

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Difficulty to add/program remote key on T8 models		Ref. No. TJ 31698.3.3	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3666	
Function Description Access (central looking & remote)		Page Page 1 of 5	

Attachment

File Name	File Size
TJ 31698.jpg	0.2687 MB
TJ31698_2.JPGG	0.2789 MB

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:

**Addition of Warranty Operation 09815 for MY20+*

If experiencing difficulties programming remote keys to a T8 vehicle, please follow the advice under Service.

CSC Customer Symptom Codes

Code	Description
3D	Accessory installation/Accessory installation
XI	Remote control/Does not work
3L	Technician information/Repair information/Not for warranty use
2V	Technician information/Software/Vehicle communication/Not for warranty use

DTC Diagnostic Trouble Codes

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	BK						2019-9999		-	201835-999952
224	BR	B1FPHEV					2019-9999		-	201835-999952
224	H6	BH6PHEV					2022-9999		-	202146-999952
225	BK						2019-9999		-	201817-999952
225	BR	B1FPHEV					2019-9999		-	201817-999952
225	H6	BH6PHEV					2022-9999		-	202146-999952
238	BR	B1FPHEV					2018-9999		-	201717-999952

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Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
238	H6	BH6PHEV					2022-9999		-	202146-999952
246	BK						2018-9999		-	201717-999952
246	BR	B1FPHEV					2018-9999		-	201717-999952
246	H6	BH6PHEV					2022-9999		-	202146-999952
256	BC	B1BPHEV					2016-9999		-	201526-999952
256	BR	B1FPHEV					2018-9999		-	201717-999952
256	H6	BH6PHEV					2022-9999		-	202146-999952

SERVICE:

Radio frequency interference can hinder the remote programming process.

Make sure no devices are plugged into the 12v power outlet in the center console during the remote key programming process as some aftermarket devices may cause radio interference.

Model Year -2019:

Programming of keys with SRS made powerless:

1. Download the **“Keyless vehicle key application”** SW.
2. When prompted, Place the key to be programmed in the cup holder according to picture [TJ 31698.jpg](#). **Note!** The slider button shall point upwards and to the front of the car.
3. Before clicking the **“Start Programming”** button, remove power from the SRS by removing fuse **BF52** in EJB (15/49) and fuse **DF26** in RJB (15/51).
4. Proceed with all intended key programming.
5. Re-insert the SRS fuses, and end the key programming session by clicking on the **“Close”** button.
6. If the SRS warning light is still lit after VIDA has erased the DTCs, then go to **“Software”** tab -> **“Advanced Test”** and click on the **“Reset”** button, and erase the DTCs afterwards.

Model Year 2020-

For Model Year 2020, the SRS module is powered directly from the CEM and there is no serviceable fuse. Successful programming can be accomplished by doing the following:

1. Unfasten the floor console from the car body (Location of the securing screws can be found in VIDA instructions for removal of Floor Console - **do not remove the console from the vehicle**).
2. Download the **“Keyless vehicle key application”** software.
3. Before clicking the **“Start Programming”** button have an assistant lift the rear of the console several inches/centimeters from the car body as shown in attachment [TJ31698_2.JPG](#)
4. When prompted, Place the key to be programmed in the cup holder according to picture [TJ 31698.jpg](#). **Note!** The slider button shall point upwards and to the front of the car.

5. Proceed to program all new keys in this manner and end the key programming session by clicking on the **“Close”** button.
6. Re-assemble the floor console to the vehicle.

EJB = Engine Junction Box

RJB = Rear Junction Box

SRS = Supplementary restraint System

CEM=Central Electronics Module

VST Operation Number

VST Operation Number	Description
36635-2	Remote control ignition key replacement
09815	Add/program remote key TJ 31698

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area “Vehicle Report” and sub concern area “Support needed”, use function group 3661.

To view TJ attachments continue to next page. This TJ has two attachments.



