Yield Strength (psi)	0	1	0	1	1	0	-1
Hardness (N)	1	0	1	1	0	0	-1
Modulus of Toughness (psi)	1	1	0	1	1	0	-1
Weight (lb)	-1	1	1	0	1	1	-1
Moment of Inertia (in^4)	1	0	1	1	0	-1	-1
Limit of Elasticity (N/m^2)	1	-1	0	0	1	0	-1
Cost ($)	-1	-1	-1	-1	-1	-1	0

Engineering Requirements / Customer Requirements	**Importance**	Yield Strength (psi)	Hardness (N)	Modulus of Toughness (psi)	Weight (lb)	Moment of Inertia (in^4)	Limit of Elasticity (N/m^2)	Cost ($)	Rough Country	Paramount	Icon
EGR Engravement	3			3			1	3	#4	#5	#6
Light Pods	3	1	9	9		1	3	1	4	6	3
License Pod	3	1	9	9		1	3	1	8		
Factory Line Design	9	3	3	3	3	3	1	9	9	9	9
Sensor outlet	3	1	9	9			9	1	2	2	1
Tow Winch	9	9	3	9	9	3	9	3	7	9	7
Maintain Existing Hook Points	3	9	1	3	9	3	9	1	7	6	7
Functionality	9	9	3	9		3	9	9	9.0	7.0	5.0
Resistances	1	3	9	9				1	7.0	9.0	7.0
Durablitliy	9	9		3	1	9	9	3	7.0	7.0	8.0
Reliablility	3	9		9		9	9	3	7.0	8.0	8.0
Inexpensive	3	3	1	3	9			9	3.0	1.0	2.0
Importance Raw score		70	34	69	33	39	68	52			
Relative Percentage Importance		19.1	9.3	18.9	9.0	10.7	18.6	14.4			
Competive Design Assessment	#4					X		X			
	#5	X	X				X				
	#6			X	X						

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