

DE-PRESSURISING THE HYDRAULIC SUSPENSION CIRCUIT**Tools.**

[1] PROXIA station : 4165-T
[2] LEXIA station : 4171-T

De-pressurisation.

NOTE: It is possible to de-pressurise the suspension by individual axle.

Using a diagnostic tool

Start the engine.

Place the height control in the «**LOW**» position.

Wait for the vehicle height to reach the position required.

Stop the engine.

Connect the diagnostic tool [1] or [2] to the vehicle's diagnostic socket.

Switch on the ignition.

Go into the menus:

- Suspension.

- Actuator tests.

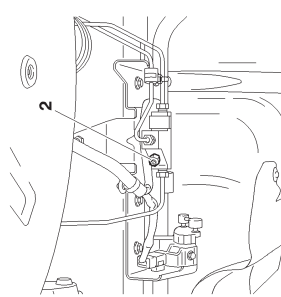
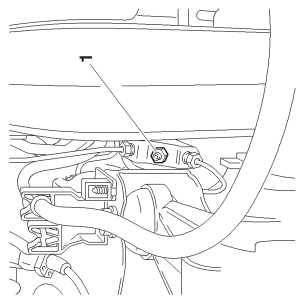
Select and validate the electrovalves line for front descent.

Wait for the vehicle's front suspension to sink completely.

Select and validate the electrovalves line for rear descent.

Wait for the vehicle's rear suspension to sink completely.

DE-PRESSURISING THE HYDRAULIC SUSPENSION CIRCUIT



Without using a diagnostic tool.

IMPERATIVE: Any LDS fluid that is collected must not be re-used.

NOTE: Collect the LDS fluid in order to keep the work area clean.
Respect the environment.

Start the engine.

Place the height control in the «LOW» position.
Stop the engine.

Vehicle with suspension Hydractive 3

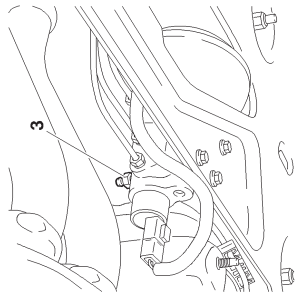
Front suspension: undo the pressure release screw (1) by one turn.
Wait for the pressure in the hydraulic circuit to drop fully.

Rear suspension: undo the pressure release screw (2) by one turn.
Wait for the pressure in the hydraulic circuit to drop fully.

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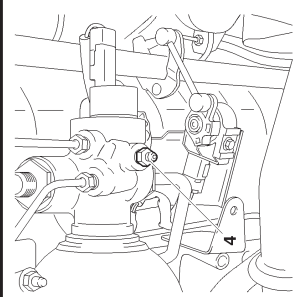
DE-PRESSURISING THE HYDRAULIC SUSPENSION CIRCUIT

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Vehicle with suspension Hydractive 3 ±

Front suspension: undo the pressure release screw (3) by one turn.
Wait for the pressure in the hydraulic circuit to drop fully.



Rear suspension: undo the pressure release screw (4) by one turn.
Wait for the pressure in the hydraulic circuit to drop fully.

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CHECK AND TOP-UP: LDS FLUID LEVEL

IMPERATIVE: Respect the safety and cleanliness requirements (refer to brochure: «RECOMMENDATIONS-PRECAUTIONS»).

NOTE: LDS = Lique direction suspension (fluid for steering/suspension).

Tools.

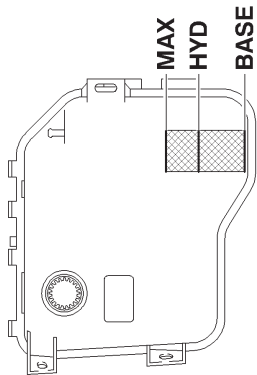
- [1] PROXIA station : 4165-T
- [2] LEXIA station : 4171-T

Evolutions:

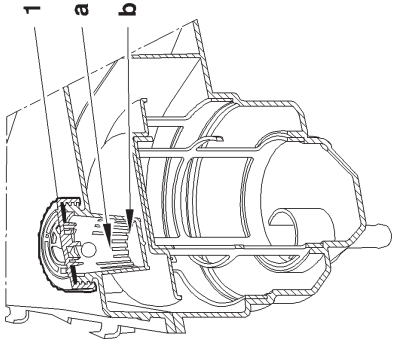
The window for checking the LDS fluid level (BASE, HYD, MAX) is discontinued.
Checking the LDS fluid level is done via the reservoir filler cap.

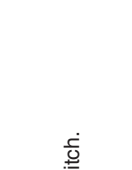
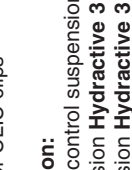
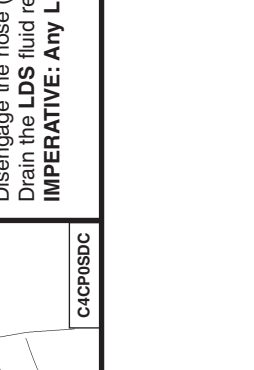
Checking and topping up the LDS fluid level.

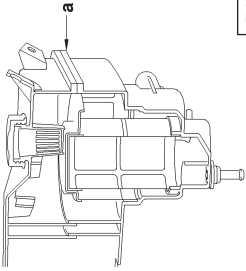
- Start the engine.
- Place the height control in the «LOW» position.
- Wait for the vehicle height to reach the position required.
- Stop the engine.
- Connect the diagnostic tool [1] or [2] to the vehicle's diagnostic socket.
- Switch on the ignition.
- Go into the menus:
 - Suspension.
 - Actuator tests.
- Select and validate the electrovalves line for front descent.
- Wait for the vehicle's front suspension to sink completely.
- Select and validate the electrovalves line for rear descent.
- Wait for the vehicle's rear suspension to sink completely.
- Remove the engine cover.



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CHECK AND TOP-UP: LDS FLUID LEVEL	C5
 <p>The diagram shows a cross-section of the LDS fluid reservoir. Label '1' points to the top cap. Label 'a' points to the minimum fluid level mark. Label 'b' points to the maximum fluid level mark.</p>	<p>LDS fluid reservoir (new type)</p> <p>Open the cap (1).</p> <p>If the LDS fluid level is below the min. mark «b»:</p> <p>Add LDS fluid to bring the level to between the min. mark «b» and the max. mark «a».</p> <p>LDS fluid reservoir (old type)</p> <p>Open the cap (1).</p> <p>If the LDS fluid level is below the min. mark «b»:</p> <p>Add LDS fluid to bring the level to 10 mm above the min. mark «b».</p> <p>IMPERATIVE: A container of LDS fluid that has been opened should be re-capped and carefully stored in a clean place. A container of LDS fluid should be used up within 2 weeks of first opening. After this date, unused LDS fluid should be disposed of.</p>
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C5	FILLING – BLEEDING: HYDRAULIC SUSPENSION/STEERING CIRCUIT	
<p>A</p>  <p>B</p> 	<p>B4BP01ED</p>  <p>C4CP0SDC</p>	<p>IMPERATIVE: Respect the safety and cleanliness requirements (refer to brochure «RECOMMENDATIONS-PRECAUTIONS»).</p> <p>Tools. [1] Pliers for CLIC clips : 4121-T.</p> <p>Identification: Sequential control suspension switch. A: Suspension Hydractive 3 B: Suspension Hydractive 3 + Draining.</p> <p>Start the engine. Place the vehicle in the low position. Stop the engine. Raise and support the vehicle, wheels hanging. WARNING: The LDS fluid reservoir is pressurised. Open the cap of the LDS fluid reservoir. Remove: - The front RH wheel. - The front RH splash-shield. Release the clip (1), using tool [1]. Disengage the hose (2) from the LDS fluid reservoir. Drain the LDS fluid reservoir. IMPERATIVE: Any LDS fluid that is collected must not be re-used.</p>

FILLING – BLEEDING: HYDRAULIC SUSPENSION/STEERING CIRCUIT		C5
	<p>Filling. Refit: - The hose (2). - The clip (1) - The front RH splash-shield. - The front RH wheel. Lower the vehicle. Fill the LDS fluid reservoir up to the MAX. mark.</p> <p>Bleeding. Apply a pressure of 0,5 Bars in the LDS fluid reservoir (using tool: FACOM 920). Start the engine Wait for the vehicle height to stabilise. Place the vehicle in the high position. Place the vehicle in the low position. Move the steering in both directions, from lock to lock. Stop the engine. Check the LDS fluid level. Check and if necessary top up the LDS fluid level. NOTE: Checking the LDS fluid level is done with the vehicle in the low position. «a» minimum level of LDS fluid. If the level is below the mark «a», add 1 litre of LDS fluid. MAX. mark on the LDS fluid reservoir: Maximum level of LDS fluid: Suspension Hydractive 3 : Mark «BASSE». Suspension Hydractive 3 + : Mark«HYD».</p>	
