

## Characteristics Matrix

Potential Significant and Critical Characteristics from DFMEA

Characteristics Ranked by Importance (Severity from DFMEA)

Process Operation from Process Flow

Item #	Key Process Area	Potential Significant / Critical Characteristics	Severity	Process Steps								
				Receive Material	Material Handling	Shipping / Transport	Component manufacturing	Vehicle Assembly	Op 100 Step 1 - Preload dowel to fixture	Op 100 Setp 2 - Preload jack shaft seal to fixture	Op 100 Step 3 - Preload primary housing bushing to fixture	Op 110 - Preload bearing to fixture #2
1		Bearing flush to snap ring face	3								9	3
2		Seal compression height	9				3	1	1		1	
3		Pri. gasket seal surface finish	9		9	9	9					
4		Bearing damage	5								9	
5		Jack shaft seal against shoulder	9						9			
<b>Key:</b>				<b>Relative Importance</b>								
○ High (9)												
○ Med (3)				<b>Weighted Importance</b>								
^ Low (1)												

High/Medium Interactions are causes/failure modes in PFMEA

Prioritized ranking of process steps relative to risk