

DR for components



<p><u>Background</u></p> <ul style="list-style-type: none"> • For component level, to set up target from final product target are not easy • Integration for all components 	<p><u>Objective</u></p> <p>To achieve the vehicle targets of Q, C, Delivery and Design, proactive activity is required to get a solution from all related members. Implement consistent PDCA cycle</p>																
<p><u>Phase</u></p> <pre> graph TD Concept[Concept] --> Feasibility[Feasibility] Feasibility --> Verify[Verify] Verify --> SOP[SOP] SOP --> Terminate[Terminate] </pre> <p>DR-2 (next to Feasibility)</p> <p>DR-3 (next to Verify)</p>	<p><u>Who</u></p> <table border="1" data-bbox="783 674 1370 884"> <thead> <tr> <th>Phase</th> <th>Project Leader</th> <th>System Chief</th> <th>Engineer</th> <th>Coordinator</th> </tr> </thead> <tbody> <tr> <td>DR-2</td> <td>(Y)</td> <td>Y</td> <td>Y</td> <td>Engineering</td> </tr> <tr> <td>DR-3</td> <td>(Y)</td> <td>Y</td> <td>Y</td> <td>Test</td> </tr> </tbody> </table>		Phase	Project Leader	System Chief	Engineer	Coordinator	DR-2	(Y)	Y	Y	Engineering	DR-3	(Y)	Y	Y	Test
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<p><u>Procedure</u></p> <ol style="list-style-type: none"> 1. Break down the each component target from vehicle target 2. Especially recurring, non-recurring cost and weight target is necessary at earlier phase 3. The parts which will not achieve the target, and decide countermeasures in the meeting 4. Consider all other related parts must consider carefully 5. Follow PDCA cycle rigorously. 6. 																	
<p><u>Output</u></p> <p>Integrated components with all related members are coming after this DR</p>	<p><u>Result</u></p> <p>Improve engineering completeness at an earlier phase in the design cycle.</p>																
<p><u>Comments</u></p> <p>Auto industry does not exist of “integration” functions, because during design, engineers are considering each other components..</p>																	