


# Safety Recall 23KWA / 23PBA: T680 / 579 Battery-Electric Vehicle Stability Control Mass Calculation

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<b>Title</b> (metadata)	Safety Recall 23KWA / 23PBA: T680 / 579 Battery-Electric Vehicle Stability Control Mass Calculation
<b>Description</b>	T680 / 579 Battery-Electric Vehicle Stability Control Mass Calculation
<b>Bulletin No.</b>	23KWA (23PBA) / 23V007 / 2023-007 <i>For Recalls: Recall # / NHTSA # / TC #</i>
<b>Bulletin Category</b>	Powertrain (Recall)
<b>Supplier</b> (Recall Only)	
<b>Image</b>	
<b>Service Subject</b>	Safety Recall 23KWA / 23PBA: T680 / 579 Battery-Electric Vehicle Stability Control Mass Calculation
<b>Section</b>	Electric Propulsion System - 46
<b>What's New Abstract</b>	<b>Safety Recall –</b> The battery-electric heavy duty electronic stability control program underestimates the mass of the vehicle. An incorrect estimate of vehicle mass can negatively impact the performance of the stability control system and may increase the risk of a crash. Updated software will be loaded by Meritor representatives to correct the miscalculation.
<b>Revision</b>	
<b>Condition / Complaint / Introduction</b>	Peterbilt Motors Company has determined that a defect, which relates to motor vehicle safety, exists in certain Model year 2022-2023 579 Battery-Electric vehicle chassis.  The battery-electric heavy duty electronic stability control program in the current software underestimates the mass of the

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	<p>vehicle. An incorrect estimate of vehicle mass can negatively impact the performance of the stability control system and may increase the risk of a crash.</p> <div>  NOTE         </div> <p>When software is updated, vehicles may experience incorrect operation of certain components. These issues will be addressed in a future software update. Refer to Bulletin 46-003 for more information.</p> <ol style="list-style-type: none"> <li>1. Power gauge will display approximate axle speed instead of actual power usage.</li> <li>2. Air conditioner compressor will not operate below 10mph (16kph) or over 40mph (65kph). HVAC Blower and heater will operate normally.</li> <li>3. Low air and low coolant audible alarms (buzzers) will not operate below 10mph (16kph). Low air and low coolant visual warnings will operate normally.</li> </ol>
<b>Chassis Affected / Situation</b>	38 (36 US and 2 CAN) Model Year 2021-2023 Models 579EV Battery-Electric Vehicles (BEV) with Meritor electric drive axles and software R4 or below (PNs Q30-6025, Q30-6026, or Q30-6028).
	PPD – Component Sales – N/A
	<p><b>Safety Recall</b></p> <p>Meritor has established a repair procedure and is providing a software update for affected chassis.</p> <p>Affected chassis will be marked in SIR with campaign code <b>23PBA</b>. This campaign code will be marked “complete” when repairs have been confirmed by Meritor.</p>
<b>Service Action / Resolution</b>	<p>All repairs will be coordinated and performed by Meritor representatives.</p> <p>No warranty claim is necessary for affected vehicles.</p>

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<b>Warranty</b>	<div></div> <div>Software only - No parts required</div> <div>Software to be installed by Meritor representative.</div> <div></div>
<b>Parts</b>	<p>The repair will be coordinated and performed by Meritor. However, Peterbilt is required to notify customers of the existence of the identified safety defect.</p> <p>Dealers can contact <b>Meritor OnTrac at 866-668-7221</b> with any questions regarding this recall.</p> <div> <div></div> <div>NOTE</div> </div> <p>When software is updated, vehicles may experience incorrect operation of certain components. These issues will be addressed in a future software update. Refer to Bulletin 46-003 for more information.</p> <ol style="list-style-type: none"> <li>1. Power gauge will display approximate axle speed instead of actual power usage.</li> <li>2. Air conditioner compressor will not operate below 10mph (16kph) or over 40mph (65kph). HVAC Blower and heater will operate normally.</li> <li>3. Low air and low coolant audible alarms (buzzers) will not operate below 10mph (16kph). Low air and low coolant visual warnings will operate normally.</li> </ol>
<b>Background</b>	<a href="#">PB Chassis List</a>  <a href="#">PB US Customer Letter</a>

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	<a href="#">PB Canada Customer Letter (English &amp; French)</a>
<b>Procedure</b>	<a href="#">PBUS</a> <input type="checkbox"/> <a href="#">PBCA</a> <input type="checkbox"/> Same bulletin published to KW & PB regions? Choose an item.
<b>Links</b>	Click or tap to enter a date.
<b>Channels</b>	
<b>Publish On</b>	