


# TECHNICAL TOPICS

## Powertrain



Vehicle Cabin is slow to warm up	21MY Discovery Sport, RR Evoque 21MY E-Pace
<p><b>Customer Voice:</b></p> <ul style="list-style-type: none"><li>- Heater blows cold for a long time after a cold start then suddenly temperature gauge moves from cold to normal range, and heat blows hot.</li><li>- May oscillate between hot and cold several times when driving at beginning of drive cycle.</li></ul> <p><b>Technical Description:</b></p> <ul style="list-style-type: none"><li>- Please check for relevant DTC's</li><li>- Please check for any coolant leaks</li></ul> <p><b>Status:</b></p> <ul style="list-style-type: none"><li>- Follow TOPIX section 303-03B – Engine Cooling- Diagnosis and Testing to determine system does not have any mechanical problems.</li><li>- PCM Software is coming for this concern and is slated to be available via pathfinder or OTX TBC in Early Feb.</li><li>- PCM SW will also go out over SOTA at a later date (timing to be confirmed)</li></ul>	 A detailed photograph of a modern internal combustion engine, likely a 2.0-liter four-cylinder engine, shown from a front-three-quarter perspective. The engine is complex, with various components like the intake manifold, belts, and sensors visible. It is mounted on a black plastic engine cover.

