



Hermanación del vehículo BORA de VW

EXCELENCIA EN CAPACITACION AUTOMOTRIZ



IMPARTIMOS CURSOS DE:





Hermanación computadora BORA

EXCELENCIA EN CAPACITACION AUTOMOTRIZ



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Esta es la etiqueta de la computadora BOSCH MED 9.1



IMPARTIMOS CURSOS DE:





2- El vehículo da marcha pero el motor no enciende.

IMPARTIMOS CURSOS DE: PROGRAMACION DE LLAVES CON CHIP || TALLER DE CORTE DE HECHURA DE LLAVE || TALLER DE GANZUADO AUTOMOTRIZ || ELECTRONICA AUTOMOTRIZ || ELECTRICIDAD AUTOMOTRIZ || PROGRAMACION DE MODULOS Y MAS ... CARR. MEX-PACHUCA KM. 29 LOCAL 3 ECATEPEC EDO. DE MEXICO C. P 55066 TEL. 01(55) 5931 7268 NEXTEL: 01(55) 1988 mcecursos@telmexmail.com





Para realizar la Hermanacion utilizaremos La interfaz AVDI y el lector de memorias GQ4:





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Procedimiento: 1.- Seleccionamos la opción funciones especiales.

# Unit name VAG Number De 00 . . . 01 Engine Control Unit-Master . . 02 Transmisson . . 03 ABS . . 04 Steering Angle . . 05 EZS-Kessy/Entry And Sta . . 06 Seat memory passenger . . 07 Control head . . 08 Climatronic/Auto HVAC . . 09 Central Electic . . 08 Air heating . .	ription DTC Coding
00 . 01 Engine Control Unit-Master 02 Transmisson 03 ABS 04 Steering Angle 05 EZS-Kessy/Entry And Sta 06 Seat memory passenger 07 Control head 08 Climatronic/Auto HVAC 09 Central Electic 0A Air heating	Previous Open
01 Engine Control Unit-Master 02 Transmisson 03 ABS 04 Steering Angle 05 EZS-Kessy/Entry And Sta 06 Seat memory passenger 07 Control head 08 Climatronic/Auto HVAC 09 Central Electic 0A 08 Air heating 07	Previous Open
02 Transmisson 03 ABS 04 Steering Angle 05 EZS-Kessy/Entry And Sta 06 Seat memory passenger 07 Control head 08 Climatronic/Auto HVAC 09 Central Electic 0A 08 Air heating	
03 ABS 04 Steering Angle 05 EZS-Kessy/Entry And Sta 06 Seat memory passenger 07 Control head 08 Climatronic/Auto HVAC 09 Central Electic 0A 0B Air heating 0C	Den
04 Steering Angle 05 EZS-Kessy/Entry And Sta 06 Seat memory passenger 07 Control head 08 Climatronic/Auto HVAC 09 Central Electic 0A 08 Air heating 00	
05 EZS-Kessy/Entry And Sta 06 Seat memory passenger 07 Control head 08 Climatronic/Auto HVAC 09 Central Electic 0A 0B Air heating 0C	
06 Seat memory passenger 07 Control head 08 Climatronic/Auto HVAC 09 Central Electic 0A 0B Air heating 0C	
07 Control head 08 Climatronic/Auto HVAC 09 Central Electic 0A 0B Air heating 0C	
08 Climatronic/Auto HVAC 09 Central Electic 0A 0B Air heating 0C	
09 Central Electic OA OB Air heating	Next
OA OB Air heating	
OB Air heating	
00	
	•
•	
< ALL UNITS > Special functions Second Secon	

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2.- Seleccionamos la marca vw en el menú de AVDI.

EXCELENCIA EN CAPACITACION AUTOMOTRIZ



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3- Seleccionamos en la pestaña de funciones especiales la opción "CAN instrument".

EXCELENCIA EN CAPACITACION AUTOMOTRIZ

	Unit name	VAG Number	Description	DTC	Coding	-	
0							1
	Engine Control Unit-Maste	r 1K0907115P	2.01 R4/4V IFS	I O	Long		Pievia.
	Transmisson						
	ABS						C
	Steering Angle						
	EZS-Kessy/Entry And Sta	.//					Open
	Seat memory passenger						_
	Control head					-	4
1	1				1	•	Nest
	Special functions - Value Sel	Click	1 Ontros				
-	31	(3) G			,a.)		
	CAUM		Finance Control	EDC17 and	sare		
	LESTERY GIVES D	Cine Howards Insta	Unit	MED17 Boot	protection	E	C
	an an	ar v	6	TTUR			Open
		N 1	国の	BELL'	*		opan
		The second	wallow Kassingan	Duran tool	Automatic		

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4-Seleccionamos "Read Immo Data".

ABRITES Diagnostics for VW/Au	di/Seat/Skoda 22.0	Days	until HW synchroni	zation: 28		
strument cluster / Immobilizer sp	ecial functions		_	-		- ×
						Recei
Mileage	- Read/wite ContD	ata/Immo data				
61553	00000000 09 0	13 00 00 00 00 10 00 00 00 00	00 00 00 00 00 00	00 00 00 ·	Read ConData	Update Con/Data
Read Recalibrate	00000030 00 0	10 00 00 00 00 00 10 00 00 00 00 10 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 64 80 DC 05 57	0 00 00	Load from file	Save to file
Hileage by Ilash/ConData dumps (Micronas)		C FF FF C9 83	00 FF 64 00 00	0 04 FF		
Immo Data ID		V	Dar click	R	sed Inmo	immo data by Rativ/Con/Data
ierial number		Transponder iden	licators	Up	date immo e	oursps (Micrones)
Serial key(CS)		KeslD1	KeyID5		data	Espoit imme data to ContData (Micconai)
Status	Power Class	KeyID2 KeyID3	KeyID6 KeyID7		-	Program data in ECU
Configuration		KesiD4	KeyIDB	Ma	ika dealar and add it	Retor
PIN 0				10	deta	PCAnmobilizer to VIRGIN state
						Evè

IMPARTIMOS CURSOS DE:





5-Para respaldar la información antes de realizar cambios damos click en "Save to file".

ABRITES Dia	agnostics for VW/Au	di/Seat/Skoda 22.0	-	Days unt	il HW synchro	nization: 28		
strument clus	ster / Immobilizer sp	ecial functions					-	23
Nieace		- Bead/wite CortD	ata-firmo d	iala -				Resol
E1953	-	00000000 24 0	4 33 56	57 58 43	37 31 4B	37 37 4D .	Read	Update
101330		00000020 56 5	17 31 AA	AA 58 58 58 58 DI	58 58 58 08 E3 0B	58 58 58 E5 8C 1A	ConiDat	a Con/Data
Read	Recalibrate	OBC00030 CB I OBC00040 F7 F OD000050 56 5	0 9C 1E	14 00 00 FF FF FF	0 00 FA FE	DE OC CC E 06 44 01 30 34 34	Load lior file	n Save to file
Hileage by Hash/ContDa dumps (Micror	y Export mileag sta Cor/Data (Micronas		2E E4 A1	63 D5 E4	A1 10 51	92 06 79 - Dar	click	~
immo Data				-		//		
ID 37wXJ	71K77M129071						Read Immo data	fiash/Con/Data
erial number	VWZ7Z0F9230443		Transpor	nder identifica	alora		Update Immo	Comps (Micronas)
ierial key(CS)	1aee771ecbd09c		KeyID1	4ddee4a1	KeyID5	maa	data	Export mms data to ContData (Microna)
HAC	e5Dcccce		KeylD2	bbd5e4a1	KeylD6	minut		
Status	0000001a/e	Power Class 80	Kes(D3	10519286	KeyID7	0111111		Program data in ECU · EDC16 / MED 9x
Configuration	f10106440111	01-WW	KeyID4	7bee3176	KeyIDB	0111717	Make dealer key and add it	Bashras
PIN	3043						to the immo deta	IFC/mmobilizer to VIRGIN state
	completed							Exit

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6-En el cuadro de dialogo ID nos aparecerá el numero VIN que contiene

el tablero.

Immobilizer special				and the second division of the second division of the			
	functions						×
							Recet
	-Read/write Cont	Data/Immo d	57 58 41	97 91 AB	97 97 AB		
	00000010 30	37 31 AA	AA 58 50	58 58 58	58 58 58	Fiead ConData	E Con/Data
Recalibrate	00000020 58 00000030 CB	58 58 58 D0 9C 1E	58 58 DI 14 09 00	0 08 E3 08	ES BC 1A	Load loo	
	00000050 56	57 5A 37	5A 30 46	5 38 32 33	30 34 34	file	Save to file
Export mileage to Con/Data (Micronas)	00000060 4D	DE E4 A1	69 D5 E4	A1 10 51	92 66 73 .		
7M129071 T		Num	nero V	'IN	/	Read Inno data	Immo data by Rash/Con/Data dumps (Micronas)
771ecbd0%c		KedD1	4ddee4a1	KeyID5		Update Immo data	Espoit mme data s
0000		KevID2	bbd5e4a1	KeyIDE	0000		ContData (Microna
000ta/e Pow	er Class 80	KeyID3	10619296	KeyID7	011997		Program data in EC
06440111 01	- w -	KesiD4	7bee3176	KeyIDB		Make dealer key and add it	Bestore
3				4.		to the immo data	IPC/mmobilizer to VIRGIN state
	Receibrate Export mileage to CardData (Micronal) 7/4129071 T 2720F8230443 6771ecbd030; 5001a/e Pow 0601a/e Pow 06440111 01	Recalizate Read/wite Cont D0000000 24 00000000 24 D0000000 36 00000020 56 D0000020 56 00000020 56 D0000000 30 00000000 36 D0000000 4D 00000000 4D Power Disse 00000000 4D 7/1120071 T 7/71ecbd0% Power Class 0001a/e Power Class 001 - VW T	Recalizate Read/wite ContData/Immo d 00000000 24 04 33 56 0000000 24 04 33 56 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 57 53 73 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 00000000 26 58 58 58 000 90 90 90 90 90 90 90 90 90 90 90 90	Read/wite CortData/time data 00000000 24 04 33 56 57 58 44 00000000 56 57 58 58 58 58 50 00000000 56 57 58 58 58 58 50 00000000 66 57 58 37 58 40 00000000 56 57 58 37 58 40 00000000 56 57 58 37 58 40 00000000 56 57 58 37 58 40 00000000 66 57 58 37 58 40 00000000 66 57 58 37 58 40 0000000 40 DE 24 41 29 D5 24 0000060 40 DE 24 31 59 55 4 0000060 40 DE 24 31 59 56 4 1000060 40 DE 24 31 10519286 1001 40 40 1 101 40 40 40 1 101 40 40 1 101 40 40 40 1 101 40 40 1	Read/wike ContData/Imme data 00000000 24 04 33 56 57 55 4A 37 31 4B 00000000 24 04 33 56 57 55 4A 37 31 4B 00000000 36 37 31 2A 2A 55 58 55 55 DD 06 23 0B 00000000 56 55 58 55 55 DD 06 23 0B 00000000 CB D0 9C 1E 14 00 00 50 EA FE 00000000 CB D0 9C 1E 14 00 00 50 EA FE 00000000 CB D0 9C 1E 14 00 00 50 EA FE 00000000 CB D0 9C 1E 14 00 00 50 EA FE 00000000 CB D0 9C 1E 14 00 00 50 EA FE 00000000 CB D0 9C 1E 14 00 00 50 EA FE 00000000 CB 57 53 75 A 30 46 38 32 30 00000000 4D DE E4 21 BB D5 E4 21 10 51 7M122071 T 7M122071 T <	Read/write ContData/Imme data D0000000 24 04 33 56 57 55 4Å 37 31 4B 37 37 4D D0000000 36 37 31 2Å 2Å 55 55 55 55 55 55 55 55 55 55 55 55 55	Read/wike ContData/Imme data 00000000 24 04 33 56 57 55 4A 37 31 4B 37 37 4D 30000010 30 37 31 2A 2A 55 58 55 55 55 55 55 55 55 55 55 55 55

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7-Borramos el numero VIN anterior.

ABRITES Diagno	ostics for VW/Audi	VSeat/Skoda 22.0		www.ab	ritus72.co	m				
strument cluster	/Immobilizer spec	cial functions		-						23
										Recei
Hieage		-Read/write ContD	ata/Immo d	ala				-	-	
61553		00000000 24 0	14 33 56 17 31 AA 18 58 58	57 58 4 AA 58 5 58 58 D	A 37 31 8 58 58 D 08 E3	48 37 58 58 08 E5	5 8C 1A		Flead ConiData	Update Con/Diata
Read	Recalibrate	00000030 CB 1 00000040 FF 1 00000050 56 5	0 9C 1E	14 00 0 FF FF F 5A 30 4	0 80 FA F FF F1 6 38 32	FE DE 01 04 33 30	0C CC	€ //	Load Irom	Save to file
Hileage by (lash/ConfData dumps (Micronas)	Export mileage Con/Data (Micronas)	10 0000000 4D 1	HE E4 A1	69 D5 E	4 A1 10	51 92	2 86 73 . F	-//		
immo Data ID	I	Be Be	orrar				1	Re	ad Immo date	Immo data by flash/Con/Data dumps (Micronas)
erial number VW	2720F8230443		Transpo	nder identilic	alora	-		Upd	omni ete	
erial key(CS) 1 ee	e771ecbd09c		KeyID1	4ddee4a1	Kej	ID5	0.000		data	Export imme data to ContData Microma
MAC e50	00000		KeylD2	bbc5e4a1	Ke	ADE	01 871			
Status C00	000ta/e	Power Class 80	KesID3	1051 9286	Kej	ID7	ALC: T			Program data in ECU + EDC16 / MED Sk
onligutation (101	106440111	• WV - 10	KesID4	7bee3176	Kej	ID8	00997	key lal	end add it	Restore
PIN 304	3							-	data	VIRGIN state

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8-Digitamos el numero VIN del vehículo al cual se va a adaptar el tablero.

ABRITES Dia	ignostics for VW/Ai iter / Immobilizer sp	udi/Seat/Skoda 22.0 secial functions	www.abritus	72.com		
						Recet
Mileage		- Read/write Contl	Data/Immo data			
61553		00000000 24 00000010 30 00000020 58	04 33 56 57 58 4A 3 37 31 AA AA 58 58 5 58 58 58 58 58 58 DD 0	7 31 4B 37 37 4D . 8 58 58 58 58 58 58 8 E3 0B E5 8C 1A	Read ConData	Update Con/Data
Read	Receibra	e 00000030 CB 00000040 FF 00000050 56	DO 9C 1E 14 0D 00 8 FF FF FF FF FF FF FF FF 57 5A 37 5A 30 46 3	0 FA FE DE 0C CC E F F1 01 06 44 01 8 32 33 30 34 34	Load Iron	Save to file
Hileage by Ilash/ContDat dumps (Micron	ta Export milea ContDat (Microra	22 to a d	DE E4 A1 E9 D5 E4 A	1 10 51 92 86 78	-	
Immo Data ID 3/w/253	21K05M757710		ntroducir nue	evo vin	Read Inno date	immo data by flash/Con/Deta dunos (Micronas)
Serial number	VW2720F9230443		Transponder identificators		Update Immo	
Serial key(CS)	1aee771ecbd06c		KeslD1 4ddee4a1	KeyID5 IIIIIII	data	Export mme data to ContData Micronal
HAC .	e50cccce		KeyID2 bbd5e4a1	KeyID6 IIIIII		
Status	0000001a/e	Power Class 80	KesiD3 10618286	KeyID7		Program data in ECI · EDC16 / MED 9/
Configuration	10106440111	01-WW -	KeyID4 7bee3176	KeyID8 IIIIIII	Make dealer key and add it	Bashna
PIN	3043				to the immo data	IFC/mmobilizer to VIRGIN state
lemoly leading (completed					Exit

IMPARTIMOS CURSOS DE:





9- Para finalizar la Hermanación del tablero damos clic en : "Update Immo Data"

ABRITES DI	agnostics for VW/AL	udi/Seat/Skoda 22.0	-	www.abr	nitus72.com			23
trument du	ster / Immobilizer sp	pecial functions				-		
								Reset
Mileage		Read/write ConfD	ata/Immo d	lata			-	
61553		00000000 24	04 33 56 37 31 AA	AA 58 51	A 37 31 4B	58 58 58	Flead ConDat	Update ConfData
		00000020 58	58 58 58	58 58 DI	0 08 E3 0B	ES BC 1A		
Read	Receibrat	00000040 FT	FT FT FT	FF FF FF	F FF F1 01	06 44 01	Load Iro	m Save to file.
		00000050 56	57 5A 37	5A 30 40	6 38 32 33	30 34 34	, n.c	
Hileage by Hash/ConfDa	ka Export milear Cov/Date	pe to	LE LA AL	00 00 20	* MI 10 31	52 00 75 -		
dumps (Micror	nas) (Miciona)	1/1 1 1				*/		
immo Data								
ID 3AVZS	21K05M757710			0	Dar click		Reed Inno dete	flash/Con/Data
ierial number	VWZ7Z0F8230443		Transpor	nder identific	ators		Understand	dumps (Micrones)
Serial key(CS)	1aee771ecbd00c		KesID1	4ddee4a1	KeyID5		d'g	Esport mme data to
MAC	EDeener		Fulles	Mar Find al	Kadhe	00000		ContData (Micronas)
nee	educecce		NeyID2	DOCUMAN	- Keybe	Tanna .		Program data in ECU
Stalus	0000001a/e	Power Class 80	KestD3	10519286	KeylD7	mun		· EDC16 / MED 9x
Configuration	r18106440111	01 - VW 🔻	KeyID4	7bee3176	KeyIDB	01000	Make dealer key and add it	Restore
PIN	3043						to the immo data	IPC/mmobilizer to VIBGIN state
	1							

IMPARTIMOS CURSOS DE:





10-El procedimiento para adaptar la ECU MED9.1, utilizaremos el lector de memorias GQ4 y pinzaremos la memoria 95160.



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11-Después de la lectura de la memoria con el GQ4 abrimos el archivo con el software de UPA que nos permite editar el numero VIN que aparece tres veces en la sección de ASCII.

UPA	-USB E	Device P	rogramm	ner v1.2	- C:\Use	ers\PR(OPIETAR	RIO MO	E\Deskt	op\DUM	PS\Bora	2006 blan	ico pato ECU 95160.bin
E File	Edit	View	Format	Devic	e Ac	tions	Script	Osci	lloscope	Tools	Help		
100	الما 🔄	, i G	0		$ \times $	A A			12,			2 🗳 📮	
• • •	9 🗖	÷.	BI	U	88	Ξ.		<u>a</u> 101					
😽 Ur	ntited1	Bora 2	006 blanco	o pato EC	CU 9516	0							
	ntited1 0000: 0000 0000 0000 0000 0000 0000 0	Ibora 21 01 201 21 12 21 12 21 12 20 02 21 12 10 20 12 12 10 13 10 13 10 13 11 22 12 13 13 22 13 22 13 22 13 22 13 22 13 22 13 22 13 22 12 12 13 22 13 22 13 23 13 22 13 22 13 22 14 13 15 13 16 10 17 12 10 10 10 10	UUE blanc UU 0 0 36 2D 10 3 36 2D 13 36 2D 15 2 2 13 15 2 2 2 13 15 2 2 2 13 15 2 2 2 13 15 2 2 5 2 13 15 3 9 D 25 15 9 D 84 16 9 D 25 10 00 10 00 10 00 14 31 33 37 31 30 30 73 31 30 30 73 31 32 C0 17 31 36 30 37 32 C0 17 31 36 30 37 32 C0 17 31 30 00 00 10 00 00	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \text{parter} EF \\ FF \\ FF \\ F \\ F \\ S \\ $	1 9516 20 360 32 3 300 33 3 3 3 377 33 33 3 3 3 390 300 33 3 3 3 3 377 33 399 40 0 0.0	0 0 D 31 3 1 T 33 3 7 T 33 3 7 T 33 3 7 T 31 3 1 9 80 0 1 9 80 0 1 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2D 33 20 18 50 18 32 32 11 DF 77 11 08 48 11 DF 77 11 08 48 11 DF 77 11 08 48 11 DF 77 11 08 48 18 37 37 37 00 46 37 37 37 00 00 00 00	2 31 00 3 73 07 64 3 83 33 3 73 43 5 72 77 3 75 77 3 74 3 22 33 5 72 77 7 37 44 3 32 33 7 4D 33 3 74 23 3 74 24 3 7	1 .	08 ji ji 6 12 2 7 10 3 7 10 10 10 10 10 10 10 10 10 10 10 10 10	2 0 0 1 1 3 7 3 7 3 7 3 7 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	2 · 21 · . P. 4 · . 8 · . 9 · . 9 · . 9 · . 9 · . 9 · . 1	Numero VIN repetido 3 veces Numero Vin anterior: 3VWXJ71K77M129071
000	0200: 0210:	09 01 0				0 00 0	0 00 00)))				
Off	iset 00	0000h	Data	01h	: :	Size 0	100800h		RC		Over	Find/Repl	ace Monitor
Message	es												

)F 18)F	7B 45 7B	FE F2 FE	CB 7F CB	P	Í	0 0		% %	þ	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Ð	@	1) 1	` ¼	a a	В В	{ E {	Þ ò Þ	E I Ë	
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7	37	4D	31	0	4	4	3	3	٧	W	X	J	7	1	Κ	7	7	М	1	
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В	37	37	4D						3	Y	W	Χ	J	7	1	Κ	7	7	М	
6	38	32	33	1	2	9	0	7	1	V				2		F		2	3	
7	37	4D	31	0		4	3	3	۷	W	ſΧ	J	7	ĩ	Κ	7	7	М	1	
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n.	00	ED.	30															ά.		

IMPARTIMOS CURSOS DE:



Messages

EXCELENCIA EN CAPACITACION AUTOMOTRIZ



12-Colcamos el cursor al inicio de cada numero VIN digitando el numero y letra una por una sin presionar la tecla espacio o enter .

U U	PA-USB	Device P	rogram	mer v1.2 -	C:\Users	PROPIETAR		esktop\DUM	PS\Bora 2	006 blanco	pato ECU 95160 HERMANADO.bin
File	Edit	View	Format	t Devic	e Actio	ns Script	Oscillos	cope Tools	Help		
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۲	PI	÷.	BI					: > = L			
	Untited1	Bora 2	006 blanc	o pato EC	U 95160	Bora 2006 bla	anco pato I	ECU 95160 HE	RMANADO		
	United 2000000000000000000000000000000000000	Dudg 20 Control 10 Contro 10 Control 10<	$\begin{array}{c} \mbox{width} \label{eq:constraint} \mbox{width} \m$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	36 20 0 36 20 0 33 37 7 33 37 70 0.4 31 9 40 95 9 40 95 9 40 95 7 5A 53 7 5A 53 7 5A 53 7 5A 53 0 00 00 0 00 00 0 00 00 0 00 00 0 00 00 0 00 00 0 00 00 0 00 00 0 00 00 1 00 00 2 7F 7F 8 33 00 0 00 00 0 00 00 0	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 2 3	31 00 0 37 66 38 33 1 75 AD 38 33 1 75 AD 7 76 28 32 33 1 72 7F 27F 7F 28 40 37 34 34 37 34 34 37 34 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 34 37 36 30 37 34 37 34 37 36 36 37 36 36 37 37 36 36 37 36 36 36 36 36 36 36 36	. 08 ji ji . 06 · 12 . 06 · 12 	06 12 03738 73718 0.1 0.3 0.1 0.3 0.1 0.4 0.5 0.6 1.3 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 1.7 0.7 1.7 0.7 1.7 1.7 1.7 1.7 1.7	- 21. - 21. - 29. - 29.	Editar VIN nuevos Numero Vin: 3VWZS21K06M757710
(Offset 00	00000h	Data	a (01h	Size	e 000800h	CRC		Over P	ind/Replace	e Monitor

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IMPARTIMOS CURSOS DE:





13-Conectamos la ECU al vehículo abriremos switch a ON y el cuadro de dialogo del panel de instrumentos si ya no muestra "SAFE" el vehículo encenderá.

EXCELENCIA EN CAPACITACION AUTOMOTRIZ

