
Linamar

Maharshi Patel

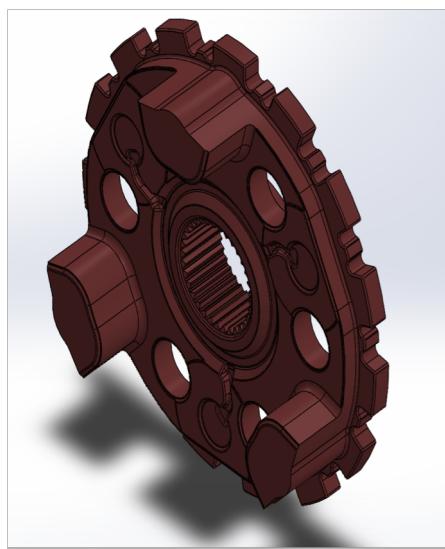
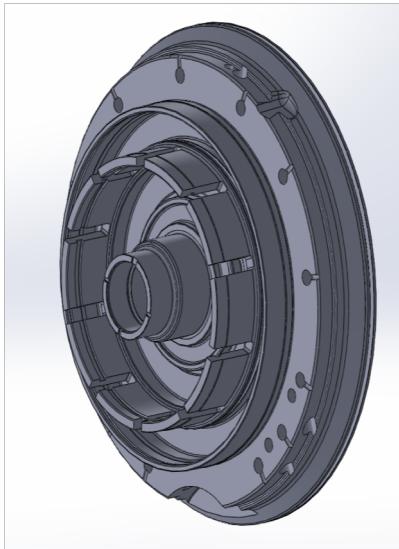
Projects Undertaken

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

Rapid Prototyping - 9F/10R

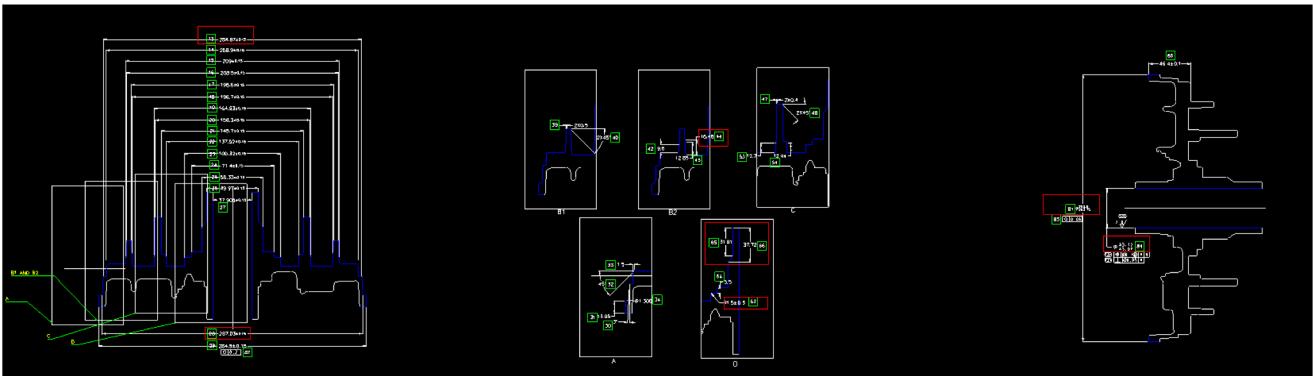
Rapid Prototyping
project for GM/Ford joint
project for their 9-speed
and 10-speed
transmission packages

- Creating CAM Profile
- Process Specification
- Control Plan



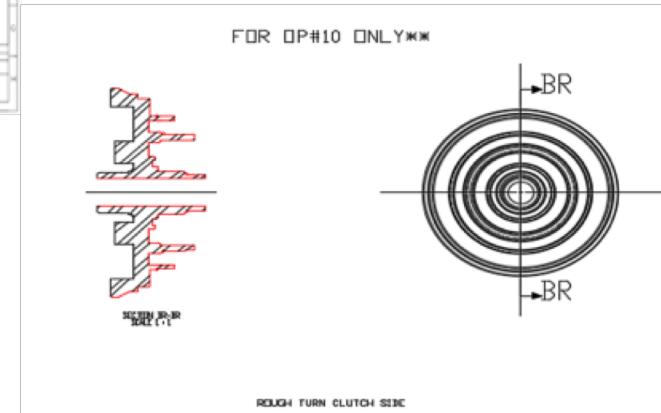
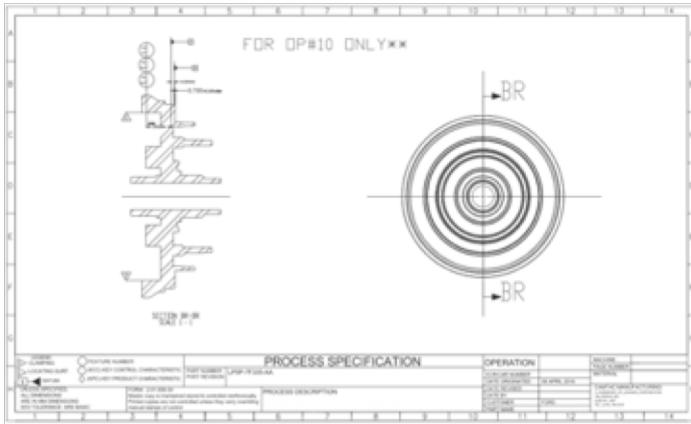
Rapid Prototyping - 9F/10R

Creating CAM Profile



Rapid Prototyping - 9F/10R

Process Specification



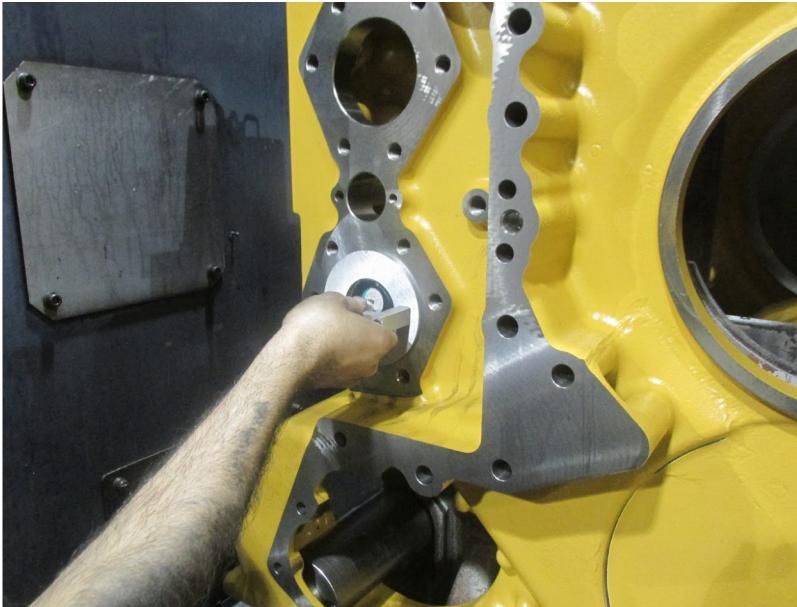
Rapid Prototyping - 9F/10R

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	Material Inventory	Other	MRP-PC-0308-00	Supplier Report	OK	Annual
2	T102	Receiving	T102.1	T102.2	Details	Other	8.8 g/m Minimum	Supplier Report	OK	Per Month
3	T103	Receiving	T103.1	T103.2	Steel Joint	Other	10000 N minimum	Supplier Report	OK	Per Month
4	T104	Receiving	T104.1	T104.2	T117 Series F Actual Coupler Test	EC	7.46±7.95	Capacity Study-Supplier Report	OK	Per Month
5	T105	Receiving	T105.1	T105.2	T117 Series F Actual Coupler Test	EC	7.46±7.95	Functional Gauge	OK	Per Month
6	T106	Receiving	T106.1	T106.2	T117 Series F Effective Coupler Test	EC	(7.46)±0.01	Capacity Study-Supplier Report	OK	Per Month
7	T107	Receiving	T107.1	T107.2	T117 Series F Effective Coupler Test	EC	(7.46)±0.01	Functional Gauge	OK	Per Month
8	T108	Receiving	T108.1	T108.2	T201 Series F Actual Coupler Test	EC	0.780±0.200	Capacity Study-Supplier Report	OK	Per Month
9	T109	Receiving	T109.1	T109.2	T201 Series F Actual Coupler Test	EC	0.780±0.200	Functional Gauge	OK	Per Month
10	T110	Receiving	T110.1	T110.2	T201 Series F Effective Coupler Test	EC	(0.780)±0.200	Capacity Study-Supplier Report	OK	Per Month

Gauge Designs

Bore Guage



Gauge Designs

Thread Guage

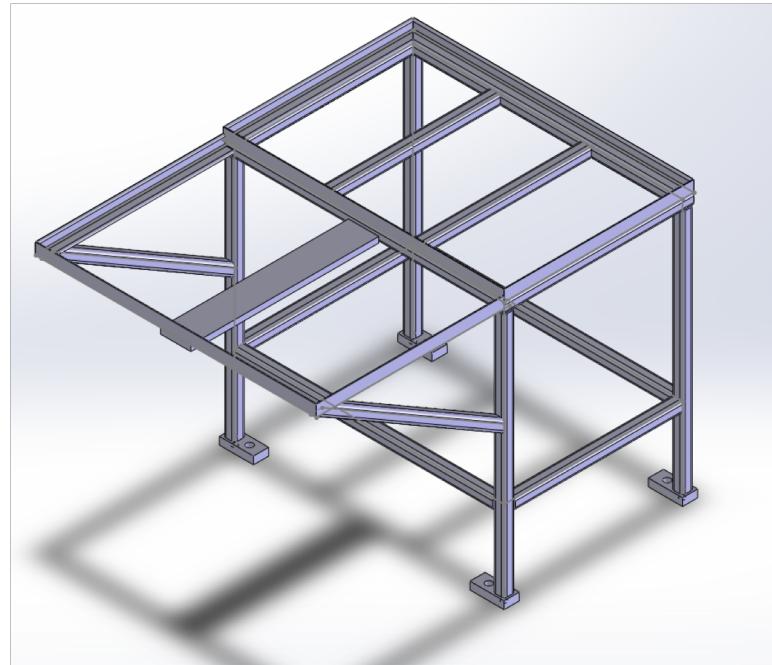
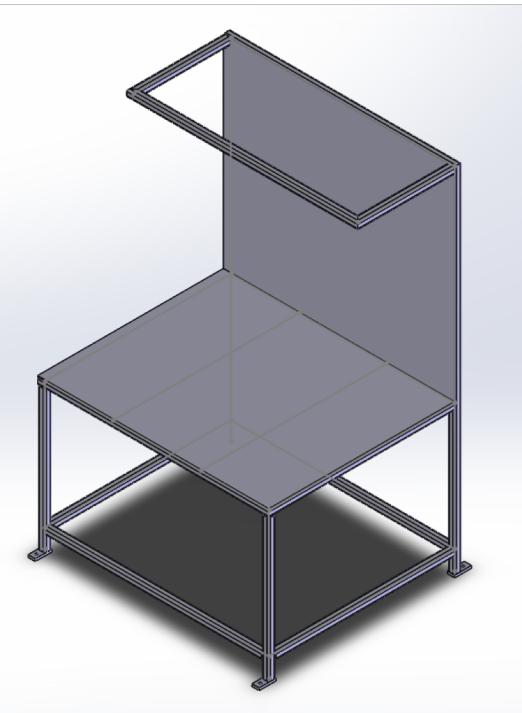


Gauge Designs

Go/NoGo Gauge



Table Designs



Fixture Designs

