
Linamar

Maharshi Patel

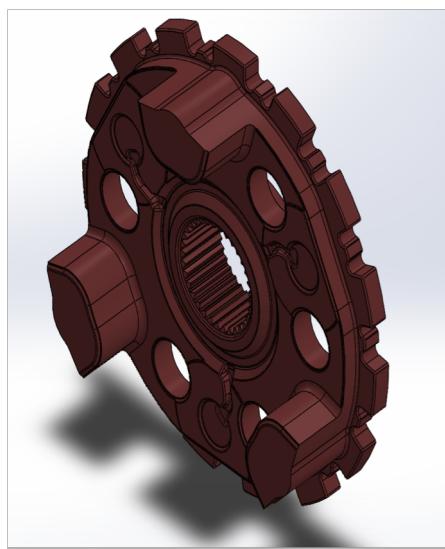
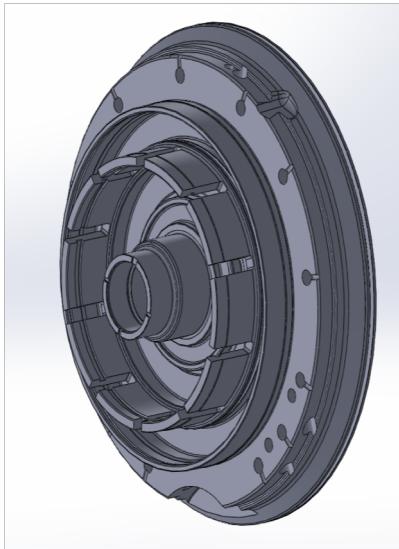
Projects Undertaken

- Rapid Prototype
- Gauge Design
- Table Design
- Fixture Design

Rapid Prototyping - 9F/10R

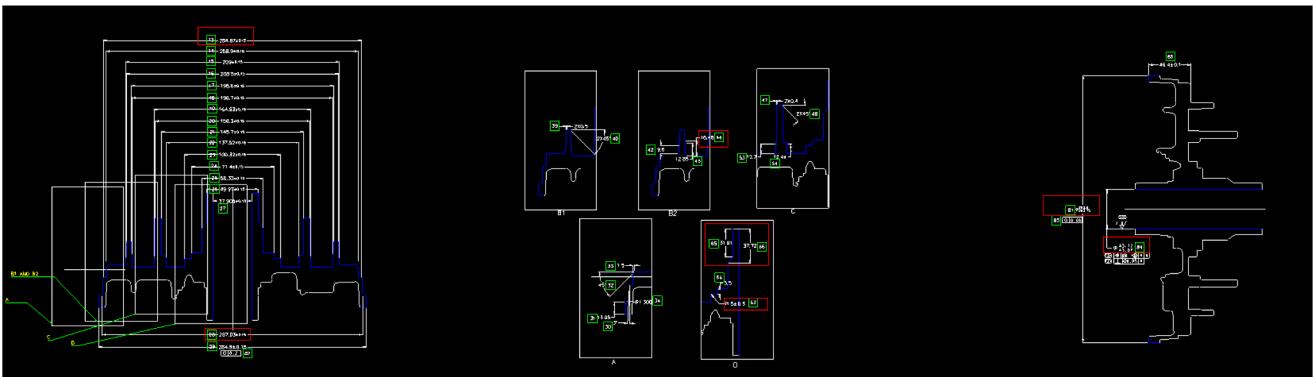
Rapid Prototyping
project for GM/Ford joint
project for their 9-speed
and 10-speed
transmission packages

- Creating CAM Profile
- Process Specification
- Control Plan



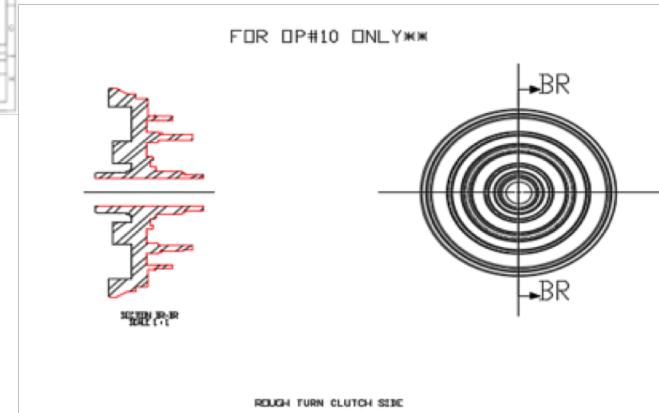
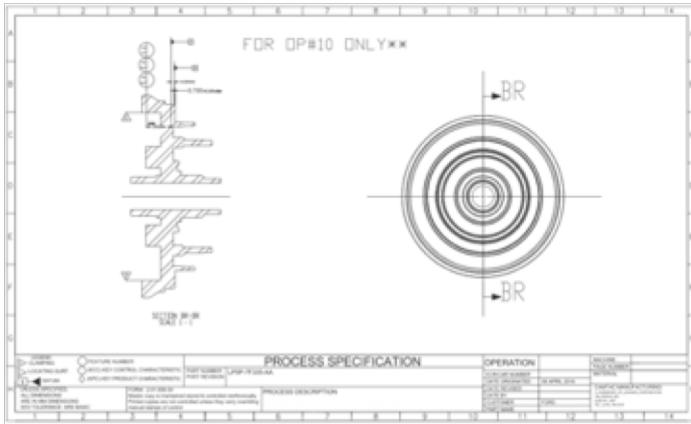
Rapid Prototyping - 9F/10R

Creating CAM Profile



Rapid Prototyping - 9F/10R

Process Specification



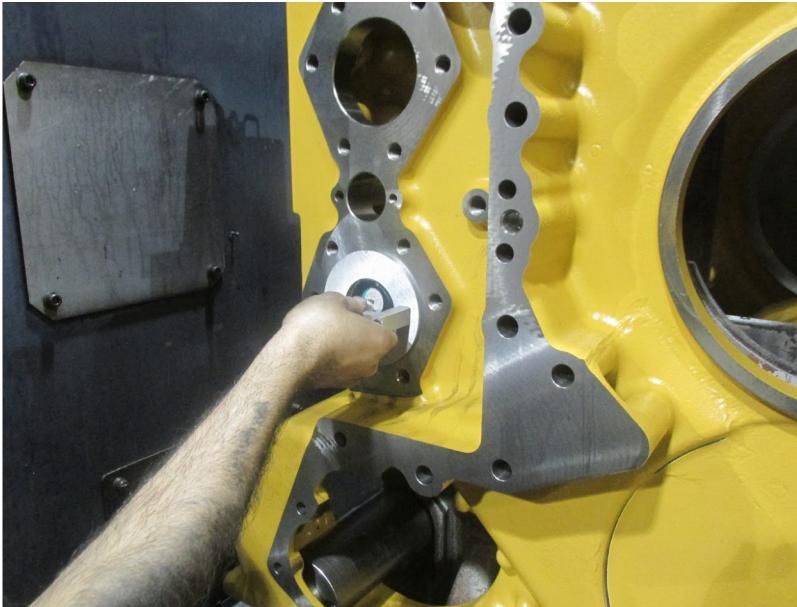
Rapid Prototyping - 9F/10R

Control Plan

CONTROL PLAN										
Project Phase			Test ID		Test Description		Test Type		Test Status	
Phase	Test ID	Description	Start Date	End Date	Requirement No.	Test Type	Test ID	Test Description	Test Status	Test Date
1	T101	Receiving	T101.1	T101.2	Native Chemistry	Other	MRP-PC-0308-00	Supplier Report	On Track	2022-04-01
2	T102	Receiving	T102.1	T102.2	Density	Other	0.8 g/cm³ Minimum	Supplier Report	On Track	2022-04-01
3	T103	Receiving	T103.1	T103.2	Brine and Water Recovery	Other	10000 N minimum	Supplier Report	On Track	2022-04-01
4	T104	Receiving	T104.1	T104.2	T117 Series F Actual Coucer Test - Recovery	EC	7.46±0.05	Capacity Study-Supplier Report	On Track	2022-04-01
5	T105	Receiving	T105.1	T105.2	T117 Series F Actual Coucer Test - Recovery	EC	7.46±0.05	Functional Gauge	On Track	2022-04-01
6	T106	Receiving	T106.1	T106.2	T118 Series F Effective Circulation	EC	(7.46)±0.01	Capacity Study-Supplier Report	On Track	2022-04-01
7	T107	Receiving	T107.1	T107.2	T118 Series F Effective Circulation	EC	(7.46)±0.01	Functional Gauge	On Track	2022-04-01
8	T108	Receiving	T108.1	T108.2	T201 Series E Actual Coucer Test - Recovery	EC	0.780±0.005	Capacity Study-Supplier Report	On Track	2022-04-01
9	T109	Receiving	T109.1	T109.2	T201 Series E Actual Coucer Test - Recovery	EC	0.780±0.005	Functional Gauge	On Track	2022-04-01
10	T110	Receiving	T110.1	T110.2	T201 Series E Effective Circulation	EC	(0.780)±0.005	Capacity Study-Supplier Report	On Track	2022-04-01
11	T111	Receiving	T111.1	T111.2	T201 Series E Effective Circulation	EC	(0.780)±0.005	Functional Gauge	On Track	2022-04-01

Gauge Designs

Bore Guage



Gauge Designs



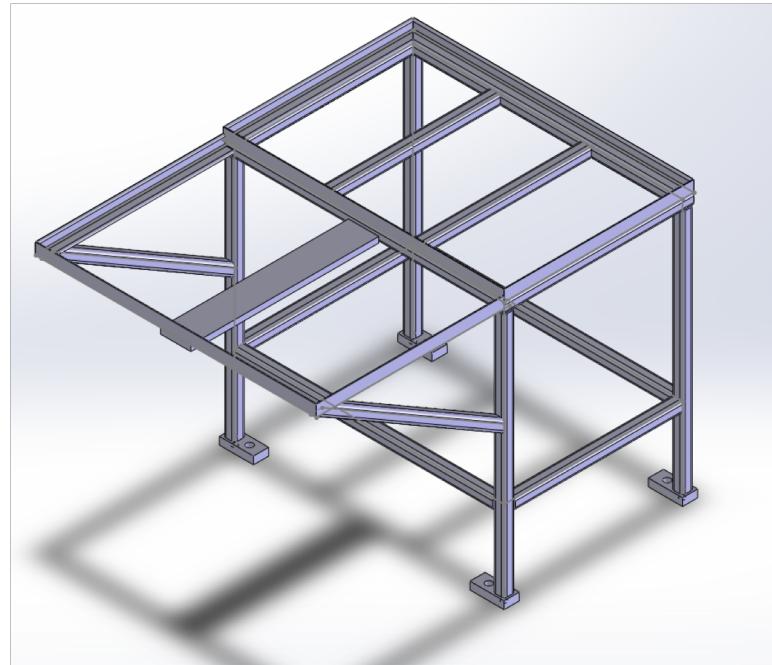
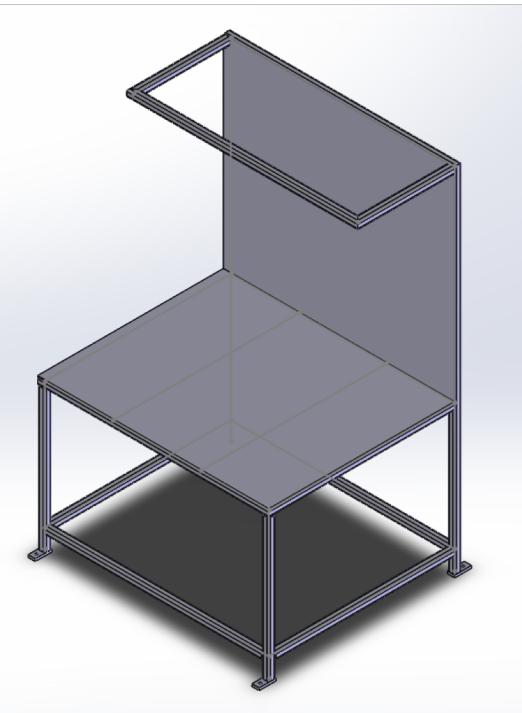
Thread Guage

Gauge Designs

Go/NoGo Gauge



Table Designs



Fixture Designs

