



**DATA SHEET JC9100 / JC9101 / JC9103/ JC9104**

Producer	Land Rover	Chassis For Life
<b>Material</b>	<p>Low-alloy steel, meant for stamping at a thickness of 2mm for legs. Stamping technology is well-suited for mass production, but limits the choice of materials to only malleable sheet metals of lower durability. An additional limitation is the thickness of the stamped material – for this reason certain laminated elements of the frame are particularly susceptible to corrosion.</p>	<p>Legs made from 3mm thick steel. Outriggers and cross members produced with 3mm, 4mm or 8mm-thick material. High-durability S355 grade alloyed steel used.</p>
<b>Construction</b>	<p>Legs are welded from two stamped halves. Remaining frame elements also stamped. In order to attain adequate thickness of the material on features exposed to greater structural stress, two-part lamination was used - e.g. on the outriggers of the rear arms. This kind of bi-metal combination is particularly susceptible to corrosion.</p>	<p>All frame elements are laser cut and shaped with digital presses.</p> <p>Legs are welded from four parts.</p> <p>Items that require extra strength use thicker steel, not lamination.</p> <p>Less stress on chassis and other components due to less flex in the chassis and outriggers.</p>
<b>Anti-corrosion protection</b>	<p>Non UV stabilized paint with several mud traps.</p>	<p>Hot galvanization – high-quality coating which achieve as good quality durable finish.</p> <p>Construction designed from the start for galvanization with appropriate size holes and flow ways.</p> <p>Additional inspection holes in the</p>

		<p>legs and other closed profiles so the chassis can be washed out internally or idea for wax protection.</p> <p>Mud-accumulating points kept to a minimum.</p>
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