


VOLVO CARS SERVICE AND PARTS BUSINESS	
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Technical Journal

TITLE:
Steel fuel tank rebuild

REF NO: TJ 27818	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada						
PARTNER: 3 US 7510 Volvo Cars North America		ISSUE DATE:						
FUNC GROUP: 2341	FUNC DESC: Fuel tank	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">YEAR</td> <td style="text-align: center;">MONTH</td> <td style="text-align: center;">DAY</td> </tr> <tr> <td style="text-align: center;">2013</td> <td style="text-align: center;">09</td> <td style="text-align: center;">23</td> </tr> </table>	YEAR	MONTH	DAY	2013	09	23
YEAR	MONTH	DAY						
2013	09	23						
Page 1 of 6								

“Right first time in Time”

Attachment

File Name	File Size
Attachment TJ 27818.pdf	0.4782 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
544	39	B5244S7					2005-2010	22	0045100-0514262	200420-201019
545	39	B5244S7					2005-2010	21	0040003-0579560	200420-201019

CSC Customer Symptom Codes

Code	Description
3L	Technician information/Repair information/Not for warranty use

DTC Diagnostic Trouble Codes

Text

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

DESCRIPTION:

Vehicle types S40 and V50 with emission level PZEV are equipped with a fuel tank made of steel. This journal describes how to proceed if a tank needs to be replaced.

**PRODUCT MODIFICATION:**

N/A. Car line is out of production.

SERVICE:

In cases where the fuel tank needs to be replaced, follow the attached instructions.

VSTG OPERATION NUMBER:

Operation number 98500-2 Fuel tank replace acc. to TJ 27818. - 2.2 hrs

- Claims may be submitted under the new car warranty when there is a documented customer complaint using claim type: 01 (where applicable)
- Labor times are valid at the time of release and are subject to change.

To view TJ attachment continue to next page. This TJ has 1 attachment.

Volvo Car Customer Service		
	TJ Instruction	
	TJ No 27818	
	Date September-13 Issue 01	
Title	Steel fuel tank rebuild	

Affected vehicles

Year	Model	Engine
2005, 2006, 2007, 2008, 2009, 2010	S40 (04-)	B5244S7
2005, 2006, 2007, 2008, 2009, 2010	V50	B5244S7

Materials

Materials	Qty.	Part No.	Notes
Clip (Retainer)	1.0	8629526	
Tank	1.0	N/A	See Parts Bulletin 23-246

Removal

Note! Removal steps in this procedure may contain installation details.

Perform fuel tank draining , refer to:
Cleaning, Inspection and Adjustment
2 - Engine with mountings and equipment
23 - Fuel system
234 - fuel tank, fuel lines, evaporator system

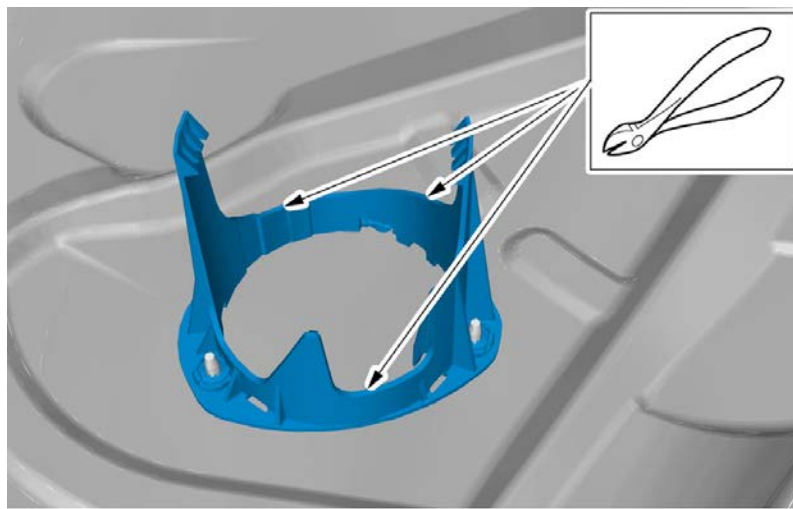
Remove fuel tank , refer to:
Product Fix/Special Tool Bulletins
2 - Engine with mountings and equipment
23 - Fuel system
234 - fuel tank, fuel lines, evaporator system

Remove fuel pump and level sensor unit , refer to:
Removal, replacement and installation
2 - Engine with mountings and equipment
23 - Fuel system
233 - fuel pump and strainer

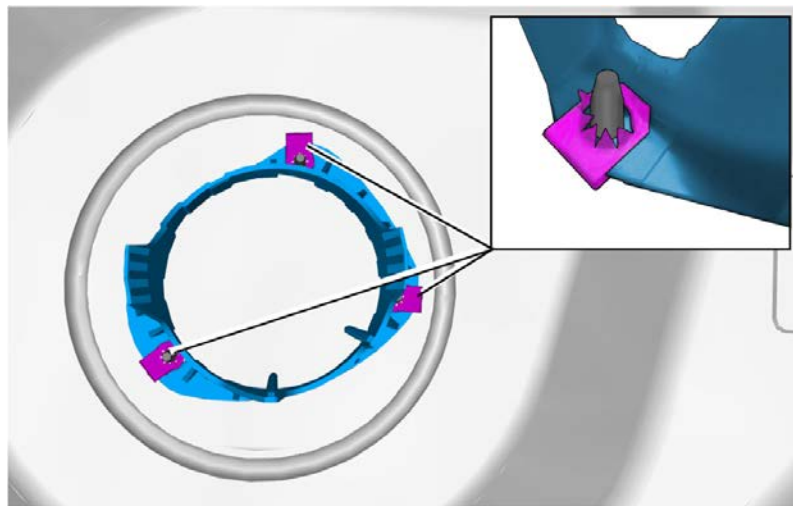


The part is not to be reused. Follow local regulations for disposal.

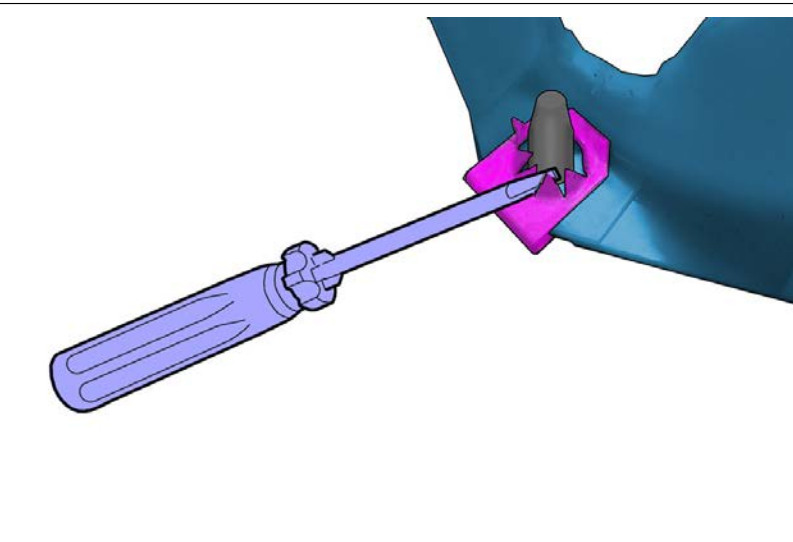
Modification of new component

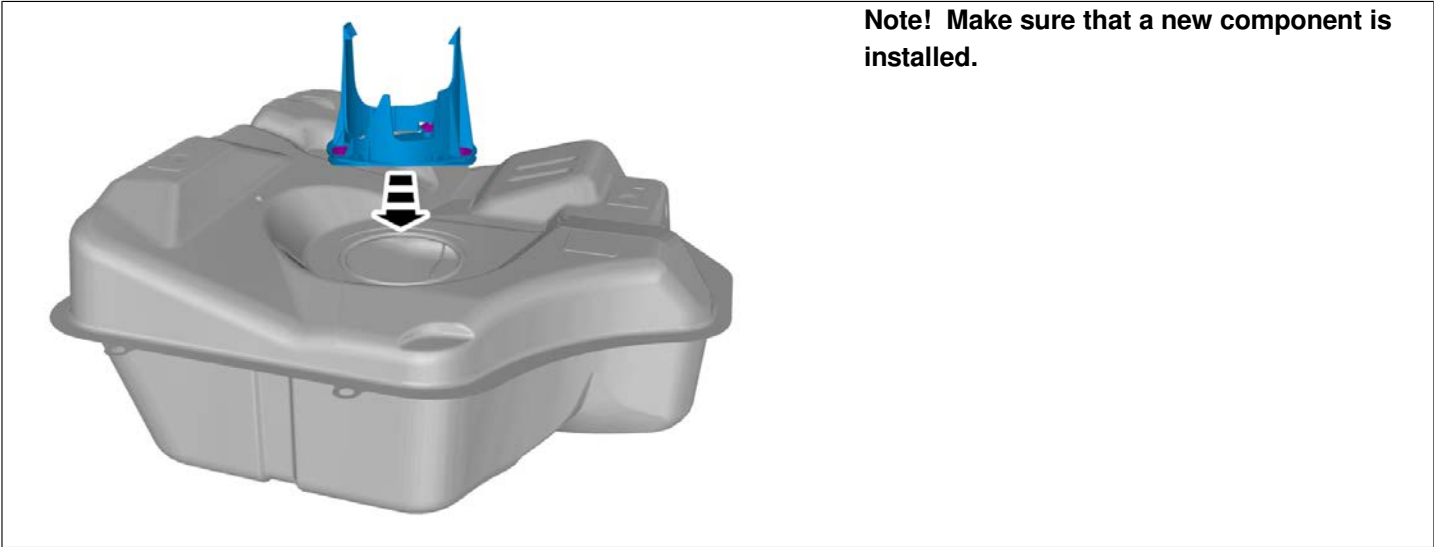


Note! Cut the holder into three pieces to access the clip.

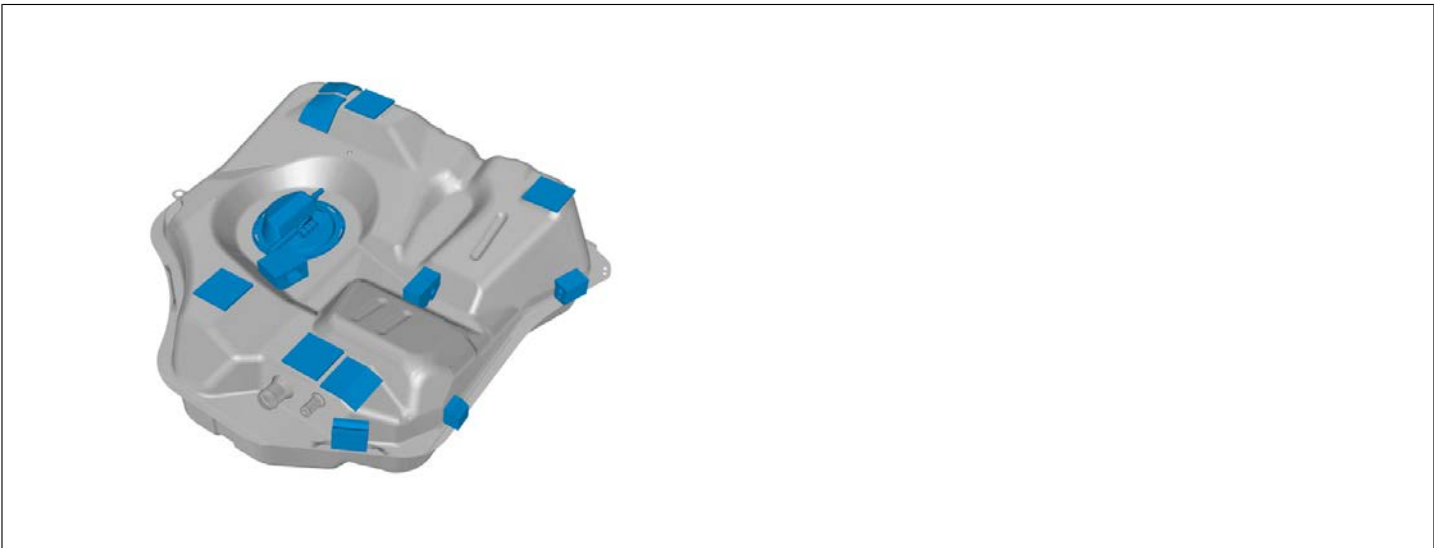


Note! Carefully bend the clips loose without damaging the clip mountings in the bottom of the tank.





Transferring components



Installation

To install, reverse the removal procedure.