Dimension Name Product **SCD Type** Type 2
Hierarchy Name MMCPP

Matt Notes

#	Level Name	Estimated Level Cardinality (Estimated # of members per level)	DATT Name	MBR KEY MBR NAME or PROP	Estimated DATT Cardinality (Estimated # of unique values for each DATT)	ASSUMPTIONS	Example DATT Value
1	Make	1+1=2	PROD_Make_KEY	K	2	RRV has had 2 Makes in its history	100000
			PROD_Make	N	2		Packrat
2	Model	1*6+1*4=10	PROD_Model_KEY	K	10	Packrat has 6 models, Behemoth has 4	200000
			PROD_Model	N	10	Models are not shared across Makes	Hydrogen
3	Class	(1*6)*3+(1*4)*3=30	PROD_Class_KEY	K	30	assume each Packrat & Behemoth model have 3 classes	300000
			PROD_Class	N	6	Classes are not shared across Makes	Basic
4	Color	(1*6*3)*6+(1*4*3)*6=180	PROD_Color_Key	K	180	Assume each Class has about 6 colors each.	400000
			PROD_Color	N	6		Red
5	Package	(1*6*3)*54+(1*4*3*6)*54+6*54=10,044	PROD_Package_KEY	K	9,732	Assume 6 optional features available within specific Classes	500000
			PROD_Model_Year	P	9,732	Assume 1964 to 2017 (54 years)	1997
			PROD_Package_Name	N	10,044		1997 Basic Red Sport	Own LVL?
			PROD_Sleeping_Berths	P	7	highest capacity mentioned in notes is 7	4
			PROD_Storage_Capacity	P	10	assume Model driven field?	Lg Storage Capacity
			PROD_Travel_Range	P	30	assume Class driven field?	1,200 (Miles)
			PROD_Weight	P	10,044	could be wildly variable	2 tons
			PROD_Mileage	P	10,044	could be wildly variable	15 MPG
			PROD_Gas_Tank_Size	P	2	Assume Normal & Lg	Lg Gas Tank
			PROD_Onboard_Water	P	5	Assume No, Small, Med, Lg, Huge	Med Onboard Water
			PROD_Water_Capacity	P	2	Assume that Water Capacity is different than Onboard Water	Lg Water Capacity
			PROD_Kitchen	P	3	Assume No, Sm, Full	Sm Kitchen
			PROD_Bathroom	P	3	Assume No, Half, Full	Half Bathroom
			PROD_Furnace	P	4	Assume No, Sm, Med, Lg	Sm Furnace
			PROD_Common_Duct	P	4	Assume that Common Duct is Separate from AC/Furnace	Common Duct AC
			PROD_Heat_Pump	P	2	Assume that Heat Pump is Separate from Furnace	Heat Pump
			PROD_Air_Conditioning	P	4	Assume No, Sm, Lg, Gr	Sm Air Conditioning
			PROD_Sleep_Compartments	P	4	Assume No, 1, 2, 3	2 Slide Out Sleep
			PROD_Tow_Travel_Trailer	P	2	Assume No & Yes	No Tow Trailer
			PROD_House_Batteries	P	2		No House Batteries
			PROD_Electrical_System	P	2		No Green Electrical
			PROD_Solar_Panels	P	4	Assume these 5 Electrical features are Independent	2 Solar Panels
			PROD_Electrical_Hookup	P	3		60 Amp Hookup
			PROD_Onboard_Generator	P	3		Sm Onboard Generator
			PROD_Seats	P	3	Class driven field?	Vinyl Seats
			PROD_Beds	P	3	Class driven field?	Foam Beds
			PROD_Carpet	P	2	Class driven field?	Carpet Incl
			PROD_Wall_Wallpaper	P	2	Class driven field?	Wallpaper Incl
			PROD_Wall_Insulation	P	2	Class driven field?	Insulation Incl
			PROD_Living_Room	P	3	Assume No, Sm, Lg	Sm Living Room Area
			PROD_Dining_Room	P	2	Assume No, Yes	Dining Room Incl
			PROD_Chassis	P	2	Assume Light, Normal	Light Chassis
			PROD_Television	P	2	Assume No, Yes	TV Incl
			PROD_Stereo_System	P	2	Assume No, Yes	No Stereo System
			PROD_Package_MSRP	P	10,044	could be wildly variable	$105,000