

# PREVOST

ENREGISTRÉ - REGISTERED  
ISO 9001 & ISO 14001



## WARRANTY BULLETIN

WB12-31B

DATE : NOVEMBER 2012	SECTION : 01 - Engine
EXPIRATION: NOVEMBER 2014	
SUBJECT : DIPSTICK REPLACEMENT- D13 US07 AND US10	





REVISION : B THIS WARRANTY BULLETIN SUPERSEDES PREVIOUS VERSION.


VIN range to show detailed US10 & US07

### APPLICATION

#### NOTICE TO SERVICE CENTERS

Verify vehicle eligibility by checking warranty bulletin status with **SAP** or **Vehicle Warranty Information** tool found on Prevost-Systems tab of the Volvo Trucks Dealer Portal

Model	VIN	
 Coach H3-45, H3-41 Model year : 2010 - 2013	<i>D13 US07:</i> 2PCH334968C710948, 2PCH334948C710995, 2PCH334988C711096 and from 2PCH334938C711202 up to 2PCH33496AC711720 incl.	
	<i>D13 US10:</i> 2PCH33498AC711573, 2PCH33496AC711605, 2PCH33495AC711627, 2PCH33496AC711636, 2PCH33499BC711695 and from 2PCH33496BC711721 up to 2PCH3349XDC712292 incl.	
 Shell H3-45 VIP Model year : 2010 - 2013	<i>D13 US10:</i> 2PCVS3494BC711772 up to 2PCVS3494DC712293 incl.	
 Coach X3-45 Commuter Model year : 2009 - 2013	<i>D13 US07:</i> 2PCG334978C729259, 2PCG334908C729295, 2PCG334948C729364. and from 2PCG334969C729514 up to 2PCG33499AC729995 incl.	
	<i>D13 US10:</i> 2PCG33498AC729907, 2PCG33491AC729926, 2PCG33491BC729992, 2PCG33499BC729965 and from 2PCG33491BC735002 up to 2PCG33497DC735394	

 Shell XLII-45 Shell X3-45 VIP Model year : 2009 - 2013	D13 US07: 2PCY334979C729591, 2PCY334969C729596 and from 2PCY334939C729619 up to 2PCYS3490BC735001
	D13 US10: 2PCYS3495BC729971, and from 2PCY33498BC735003 up to 2PCYS3497DC735404 incl
This bulletin does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.	

## DESCRIPTION

On the vehicles affected by this bulletin, a new and improved dipstick is available for installation.

## MATERIAL

*US07 engines*, order kit 012809 which includes:

Part No.	Description	Qty
012807	Dipstick assembly, D13 US07 (1438mm overall length)	1
507664	Double loop nylon tie	1
5001750	Flat Washer 4.3x14.0x1.0 ZP	1
5001793	Screw, tap M4.2 x 30	1

*US10 engines*, order kit 012810 which includes:

Part No.	Description	Qty
012801	Dipstick assembly, D13 US10 (1418mm overall length)	1
507664	Double loop nylon tie	1
5001750	Flat Washer 4.3x14.0x1.0 ZP	1
5001793	Screw, tap M4.2 x 30	1

*Other parts that may be required:*

Part No.	Description	Qty
500914	Flat Washer	2
502882	Hex nut #10-24	2
952627	P-clamp, 1/2"	2

<b>NOTE</b>
Material can be obtained through regular channels.

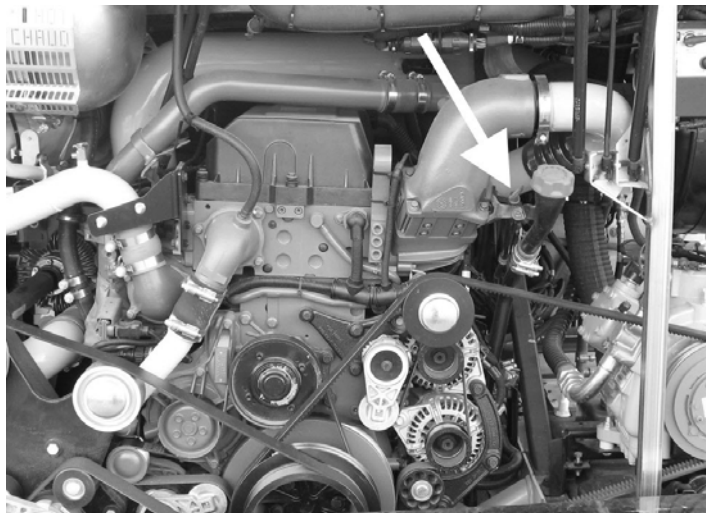
## PROCEDURE



### DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

1. Locate the dipstick on the Engine



#### Removing the existing dipstick.

2. Start by removing this screw.  
Reserve hardware for re-install

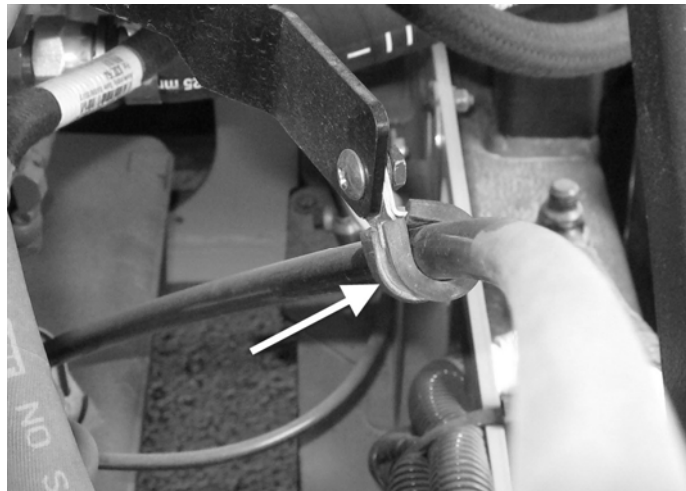
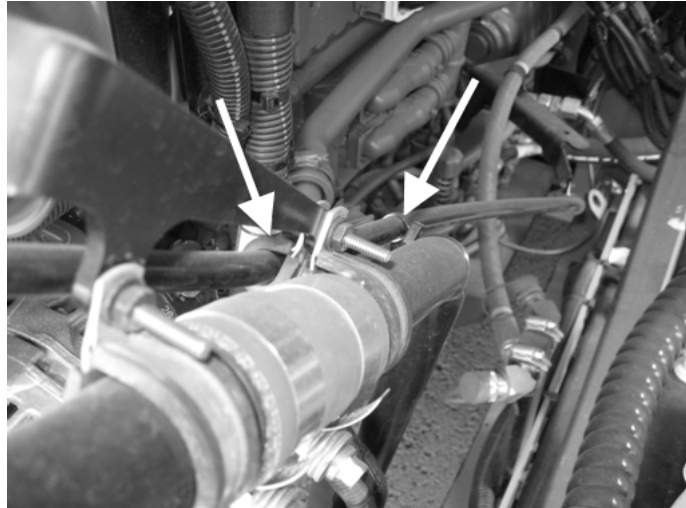


3. Follow the dipstick tube towards the oil pan and remove all clamps and one double loop cable tie.

Reserve clamps and hardware for re-install.

If the clamps and hardware are too corroded for re-use, replace them.

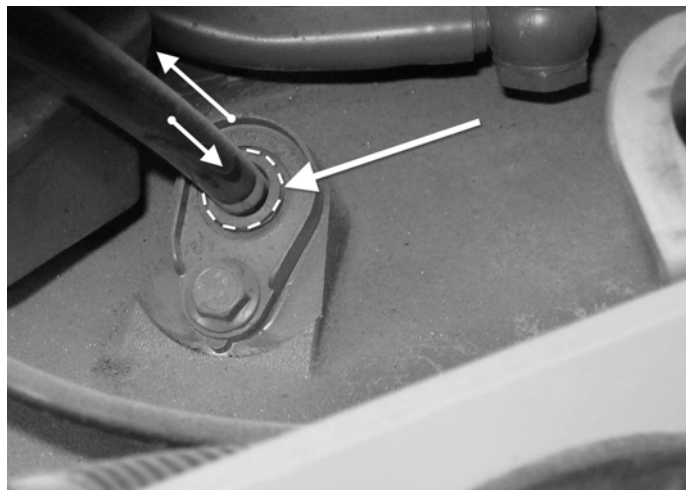
500914	Flat Washer
502882	Hex nut #10-24
952627	P-clamp, 1/2"



4. At the oil pan, depress ring.

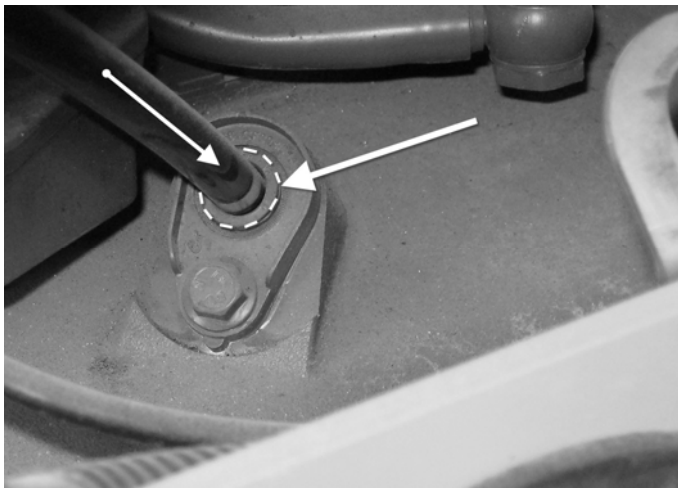
Push tube in a jerk motion and then pull to release.

*Movement to release tube is similar to disconnecting a pneumatic quick coupling connection.*



**Installing the new dipstick assembly.**

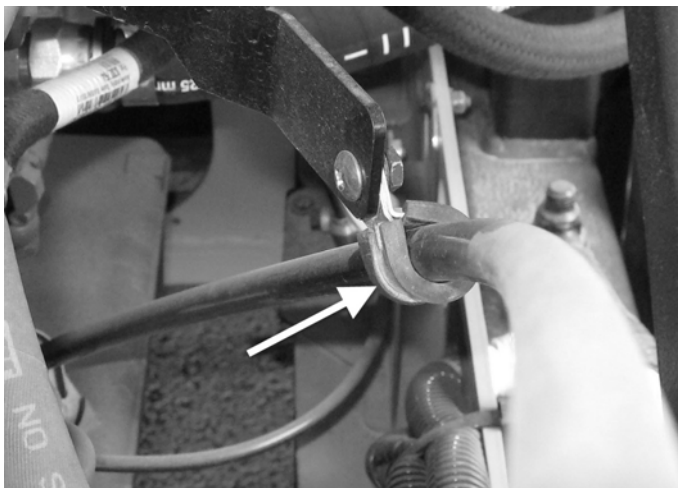
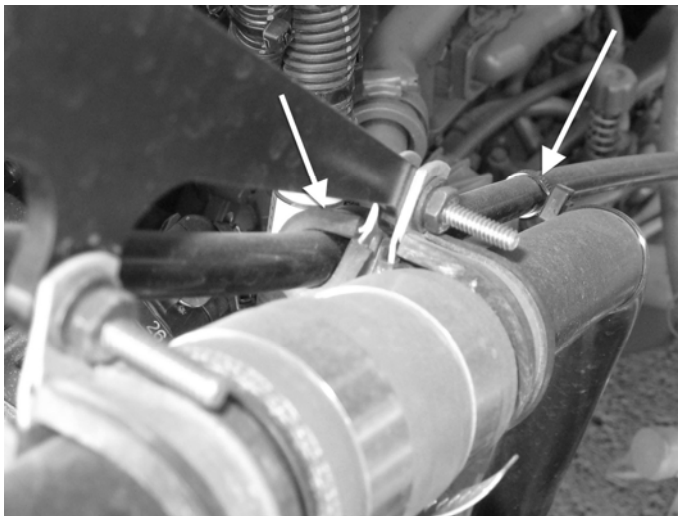
1. Insert new dipstick tube fully in oil pan coupling.



2. Secure the dipstick tube reusing the clamps and hardware removed earlier. Replace any part not suitable for re-install.

Hand tighten hardware.

3. Install double loop nylon tie #507664.

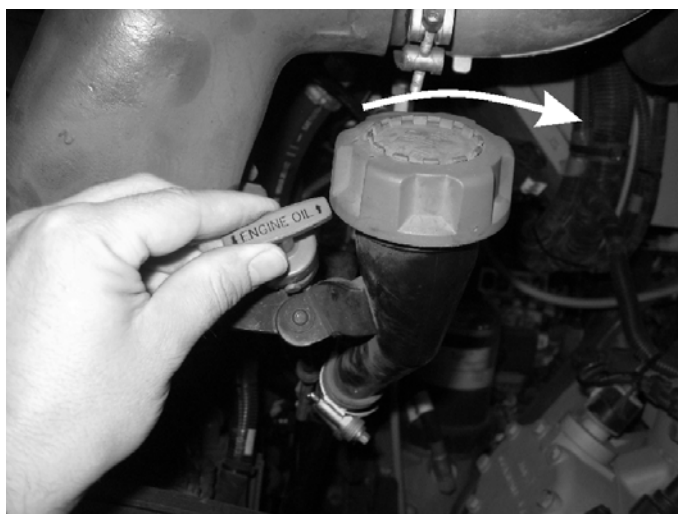


4. Use reserved screw to secure handle end of new dipstick tube.

Lightly hand tighten screw to allow adjustment in following steps.



5. Fill tube will need to be rotated slightly away from new dipstick handle.



6. Slack tube collar and clamp at the flexible connection.

*The flexible connection tends to stick to the fill tube. Gently insert a flat screwdriver to release and allow rotation of the fill tube.*



7. Rotate fill tube to this suggested position.

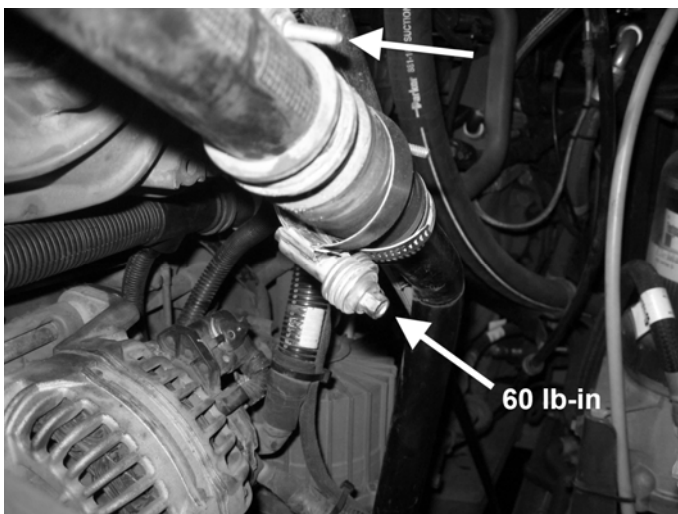
Ensure fill tube stays in position even if clamps are loose.



8. Make sure there is no remaining tension on the fill tube before tightening the collar and clamp.

Tighten collar to 60 lb-in

Hand tighten clamp



9. Hand-tighten screw 5001793 for final assembly.



<b>NOTE</b>
<i>The safe oil level is slightly higher with the new dipstick. More oil will need to be added to the engine. Adjust the oil level to the new "MAX" mark.</i>

## PARTS / WASTE DISPOSAL

Return replaced parts to Prevost with A.F.A. for full reimbursement. Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)
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## WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you the parts and half an hour (0.5h) of labor upon receipt of the replaced parts and a completed A.F.A. form on which you must specify as per "Warranty Bulletin WB12-31".

## OTHER

VBC Bulletin	N/A
Fail Code	01.00
Defect Code	00-09
System Condition	B
Causal Part	012714

*You wish to stop receiving this paper letter and would like to be informed by e-mail of our warranty bulletins? Just e-mail us at [technicalpublications\\_prev@volvo.com](mailto:technicalpublications_prev@volvo.com) and type "ADD" in the subject.*