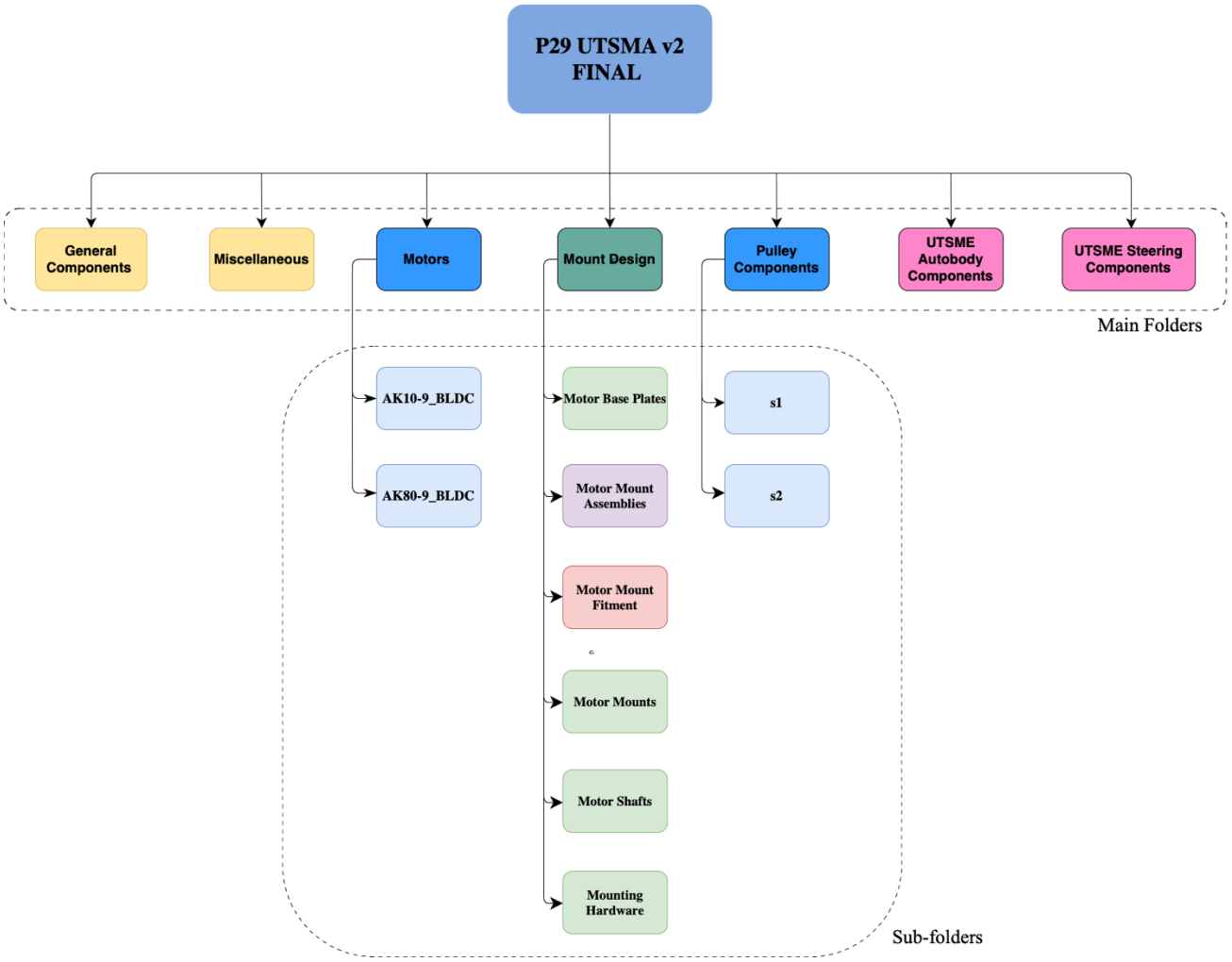
Structure for (43019) P29 UTSMA CAD Files



Reference	Colour	Inherits from…	Description
R01		n/a	Folder with unused parts.
R02		n/a	-
R03		n/a	Subfolder of **R02.**
R04		**R02, R08**	-
R05		n/a	Subfolder of **R04.**
R06		**R03, R05**	Subfolder of **R04.**
R07		**R06, R08**	Subfolder of **R04.**
R08		n/a	Obtained from UTSME files.

Note: The absence of a subfolder under a main folder means the files are stored directly in the main folder.

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How to Navigate?

'P29 UTSMA v2 FINAL' (Project folder)		
Main Folders	Sub-Folders	Description
General Components	n/a	Parts that maybe universal to the design but have not been used during the design process.
Miscellaneous	n/a	Designed components that serve no purpose to the design solution and have not been used.
Motors	AK10-9_BLDC	CAD Models of the motors that are part of the design solutions.
	AK80-9_BLDC	
Mount Design	Motor Base Plates	Contains all design iterations of the motor base plates that were used during the design process.
	Motor Mount Assemblies	Consists of CAD assemblies ready for fitting into the cockpit.
	Motor Mount Fitment	Consists of final assemblies that depict what the chassis (cockpit) would look like, if the design were physically implemented on the car. Refer to "Fitment v6" for the latest model.
	Motor Mounts	Contains all design iterations of the motor mounts that were modelled during the design process.
	Motor Shafts	Contains all design iterations of the motor shafts that were modelled during the design process.
	Mounting Hardware	Consists of all equipment that would require custom manufacturing for mounting the solution into the car.
Pulley Components	s1	CAD models of pulleys and bushings that were proposed as part of solution 1.
	s2	CAD models of pulleys and bushings that were proposed as part of solution 2.
UTSME Autobody Components	n/a	Contains the existing model of the cockpit, alongside the cockpits after they have been modified (cut) to accommodate the design solutions.
UTSME Steering Components	n/a	Contains several components that are part of the existing steering system. These components were included in the Motor Mount Fitments to evaluate as to whether they will be impacted by proposed design solutions.