

PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001






WARRANTY BULLETIN

WB12-31



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

APPLICATION

<i>NOTICE TO SERVICE CENTERS</i>	
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	From 2PCH334948C710995 up to 2PCH3349XDC712292 incl.
 Shell H3-45 VIP Model year : 2010 - 2013	From 2PCVS3494BC711772 up to 2PCVS3494DC712293 incl.
 Coach & Commuter X3-45 Model year : 2009 - 2013	From 2PCG334978C729259 up to 2PCG33497DC735394 incl.
 Shell XLII-45 Shell X3-45 VIP Model year : 2009 - 2013	From 2PCY334979C729591 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

NOTE

Material can be obtained through regular channels.

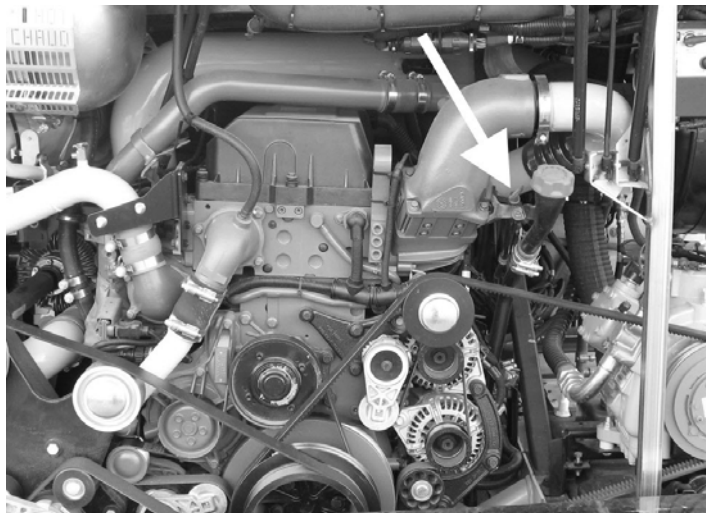
PROCEDURE



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

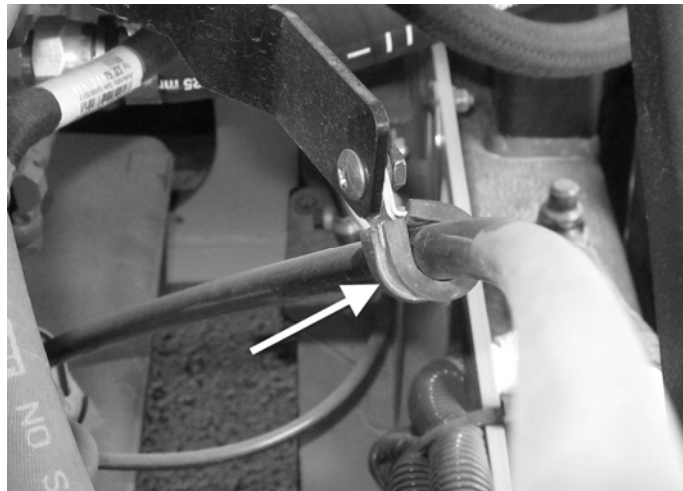
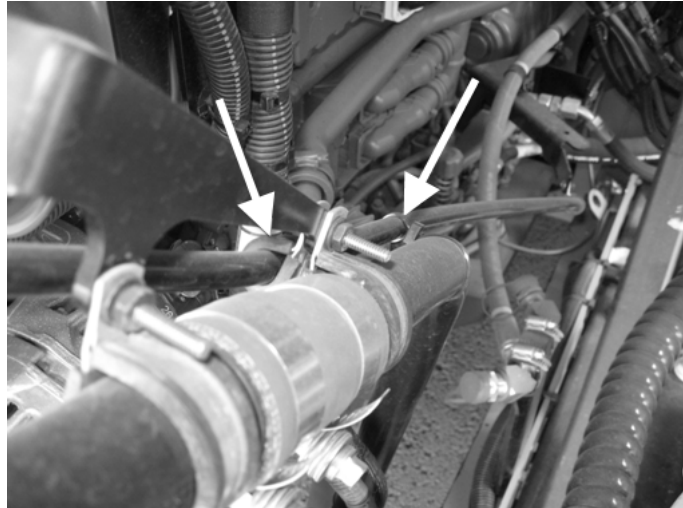


3. Follow the dipstick tube towards the oil pan and remove all clamps and one double loop cable tie.

Reserve clamps and hardware for re-install.

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

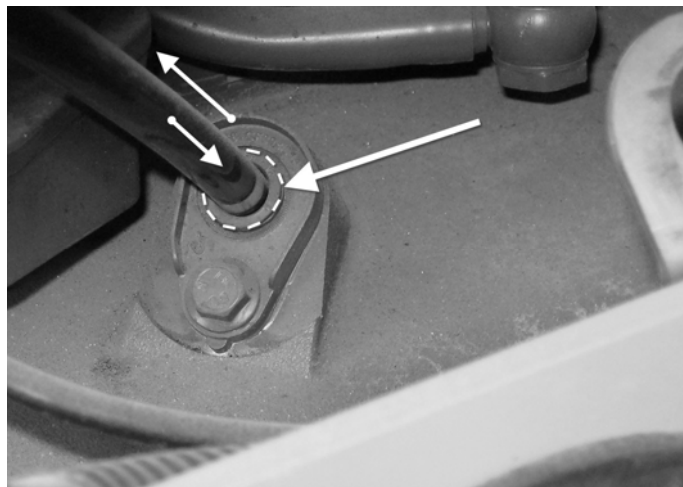
500914	Flat Washer
502882	Hex nut #10-24
952627	P-clamp, 1/2"



4. At the oil pan, depress ring.

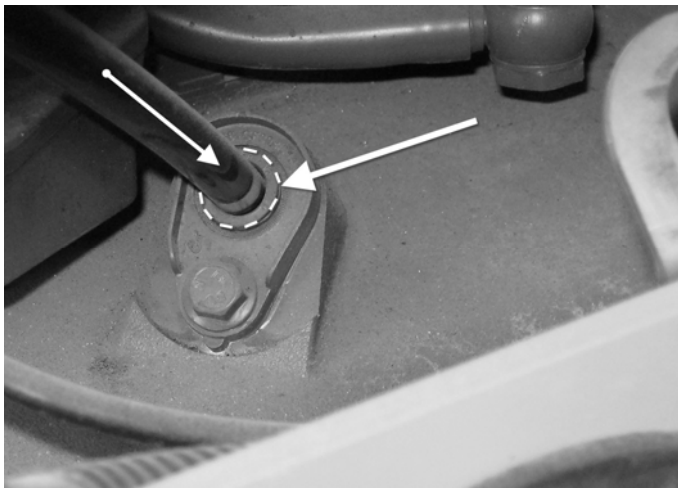
Push tube in a jerk motion and then pull to release.

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



Installing the new dipstick assembly.

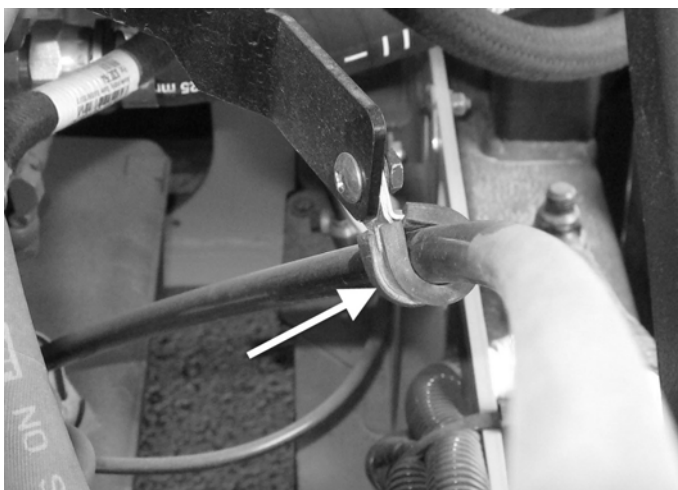
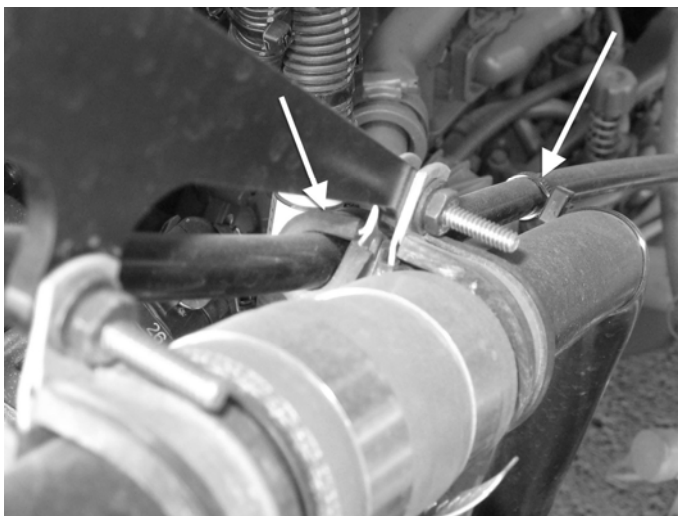
1. Insert new dipstick tube fully in oil pan coupling.



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

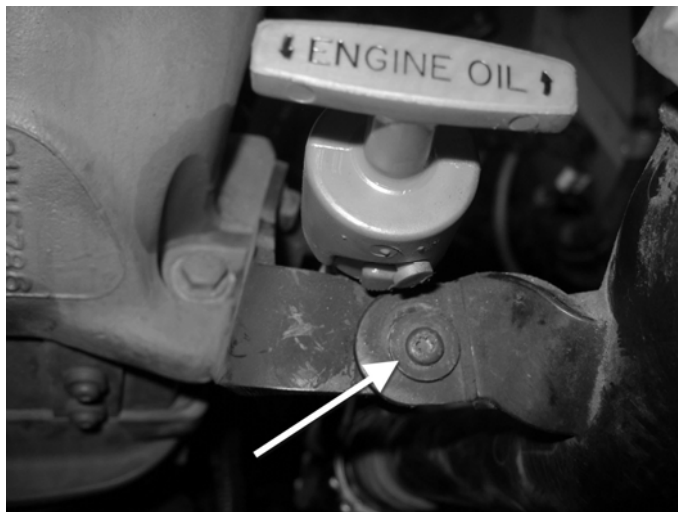
Hand tighten hardware.

3. Install double loop nylon tie #507664.

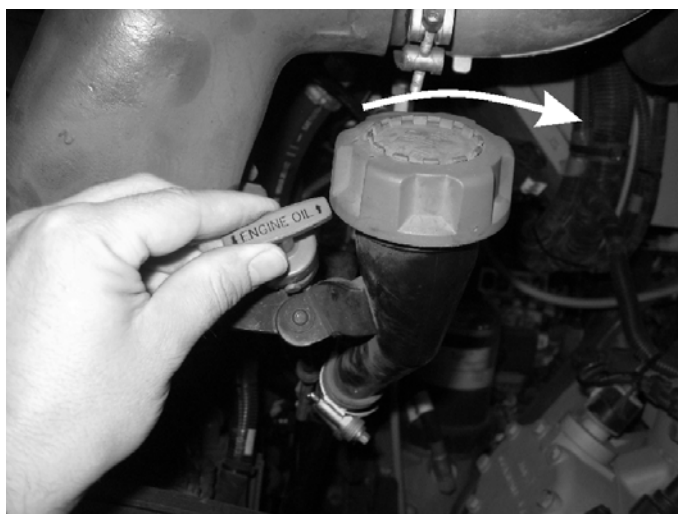


4. Use reserved screw to secure handle end of new dipstick tube.

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.

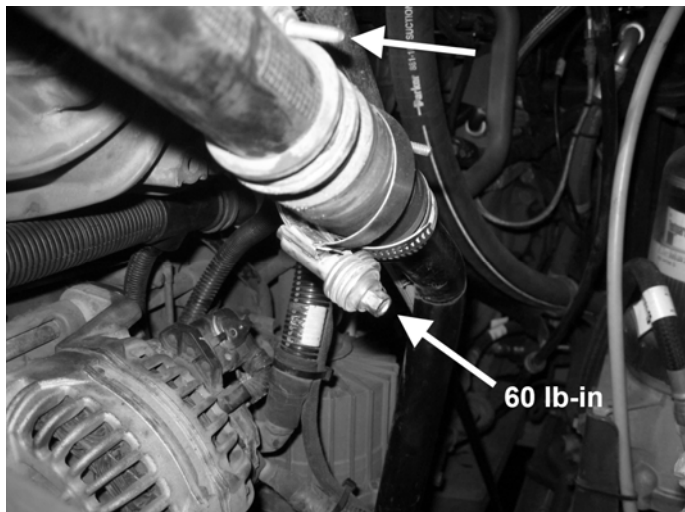
Ensure fill tube stays in position even if clamps are loose.



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.



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)

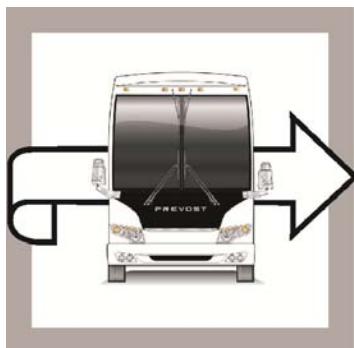
WARRANTY

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	01.00-2
Defect Code	00-09
System Condition	B
Causal Part	012714

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PREVOST

ENREGISTRÉ - REGISTERED
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WARRANTY BULLETIN

WB12-31A








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

REVISION : A THIS WARRANTY BULLETIN SUPERSEDES PREVIOUS VERSION.
Oil level note added

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	 From 2PCH334948C710995 up to 2PCH3349XDC712292 incl.
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5001793	Screw, tap M4.2 x 30	1

US10 engines, order kit 012810 which includes:

Part No.	Description	Qty
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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

NOTE

Material can be obtained through regular channels.

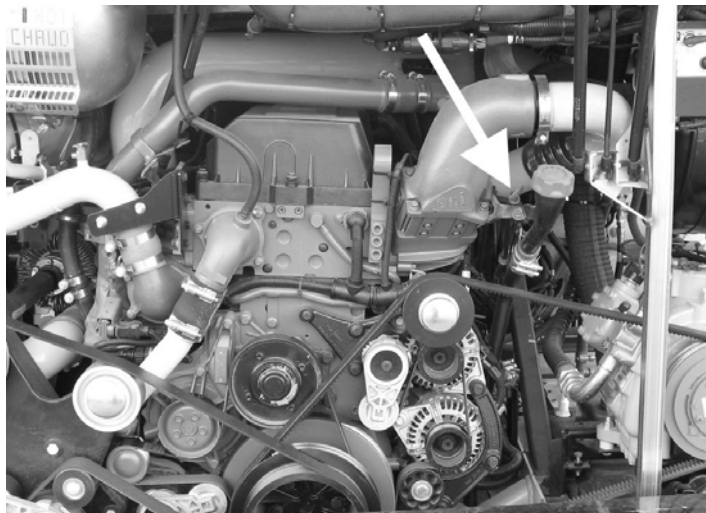
PROCEDURE



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

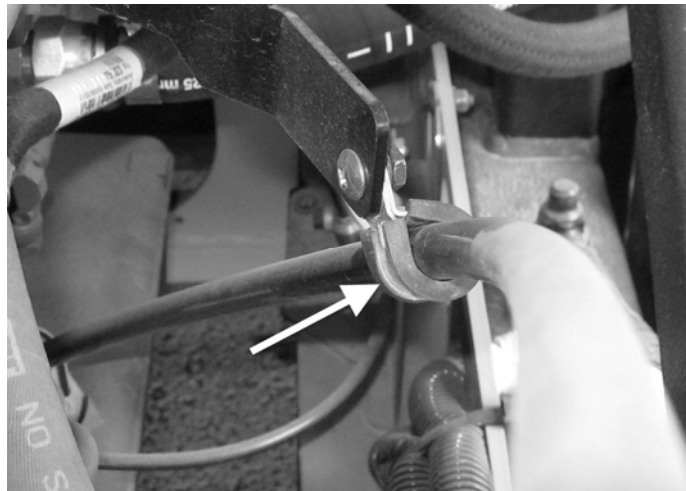
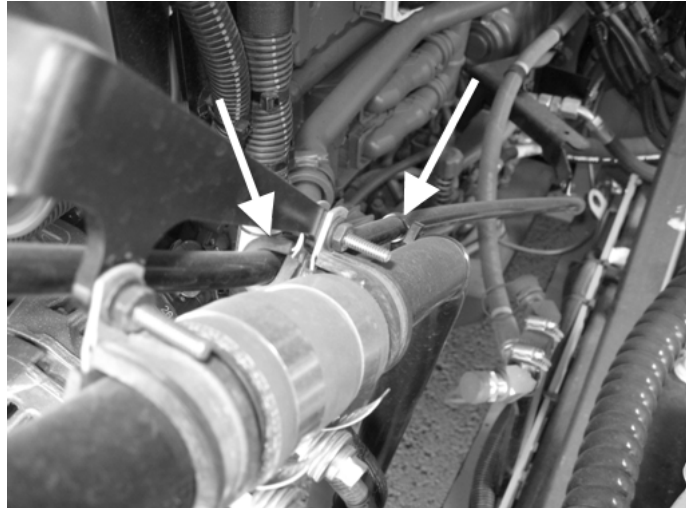


3. Follow the dipstick tube towards the oil pan and remove all clamps and one double loop cable tie.

Reserve clamps and hardware for re-install.

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

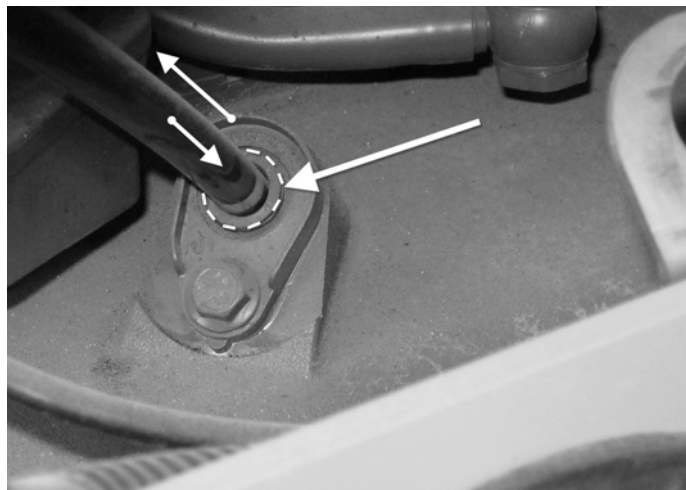
500914	Flat Washer
502882	Hex nut #10-24
952627	P-clamp, 1/2"



4. At the oil pan, depress ring.

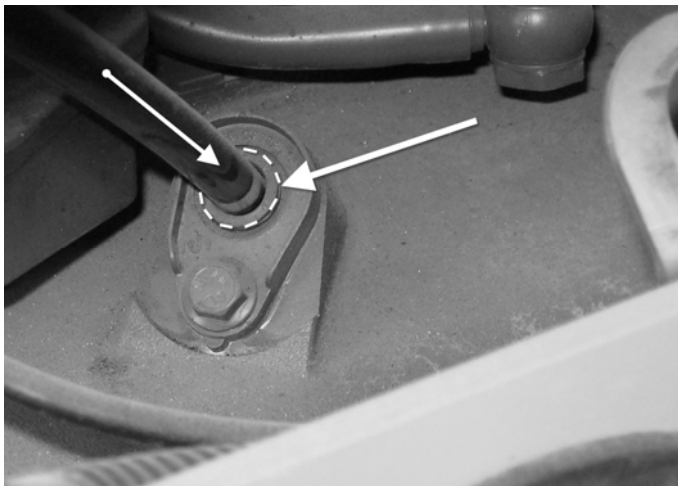
Push tube in a jerk motion and then pull to release.

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



Installing the new dipstick assembly.

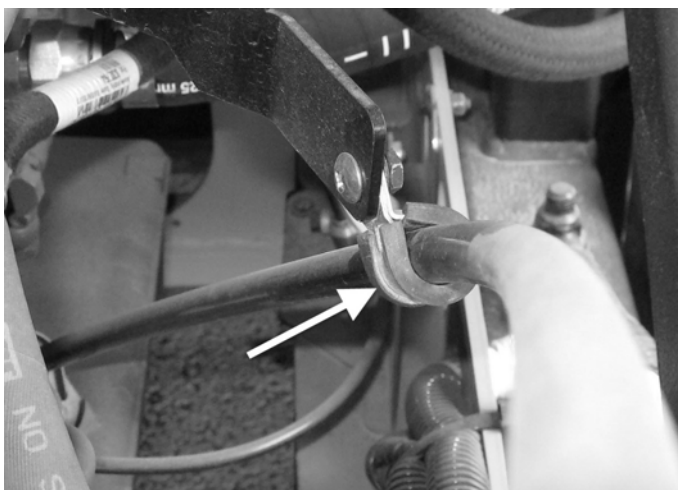
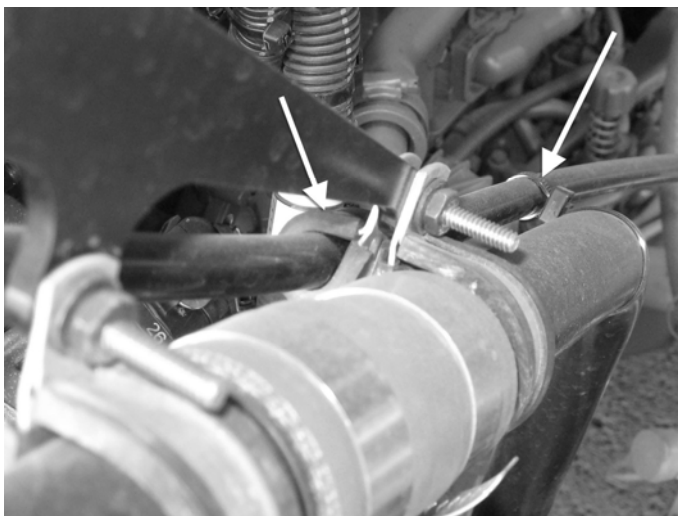
1. Insert new dipstick tube fully in oil pan coupling.



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

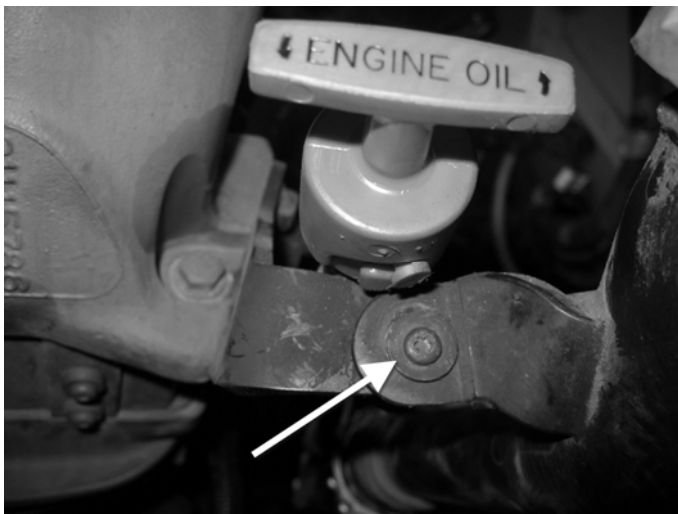
Hand tighten hardware.

3. Install double loop nylon tie #507664.

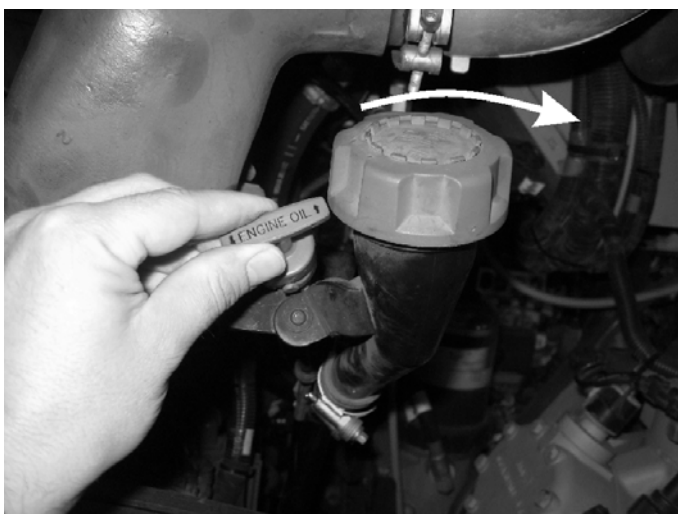


4. Use reserved screw to secure handle end of new dipstick tube.

Lightly hand tighten screw to allow adjustment in following steps.



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



- 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.



- Rotate fill tube to this suggested position.

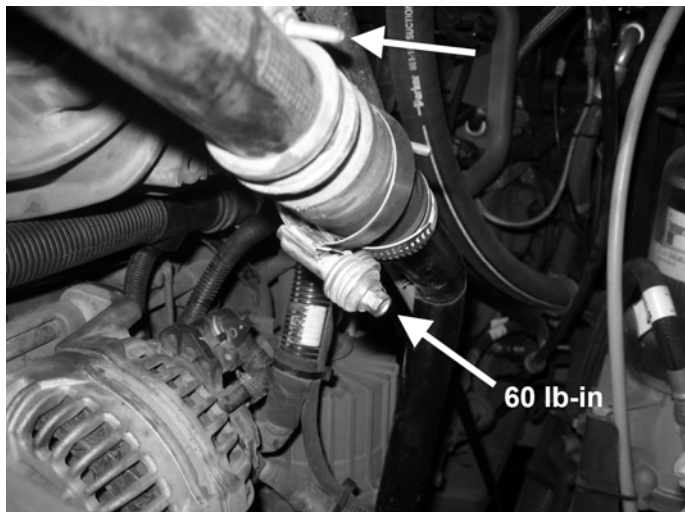
Ensure fill tube stays in position even if clamps are loose.



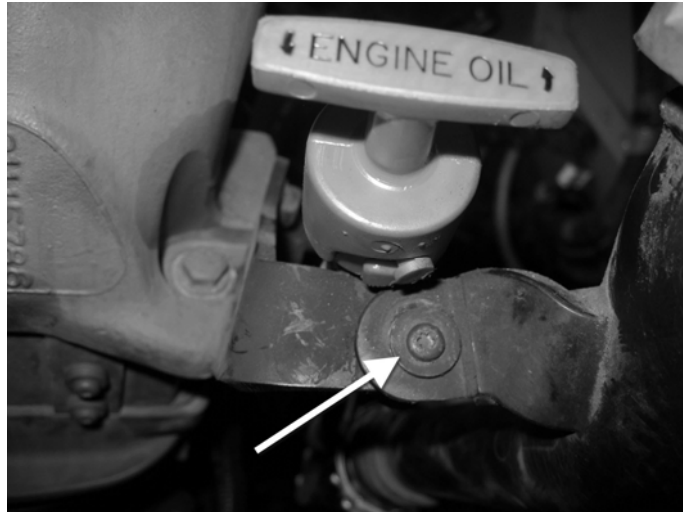
- Make sure there is no remaining tension on the fill tube before tightening the collar and clamp.

Tighten collar to 60 lb-in

Hand tighten clamp



9. Hand-tighten screw 5001793 for final assembly.



NOTE
<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)

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 and type "ADD" in the subject.

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. One at a time, each bolt should be un-screwed one turn and re-tightened to 43 lb-ft.
2. Apply torque seal.



PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

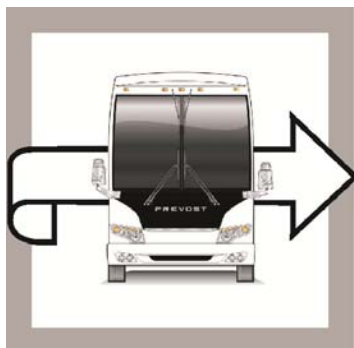
WARRANTY

This modification is covered by Prevo's normal warranty. We will reimburse you thirty minutes (30 min) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin WB12-33".

OTHER

VBC Bulletin	n/a
Fail Code	25.00
Defect Code	09
System Condition	B
Causal Part	289179

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PREVOST

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WARRANTY BULLETIN

WB12-35



DATE : NOVEMBER 2012	SECTION :	22 - HVAC
EXPIRATION: NOVEMBER 2014		
SUBJECT : PRE-HEAT EXHAUST TUBE CLEARANCE		

APPLICATION

<i>NOTICE TO SERVICE CENTERS</i>	
<i>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</i>	
Model	VIN 
H3-45 Coaches Model Year : 2011 - 2012	From 2PCH33498BC711722 up to 2PCH33491CC712084 incl.
<p>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.</p>	

DESCRIPTION

On the vehicles affected by this bulletin, the pre-heater exhaust tube may have been installed too close to the tag axle tire. Inspect tube position and make sure it has proper clearance with the tire. If not, move it away from the tire.

MATERIAL

No material is required for this bulletin

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. Remove the street side rear fender

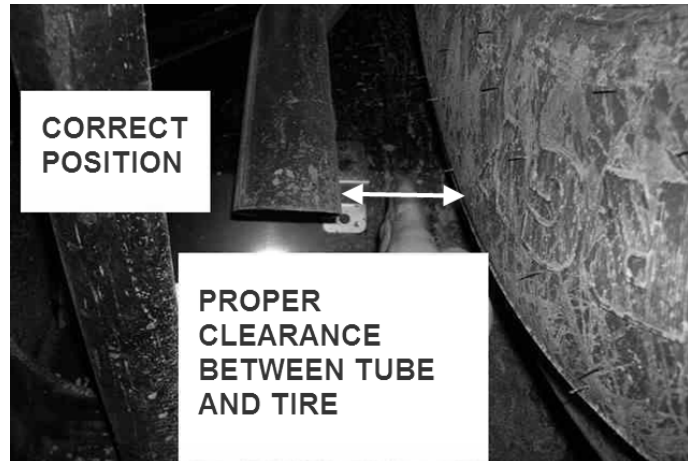


2. Inspect the clearance between the Pre-heater exhaust tube and the tag axle tire.

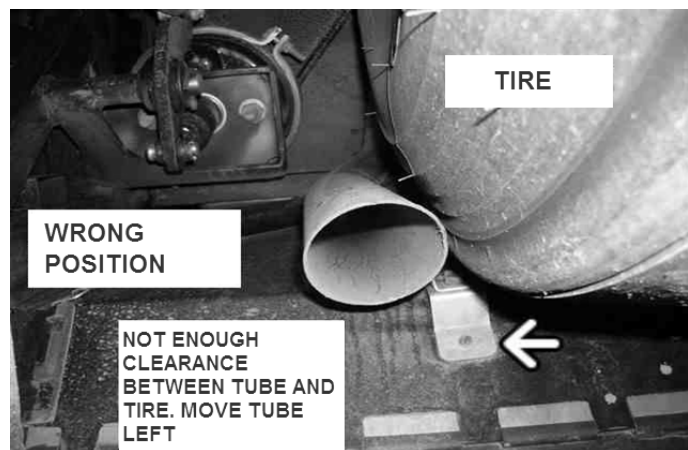


3. This is the correct position. Distance between tube and tire should be approximately 2 in.

If the tube shows this position, end the procedure.



4. Any other position less than 2in between tube and tire is wrong. Proceed to the next steps.

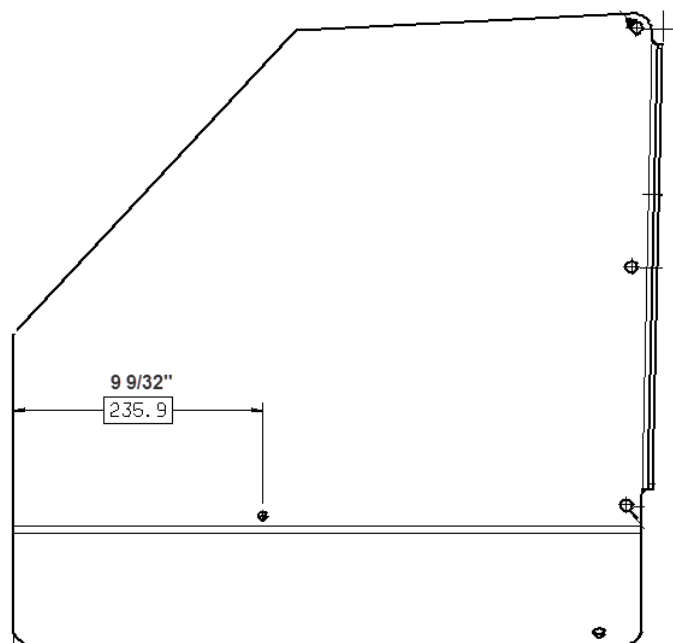


5. Jack vehicle and dismount the rear street side tag axle wheel.

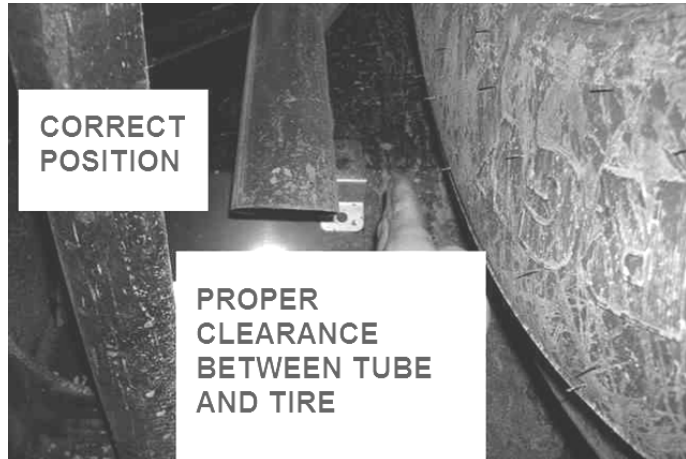
6. Remove the screws and move exhaust tube away from tire.

7. To help position the mounting bracket, there is a mark that indicates the proper mounting hole position on the plastic panel.

8. Secure at new position. Re-use mounting hardware.



9. The final position should look like this.



PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

WARRANTY

This modification is covered by Prevo's normal warranty. We will reimburse you fifteen minutes (15min) for inspection only or half an hour (30 min) of labor for inspection and repair upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin WB12-35".

OTHER

VBC Bulletin	N/A
Fail Code	22.09
Defect Code	09
System Condition	B
Causal Part	374452

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Just e-mail us at technicalpublications_prev@volvo.com and type "ADD" in the subject.*

PREVOST

Instruction Sheet

IS-06020

Level-Low Selector Replacement

Level-low selector p/n 562517 is superseded by level-low selector p/n 563086.

MATERIAL

Kit #065381 includes the following parts:

Part No.	Description	Qty
391994	Decal, Level Low	1
392317	Plastic Cover, 4-Positions Selector, Level-Low	1
561457	Terminal, Spade spring	7
563086	Selector, 4-Positions, Level-Low Control	1
D390096	Diagram, Dashboard, Left Module, MTH	1
D390113	Diagram, Dashboard, Left Module, VIP MUX	1
IS-06020	Instruction Sheet	1
FI-06020	Feuille d'instructions	1

NOTE

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. From under the lateral control panel, disconnect the seven electrical wires connected to the level-low selector SW107.
2. Remove the four screws and the present level-low selector SW107 #562517.
3. On the existing electrical harness, install seven new spade spring terminals #561457 on the electrical wires.
4. Install the new level-low selector #563086, the new plastic cover #392317 and the new decal #391994.

NOTE

The new level-low selector is installed with four screws.

5. From under the lateral control panel, connect the seven electrical wires to the selector according to the following table and figure. You can also refer to wiring diagrams # D390096 or #D390113.

Table 1: Level-Low Selector Wire Connections

Selector Terminal	Wire Number
1	132F
2	132B
3	Not Used
4	132C
5	Not Used
6	132D
7	Not Used
8	104
9	24V18
10	126F

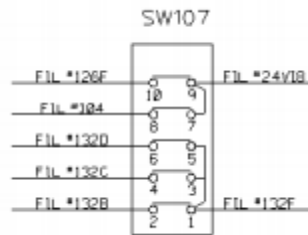


Figure 1: Level-Low Selector Connection

6. With the vehicle still at neutral (N), set the ignition key to the ON position.

NOTE

The engine can be running or not.

7. Set the level-low selector to LEFT and press on the height control selector (up or down) and make sure the rear left suspension inflates or deflates accordingly.

8. Repeat last step with the selector at RIGHT and FRONT positions.

NOTE

When at position RIGHT, the rear right suspension is controlled.

When at position FRONT, it is the entire front suspension that is controlled.

9. Set the level-low selector at OFF and the ignition key at OFF.

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

PREVOST

Instruction Sheet

IS-11015A

70A POWER RELAY REPLACEMENT

Power relay p/n 561991 is superseded with improved power relay p/n 564218 and relay base p/n 564210

REVISION : A THIS WARRANTY BULLETIN SUPERSEDES PREVIOUS VERSION.

Picture replaced by image

MATERIAL

Kit #068380 includes the following parts:

Part No.	Description	Qty
564210	Base, Relay	1
564218	Relay, 24 VDC - 40 A	1
IS-11015	Instruction Sheet	1
FI-11015	Feuille d'instructions	1

NOTE

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.

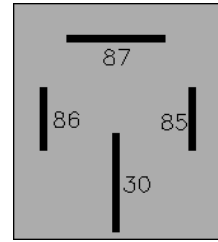
1. Disconnect the present 70A power relay base.
2. Tag electrical wires and disconnect them from the relay base by inserting a small screwdriver in holes on top of the relay base.

Insert
screwdriver
here



FORMER RELAY BASE

3. Remove the screw and old relay. Retain screw for installation.
4. Connect electrical wires in the new relay base #564210. The terminals are compatible.



RELAY BASE PORTS

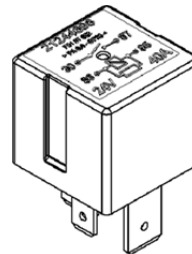
NOTE

Relay Base Terminals

8-12 AWG, use #562368 if needed

16-20 AWG, use #562540 if needed

5. Put the new relay base and install in existing mounting hole with the screw.
6. Connect the new relay #564218.



NEW RELAY AND BASE

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)