# Quick tip

Version 1.2



February 25th, 2019

Title: Remote start with extended range

(Only applies to 2019 Tiguan LWB, Jetta, GLI built after CW36/18, Atlas built after CW42/2018)



Remote start kit part number: 3CN065760

Plus

Extended range kit part number: 000065760

**Important notes:** Only one (1) extended range fob can be programmed to the system at a time. If additional remote start keys are desired, factory standard range remote start key part number 3G0937048 and emergency key part number 3G0959752T DTB must be used. These keys must be ordered with the correct VIN.

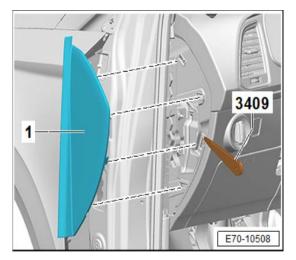
Always check ETKA for the latest part numbers.

**Note:** Only applies to 2019 Tiguan LWB, Jetta, GLI built after CW36/18, Atlas built after CW42/2018.

© 2019 Volkswagen Group of America, Inc.

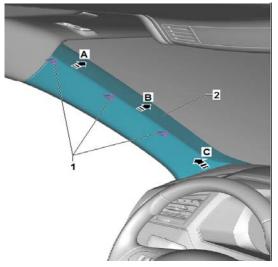
All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved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





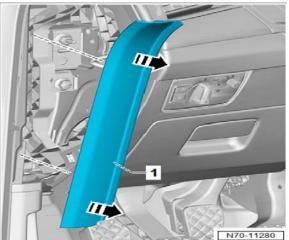


- Bend the door seal molding outward in the instrument panel cover area.
- Pry out the instrument panel side cover -1- with the -3409- near the catches.
- Pull the cover toward the rear and remove it.



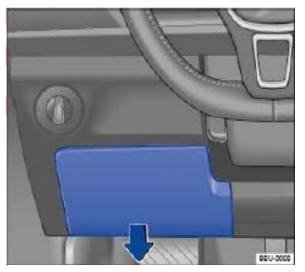
## Step 3:

- Starting at the top, carefully loosen the Apillar trim panel -2- with the -3409- near the clips -1- from the body mounts -arrow A- and -arrow B-.
- Pull the A-pillar trim panel -2- upward out of the instrument panel -arrow C-.
- Disconnect the connectors, if equipped.
- Remove the A-pillar upper trim panel -2-.
- Note: Inspect and replace the fasteners if necessary, part numbers 5NA867276B (x2) and 5G0867276A (x1).



## Step 2:

- Unclip the A-pillar gap cover -1- from the Apillar upper trim panel and A-pillar lower trim panel -arrows-.
- Loosen the A-pillar gap cover -1- from the door seal molding and remove it upward.



Step 4:

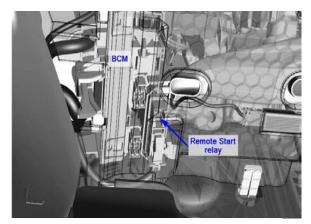
• Remove fuse panel cover.

© 2019 Volkswagen Group of America, Inc.

Page 2 of 10

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







- Locate the Relay labeled -548- and • remove it.
- Install the new Relay labeled -526-(comes in the Box).



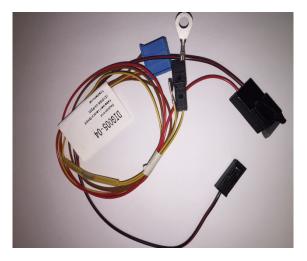
Step 6:

- Locate fuse 49 •
- Remove and discard.



## Step 7:

- Insert red wire into the fuse holder.
- Insert black/red wire into fuse holder.
- Insert the 2-amp fuse into the fuse holder.
- Insert the red/black wire into the connector.



#### Page 3 of 10

© 2019 Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.





## Step 8:

Use a cable tie and secure the module at the base of A-pillar.



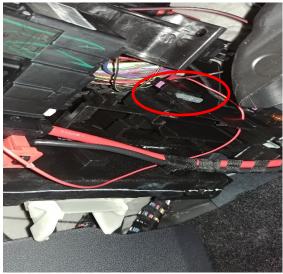
# Step 9:

- Route ground wire behind lower A-pillar trim and • connect to the chassis ground location under the carpet near the base of A-pillar.
- Torque nut to 9Nm.



# Step 10:

Insert the power wire in any open • location shown above.



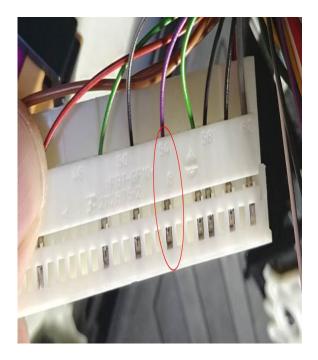


Mount the fuse holder to the bracket on the side of the relay panel.

Page 4 of 10

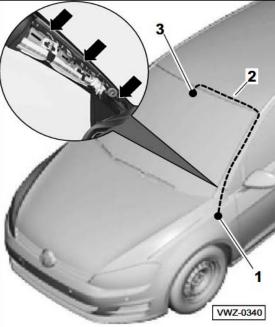
<sup>© 2019</sup> Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.





## Step 12:

- On white BCM connector, insert line wire from kit into location 54.
- Note: If there is already a wire in this location use the provided splice connector.



# Step 13:

- Route the antenna cable (supplied in the kit) -2- vertically on the left hand side of the mirror mount up to the headliner.
- Tuck the cable behind the headliner and down the "A" pillar and connect it to the module.
- Use the small wire ties -arrows- to secure the cable to the factory harness located within the "A" pillar.

# Step 14:

Reinstall all trim panels and the BCM connector that was previously removed.

Page 5 of 10

© 2019 Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.



### Step 15:

- Connect battery charger/maintainer.
- Connect scan tool.
- Scan the vehicle using GFF.
- Select Special Functions / Adapting software.
- Select Option 2 and enter SVM code 4196 (Jetta 1.4 TSI), SVM code 3FBD for (AtlasVR6) engines to update ECM. No action is required for vehicles with 2.0 TSI engines.
- Select Special Functions / Adapting software.
- Select Adapting Software and Option 4 (conversion retrofit with license protection).
- Enter the SWAP keys located in pamphlet provided in remote start kit.
- Select Special Functions / Adapting software.
- Select Adapting Software and Option 2 again. Enter SVM code 425D to update BCM.

Offboard Diag	prostic Infor	mation System Service - 4.3.3	the second se	and deal country, country,		ico de	0 - 8-
Importer: Dealer:		444 03999	VIN: Engine:	3VWC57BU2KM000702 all engine identifier codes	an 🛃 🔞		1
RO:			Engine.	all engine identifier codes	-9		/
Control mod	ules Ord	ers DISS TSB Test plan Operation Sp	ecial Functions			Operating mod	ies +
Control mod	dule list (i	70 entries)				Ch Disgravia	_
Address	Event	Name			1	DBD 🗯	
0020	0	High Beam Assistance (Not yet identifi	ed) ()			906 210 075	_
0080	0	Battery Regulation Auxiliary Accumulat	tor 1 (Not yet identified) ()			A Measureme	int
0000	0	Actuator For Exterior Noise (Not yet id	entified) ()		1.3	😭 Info	
0001	0	Engine Control Module 1 (0001 - Engin	ne electronics 1.2 - 1.4 FSI) (04E906024B	5594 R4 1.4i TSI )		Admin	
0051	0	Drive Motor Control Module (Not yet id	ientified) ()			Log	
0002	0	Transmission Control Module (0002 - /	Automatic transmission 8-speed 09S) (09S9	27158R 3510 AISIN 8G30/18)		Data	
0022	0	All Wheel Control (Not yet identified) (-				Extras	
0032	0	Lock Electronics (Not yet identified) (-	)			Help	
0042	0	Door Electronics Driver Side (0042 - D	river's Door Electronics) (5Q4959393E 00	32 TSG FS )			
0052	0	Door Electronics Passenger Side (005	2 - Front Passenger Door Electronics) (5Q4	959392E 0032 TSG BFS )		Info	
0082	0	Head Up Display (Not yet identified) (-	)			Trace	
0003	0	Brakes 1 (0003 - Brake Electronics) (5	Q0614517CT 0653 ESC )				
0013	0	Adaptive Cruise Control (0013 - Distan	nce Control (ACC)) (5Q0907572N 0681 A	ACC BOSCH MQB)			
0023	0	Brake Boost (Not yet identified) (	)		*		
Networking	diagram	Control Module List Components List D	IC memory list Equipment list				
O Diagnosi	s 🗆 Dis	play I Sorting				**	0
					Ø		

## Step 16:

• Select "OBD."

© 2019 Volkswagen Group of America, Inc.

Page 6 of 10

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



Offboard Diagnostic Informati	on System Service - 4.3.3								a 0 -	is -
Importer: Dealer: RO:	444 03999	VIN: Engine:	3VWC57BU2KM000702 all engine identifier codes				0	Ø		
Control modules								Operating	modes	
and a second second								Diagno	sis	
Construction (Construction	TC memory • O Control mod	lule OBD Basic Setting		_				DBD		
System				SB	Event	1	Update	@ Flash		
< 0019 - Gateway (UD	0S / ISOTP / 3Q0907530L / 5323 / 518	/ EV_GatewNF 013023)			OK		Now	🛆 Measu	rement	
0001 - Engine Con	trol Module 1 (UDS / ISOTP / 04E906	024B / 5594 / H20 / EV_ECM14TFS011048	906024B 001003)		ок		Cyclic	😢 Info		
0002 - Transmissio	on Control Module (UDS / ISOTP / 095	927158R / 3510 / 301 / EV_TCMAQ30003	1 001008)		ок		0 s	Admin		
0003 - Brakes 1 (I	UDS / ISOTP / 5Q0614517CT / 0653 /	H62 / EV_Brake1UDSContiMK100IPB 0370	09)		ок					
0000 Fill 00/10/00		······································		_	-	-1		Log		
0009 - Central Elec	ctrics (UDS / ISOTP / 5Q093708788 /	0265 / 036 / EV_BodyContrModul1UDSBo	sc 019001)		ок	I		Data		3
ours - Adaptive Cr	dise control (ODS / ISO / P / SQUSO / S	12147 00817 H107 EV_ACCBO3CHV1141	1002008)		UK	-		Extras		R
0015 - Airbag (UD	S / ISOTP / 5Q0959655AG / 0336 / 00	4 / EV_AirbaVW20SMEVW37X 002158)			ок			Help		
0017 - Dash Board	(UDS / ISOTP / 17A920840 / 0310 / 2	07 / EV_DashBoardVDDMQBAB 009060)			1			Info		
002B - Steering Co	olumn Locking (UDS / ISOTP / 2Q0905	861A / 0021 / H07 / EV_ELVMarqMQBA0	002002)		ок	J		Trace		
003C - Lane Chan	ge Assistant (UDS / ISOTP / 2Q09076	86A / 0052 / H03 / EV_HREntryHellaGen3	G15 001009)	D	ок					
0042 - Door Electro	onics Driver Side (UDS / ISOTP / 5Q4	959393E / 0032 / 011 / EV_DCUDriveSide	WMAXCONT 006001)		ок					
0044 - Steering As	sistance (UDS / ISOTP / 5QM9091448	3 / 1081 / 172 / EV_SteerAssisMQB 01515	7)		ок					
Networking diagram Co	ntrol Module List Components List DT	C memory list Equipment list								
O Diagnosia 🛛 🗷 Displa	y M Sorting							>> 1		,
secondary self diagnostic exit was an	ded					0	Read control mo	dulles again	1	14

# Step 17:

• Select "0009 – Central Electrics" then select the "green arrow."

Compoard Diagnostic Informa	ation System Service - 4.3.3			Report For States					00.	*
Importer: Dealer: RO:	444 03999 	VIN: Engine:		3VWC57BU2KM000 all engine identifier c		🧀 🛃	0	(		
Control modules Event	ts							Operating	g modes	
0009 - Central Electric	s (UDS / ISOTP / 5Q0937087BB / 02	65 / 036 / EV_BodyContrMe	odul1l	(SBosc / 019001)	DTC memory	•	0	O Diagn	osis	
UDS basic settings -	- Basic settings selection							B OBD	1	
Name		3		Selection				Co Meas	urement	
Activation of electrical	l auxiliary heater							😪 Info	2.95555099256	
Basic headlamp settin	19							Admir	()	
Acknowledge basic se	etting							Log		¥
Adapt seat fan			30					Data		
Light sequence HU te	st						~			
Rear window defogge	ar -			1			~	Extras		*
steering wheel heater	8		<					Help		*
Wiper park position he	eater		40					Info		•
Automatic test seque	000							Trace		
Adapting RF transmitt	ter via barcode									
Resetting of all adapted	ation values	+								
Filter:							M			
						<	>			
0009 - GES							×	*	EI (	3
EV_BCMMQB / 019005						0				

# Step 18:

• Select "adapting RF transmitter via barcode" then select the "arrow."

<sup>© 2019</sup> Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.



Offboard Diagnostic Information System Service	rice - 4.3.3			Inconett Mod					×
Importer:	444	VIN:		3VWC57BU2KM0007		🚙 🖣	0		
Dealer:	03999	Engine:		all engine identifier co	des				1
RO:									
Control modules Events								Operating mode	;s *
0009 - Central Electrics (UDS / ISO	OTP / 5Q0937087BB / 0265 / 036 / EV	BodyContrN	lodul1L	JDSBosc / 019001)	DTC memory	-	0	🎯 Diagnosis	
UDS basic settings - Basic setti	ings selection							🏓 OBD	
								📽 Flash	
Name		Â		Selection				🕰 Measuremei	nt
Activation of electrical auxiliary hea	ater			Adapting RF transmitter via barcode				😂 Info	
Basic headlamp setting								I Admin	
Acknowledge basic setting								1	×
Adapt seat fan			*					Log	Ť
Light sequence HU test								Data	¥
Rear window defogger			>					Extras	¥
steering wheel heater			<					Help	¥
Wiper park position heater			*					Info	¥
Automatic test sequence								Trace	¥
Resetting of all adaptation values									
Energy management									
Filter:									
						<	>		
0009 - GES							×	>	3
EV_BCMMQB / 019005						$\bigcirc$			

# Step 19:

• Select the "next arrow."

Offboard Diagnostic Informati	ion System Service - 4.3.3					
Importer:	444	VIN:	3VWC57BU2KM00070		🥔 🦺 🍗	
Dealer: RO:	03999	Engine:	all engine identifier co	des	🔤 4)	
Control modules Events	3					Operating modes *
0009 - Central Electrics	UDS / ISOTP / 500937087BB / 02	265 / 036 / EV_BodyContrModul1UDSBosc / /	019001)	DTC memory	• 📀	Son Diagnosis
UDS basic settings -						🇯 OBD
Adapting RF transmitte						Flash
Adapting RF transmitte	er via barcode	[LO]_ID remote control	00 04 3F			Measurement
		[LO]_Key remote control	BA D7 22 CC 4F 65 D2 81 EA 45 95 C0 D	DA 4E F0 0F		e Info
						I Admin
						Log
						Data
						Extras
						Help
						Info
						Trace
Default parameters					< >	
0009 - GES					×	» 🛛 🗿
EV. BCMMOB / 019005					0	

## Step 20:

• Enter the RF ID (HEX) and Private key (HEX) either manually with the keyboard or scan the QR code with a scanner.

Page 8 of 10

© 2019 Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.



C Offboard Diagnostic Information System Service - 4.3.3								) <b>X</b>
Importer: 444	VIN:		3VWC57BU2KM0007	02	🪙 🖣	8		
Dealer: 03999	Engine:		all engine identifier co	des				)
RO:					<b>•••</b> <i>•</i>			
Control modules Events							Operating mode	es *
0009 - Central Electrics (UDS / ISOTP / 5Q0937087BB / 0265 / 036 / EV	BodyContrM	odul1U	IDSBosc / 019001)	DTC memory	•	0	🎯 Diagnosis	
UDS basic settings - Select measured values			,				🍅 OBD	
UDS basic settings - Select measured values							📽 Flash	
Name	*		Selection				🛆 Measureme	nt
[IDE02711]_Rear Window Wiper							😫 Info	
[VO] Personalized_key_Setting							le Admin	
[IDE07344]_Sunroof shade							Log	¥
[IDE00322]_Status of basic setting		<b>&gt;&gt;&gt;</b>					Data	×
[IDE12212]_Cause control module incorrectly coded		>					Extras	¥
[IDE05729]_Door status, frt. pass. side rear								
[MAS18843]_SE references from last used digital key devices		<					Help	¥
[IDE00356]_Cruise Control System (CCS), switch position		×					Info	¥
[IDE01537]_Windshield defogger							Trace	¥
[IDE07145]_Component protection properties								
IVOL Power un historie	-							
Filter:								
						>		
0009 - GES						~	»	8
EV_BCMMQ8 / 019005					0			

## Step 21:

#### • Select the "next arrow."

Offboard Diagnostic Information	n System Service - 4.3.3							
Importer:	444		VIN:	3VWC57BU2KM000	0702	🥔 🦺 🍫	(T)	N
Dealer:	03999		Engine:	all engine identifier	codes			
RO:						<b>•</b>		/
Control modules Events							Operating mod	des *
0000 Centrel Electrice		RELOZE LEV	BodyContrModul1UDSBosc / 019001		DTC memory	- 0	🎯 Diagnosis	
		.05/030/EV_0	BodyContriviodul 1003Bosc / 019001		Dicitiendry		🍅 OBD	
UDS basic settings - S	status: not active						S Flash	
Basic settings				here a super-			A Measurem	ent
Name	RF transmitter via barcode		Status [VO] Routine not active or finishe	Result [VO] No Results Available	Value		🖌 Info	(7,) 20)
[IDE00032]_Adapting P	RE transmitter via barcode	<b>9046</b> 1	[vol_Roduine not active or missie				Admin	
							ser Admin	
							Log	¥
Measured values							Data	×
Name					RDID Value			
							Extras	8
							Help	×
							Info	×
							inio	
							Trace	8
Start Next Stop Stop						K < >		
Start Next Stop Stor	P dia						>	3
EV_BCMMQB / 019005						0	Contraction (Contraction)	

# Step 22:

• Select "Start."

Page 9 of 10

<sup>© 2019</sup> Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.

Importer:	444	VIN:		3VWC57BU2KM	000702		🥔 🏪 🍗	1		
Dealer:	03999	Engi	ine:	all engine identifi	er codes			0		
RO:							<b>2</b>			
Control modules Events								Operatio	ng modes	*
0009 - Central Electrics (I	IDS / ISOTP / 50093708788 / 0	265 / 036 / EV Body	ContrModul1UDSBosc / 019001	1		TC memory	- 0	😵 Diag	nosis	
								🍅 OBD		
	atus: basic setting ended							C Flas		
		PDID Stat		Description of the second s		Makaa		🛆 Mea	surement	
	F transmitter via barcode			[VO] Correct Results				🗑 Info		
								Adm	in	
								Log		3
Measured values								Data		3
Name					RDID	Value				
								Extras		*
								Help		¥
Control modules Events Control Module Control Modul	÷									
								Trace		*
Start Next Stop Stop	all						K 🔇 >			
0009 - GES							¥	33	131	

## Step 23:

• After selecting "Start," the result field should change to "[VO] Correct-Results" for a couple seconds. The process is completed.

## Step 24:

• To test the operation, close all doors and lock the vehicle, Press the "Info" button once, then press the "Start" button twice on the new transmitter.

## Step 25:

• Place the sticker with the RF ID (HEX) and Private key (HEX) on the extended range owner's manual document. Place the document in the glove box with the owner's manual.

## Conditions that will prevent system operation

- Programming failed. Check ETKA or ELSA Pro for new PR code #U2.
- Low fuel light illuminated.
- DTC's in engine, transmission, vehicle electrics, ABS/ESP.
- Key fob/dongle not programmed.
- Vehicle out of range.

© 2019 Volkswagen Group of America, Inc.

- Incorrect button sequence pressed on key fob/dongle.
- Remote start operation has ran 2 cycles without being started with vehicle key.
- Vehicle battery voltage too low.

#### Page 10 of 10

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