

VEEA

UNLOCKER

MANUAL



RICA
engineering

RICA VEA UNLOCKER - MANUAL

STEP 1: START "RICA TUNING MANAGER"

STEP 2: CLICK ON "NEW JOB" - AFTER THAT SELECT THE "MAKE", "MODEL" AND THE "ENGINE VARIANT" - AFTER THAT, CLICK ON "NEXT"

The screenshot shows the RICA Tuning Manager software interface. The main window title is "RICA Tuning Manager - Version 3.10.2.338 [Distributor Version]". The interface includes a menu bar with options: New Job, Get File, View Job, Tuned OK, Problem, Options, Bookings, Search, Manage, Settings, Exit, and Help. Below the menu bar, there are tabs for "Cars to Tune (Jobs)", "Bookings (Online Diary)", and "Dealer News". A red banner at the top of the main window reads: "There will be no software available from 19/10/2017 until 23/10/2017".

The "Select the car you are tuning" dialog box is open, showing three steps:

- 1. Select Make:** A list of car manufacturers is shown, with "Volvo" selected at the bottom.
- 2. Select Model:** A list of models is shown, with "V60 / V60 CC 2016-" selected.
- 3. Select Engine Variant:** A list of engine variants is shown, with "D4 190 hp" selected.

Buttons at the bottom of the dialog box are "Skip >", "Cancel", and "Next >".

GO TO THE NEXT PAGE FOR MORE STEPS

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STEP 3: FILL IN ALL THE RELEVANT DETAILS - AFTER THAT, CLICK ON "SEND"

Enter the details for the job

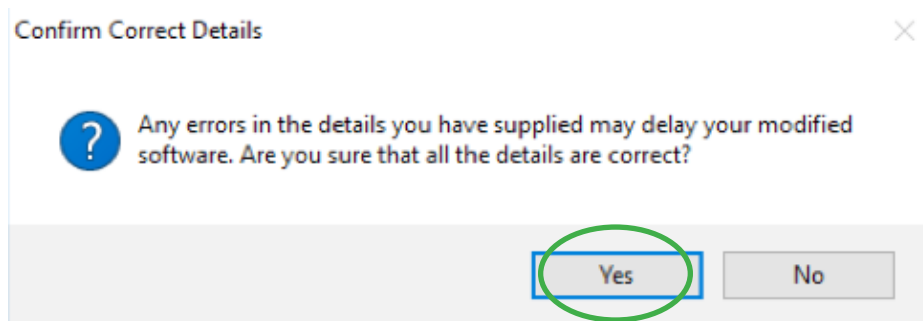
Vehicle Details	Type of Tuning	Job and Customer Details
Make: VOLVO	<input type="radio"/> FILE What's this?	Tuning Date: Wed - 11 Oct 2017
Model: V60 / V60 CC D4 190 HP	<input type="radio"/> SOFTWARE ORDER	Job Reference:
VIN:	<input checked="" type="radio"/> SOFTLOADER Serial #: 8352	First Name: RICA
Registration: XXXXX Year: 1999	<input type="radio"/> IP FLASH	Surname: ENGINEERING B.V.
Upgrade : RICA Stage 2 [258 hp / 545 Nm]	File Details	Address Line 1:
<input type="checkbox"/> Original and Modified <input type="checkbox"/> Reload	Tuning Method:	Address Line 2:
Notes:	Select File:	City:
Retail Price: 740.00 EUR Exc VAT	File Name:	County:
Discount: <input type="checkbox"/> Includes 25% Discount	SW Version:	Postcode:
Cost Price: 0.00 EUR Exc VAT	HW Version:	Country:
		Email: info@rica.nl
		Telephone:

= Required Fields = Recommended Fields

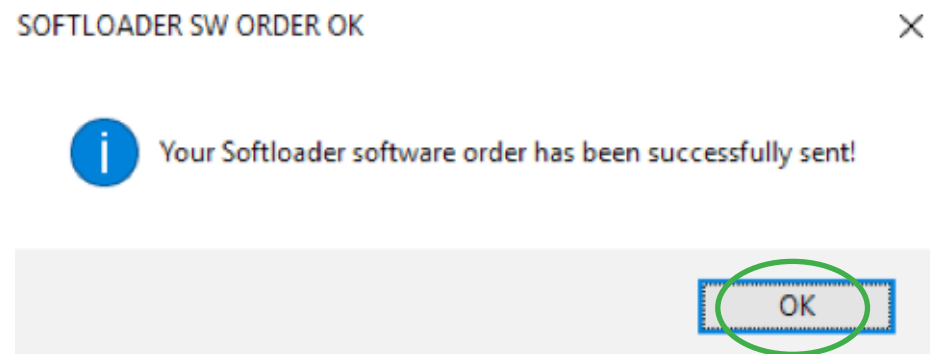
Cancel SEND

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STEP 4: CLICK ON "YES" TO CONFIRM THAT THE DETAILS ARE CORRECT.



STEP 5: YOU WILL NOW SEE THE SW ORDER IS OK - CLICK ON "OK"



THE CAR IS NOW REGISTERED IN THE RICA TUNING MANAGER.

Tuning Date	Type	VIN	Registration	Make	Model	Year	Upgrade Instructions	Notes	Status
11 Oct 2017	SOFTLOADER		XX-XX-XX	VOLVO	V60 / V60 CC D4 190 HP	2016	RICA Stage 2 [258 hp / 5...	[SN:8352]	SL ORDER

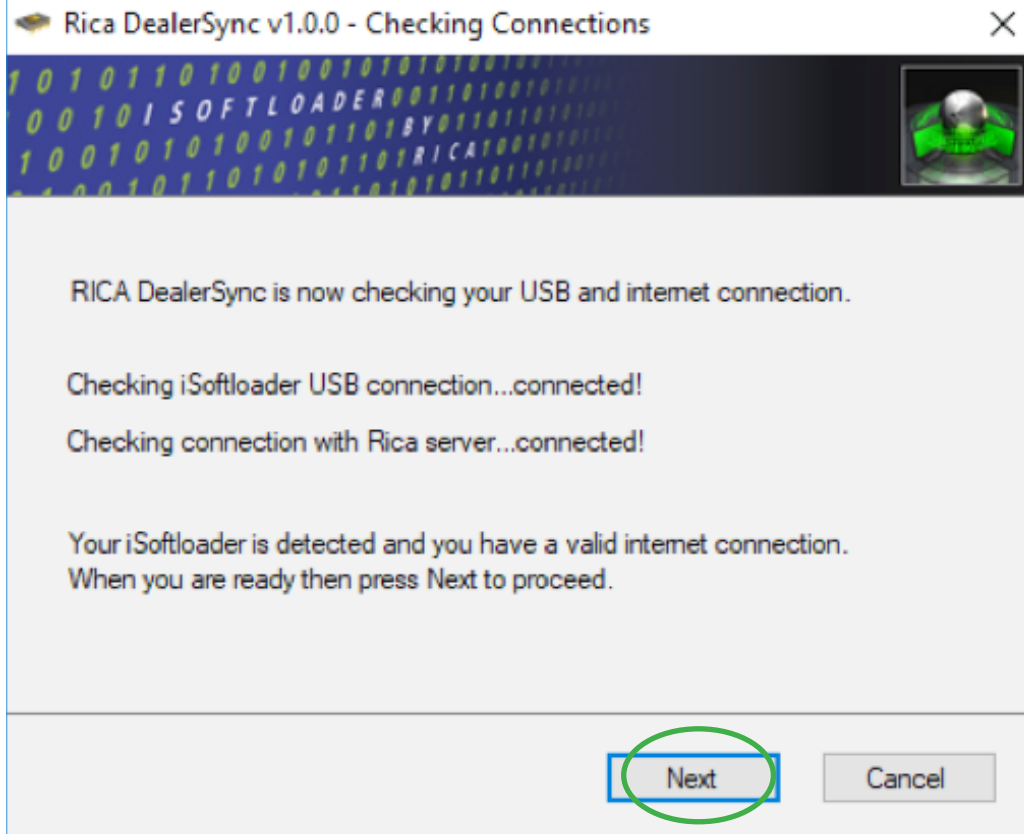
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STEP 6: START "RICA DEALERSYNC". CONNECT THE ISOFTLOADER TO THE PC AND CAR - AFTER THAT, CLICK ON "NEXT"



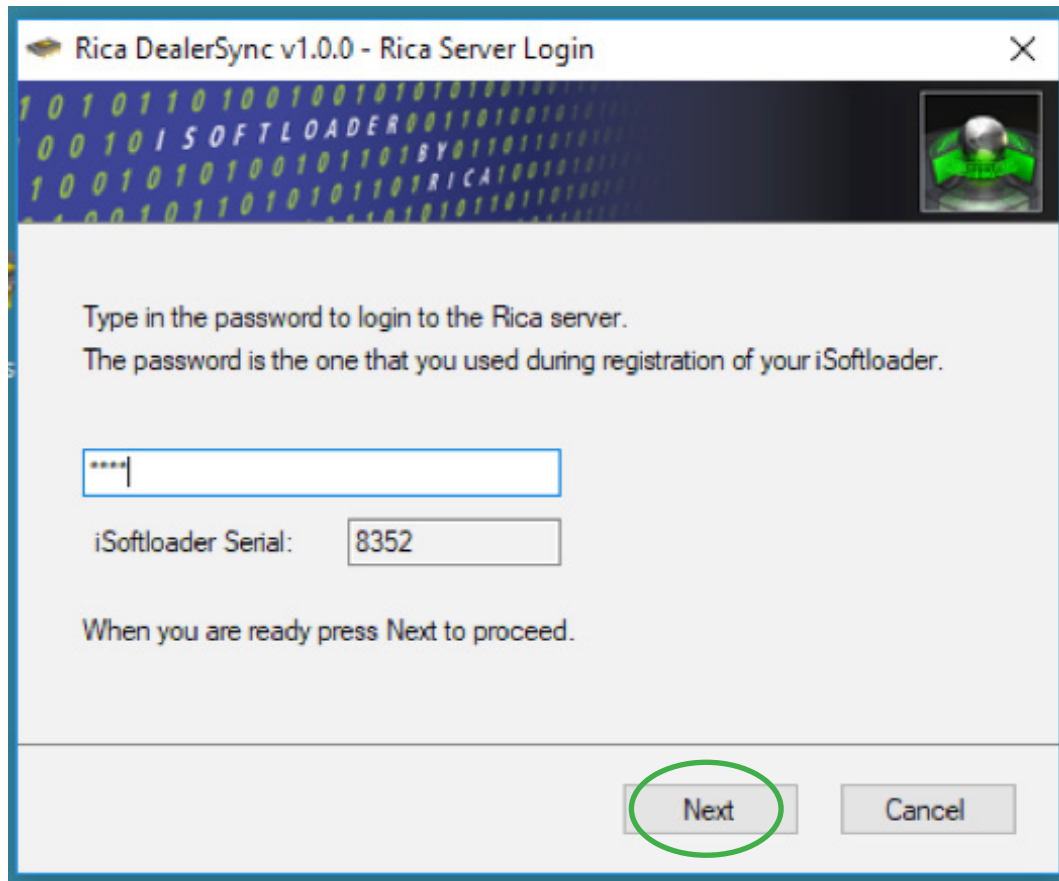
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STEP 7: WHEN THE ISOFTLOADER AND THE RICA SERVER IS CONNECTED YOU WILL SEE THIS DIALOG BOX - CLICK ON "NEXT" TO CONTINUE.



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STEP 8: FILL IN THE PASSWORD - AFTER THAT, CLICK ON "NEXT".



Rica DealerSync v1.0.0 - Rica Server Login

Type in the password to login to the Rica server.
The password is the one that you used during registration of your iSoftloader.

iSoftloader Serial: 8352

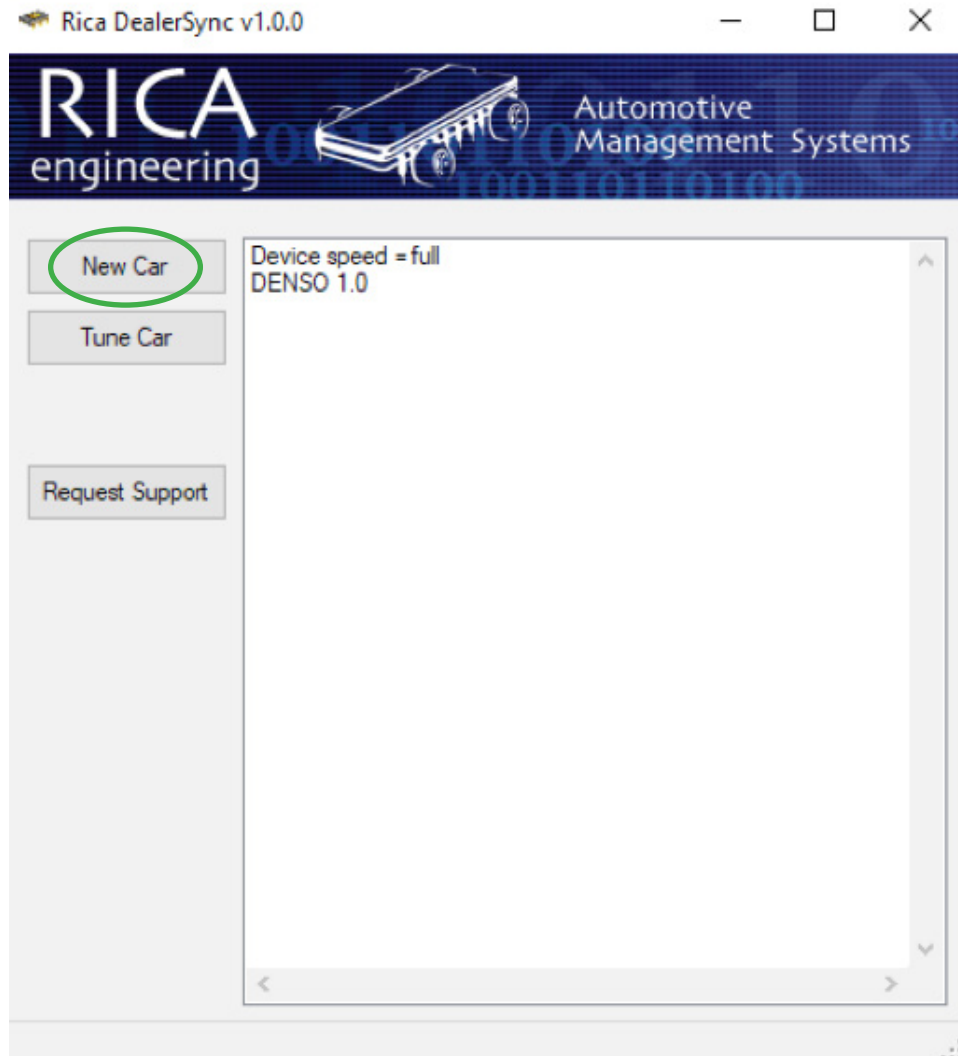
When you are ready press Next to proceed.

Next Cancel

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STEP 9: CLICK ON "NEW CAR" - A SECOND DIALOG BOX WILL POPUP, FILL IN ALL THE DETAILS - AFTER THAT, CLICK ON "SUBMIT" - AFTER THAT, CLICK ON "TUNE CAR"
(GO FURTHER TO STEP 14 IF THE CAR IS ALREADY UNLOCKED)

CLICK ON "NEW CAR" - A SECOND DIALOG BOX WILL POPUP, FILL IN ALL THE DETAILS - AFTER THAT, CLICK ON "SUBMIT" - AFTER THAT, CLICK ON "TUNE CAR"



CustomerDetails

SOFTLOADER BY RICA

Customer Details:

First Name: Rica Postcode: 2292 JE

Last Name: Engineering Country: Netherlands

Address Line 1: Kloppeman 35 Email: info@rica.nl

Address Line 2:

Address Line 3:

Address Line 4:

Phone: 0174226806

Car Details:

License Plate: xx-xx-xx Model: v60

Manufacturer: volvo Year: 2017

VIN:

SW Partno:

Submit Cancel

RICA VEA UNLOCKER - MANUAL

STEP 9: CLICK ON "NEW CAR" - A SECOND DIALOG BOX WILL POPUP, FILL IN ALL THE DETAILS - AFTER THAT, CLICK ON "SUBMIT" - AFTER THAT, CLICK ON "TUNE CAR"
(GO FURTHER TO STEP 14 IF THE CAR IS ALREADY UNLOCKED)



RICA VEA UNLOCKER - MANUAL

STEP 10: REMOVE ECU, FOLLOW FURTHER STEPS



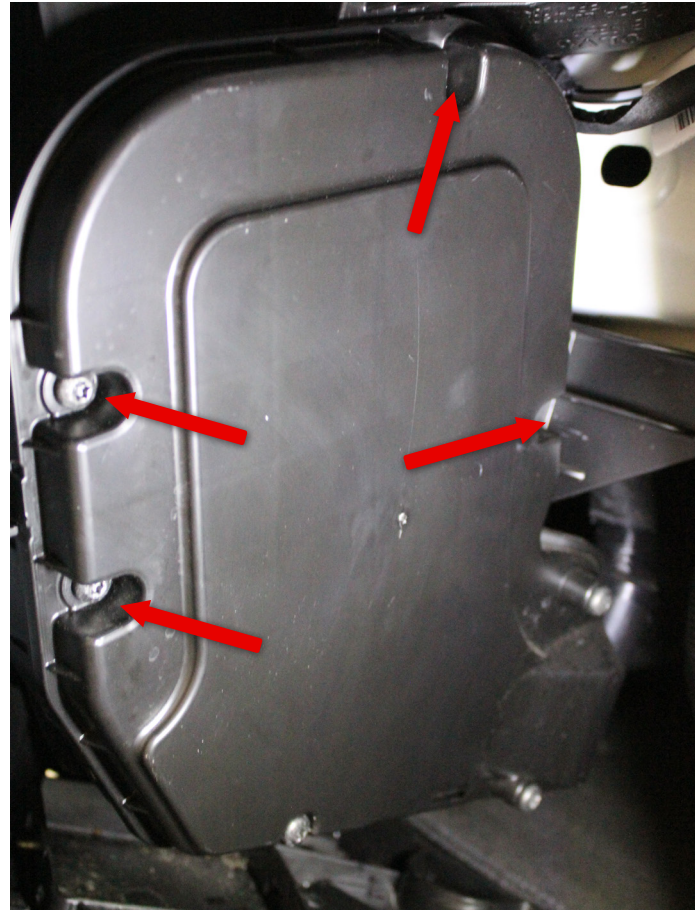
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STEP 10 - FOR V40: REMOVE THE ECU

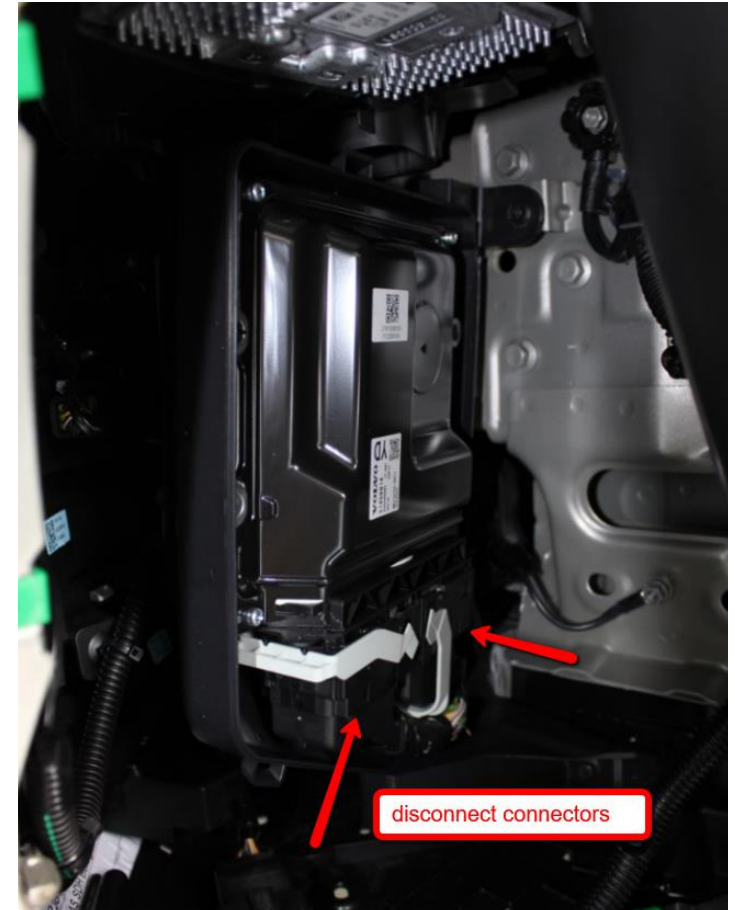
REMOVE THIS SREWS



AFTER THAT, REMOVE THIS SREWS



AFTER THAT, DISCONNECT THE CONNECTORS

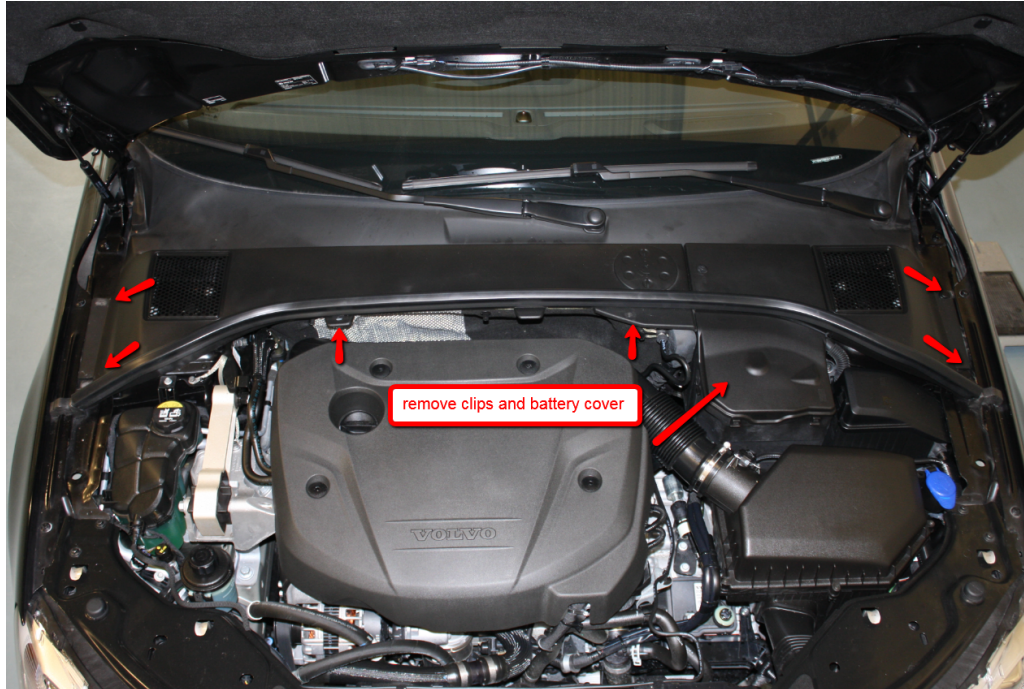


GO TO THE NEXT PAGE FOR MORE STEPS

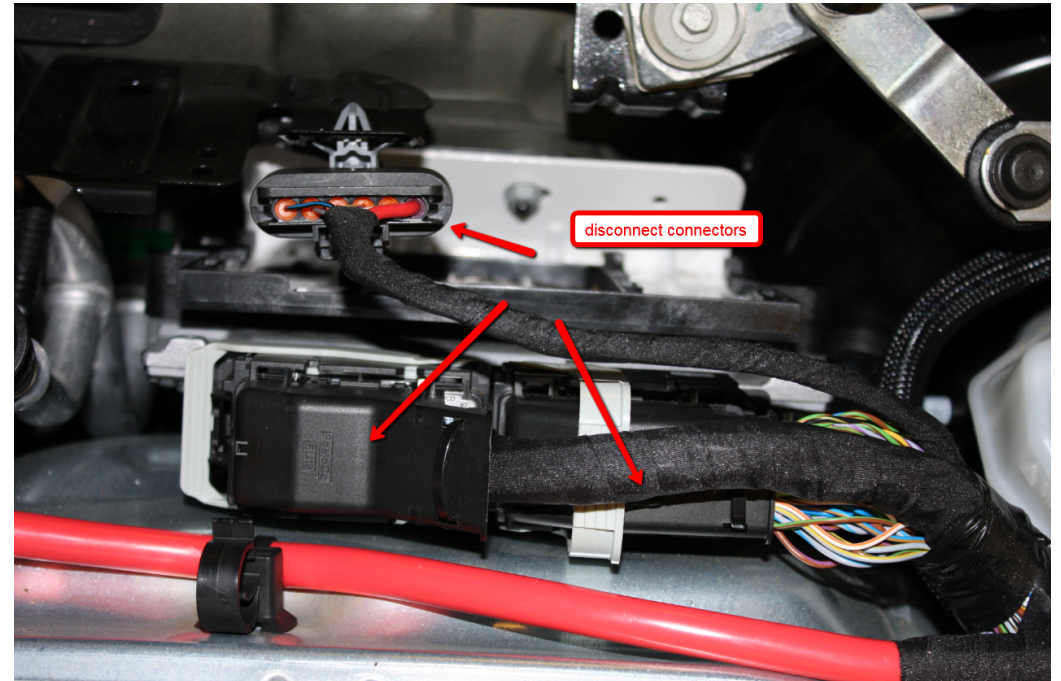
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STEP 10 - FOR V60, S60, XC60: REMOVE THE ECU (1)

REMOVE CLIPS AND BATTERY COVER



DISCONNECT CONNECTORS

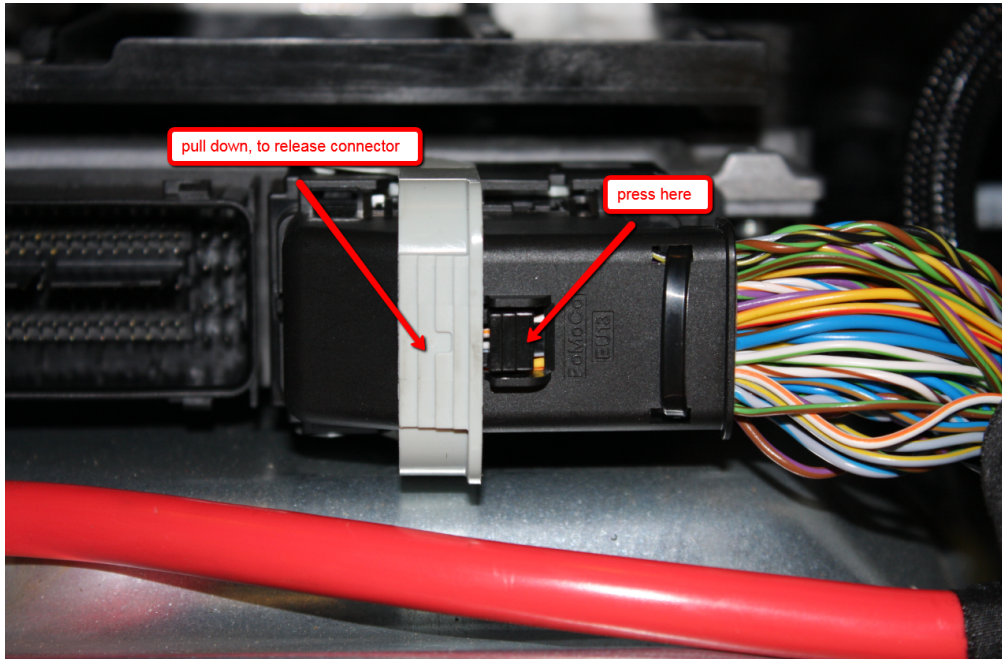


GO TO THE NEXT PAGE FOR MORE STEPS

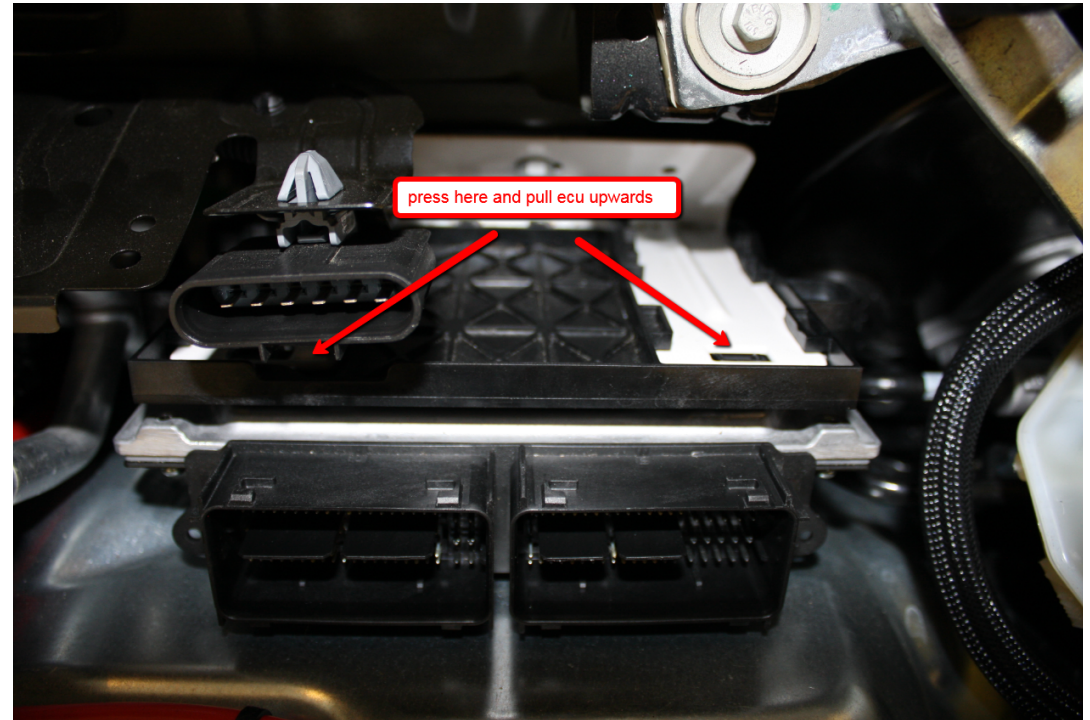
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STEP 10 - FOR V60, S60, XC60: REMOVE THE ECU (2)

PULL DOWN TO RELEASE CONNECTOR



PRESS TO PULL THE ECU UPWARDS



GO TO THE NEXT PAGE FOR MORE STEPS

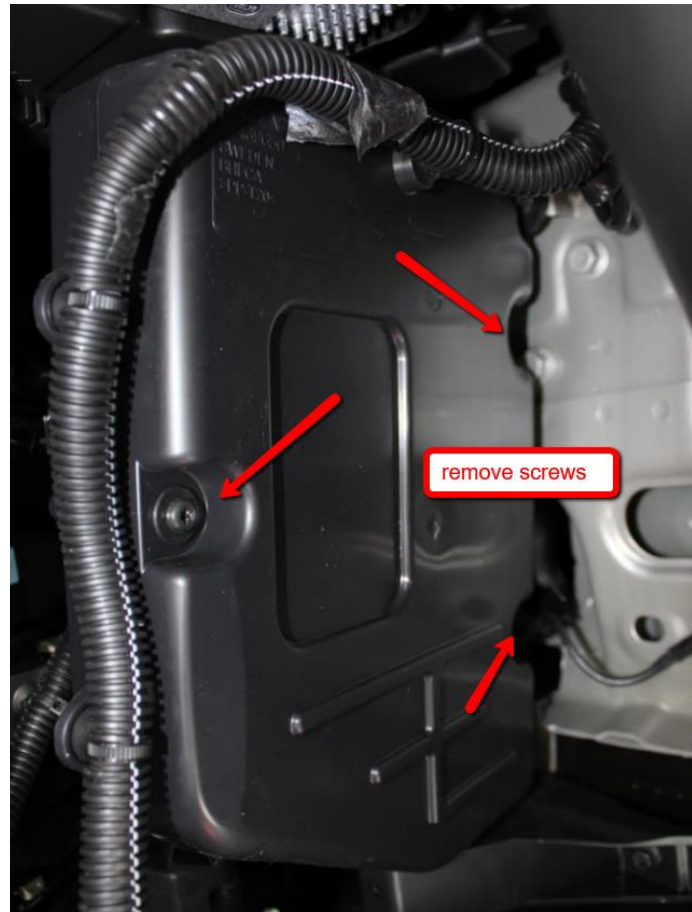
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STEP 10 - FOR V90, S90, XC90, XC60 (2018-): REMOVE THE ECU

REMOVE THIS SREWS



AFTER THAT, REMOVE THIS SREWS



AFTER THAT, DISCONNECT THE CONNECTORS



GO TO THE NEXT PAGE FOR MORE STEPS

RICA VEA UNLOCKER - MANUAL

STEP 11: AFTER HAVING FINISHED REMOVING THE ECU, CLICK "CLOSE" - SET POWER SWITCH FROM THE ADAPTER TO "I" - CONNECT THE SPECIAL UNLOCK CABLE IN THE ECU - AFTER THAT, CONNECT THE 220 VOLT POWER SUPPLY



POWERSWITCH

RICA VEA UNLOCKER - MANUAL

STEP 12: FOLLOW INSTRUCTIONS IN THE DIALOG, THIS WILL TAKE ABOUT 4 MINUTES

RICA engineering Automotive Management Systems

New Car

Tune Car

Request Support

Device speed = full
DENSO 1.0
Found connection with vehicle.
VIN retrieval started at 10/11/2017 6:21:53 PM
VIN: [REDACTED]
VIN retrieval finished at 10/11/2017 6:21:54 PM
In order to proceed we need additional information
Click the Tune button to continue
Found connection with vehicle.
Found connection with vehicle.
Diagnostics retrieval started at 10/11/2017 6:23:02 PM
VIN: [REDACTED]
SW partno: 31474026AC
Serial: 000000336988
SIGCFG partno: 31432772
Diagnostics retrieval finished at 10/11/2017 6:23:04 PM
Now please remove the ECU from vehicle.
When done connect the special unlock cable to the ECU.
When ready press Tune car.
Found connection with vehicle.
Checking ECU started at 10/11/2017 6:24:36 PM

Please disconnect power from ECU !

OK

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STEP 12: FOLLOW INSTRUCTIONS IN THE DIALOG, THIS WILL TAKE ABOUT 4 MINUTES

RICA engineering Automotive Management Systems

New Car

Tune Car

Request Support

Device speed = full
DENSO 1.0
Found connection with vehicle.
VIN retrieval started at 10/11/2017 6:21:53 PM
VIN: [REDACTED]
VIN retrieval finished at 10/11/2017 6:21:54 PM
In order to proceed we need additional information
Click the Tune button to continue
Found connection with vehicle.
Found connection with vehicle.
Diagnostics retrieval started at 10/11/2017 6:23:02 PM
VIN: [REDACTED]
SW partno: 31474026AC
Serial: 000000336988
SIGCFG partno: 31432772
Diagnostics retrieval finished at 10/11/2017 6:23:04 PM
Now please remove the ECU from vehicle.
When done connect the special unlock cable to the ECU.
When ready press Tune car.
Found connection with vehicle.
Checking ECU started at 10/11/2017 6:24:36 PM
VEA OBDDII unlocking started at 10/11/2017 6:26:19 PM
Please switch ECU power on now..

RICA engineering Automotive Management Systems

New Car

Tune Car

Request Support

In order to proceed we need additional information
Click the Tune button to continue
Found connection with vehicle.
Found connection with vehicle.
Diagnostics retrieval started at 11/10/2017 14:59:28
VIN: [REDACTED]
SW partno: 31474026AC
Serial: 000000336988
SIGCFG partno: 31432772
Diagnostics retrieval finished at 11/10/2017 14:59:30
Now please remove the ECU from vehicle.
When done connect the special unlock cable to the ECU.
When ready press Tune car.
No voltage detected on OBDII port.
Is the OBDII cable correctly connected to vehicle?
No voltage detected on OBDII port.
Is the OBDII cable correctly connected to vehicle?
Found connection with vehicle.
Checking ECU started at 11/10/2017 15:09:05
VEA OBDDII unlocking started at 11/10/2017 15:10:15
Please switch ECU power on now..
Please wait now..
VEA OBDDII unlocking finished at 11/10/2017 15:10:19
Found connection with vehicle.
Reading session started at 11/10/2017 15:10:21
Please wait now..

THIS WILL TAKE ABOUT 4 MINUTES

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STEP 13: READING IS FINISHED, PLEASE INSTALL THE ECU BACK IN THE VEHICLE - AFTER THAT, TURN THE IGNITION SWITCH FROM ON - WHEN DONE, PRESS "TUNE CAR" TO PROGRAM CAR USING THE OBD2 CABLE CONNECTED TO ISOFTLOADER AND CAR



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STEP 14: CLICK "DOWNLOAD STAGE" - ISOFTLOADER IS NOW UPDATING

The screenshot displays two windows from the RICA DealerSync v1.0.0 application. The left window, titled 'AvailableStagesForm', contains a form for entering car details. The 'Download Stage' button is highlighted with a green circle. The right window shows a diagnostic log with a 'Tune Car' button highlighted in blue. An 'Updating iSoftloader...' dialog box is overlaid on the log window, showing a progress bar and folder icons.

AvailableStagesForm

Your car details:

License Plate:	-	Make:	-
VIN code:		Model:	-
SW version:	31474094AA	Year:	2016
Available Stages:	Stage 1		

Select the desired tuning stage from the list above and press the download button to transfer that stage to your iSoftloader.

Download Stage **Close**

RICA DealerSync v1.0.0

RICA engineering Automotive Management Systems

New Car **Tune Car** **Request Support**

VIN: [REDACTED]
SW partno: 31474026AC
Serial: 000000336988
SIGCFG partno: 31432772
Diagnostics retrieval finished at 11/10/2017 14:59:30
Now please remove the ECU from vehicle.
When done connect the special unlock cable to the ECU.
When ready press Tune car.
No voltage detected on OBDII port.
Is the OBDII cable correctly connected to vehicle?
No voltage detected on OBDII port.
Is the OBDII cable correctly connected to vehicle?
Found connection with vehicle.
Checking ECU started at 11/10/2017 15:09:05
VEA OBDII unlocking started at 11/10/2017 15:10:15
Please switch ECU power on now..
Please wait now..
VEA OBDII unlocking finished at 11/10/2017 15:10:15
Found connection with vehicle.
Reading session started at 11/10/2017 15:10:15
Please wait now..
Read session finished at 11/10/2017 15:10:15
Now please install the ECU back into the vehicle.
make sure that the ignition switch is in the ON position.
When done press Tune again to start the tuning process.
Found connection with vehicle.

Updating iSoftloader...

RICA VEA UNLOCKER - MANUAL

CONGRATULATIONS, PROGRAMMING IS FINISHED!



YOUR VOLVO IS NOW TUNED!