

Technical Journal

TITLE:

Convert CARE KEY to normal key

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|--------------------------------------------|--------------------------------------------------------|------------------------------------------------|-----------------------------------|
| REF NO: TJ 35978.2.0 | ISSUING DEPARTMENT: Technical Service | CAR MARKET: United States and Canada | |
| PARTNER: 3 US 7510 Volvo Car USA | | ISSUE DATE: 2023-02-08 | STATUS DATE: 2023-02-13 |
| FUNC GROUP: 3666 | FUNC DESC: Access (central locking & remote) | Page 1 of 2 | |

“Right first time in Time”

Rows beginning with * are modified

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

DESCRIPTION:

New Software Products has been developed to convert a CARE KEY to a normal key.

After the download, the CARE KEY will have no restrictions and it will be possible to connect a driver profile to the key.

**NOTE:* All MY22 Sensus vehicles will arrive with the Care Key function disabled. The instructions below should only be used on MY22 Sensus vehicles if the customer wishes to have Care Key functionality *activated* (see “Returning/Activating Care Key Functionality”) under Service.

**Additional Information:* Google built-in vehicles with V2.5 SW and above have the Care Key functionality enabled.

In addition, the owner of the vehicle now has the ability to toggle between having the maximum speed limitation feature being enabled or disabled while using the Care Key. Once this feature is enabled, the “Speed limitation cannot be exceeded Care Key in Use” message will be displayed on the DIM when using the Care Key, even after the speed limitation feature is disabled.

DIM = Driver Information Module

CSC Customer Symptom Codes

| Code | Description |
|------|--------------------------------------------------|
| VZ | Locking/unlocking/Other central locking problems |

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DTC Diagnostic Trouble Codes

Vehicle Type

| Type | Eng | Eng Desc | Sales | Body | Gear | Steer | Model Year | Plant | Chassis range | Struc Week Range |
|------|-----|----------|-------|------|------|-------|------------|-------|---------------|------------------|
| 224 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 225 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 227 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 234 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 235 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 236 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 238 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 246 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 256 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 536 | | | | | | | 2021-9999 | | - | 202020-999952 |
| 539 | | | | | | | 2022-9999 | | - | 202139-999952 |

SERVICE:

To convert a CARE KEY to a normal key, use one of the following part numbers, depending on car model:

| | |
|---------------|----------------------------------|
| * XC40/C40 | SP: 32364504 CARE KEY CONVERSION |
| S90/V90/V90CC | SP: 32364505 CARE KEY CONVERSION |
| S90L | SP: 32364506 CARE KEY CONVERSION |
| XC90/XC60 | SP: 32364507 CARE KEY CONVERSION |
| S60/V60/V60CC | SP: 32364508 CARE KEY CONVERSION |

After the SW has been downloaded, the Care Key will have the same functionality as a normal key.

Returning/Activating Care Key Functionality:

Note!!! If all keys are re-programmed to the vehicle (for example, erasing and re-adding all keys), the Care Key will revert to its normal Care Key functionality. If this is done, the above SP would need to be downloaded again in order to convert the Care Key back to a normal key.

If the customer wishes to have the Care Key functionality back, simply erase and re-program all keys, this will enable the full Care Key functions.

Warranty claim info:

No warranty claim accepted for a job described in this TJ. The Conversion SW is free of charge.

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 3666.