

# UNIT 9: Maintenance & Repair of Electric Vehicles

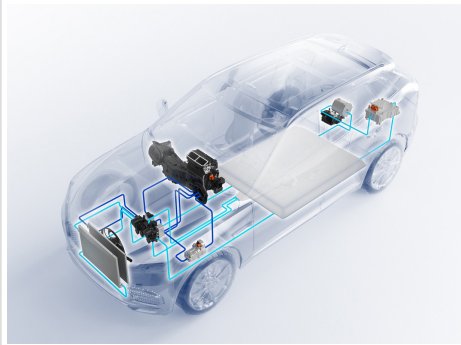
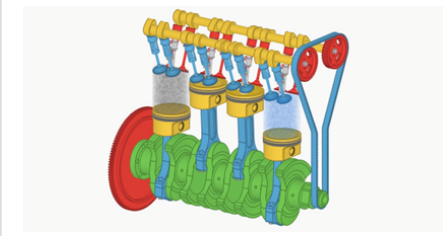

## VOCABULARY


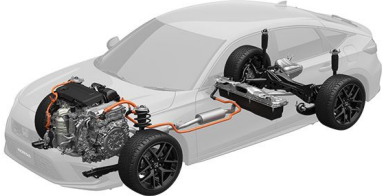
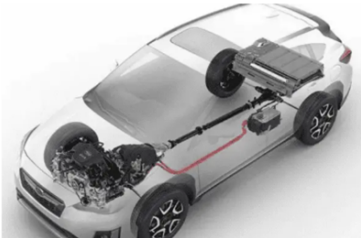




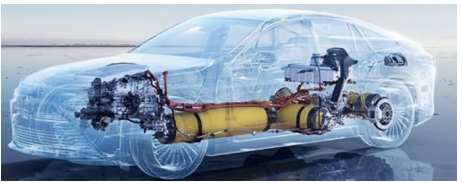
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Term	Description	Image	
<b>Thermal management systems</b>	Advanced thermal management systems use sensors and cooling loops to maintain optimal battery temperature, maximizing battery life and efficiency.		<a href="https://www.mahle-aftermarket.com/eu/en/news-and-press/press-releases/mahle-thermal-management-is-a-growth-driver-98432">https://www.mahle-aftermarket.com/eu/en/news-and-press/press-releases/mahle-thermal-management-is-a-growth-driver-98432</a>
<b>ICE</b>	Internal Combustion Engine		<a href="https://ciechanow.ski/internal-combustion-engine/">https://ciechanow.ski/internal-combustion-engine/</a>
<b>μHEV</b>	Micro Hybrid Electric Vehicle		<a href="https://x-engineer.org/micro-mild-full-hybrid-electric-vehicle/#google_vignette">https://x-engineer.org/micro-mild-full-hybrid-electric-vehicle/#google_vignette</a>

<p><b>MHEV</b></p>	<p>Mild Hybrid Electric Vehicle</p>		<p><a href="https://www.autolexicon.net/cs/articles/mhev-mild-hybrid-electric-vehicle/#google_vignette">https://www.autolexicon.net/cs/articles/mhev-mild-hybrid-electric-vehicle/#google_vignette</a></p>
<p><b>HEV</b></p>	<p>Hybrid Electric Vehicle</p>		<p><a href="https://www.autolexicon.net/cs/articles/hybrid-electric-vehicle/">https://www.autolexicon.net/cs/articles/hybrid-electric-vehicle/</a></p>
<p><b>PHEV</b></p>	<p>Plug-in Hybrid Electric Vehicle</p>		<p><a href="https://dorleco.com/plug-in-hybrid-electric-vehicles-phevs/">https://dorleco.com/plug-in-hybrid-electric-vehicles-phevs/</a></p>
<p><b>BEV</b></p>	<p>Battery Electric Vehicle</p>		<p><a href="https://www.drive.com.au/news/replace-ment-electric-car-batteries-getting-cheaper/">https://www.drive.com.au/news/replace-ment-electric-car-batteries-getting-cheaper/</a></p>

<b>REEV/RXBEV</b>	Range Extended Electric Vehicle		<a href="https://www.mahle-powertrain.com/en/experience/mahle-range-extender-vehicle/">https://www.mahle-powertrain.com/en/experience/mahle-range-extender-vehicle/</a>
<b>FCEV</b>	Fuel Cell Electric Vehicle		<a href="https://www.toyotavacaville.com/blog/technology-of-fuel-cell-vehicles-explained/amp/">https://www.toyotavacaville.com/blog/technology-of-fuel-cell-vehicles-explained/amp/</a>