


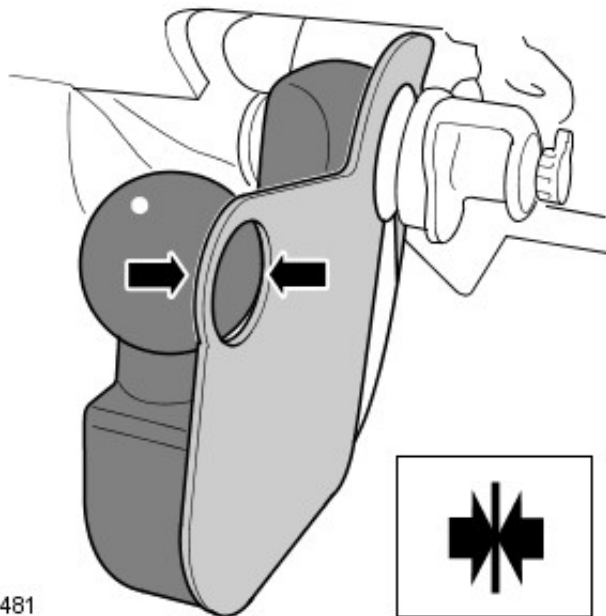
Full Frame and Body Mounting - Tow Bar Mounting Check

General Procedures


Special Tool(s)

 <p>E140509</p>	<p>Tow Bar Gauge JLR-501-201</p>
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1. **Pre test:** Check the detachable tow bar locking pin is moving freely without sticking.
2. Insert the tow bar into the chassis following the owners handbook instruction.



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3.  **CAUTION:** The special tool must be flat against the tow bar ball before taking measurements.

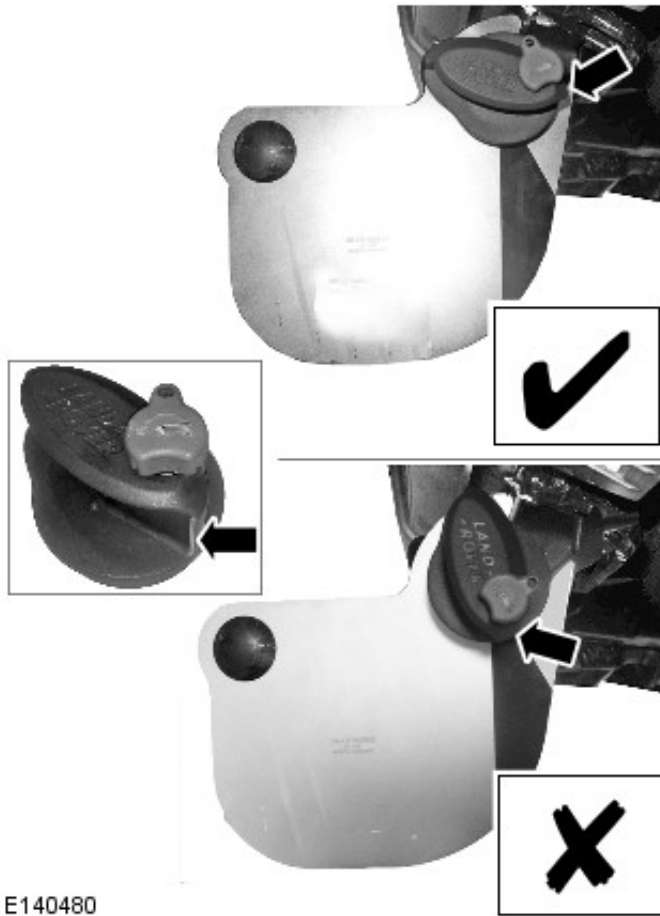
Hold the special tool JLR-501-201 against the tow bar as shown, failure to follow this instruction may result in an incorrect measurement.

4.  **CAUTION:** Make sure the special tool is mounted flush to the tow ball.



NOTE: Note the position of the tow bar release handle.

Install the special tool as shown.



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5. Check the position of the tow bar release handle against the special tool, and observe the following:
 - If the tow bar release handle points to the red area of the special tool, go to Step 6.
 - If the tow bar release handle points outside of the red area of the special tool, then the tow bar mounting is correct and no further action is required.

6. Install a new tow bar and check the tow bar mounting following Steps 3 - 5.
 - If the tow bar release handle points to the red area of the special tool, install a new rear crossmember. For additional information, refer to: [Rear Crossmember](#) (502-02 Full Frame and Body Mounting, Removal and Installation).