Quick tip



Version 1.0 Title: Extended range add on.

(Only applies to 2019 Tiguan LWB, Jetta, GLI built after CW36/18, Atlas built after CW42/2018, 2020 Arteon)



Extended range kit part number: 000065760

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"Always install the product according to the manufacturer's instructions. Modifications to the vehicle or accessory, or improper installation of the accessory can result in damage or failure."

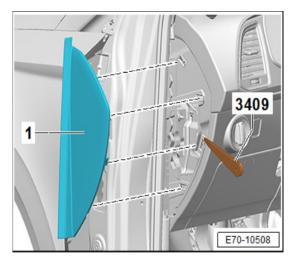
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ver1.2

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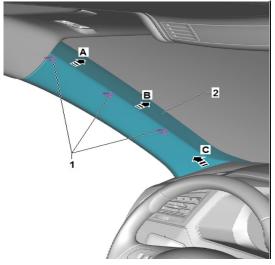
February 11th, 2020





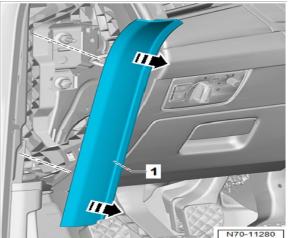


- Bend the door seal molding outward in the instrument panel cover area.
- Pry out the instrument panel side cover -1- with the -3409- near the catches.
- Pull the cover toward the rear and remove it.



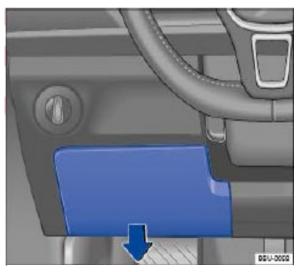
Step 3:

- Remove the A-pillar upper trim panel
- 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.

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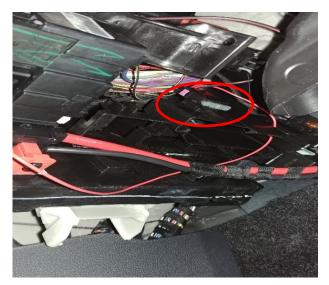


Original design harness



Step 5a:

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



Step 6a:

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

New design harness





Step 5b:

No harness preparation is required.



Step 6b:

 Insert fuse holder into location SC20, SC7 or SC8 can be used if there is a fuse larger than 10 amp already in location SC20.

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Step 7a:

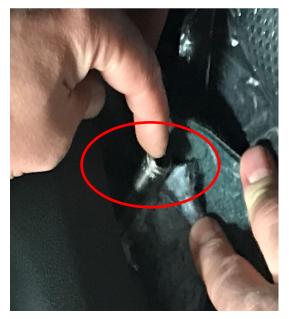
• Insert the power wire in any open location shown above.



Step 8:

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

Original and new design harness





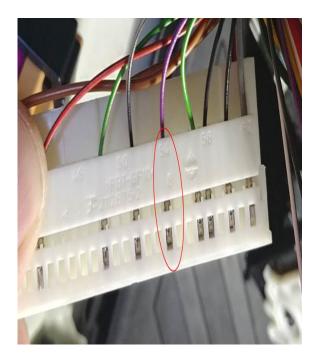
• Route ground wire behind lower Apillar trim and connect to the chassis ground location under the carpet near the base of A-pillar.

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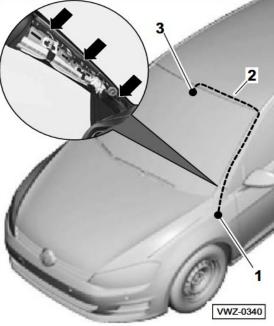
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Step 10:

- 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 11:

- 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.

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Step 12:

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

Step 13:

- Connect battery charger/maintainer.
- Connect scan tool.
- Scan the vehicle using GFF.
- Select Special Functions / Adapting software.
- Select Adapting Software and Option 2. Enter SVM code 425D to update BCM.

Offboard Dia	gnostic Infor	mation System Service	e - 4.3.3								00	X
importer: Dealer: RO:			444 03999 			VIN: Engine:	3VWC57BU2KM000702 all engine identifier codes		0	6	Ø	6
Control mor	dules Ord	ers DISS TSB	Test plan	Operation	Special Functions				-		ng modes	s •
Control mo	dule list (70 entries)								De Dieg	ania -	
Address	Event	Name							ń I	DBD 🗯		
0020	0	High Beam A	ssistance ((Not yet ide	ntified) ()				Q . F 10.57		
0080	0	Battery Regu	lation Auxi	liary Accum	ulator 1 (Not yet i	dentified) ()			6	🕰 Meas	surement	t
0000	0	Actuator For	Exterior N	oise (Not ye	t identified) ()				😢 Info		
0001	0	Engine Contro	ol Module	1 (0001 - E	ngine electronics	1.2 - 1.4 FSI) (04E906024	B 5594 R4 1.4I TSI)		8	Admi	n	
0051	0	Drive Motor C	Control Mo	dule (Not y	et identified) ()			l	Log		
0002	0	Transmission	Control M	lodule (000	2 - Automatic tran	smission 8-speed 09S) (0	95927158R 3510 AISIN 8G30/18)		1	Data		
0022	0	All Wheel Cor	ntrol (Not y	vet identifie	d) ()					Extras		
0032	0	Lock Electron	nics (Not ye	et identified) ()					Help		
0042	0	Door Electron	nics Driver	Side (0042	- Driver's Door El	ectronics) (5Q4959393E	0032 TSG FS)					
0052	0	Door Electron	nics Passe	nger Side (0052 - Front Pass	enger Door Electronics) (5	5Q4959392E 0032 TSG BFS)		1	Info		
0082	0	Head Up Disp	play (Not y	et identified) ()				1	Trace		
0003	0	Brakes 1 (000	03 - Brake	Electronics) (5Q0614517CT	0653 ESC)						
0013	0	Adaptive Crui	ise Control	(0013 - Di	stance Control (Ad	CC)) (5Q0907572N 0681	1 ACC BOSCH MQB)					
0023	0	Brake Boost	(Not yet id	entified) ()							
Networking	diagram	Control Module	List Com	ponents Lis	f DTC memory lis	t Equipment list						
O Diagnos	is 🔳 Dis	play 💐 Sorti	ing							*	121	0
								0				

Step 14:

Select "OBD."

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Offboard Diagnostic Information	on System Service - 4.3.3								(i) X
Importer: Dealer: RO:	444 03999	VIN: Engine:	3VWC57BU2KM000702 all engine identifier codes				1. No. 1.		
Control modules Events			1 <u>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </u>					Operating mo	des *
		tule OBD Basic Setting						O Diagnosis	
Vehicle OBD: Total D	Control mot	Basic Setting				_		DBD	
System		7.		SB E			Update	CE Flash	
+ 0019 - Gateway (UD	DS / ISOTP / 3Q0907530L / 5323 / 518	/ EV_GatewNF 013023)			OK		Now	A Measurem	ent
0001 - Engine Con	trol Module 1 (UDS / ISOTP / 04E906	024B / 5594 / H20 / EV_ECM14TFS01104	E906024B 001003)	c	ж		cyclic	😭 Info	
0002 - Transmissio	on Control Module (UDS / ISOTP / 095	927158R / 3510 / 301 / EV_TCMAQ3000	31 001008)	c	ж		0 s	Admin	
0003 - Brakes 1 (l	UDS / ISOTP / 5Q0614517CT / 0653 /	H62 / EV_Brake1UDSContiMK100IPB 037	009)	0	ж				
0000 78 001010			1407	_		1		Log	
0009 - Central Elec	ctrics (UDS / ISOTP / 5Q0937087BB /	0265 / 036 / EV_BodyContrModul1UDSBc	osc 019001)	c	ж			Data	
0013 - Mulapove Cr		12111008111H101EV_ACCBO3CHV141	0.002008)					Extras	
0015 - Airbag (UD	05 / ISOTP / 5Q0959655AG / 0336 / 00	4 / EV_AirbaVW20SMEVW37X 002158)		c	ж			Help	
0017 - Dash Board	UDS / ISOTP / 17A920840 / 0310 / :	207 / EV_DashBoardVDDMQBAB 009060)		1				Info	
002B - Steering Co	olumn Locking (UDS / ISOTP / 2Q090	861A / 0021 / H07 / EV_ELVMarqMQBA0	002002)	c	ж			Trace	
003C - Lane Chan	ge Assistant (UDS / ISOTP / 2Q09076	86A / 0052 / H03 / EV_HREntryHellaGen3	KI15 001009)	D C	ж				
0042 - Door Electro	onics Driver Side (UDS / ISOTP / 5Q4	959393E / 0032 / 011 / EV_DCUDriveSide	EWMAXCONT 006001)	c	ж				
0044 - Steering As	sistance (UDS / ISOTP / 5QM909144	8 / 1081 / 172 / EV_SteerAssisMQB 0151	57)	c	ж				
Networking diagram Co	ntrol Module List Components List D7	C memory list Equipment list							
O Diagnosis S Displa	y 4 Serting							* 2	0
Secondary self diagnostic exit was en	nded.					0	Read control me	xtules again	

Step 15:

• Select "0009 – Central Electrics" basic settings, then select "green arrow."

Importer: Dealer: RO:	444 03999	VIN: Engine:			57BU2KM000702 ine identifier codes			Ø	0
Control modules Events	s							Operating m	odes *
				1010001	DTC memory		0	Diagnosis	
	s (UDS / ISOTP / 5Q0937087BB / 0	265 / 036 / EV_BodyContrMe	odul1UDSBosc	/ 019001)	DTC memory		-	DBD	
UDS basic settings -	Basic settings selection							& Flash	
Name		m	Select	ion				A Measurer	ment
Activation of electrical	auxiliary heater							📦 Info	
Basic headlamp settin	9							Admin	
Acknowledge basic se	tting								
Adapt seat fan		1	30					Log	*
Light sequence HU tes	st		~				~	Data	*
Rear window defogge			>					Extras	
steering wheel heater		1	<				\sim	Help	
Wiper park position he			land l					Info	
			*						
Automatic test sequen								Trace	*
Adapting RF transmitte	er via barcode								
Resetting of all adapta	tion values	-							
Filter:							N		
						<	>		
0009 - GES							×	*	0
EV BCMMQB / 019005						0			

Step 16:

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

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Offboard Diagnostic Information System Servi	ice - 4.3.3			Incoment, Mart					
Importer:	444	VIN:		3VWC57BU2KM00070		🚙 🔩	0		
Dealer: RO:	03999	Engine:		all engine identifier co	des				0
r r								~	
Control modules Events								Operating m	
0009 - Central Electrics (UDS / ISO	OTP / 5Q0937087BB / 0265 / 036 / EV	BodyContrM	lodul1l	JDSBosc / 019001)	DTC memory	•	\bigcirc	🌚 Diagnosi	s
UDS basic settings - Basic setti	ngs selection							🍅 OBD	
- -			1					S Flash	
Name				Selection				🛆 Measure	ment
Activation of electrical auxiliary hea	ater			Adapting RF transmitter via barcode				😭 Info	
Basic headlamp setting								🎯 Admin	
Acknowledge basic setting								Log	¥
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							×	>	0
EV_BCMMQB / 019005									

Step 17:

Select the "next arrow." •

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mporter:	444	VIN:	3VWC57BU2KM00	0702		0
Dealer:	03999	Engine:	all engine identifier		🧀 🦺 🗞	
RO:						9
control modules Events						Operating modes
009 - Central Electrics	(UDS / ISOTP / 500937087BB / 0	265 / 036 / EV_BodyContrModul1UDSBosc	(019001)	DTC memory	- 0	🎯 Diagnosis
			/ 010001)			🇯 OBD
JDS basic settings - \$	set parameters					🐗 Flash
Adapting RF transmitte	r via barcode					A Measurement
		[LO]_ID remote control	00 04 3F			📔 Info
		[LO]_Key remote contro	BA D7 22 CC 4F 65 D2 81 EA 45 95 C	CO DA 4E FO OF		Admin
						[-0.
						Log
						Data
						Extras
						Help
						Info
						Trace
						Trace
						Trace
						Trace
						Trace
Default parameters					< >	Trace

Step 18:

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

0009 - Central Electrics (UDS / ISOTP / 5Q0937087BB / 0265 / 036 / EV_BodyContrA	/lodul1	UDSBosc / 019001)	DTC memor	•	9	-		_
UDS basic settings - Select measured values						🍅 OBD		
						S Flash	ſ	
Name		Selection				🕰 Mea	suremen	t 🚽
[IDE02711]_Rear Window Wiper	9					😂 Info		
[VO]_Personalized_keySetting						🎯 Adm	in	
[IDE07344]_Sunroof shade						Log		¥
[IDE00322]_Status of basic setting	*					Data		¥
[IDE12212]_Cause control module incorrectly coded	>					Extras		¥
[IDE05729]_Door status, frt. pass. side rear						Help		×
[MAS18843]_SE references from last used digital key devices	<							
[IDE00356]_Cruise Control System (CCS), switch position	*					Info		×
[IDE01537]_Windshield defogger						Trace		¥
[IDE07145]_Component protection properties								
IVOI Power un historie								
Filter:						_		
				<	>			
0009 - GES					~	>>		3
EV_BCMMQB / 019005				6				

Step 19:

• Select the "next arrow."

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Offboard Diagnostic Information	System Service - 4.3.3							
Importer:	444		VIN:	3VWC57BU2KM00			🥔 🖣 🍾	
Dealer:	03999		Engine:	all engine identifier	codes			
RO:								
Control modules Events								Operating modes *
0000 Central Electrics (65 / 026 / EV	BodyContrModul1UDSBosc / 019001	\ \	D	TC memory	• 0	🎯 Diagnosis
		05/030/EV_	BodyContriviodul 10D3Bosc / 019001)	U	ro memory		🍅 OBD
UDS basic settings - St	atus: not active							🐗 Flash
Basic settings			Luce and					△ Measurement
Name			Status	Result		Value		🖌 Info
> [IDE06652]_Adapting R	F transmitter via barcode	\$0481	[VO]_Routine not active or finishe	[VO]_No Results Available				
								I Admin
								Log ×
Measured values								Data ×
Name					RDID	Value		
								Extras *
								Help ×
								Info *
								Trace ×
Start Next Stop Stop	all							
SES								> 🛛 🔇
EV_BCMMQB / 019005							0	
Sten 20.								

Step 20:

• Select "Start."

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Offboard Diagnostic Information Sy	stem Service - 4.3.3		December 1						X
mporter:	444		VIN:	3VWC57BU2KI			🥔 🖣 🍆		
Dealer:	03999		Engine:	all engine identi	fier codes				
RO:								V	
ontrol modules Events								Operating mode	es *
009 - Central Electrics (U	DS / ISOTP / 5Q0937087BB /	0265 / 036 / EV	BodyContrModul1UDSBosc / 019001	1)		DTC memory	- 🕥	🎯 Diagnosis	
	tus: Basic setting ended			·				🇯 OBD	
asic settings	tus. Dasie setting ended							🤹 Flash	
vane		PDID	Status	Design		Mahar		🕰 Measureme	nt
[IDE06652]_Adapting RF	transmitter via barcode		[VO] Routine not active or finishe	. [VO]_Correct Results				😫 Info	
								Admin	
								Log	¥
leasured values								Data	¥
Name					RDID	Value			
								Extras	¥
								Help	¥
								Info	¥
								Trace	×
Start Next Stop Stop a									
							~		

Step 21:

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

Step 22:

• 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 23:

• 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.

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