

### Process Failure Mode and Effect Analysis

<b>Honda Part Number</b>		RH Pad - IP Upper Trim / MXP1002-01		<b>Supplier Name</b>				<b>PFMEA Original Date</b>		40475		<b>Supplier PFMEA Issuer</b>		A. Walvekar							
<b>Honda Part Name</b>				<b>Supplier Number/Location</b>				<b>PFMEA Revision Date</b>		40655		<b>Supplier PFMEA Approver</b>									
<b>Model/Model Type/Model Year</b>		02										<b>Honda Review</b>									
Process Function (Component Part Name and Process Name)	Potential Failure Mode	Potential Effects of Failure		Potential Causes or Mechanisms of Failure	Occurrence	Severity	Detection	Risk Number	Priority	Current Controls	Recommended Actions	Responsibility and Target Completion Date	Actions Taken	Occurrence	Severity	Detection	Risk Number	Priority	Decision	PQCT Verified	
		Part Assembly (Sub-system)	CBU (System)																		
Part # MXP1002-01	Op 010 Receive Raw Resin							0	0												
12 - Molded Part Appearance								0	0												
100 - Bassell	Contaminated Material	Will not process correctly		Improper Handling During Transit	3	6	7	18	126	SOP-126 (Non-Conforming)	NONE							0	0		
100 - Bassell	Incorrect Color	Poor Appearance		Mislabel	2	6	2	12	24	SOP-126 (Non-Conforming)	NONE							0	0		
100 - Bassell	Incorrect Quantity / Count	Material shortage		Improper Handling During Transit	2	6	7	12	84	SOP-126 (Non-Conforming)	NONE							0	0		
100 - Bassell	Material out of Specification	Material shortage		Contaminated Material	3	6	3	18	54	SOP-126 (Non-Conforming)	NONE							0	0		
100 - Bassell	Material out of Specification	Material shortage		Mislabel	2	6	2	12	24	SOP-126 (Non-Conforming)	NONE							0	0		
100 - Bassell	Material out of Specification	Will not process correctly		Contaminated Material	2	5	2	10	20	SOP-126 (Non-Conforming)	NONE							0	0		
100 - Bassell	Out of Specification	Will not Assemble correctly		Dimensionally Incorrect	2	5	3	10	30	SOP-126 (Non-Conforming)	NONE							0	0		
100 - Bassell	Wrong Melt Flow	Material shortage		Degredation	3	6	3	18	54	SOP-126 (Non-Conforming)	NONE							0	0		
Part # MXP1002-01	Op 012 Receive Components							0	0												
6 - Visual Inspection	Incorrect Quantity / Count	Material shortage		Improper Handling During Transit	2	6	7	12	84	SOP-126 (Non-Conforming)	NONE							0	0		
6 - Visual Inspection	Out of Specification	Will not assemble correctly		Improper Handling During Transit	2	5	3	10	30	SOP-126 (Non-Conforming)	NONE							0	0		
Part # MXP1002-01	Op 013 Receive Packaging							0	0												
6 - Visual Inspection	Damaged Container	Damaged Product		Improper Handling During Transit	2	5	3	10	30	SOP-126 (Non-Conforming)	NONE							0	0		
6 - Visual Inspection	Incorrect Label	Inaccurate inventory		Incorrect Material	6	3	3	18	54	SOP-117 (Identification,	NONE							0	0		
Part # MXP1002-01	Op 030 Lab Inspection/Resin Verification							0	0												
5 - Material Sample Retain	Out of Specification	Loss of Physical Properties		Supplier Deviated from Specification	1	8	2	8	16	Melt Index Test Equipment	NONE							0	0		
46 - Receive Material	Out of Specification	Loss of Physical Properties		Supplier Deviated from Specification	1	8	2	8	16	Supplier Certification	NONE							0	0		
Part # MXP1002-01	Op 031 Component Inspection							0	0												
6 - Visual Inspection	Out of Specification	Functional Failure		Supplier Deviated from Specification	1	3	3	3	9	Visual to Master Sample	NONE							0	0		
10 - Component Appearance	Chatter							0	0												
Part # MXP1002-01	Op 033 Segregate Defective Received							0	0												
18 - Per Manufacturers Support	Defective Material is not Segregated	Defective Material used to manufacture		Non-Compliance with Procedures	2	7	3	14	42	SOP-126 (Non-Conforming)	NONE							0	0		
Part # MXP1002-01	Op 041 Return Defective							0	0												
108 - Shipping Documentation	Defective Material is not Segregated	Inaccurate inventory		Non-Compliance with Procedures	2	3	4	6	24	Inspector Verification	NONE							0	0		
Part # MXP1002-01	Op 050 Move Accepted to Warehouse							0	0												
7 - Store Product Until Needed	Incorrect Product/Rack Scanned	Inaccurate inventory		Non-Compliance with Procedures	2	2	4	4	16	SOP-117 (Identification,	NONE							0	0		
102 - Inventory Control								0	0												
Part # MXP1002-01	Op 061 Print Work Order/Labels							0	0												
21 - Bill of Materials	Wrong Part Produced	Confusion, Shortage or Excess at		Non-Compliance with Procedures	4	4	4	16	64	First Shot Approval Procedure	NONE							0	0		
Part # MXP1002-01	Op 071 Set Up Work Station							0	0												
11 - Process Set Up	Incorrect Mold Temperature control	Poor fit & Function (Dimensional		Cooling Route (cooling lines) setup	7	2	3	14	42	SOP-120 (Production Process)	Engineering Department	Engineering Manager	Die Setter completes QF-059 prior	1	3	2	3	6			

Rank	Probability of Failure	Possible Failure Rate	Cpk
10	Very High	> 1 in 2	< 0.33
9		1 in 3	≥ 0.33
8		1 in 6	≥ 0.61
7	High	1 in 20	≥ 0.67
6		1 in 80	≥ 0.83
5	Moderate	1 in 400	≥ 1.00
4		1 in 2,000	≥ 1.17
3		1 in 15,000	≥ 1.33
2	Very Low	1 in 150,000	≥ 1.50
1	Remote	< 1 in 1,500,000	≥ 1.67

Rank	Effect
10	Hazardous - without warning
9	Hazardous - with warning
8	Very High
7	High
6	Moderate
5	Low
4	Very Low
3	Minor
2	Very Minor
1	None

Rank	Detection
10	Almost Impossible
9	Very remote
8	Remote
7	Very Low
6	Low
5	Moderate
4	Moderately High
3	High
2	Very High
1	Almost Certain

Risk Number = Occurrence X Severity X Detection

Rank	Risk Number
S	436 - 1000
A	130 - 435
B	27 - 129
C	1 - 26