

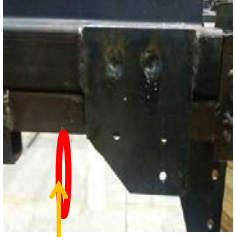
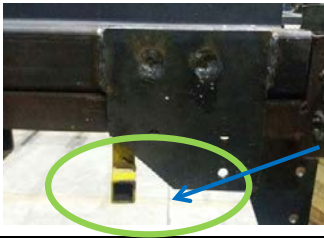





KAIZEN




Dept: Quality

Kaizen No.:SEPL/KAIZEN/005

Cell No.: - 01	Cell Name: -9T FF	Machine : -Front Frame assembly	Process / Stage : Part Fixing	Operation :	Part Fixing		
Kaizen Theme:		Idea: To avoid the tube hole position wrong , hole missing and hole incomplete.					
Process and Product Improvement							
Present status:	COUNTERMEASURE IN PICTORIAL:		KAIZEN Start		10.02.18		
1) Tube hole position is checked by using measurement tape.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>BEFORE</p>  <p>1) Bracket position is checked by using measurement tape.</p> </div> <div style="text-align: center;"> <p>AFTER</p>  <p>1) Bracket position is checked by using attribute gauge.</p> </div> </div>		KAIZEN Finish		12.02.18		
2)Hole missing and hole open condition is ensured visually			Team Members:				
			1-R.Parthiban				
			2-nilmani				
			Benefits:				
			1-Hole position and hole missing can be ensured				
			2-Customer complaints can be avoided				
			3-Hole incomplete can be ensured				
			KAIZEN SUSTENANCE :				
Why Why Analysis :	Countermeasure & Results:		What to do :				
W1. To Avoid the Fitment issue	Time can be reduced and customer complaint can be avoided.		Irreversible Kaizen				
W2 .To avoid the customer complaint	Result:						
Root Cause :	1-Tube hole dimension can be maintained with in limit.		How to do :				
	2-Time of inspection can be reduced		Scope & Plan for Horizontal Deployment				
Registration no. & Date :	12.02.18		Sr no	Model	Target	Responsibility	Status
					Date		
Registered by :	R.Parthiban		1	9T all models	13-02-2018	Nilmani R.Parthiban alaguraja	completed
Manager's Sign :	Sai krishna						

Sparkline		KAIZEN				
		Dept: Quality		Kaizen No.:SEPL/KAIZEN/006		
Cell No.: - 01	Cell Name: -9T UFA DOCKING FIXTU	Machine : -DOCKING	Process / Stage : DOCKING AND PART FIXING		Operation : DOCKING	
Kaizen Theme:		Idea: To avoid the Erection bracket orientation issue.				
Process and Product Improvement		COUNTERMEASURE IN PICTORIAL:		Bench Mark		
Present status:				KAIZEN Start	26-02-2018	
1) Erection bracket position checked visually		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> BEFORE  <p>Erection Bracket position is visually checked</p> </div> <div style="text-align: center;"> AFTER  <p>Erection bracket chamfer side Stoper has been provided to ensure bracket orientation</p> </div> </div>		KAIZEN Finish	28-02-2018	
		Team Members:				
		1-R.Parthiban				
		2-Praveen kumar				
		Benefits:				
		1-Brackets orientation can be ensured				
		2-Customer complaints can be avoided				
		KAIZEN SUSTENANCE :				
Why/Why Analysis:		Countermeasure & Results:		What to do :		
W1. To Avoid the Fitment issue		Time can be reduced and customer complaint can be avoided.		Irreversible Kaizen		
W2 .To avoid the customer complaint		Result:				
Root Cause :		1-Manual error can be avoided.		How to do :		
		2-Time of inspection can be reduced.		Scope & Plan for Horizontal Deployment		
Registration no. & Date :	28-02-2018	Sr no	Model	Target Date	Responsibility	Status
Registered by :	R.Parthiban	1	9T all models	01-03-2018	praveen R.Parthiban alaguraja	completed
Manager's Sign :	Sai krishna					

		KAIZEN			
Cell No.: - 01		Cell Name: -9T FF		Dept: Quality	
Machine : -Front Frame assembly		Process / Stage : Part Fixing		Kaizen No.:SEPL/KAIZEN/007	
Kaizen Theme:		Idea: To avoid the tube linear hole position wrong , hole missing.		Operation : Part Fixing	
Process and Product Improvement		COUNTERMEASURE IN PICTORIAL:		Bench Mark	
Present status:				KAIZEN Start 16-03-2018	
1) Tube hole position is checked by using measurement tape.		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> BEFORE  </div> <div style="text-align: center;"> AFTER  </div> </div>		KAIZEN Finish 17-03-2018	
2)Hole missing is ensured visually				Team Members:	
				1-R.Parthiban	
				2-Nilmani	
				3-Sai krishna	
				Benefit:	
				1-Hole position and hole missing can be ensured	
				2-Customer complaints can be avoided	
				KAIZEN SUSTENANCE :	
Why Why Analysis :		Countermeasure & Results:		What to do :	
W1 .To Avoid the Fitment issue		Time can be reduced and customer complaint can be avoided.		Irreversible Kaizen	
W2 .To avoid the customer complaint		Result:			
Root Cause :		1-Tube hole dimension can be maintained with in limit.		How to do :	
		2-Time of inspection can be reduced		Scope & Plan for Horizontal Deployment	
Registration no. & Date :		17-03-2018		Sr no Model Target Date Responsibility Status	
Registered by :		R.Parthiban		1 9T FF all models 17-03-2018 Nilmani R.Parthiban alaguraja mohan completed	
Manager's Sign :		Sai krishna			



		KAIZEN									
		Dept: Quality					Kaizen No.:				
Cell No.: - 01	Cell Name: Levelling	Machine : Levelling fixture			Process / Stage : Levelling			Operation :		Levelling	
Kaizen Theme:		Idea: To avoid the fitment issue and to ensure the bracket fitment									
To ensure the Bracket postion as per dimension		COUNTERMEASURE IN PICTORIAL:					Bench Mark				
Present status:							KAIZEN Start		7.01.18		
1) Bracket position is checked by using measurement tape.		BEFORE		AFTER			KAIZEN Finish		7.01.18		
					Team Members:						
					1-R.Parthiban						
					2-Sai krishna						
					3-Pravin						
					Benefits:						
					1-Insection time can be reduced and fitment can be ensured						
					2-Customer complaits can be avoided						
					KAIZEN SUSTENANCE :						
Why Why Analysis :		Countermeasure & Results:					What to do :				
W1 .To Avoid the Fitment issue		Time can be reduced and customer complaint can be avoided.					Irreversible Kaizen				
W2 .To avoid the customer complaint											
		Result:									
Root Cause :		1-Part can be ensured in terms of fitment.					How to do :				
		2-Time of inspection can be reduced					Scope & Plan for Horizontal Deployment				
Registration no. & Date :		7.01.18				Sr no	Model	Target Date	Responsibility	Status	
Registered by :	Parthiban					1	All 9T models	7.01.18	Parthiban	Completed	
Manager's Sign :	Sai krishna										




KAIZEN

Dept: Quality

Kaizen No.:

Cell No.: - 01	Cell Name: Final inspection	Machine : -	Process / Stage : Inspection	Operation :	Inspection			
Kaizen Theme:		Idea: To avoid the fitment issue and to ensure the coating thickness.						
To ensure the coating thickness		COUNTERMEASURE IN PICTORIAL:		Bench Mark				
Present status:		BEFORE	AFTER	KAIZEN Start	22.12.17			
1)Part is inspecting by using vernier.				KAIZEN Finish	22.12.17			
				Team Members:				
				1-R.Parthiban				
				2-Alaguraja				
				3-Nilmani				
				Benefits:				
				1-Insection time can be reduced and fitment can be ensured				
				2-Customer complaits can be avoided				
				KAIZEN SUSTENANCE :				
Why Why Analysis :		Countermeasure & Results:		What to do :				
W1. To Avoid the Fitment issue		Time can be reduced and customer complaint can be avoided.		Irreversible Kaizen				
W2 .To avoid the customer complaint		Result:						
Root Cause :		1-Part can be ensured in terms of fitment.		How to do :				
		2-Time of inspection can be reduced		Scope & Plan for Horizontal Deployment				
Registration no. & Date :	26.12.17			Sr no	Model	Target Date	Responsibility	Status
Registered by :	Parthiban			1	Driver Partitions	25.12.17	Parthiban	Completed
Manager's Sign :	Sai krishna							

Cell No.: - 01		Cell Name: -All WELDING AREA		Machine : - WELDING AREA		Process / Stage : WELDIND AREA		Kaizen No.:	
Kaizen Theme:		Idea: To avoid the welding visual inspection (welding sample stand).							
Process and Product Improvement		COUNTERMEASURE IN PICTORIAL:						Bench Mark	
Present status:		BEFORE						KAIZEN Start	
1) New welder to check the welding visual stand .		AFTER						10-01-2018	
2) Welding quality compare the welding stand								KAIZEN Finish	
								12-01-2018	
		Team Members:							
		1-R.Parthiban							
		2-Nilmani							
		Benefits:							
		1-Welding quality improve and visual inspection							
		2-Customer complaints can be avoided							
		KAIZEN SUSTENANCE :							
Why Why Analysis :		Countermeasure & Results:						What to do :	
W1. To Avoid the welding issue		Welding improve and visual inspection .						Irreversible Kaizen	
W2 .To avoid the customer complaint		Result:							
Root Cause :		1-Welding improve and visual inspection improve .						How to do :	
		2-Time of inspection can be reduced						Scope & Plan for Horizontal Deployment	
Registration no. & Date :		12-01-2018		Sr no		Model		Target Date	
Registered by :		Parthiban		1		welding area		12-01-2018	
Manager's Sign :		Sai krishna						Responsibility	
								Status	
								complete	