

V O L V O

Volvo Car USA LLC

Technical Journal

| | | | |
|--|---|---------------------------------|------------------------------|
| Technical Journal Title High Temperature Message in DIM after Coolant Pump Replacement | | Ref. No. TJ 36858.1.1 | |
| Issuer (Dept.) Technical Service | | Issue Date 5/21/24 | Status Date 6/6/24 |
| Car Market United States and Canada | Partner 3 US 7510 Volvo Car USA | Function Group 2600 | |
| Function Description Cooling system | | Page Page 1 of 3 | |

Attachment

| File Name | File Size |
|----------------|-----------|
| TJ_36858_1.pdf | 0.0428 MB |

Rows beginning with * are modified

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

DESCRIPTION:

If customer with a recently replaced coolant pump P/N 32382249 (P/N can be found according to attachment TJ_36858_1.pdf) complains about "high temperature" message in DIM with DTCs ECM-U040100 and ECM-P021700, follow advice under "Service".

DIM = Driver Information Module

PN = Part Number

CSC Customer Symptom Codes

| Code | Description |
|------|---|
| AU | Engine cooling/Engine overheats/runs hot |
| GT | Warning lights and chimes/Engine coolant temperature indication/no indication |

DTC Diagnostic Trouble Codes

| Control Module | Code | Fault Type |
|----------------|---------|------------|
| ECM | U040100 | Permanent |
| ECM | P021700 | Permanent |

Vehicle Type

| Type | Eng | Eng Desc | Sales | Body | Gear | Steer | Model Year | Plant | Chassis range | Struc Week Range |
|------|-----|----------|-------|------|------|-------|------------|-------|---------------|------------------|
| 124 | 26 | B4204T12 | | | | | 2015-2015 | | - | 201346-201419 |
| 124 | 40 | B4204T11 | | | | | 2015-2016 | | - | 201346-201614 |
| 134 | 26 | B4204T12 | | | | | 2015-2018 | | - | 201346-201814 |
| 134 | 40 | B4204T11 | | | | | 2015-2018 | | - | 201346-201823 |
| 134 | 49 | B4204T9 | | | | | 2015-2018 | | - | 201346-201823 |
| 136 | 40 | B4204T11 | | | | | 2015-2016 | | - | 201346-201616 |

Technical Journal 36858.1.1

| Type | Eng | Eng Desc | Sales | Body | Gear | Steer | Model Year | Plant | Chassis range | Struc Week Range |
|------|-----|-----------|-------|------|------|-------|------------|-------|---------------|------------------|
| 137 | 40 | B4204T11 | | | | | 2017-2018 | | - | 201617-201822 |
| 138 | 40 | B4204T11 | | | | | 2016-2018 | | - | 201517-201818 |
| 155 | 26 | B4204T12 | | | | | 2015-2015 | | - | 201349-201419 |
| 155 | 40 | B4204T11 | | | | | 2015-2018 | | - | 201346-201823 |
| 155 | 49 | B4204T9 | | | | | 2015-2018 | | - | 201346-201822 |
| 156 | 26 | B4204T12 | | | | | 2015-2015 | | - | 201346-201419 |
| 156 | 40 | B4204T11 | | | | | 2015-2017 | | - | 201347-201744 |
| 156 | 49 | B4204T9 | | | | | 2015-2017 | | - | 201346-201735 |
| 157 | 40 | B4204T11 | | | | | 2016-2018 | | - | 201521-201716 |
| 234 | | | | | | | 2017-2017 | | - | 201617-201716 |
| 238 | 98 | B4204T23X | | | | | 2018-2018 | | - | 201710-201745 |
| 238 | 99 | B4204T27X | | | | | 2018-2018 | | - | 201710-201745 |
| 246 | | | | | | | 2018-2018 | | - | 201717-201745 |
| 256 | | | | | | | 2016-2018 | | - | 201505-201745 |

SERVICE:

* Replace the cooling pump per VIDA instructions.

An updated coolant pump is now available to order.

Coolant pump PN 32441265 has modified internal programming that will prevent the overheating condition. Orders for the previous part number will supersede to this part automatically.

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, use the corresponding VST Operation stated below.

Note that the TJ number must be stated in the repair order text.

VST Operation Number

| VST Operation Number | Description |
|----------------------|---|
| 26205-2 | Engine Coolant Pump, Removal/Installation |

VEHICLE REPORT:

Only submit a Vehicle Report if diagnostic assistance is needed. Use concern area "Vehicle Report" and sub concern area "Support needed", use function group 2600.

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

TJ 36858

