts Shipping Portal (WPSP) for U.S. and SAGA for Canada.

ALL WORK IS COMPLETE



Appendix A – Key Transmitter Types

Key Transmitter part # 7B0 959 754 AM

6-button without remote start, with power liftgate and with power sliding doors

Contained in kit number: 7B0 998 021 AP (each kit contains two key transmitters)

Associated to WIN module: 7B0 905 843 H **OR** 7B0 905 843 E



Key Transmitter part # 7B0 959 754 AN

5-button without remote start, without power liftgate and with power sliding doors

Contained in kit number: 7B0 998 021 AN (each kit contains two key transmitters)

Associated to WIN module: 7B0 905 843 H **OR** 7B0905 843 E



Key Transmitter part # 7B0 959 754AP

3-button <u>without</u> remote start, <u>without</u> power liftgate, <u>without</u> power sliding doors

Contained in kit number: 7B0 998 021 AM (each kit contains two key transmitters)

Associated to WIN module: 7B0 905 843 H **OR** 7B0 905 843 E





Key Transmitter part # 7B0 959 754 AL

7-button with remote start, with power liftgate and with power sliding doors

Contained in kit number: 7B0 998 021 AQ (each kit contains two key transmitters)

Associated to WIN module: 7B0 905 843 F

Key Transmitter part # 7B0 959 754 AG

6-button with remote start (dealer installed), without power liftgate and with power sliding doors

> Contained in kit number: 7B0 998 021 AR (each kit contains two key transmitters)

Associated to WIN module: 7B0 905 843 F