

# PREVOST

## WARRANTY BULLETIN

**WB19-07**

DATE : May 2019	SECTION : 12 BRAKE & PNEUMATIC
EXPIRATION: May 2021	
SUBJECT : BRAKE HOSE CLEARANCE INSPECTION – VEHICLES WITH INDEPENDENT FRONT SUSPENSION	

First Release

2019-05-10

### APPLICATION

<b>NOTICE TO SERVICE CENTERS</b> <i>Verify vehicle eligibility by checking warranty bulletin status with <b>SAP</b> or via <b>ONLINE WARRANTY SYSTEM</b> available on Service / Warranty tab of Prevost website.</i>		
Model	VIN	
H3-41, H3-45 coaches Model Year : 2013 - 2019	From 2PCH33499 <u>DC71</u> <b>2235</b> up to 2PCH33490 <u>KC71</u> <b>0421</b> incl.	
H3-45 VIP motorhomes Model Year : 2012 - 2019	From 2PCVS349X <u>CC71</u> <b>1910</b> up to 2PCV33499 <u>KC72</u> <b>0531</b> incl.	
XLII-45 Entertainer Model Year : 2012 - 2013	From 2PCYS3494 <u>CC73</u> <b>5133</b> up to 2PCYS3498 <u>DC73</u> <b>5489</b> incl.	
X3-45 VIP commercial use Model Year : 2014 - 2019	From 2PCCS3497 <u>EC73</u> <b>5494</b> up to 2PCCS3490 <u>KC73</u> <b>6420</b> incl.	
X3-45 VIP motorhomes Model Year : 2012 - 2019	From 2PCBS3499 <u>CC73</u> <b>5070</b> up to 2PCBS3498 <u>KC73</u> <b>6421</b> incl.	
X3-45 coaches Model Year : 2012 - 2018	From 2PCG33496 <u>CC73</u> <b>5241</b> up to 2PCG33497 <u>JC73</u> <b>6315</b> incl.	
X3-45 coaches Model Year : 2017 - 2018	From <u>4RKG33491</u> <u>H973</u> <b>7417</b> up to <u>4RKG33499</u> <u>J973</u> <b>7512</b> incl.	
X3-45 coaches incomplete Model Year : 2017 - 2018	<div style="display: flex; justify-content: space-between;"> <span>2PCS33491<u>HC73</u><b>6203</b></span> <span>2PCS33494<u>JC73</u><b>6296</b></span> </div> <div style="display: flex; justify-content: space-between;"> <span>2PCS33497<u>HC73</u><b>6206</b></span> <span>2PCS33496<u>JC73</u><b>6297</b></span> </div>	
<b>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.</b>		

## DESCRIPTION

On the **independent front suspension** (IFS) of the vehicles affected by this bulletin, check and make sure that there is enough clearance between the brake hoses identified in the procedure and their respective support bracket.

In some cases, it might be necessary to change the position of the hose in order to obtain the necessary minimum clearance. If signs of rubbing and wear are present, replacement of the damaged hose will be necessary.

There are two hoses to inspect, one on each side of the vehicle.

## PROCEDURE



### DANGER

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On the Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

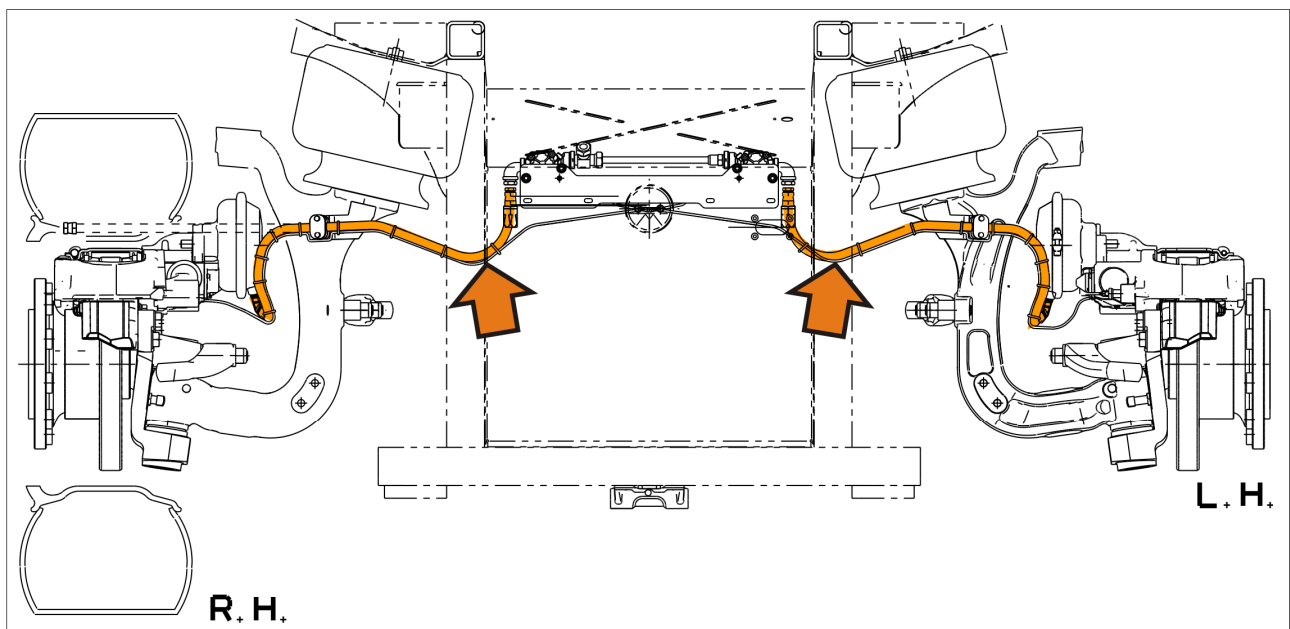


FIGURE 1 : INSPECT THE TWO (2) HOSES IDENTIFIED ON THE IMAGE

## PART 1 – CHECKING THE CLEARANCE

1. Check the clearance between the brake hose and the edge of the support as shown on the image.

The **MINIMUM** clearance is 1/2 inch (12 mm)

Inspect two (2) hoses, one on each side of the coach

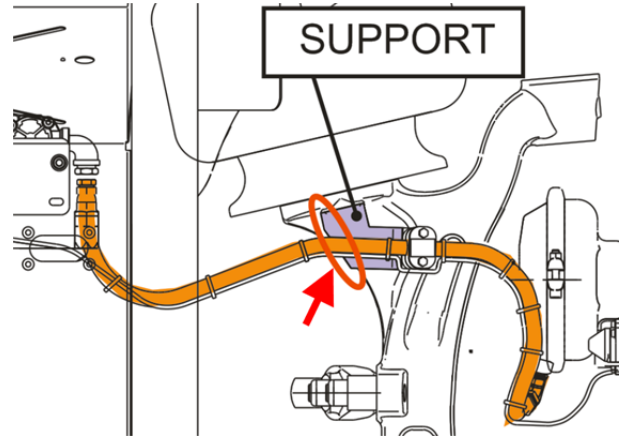


FIGURE 2 : DRIVER SIDE (L.H.)



FIGURE 3

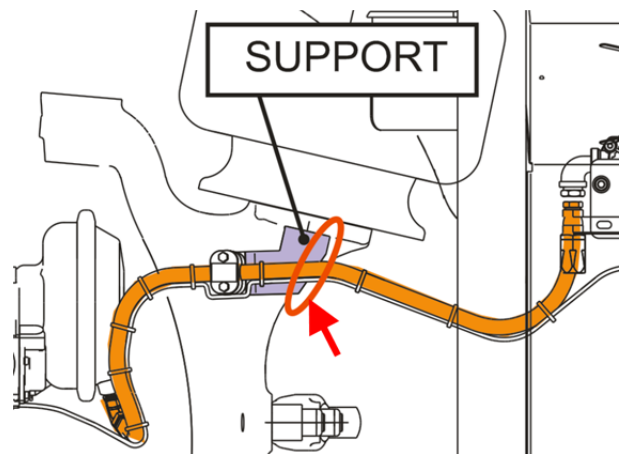


FIGURE 4 : CURB SIDE (R.H)

2. If the clearance is 1/2 inch (12 mm) or **greater, no adjustment** is necessary.

3. If the clearance is **less than 1/2 inch (12 mm)**, it is necessary to **increase the clearance** as explained in Part 2 to avoid rubbing of the hose.
  - a) If the hose shows signs of rubbing or wear, change the hose. If the inspection shows that there is rubbing of the black and greasy Tectyl coating only, then the hose does not require replacement.

## PART 2 – TO INCREASE THE CLEARANCE

4. Loosen two (2) screws on the hose clamp (item 1).
5. Loosen the fitting (item 2).
6. Turn the hose near the fitting slightly in order to increase the clearance.
7. Tighten the fitting while preventing the hose to rotate in order not to lose the clearance adjustment.
8. Release the torsion (twist) in the hose. To do so, turn the hose in the clamps and then tighten the clamp screws (item 1, figure 5).
9. Check the installation. Make sure that the fittings are tight and that air is not leaking.

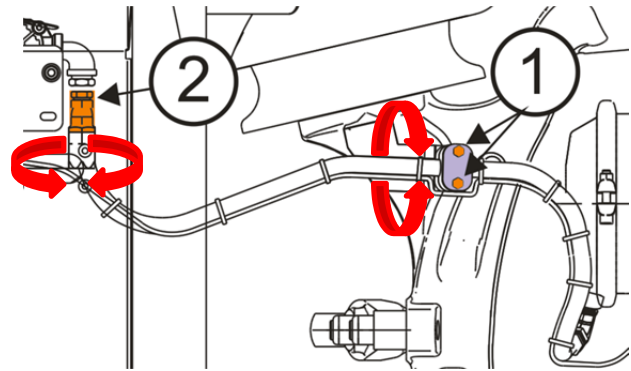


FIGURE 5

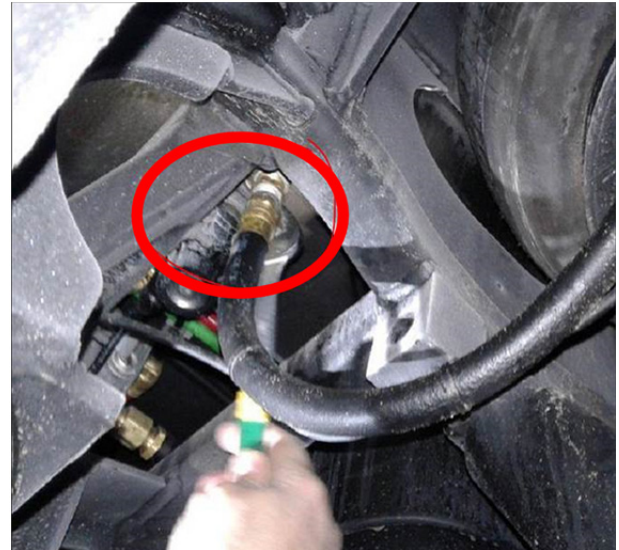


FIGURE 6

## PART 3 – HOSE REPLACEMENT (ONLY IF DAMAGED)

### MATERIAL

Replacement parts **necessary only if the inspection reveals that a hose replacement is needed.**

Order one kit “WB19-07” per hose that needs to be replaced.

Part No.	Description	Qty
507664	NYLON TIE, DOUBLE LOOP BLACK 50lbs	8
641903	HOSE, BRAKE 43 inches long	1

***NOTE***

*Material can be obtained through regular channels.*

1. Remove two screws on the hose clamp (item 1).
2. Cut eight (8) nylon ties and then separate the ABS sensor wire from the hose.
3. Remove the damaged hose.

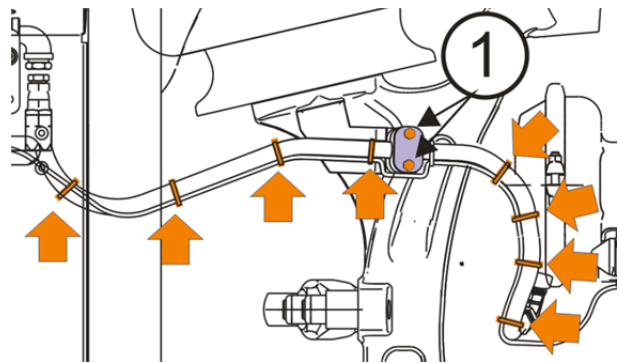


FIGURE 7

4. Install the new hose. Pay attention to which direction the hose is to be installed. The fitting with the longest hexagonal flat goes on the brake booster side.
5. Reinstall the clamp (see figure 7).
6. Make sure to respect the ½ inch (12 mm) minimum clearance as mentioned in Part 1 & Part 2.
7. Secure the ABS sensor wire to the hose using eight (8) nylon ties. Refer to figure 7 & figure 9 for the proper nylon tie locations.



FIGURE 8

8. Check the installation. Make sure that the fittings are tight and that air is not leaking.

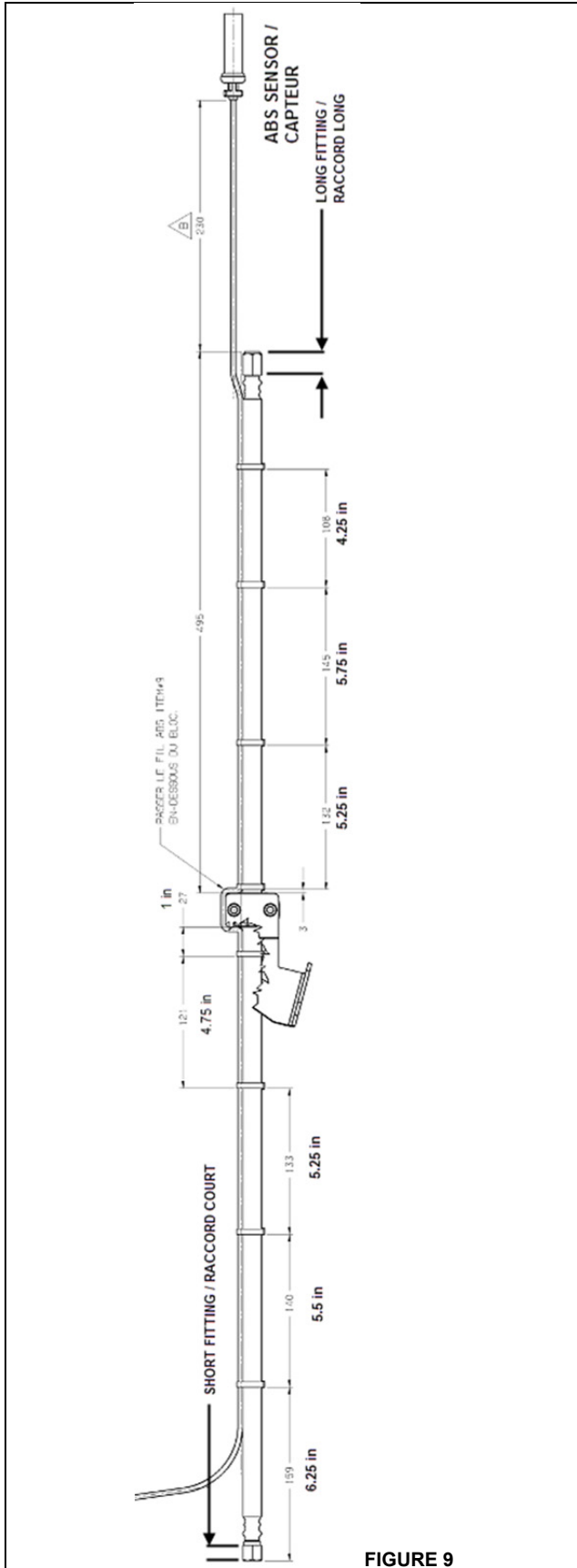


FIGURE 9

## PARTS / WASTE DISPOSAL

DO NOT RETURN THE REPLACED PARTS. Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

## WARRANTY

This modification is covered by Prevest's normal warranty.

### 1. Inspection only (no hose replacement needed)

We will reimburse you 1/4 hour(s) (0.25) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at [www.prevestcar.com](http://www.prevestcar.com) (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB19-07".

or

### 2. Inspection and clearance adjustment of one or two hoses

We will reimburse you **one** hour (1.0) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at [www.prevestcar.com](http://www.prevestcar.com) (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB19-07".

or

### 3. Inspection and replacement of one or two hoses

We will reimburse you the parts and **one** hour (1.0) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at [www.prevestcar.com](http://www.prevestcar.com) (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB19-07".

## OTHER

VBC Bulletin	N/A
Fail Code	12.03
Defect Code	09
Syst. Cond	B
Causal Part	641903

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