
	Authored:	<b>Nov 2023</b>	Reference:	<b>SOTA S014</b>
	<b>SOTA Campaign Release Summaries</b>			
	Models:	<b>All SOTA-capable vehicles (EVA2)</b>		

## Software-Over-The-Air (SOTA) Campaign Release Summaries


Please see below details of upcoming ‘Software-Over-The-Air’ (SOTA) campaigns:

### EVA2 SOTA release ‘4.1.1’ – Campaign summary

<b>Vehicle scope (Model Line &amp; MY)</b>	<p>20MY = L663 Defender.  21MY &amp; 22MY &amp; 23MY &amp; 24 MY= L663 Defender, L560 Velar, L462 Discovery, L550 Discovery Sport, L551 Evoque, X761 F-Pace, X260 XF, X760 XE, X590 I-Pace, X540 E-Pace.  22MY &amp; 23MY &amp; 24MY = L460 Range Rover.  23MY &amp; 24MY= L461 Range Rover Sport.</p>
<b>Module(s) affected</b>	<ul style="list-style-type: none"> <li>• Audio Amplifier Module (AAM)</li> <li>• Anti-Lock Brake System (ABS)</li> <li>• Battery Charge Control Module (BCCM)</li> <li>• Electronic Power Inverter Converter B (EPICB)</li> <li>• Near Field Sensing Module (NFSM)</li> <li>• Powertrain Control Module (PCM)</li> <li>• Wireless Device Charger Module (WDCM)</li> </ul>
<b>Improvements overview</b>	<p>Enhancements to the following systems:  Wireless Device Charger, High Voltage (HV) Battery Charge Control, Sound System, ABS (Anti-Lock Braking System), Belt Integrated Starter PHEVs, Rear Camera for cars without 360 view.</p>
<b>Release type</b>	<p>Minor update   Customer notified in-vehicle   Dual bank experience (vehicle shutdown required)</p>
<b>Customer impact</b>	<p>Vehicle required to be shut down and locked for approximately 30 minutes</p>
<b>Customer comms</b>	<ul style="list-style-type: none"> <li>• In-vehicle ‘What’s new?’ release summary</li> </ul>
<b>‘What’s new?’ customer release summary</b>	<p>With our continued drive to deliver improvements to your vehicle, this update brings enhancements to the following systems:</p> <p><b>Wireless Device Charging:</b></p> <p>Improved detection and adaption to phones resulting in the initiation of charging being less sensitive to device location. Updates to communication with Apple devices running the latest iOS releases.</p>

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	<p><b>High Voltage (HV) Battery Charge Control:</b></p> <p>Changes to the control of the charging cable locking pin to reduce the possibility of an unresponsive locking pin.</p> <p>Changes to the charge indicator LED behaviour</p> <ul style="list-style-type: none"> <li>• The flashing white LED charge indicator no longer illuminates when attempting to plug-in the charge cable when the locking pin is already in a locked position.</li> <li>• If the charging pin is stuck in a midway position during locking attempt, a Rapid flashing white LED to indicate the error condition. In such cases recommend removal/reinsertion of charging cable.</li> </ul> <p><b>Sound System:</b></p> <p>General calibration &amp; system volume refinements including a fix for an issue where the audio could be heard through an incorrect speaker channel.</p> <p><b>ABS (Anti-Lock Braking System):</b></p> <ul style="list-style-type: none"> <li>• Updates to remove noises from ABS modulator to mitigate customer complaints ((applicable to New Range Rover (L460) and New Range Rover Sport (L461)).</li> <li>• Better detection and response for DTC C055E System Stiffness.</li> </ul> <p><b>Vehicles without Surround Cameras:</b></p> <p>Added automatic display of the rear view when the vehicle rolls back plus other general performance improvements.</p> <p><b>Powertrain:</b></p> <p><b>PHEV Vehicles fitted with Belt Integrated Starters:</b></p> <p>Resolved an issue that could result in a delayed engine start.</p>
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	<p><b>V8 Engine Defenders:</b></p> <p>Improvements to oil monitoring systems.</p> <p><b>Jaguar I-PACE (21MY Only – already included in later models):</b></p> <p>Improvements to cold weather range prediction accuracy.</p> <p>Improved support for Charge Now.</p> <p>Fixed Time charging now works across multiple days.</p> <p>Improved range estimation for vehicles fitted with 20" wheels.</p> <p>Improved range estimation impact influenced by the vehicle's climate control system.</p> <p>Range estimation updates more frequently, preventing unexpected range drop off at lower range values.</p> <p><b>Defender and Discovery 6-cylinder vehicles:</b></p> <p>Resolved an issue where the O2 sensor could incorrectly result in the display of an engine warning light.</p> <p><b>All other vehicles:</b></p> <p>General powertrain refinements.</p>
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