

Technical Journal

TITLE:

Installing TCAM3 in a car with TCAM2

REF NO: TJ 37807.1.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: US 7510 Volvo Car USA, LLC		ISSUE DATE: 2026-04-16	STATUS DATE: 2026-04-30
FUNC GROUP: 3975	FUNC DESC: Mobile data services, general	Page 1 of 3	

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

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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.

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.

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

VIDIA

Home **1**

Volvo Car Corporation

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.

Enable Programming Mode **2** Reset

Hardware No.: 32359832 AA Serial No.: 10001752

Name	Mode
PSCM	Default
PSMD	Default
PSMP	Default
RBCM	Default
RDDM	Default
RML	Default
RMR	Default
RFDM	Default
RSRL	Default
RSRR	Default
SGA	Default
SRSM	Default
SRSR	Default
SWM	Default
TCA 3	Default
TRM	Default
VESA	Default
VESB	Default
VESC	Default
WPC	Default

VIN Reading

Read VIN

PIE Connection

Test PIE Connection

Advanced Test **2**

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