SRT TOMAHAWK VISION GRAN TURISMO
SPECIFICATIONS

GENERAL	Manufacturer	SRT	SRT	SRT
	Car Name	**X**	**GTS-R**	**S**
	Description	Experimental **Technology** Version	**Racing** Version	**Street** Version
	Year	2035 MY	2035 MY	2035 MY
DIMENSION	Overall Length	5040 mm (Aero Retracted)	5040 mm (Aero Retracted)	5040 mm
	Wheelbase	2988 mm	2988 mm	2988 mm
	Curb Weight with Full Air Charge (lbs.)	1,658 lbs.	1,459 lbs.	2,026 lbs.
	Curb Weight with Full Air Charge (kg)	749 kg	663 kg	921 kg
	Kg/HP (Weight Ratio)	0.29	0.46	0.91
DRIVETRAIN	Drivetrain Type	AWD	AWD	AWD
	Transmission	DCT	DCT	DCT
	Gear Ratios 1st	2.29	2.29	2.29
	2nd	1.61	1.61	1.61
	3rd	1.21	1.21	1.21
	4th	1	1	1
	5th	0.82	0.82	0.82
	6th	0.68	0.68	0.68
	7th	0.56	0.56	0.56
	Reverse	2.7	2.7	2.7
	Final Drive	5.13	4.10	4.56

	Type of (limited slip) differential gear	Front	Independently driven	Independently driven	Independently driven
		Rear	Electronically controlled limited slip differential	Electronically controlled limited slip differential	Electronically controlled limited slip differential
		Center	None (front driven pneumatically, rear driven by ICE motor)	None (front driven pneumatically, rear driven by ICE motor)	None (front driven pneumatically, rear driven by ICE motor)
	Type of AWD		Pneumatically driven front wheels	Pneumatically driven front wheels	Pneumatically driven front wheels
ENGINE	Displacement		6,980 cc	6,980 cc	6,980 cc
	Engine Mount Position		Mid Engine Rear	Mid Engine Rear	Mid Engine Rear
	Engine Type		Aluminum and Titanium V-10 (144 Degree)	Aluminum and Titanium V-10 (144 Degree)	Aluminum V-10 (144 Degree)
	Cam Type		Dual Overhead Cam with Pneumatic Valves	Dual Overhead Cam with Pneumatic Valves	Dual Overhead Cam with Pneumatic Valves
	Aspiration		Naturally Aspirated	Naturally Aspirated	Naturally Aspirated
	Max Power		2,168 HP	1,137 HP	792 HP
	Max Torque		1,214 N-m (895 lb-ft)	975 N-m (719 lb-ft)	679 N-m (501 lb-ft)
	Redline		14,500 rpm	9,500 rpm	9,500 rpm
	Total Peak Power with Auxiliary Drive (see below)		2,590 HP	1,450 HP	1,007 HP
	Fuel Tank Capacity		100 liter	100 liter	100 liter
AUXILIARY DRIVE	Type		Pneumatic Energy - Charge, Recovery and Release		
	Description		The pneumatic energy is generated in three ways - 1. Pre-Race full charge 2. Braking re-gen charge via independent power units at each front wheel 3. Engine charge during braking events and as part of the ESC stability control system - During hard corner-exit and launch acceleration, when wheel spin is detected, excess available power is pulled from the engine via a third power unit.		
			The pneumatic energy is released in five significant ways - 1. Front wheel power drive 2. Fast actuation of aerodynamic panels 3. Charging the variable spring rate suspension system 4. Wake modification for low drag, high speed runs on long straights control system - During hard corner-exit and launch acceleration, when wheel spin 5. Pressurization of Driver G-Suit		

	Energy Storage		Two high pressure tanks formed with a filament wound carbon fiber and aramid fiber epoxy matrix. These composite tanks are integral to the structure so as to not drive added weight		
	Peak Power to Front Wheels - Drag Race or LSR Run		422 HP	313 HP	215 HP
	Standard Front Wheel Power Setting for Race		300 HP	200 HP	150 HP
BRAKE	Brake Type	Front	Carbon Matrix	Carbon Matrix	Carbon Matrix
		Rear	Carbon Matrix	Carbon Matrix	Carbon Matrix
SUSPENSION	Suspension Type	Front	Double Wishbone; Pushrod and Cam Actuated; Pneumatic Continuously Variable Springs and active camber adjustment so camber is optimized for each corner as well as straight line stability or ultimate speed		
		Rear	Double Wishbone; Pushrod and Cam Actuated; Pneumatic Continuously Variable Springs and active camber adjustment so camber is optimized for each corner as well as straight line stability or ultimate speed		
TIRE	Tire Size	Front	325/25 R21 Race Soft	325/25 R21 Race Soft	325/25 R21 Sport Medium
		Rear	425/20 R23 Race Soft	425/20 R23 Race Soft	425/20 R23 Sport Medium
WHEEL	Wheel Material		Carbon Fiber - Magnesium Hybrid	Magnesium Alloy	Aluminum Alloy
	Wheel Size	Front	21 X 12.5	21 X 12.5	21 X 12.5
		Rear	23 X 16	23 X 16	23 X 16
OTHER	Top Speed		400 mph (644 kph) with low drag mode activated	In excess of 300 mph (483 kph) with low drag mode activated	In excess of 250 mph (402 kph) with low drag mode activated

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