

## Technical Journal

TITLE:

**Installing TCAM3 in a car with TCAM2**

<b>REF NO:</b> TJ 37807.1.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> US 7510 Volvo Car USA, LLC		<b>ISSUE DATE:</b> 2026-04-16	<b>STATUS DATE:</b> 2026-04-20
<b>FUNC GROUP:</b> 3975	<b>FUNC DESC:</b> Mobile data services, general	Page 1 of 4	

### Attachment

File Name	File Size
TJ_37807_1.png	0.1835 MB

### DESCRIPTION:

If vehicles within the below structure week range are built with TCAM2 units and the TCAM needs to be replaced, you may receive a TCAM3 unit instead, to confirm this, please follow the guidance under "Service".

### CSC Customer Symptom Codes

Code	Description
EM	Internet Connection/Does not work

### DTC Diagnostic Trouble Codes

### Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
359							2023-2026		-	202402-202545

### SERVICE:

If you need to replace TCAM on a car within this structure range, follow the instructions below:

1. Confirm that the car is fitted with a TCAM2 unit, and the new spare part received is TCAM3 - See the reference part numbers below.
2. It is mandatory that the car has been upgraded to VCUv2 due to TCAM3 not being compatible with

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VCUv1. To check this, you can search for 9K02 under “Variant Attributes” in VIDA.

Send a “Vehicle report” with sub concern area “Support Needed” to support in this change.

NOTE: If replacing with a TCAM that is the same unit (TCAM2 -> TCAM2 or TCAM3->TCAM3), no additional work is required.

## Reference to Part numbers for TCAM 2 and TCAM3:

### TCAM2:

36003568 (HWSD: 32319889)  
36012269 (HWSD: 32434739)  
36003567 (HWSD: 32319890)  
36012270 (HWSD: 32434740)  
36003683 (HSWD: 32364559)  
36013421 (HWSD: 32434741)  
36010934 (HWSD: 32230747)  
36013422 (HWSD: 32434742)

NOTE: To check the part number of TCAM in car connect to VIDA and follow the steps depicted in attachmant TJ\_37807\_1.

### TCAM2:

36013356 (HWSD: 32350832)  
36013355 (HWSD: 32350728)  
36013357 (HWSD: 32350729)  
36013358 (HWSD: 32350730)  
36013354 (HWSD: 32350727)

### Abbreviations:

TCAM - Telematics and Connectivity Antenna Module  
VCUv2- Vehicle Computation Unit 2  
HWSD - Circuit board number for the parts.

### Warranty claim info:

No warranty claim is accepted for this TJ.

### VST Operation Number

### LABOR TIME:

Labor time subject to change without notice.

### VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area “Vehicle Report Polestar” and sub concern area “Support needed Polestar”, use function group 3975.

**Information to NSC:**

TCAM2 and TCAM3 have different qualifiers which cannot be changed automatically. If the workshop is changing a TCAM2 to TCAM3 unit, Technical Support needs to update PIE so the TCAM3 unit is compatible for the car. Parameter to change:

Original: KZ02 Change to: KZ08

Original: KZ03 Change to: KZ09

Original: KZ04 Change to: KZ10

Original: KZ05 Change to: KZ11

Original: KZ07 Change to: KZ12

After the VDN change, perform a normal TCAM RELOAD

**To view TJ attachment continue to next page. This TJ has one attachment.**

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Home **1** Planning & Diagnostics Software Installation Information Service Journals

Software Installation

Available Installations Order History Order for Independent Dealers

Description	Part Number	Size (kB)	Avail
TRM remove	32459228	1	1

**Control unit connection**

Existing ECUs All ECUs

Click on the "Enable Programming Mode" to test communication with control units.

**2**

Enable Programming Mode Reset

Hardware No.: 32350832 AA Serial No.: 10001752

Name	Mode
PSCM	Default
PSMD	Default
PSMP	Default
RBCM	Default
RDDM	Default
RML	Default
RMR	Default
RPDM	Default
RSRL	Default
RSRR	Default
SGA	Default
SRSIM	Default
SRSR	Default
SWM	Default
<b>TCA</b>	Default
TRM	Default
VESA	Default
VESB	Default
VESC	Default
WPC	Default

**3**

VIN Reading

Read VIN

PIE Connection

Test PIE Connection

Advanced Test

Follow the steps 1,2,3 to fetch the Hardware number in car

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Client Version: 26.3.0.292

IT Requirement Help