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June 1, 2015

Pikes Peak EV Challenge Committee

TEAM APEV with MONSTER SPORT 2015 Pikes Peak International Hill Climb Challenge World's first ever 1.1MW (Megawatt) Electric Race Car

To preserve the environment and realize self sustainable society through promotion of electric vehicles, Chairman Soichiro Fukutake of the Association for the Promotion of Electric Vehicles (APEV) formed the 'Pikes Peak EV Challenge Committee' and once again moves forward with the fourth year challenge as "TEAM APEV with MONSTER SPORT" at the Pikes Peak International Hill Climb in Colorado U.S.A. from June 22nd through 28th of 2015.

The Pikes Peak International Hill Climb first started in 1916 is now nearing its 100th anniversary. In the Rocky Mountains of Colorado USA, our project began in 2012 and we have continued to promote the importance of preserving the earth's environment for the future and the popularization of electric vehicles.

The second phase beginning this year is based on accomplishments from the first phase during the period 2012 – 2014. The goal now is to achieve the first overall victory with an electric vehicle at the 2016 PPIHC 100th anniversary race. We begin our new phase this year by introducing a new electric vehicle.

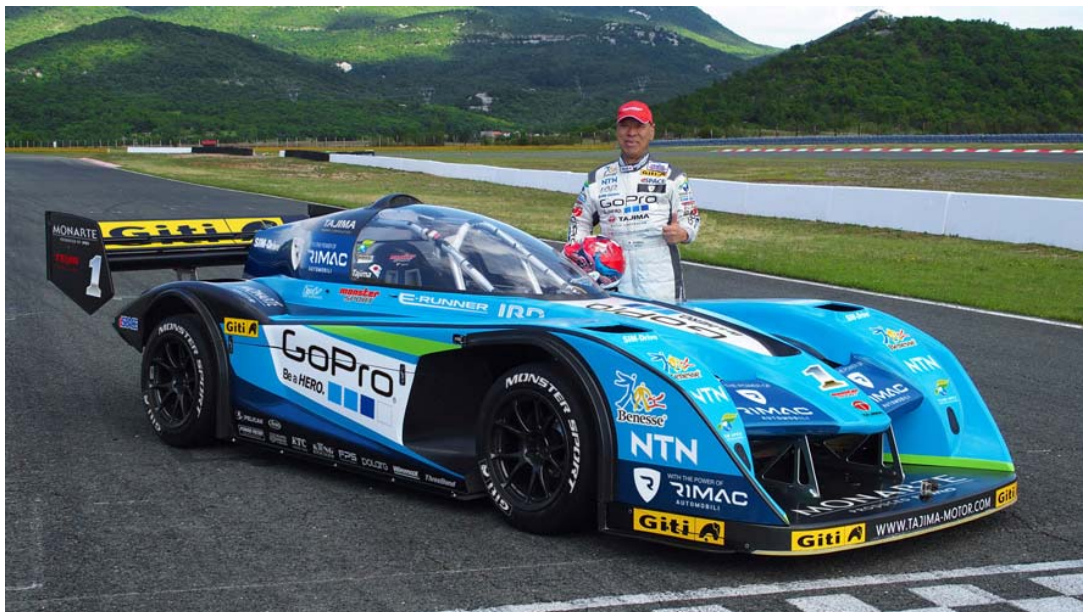
The racing machine for this year; "2015 Tajima Rimac E-Runner Concept_One" is a totally new car with a new chassis and totally new power train. The vehicle was built in cooperation between Tajima Motor Corporation, SIM-Drive and Rimac Automobili (Croatia). With the collaboration of 3 exceptional companies, each possessing superior skills and varying technologies, the world's first ever 1.1MW (Megawatt) electric racing car was born. Our tire supplier and great sponsor is once again Giti Tire (Singapore), and will be providing dedicated tires tuned and developed for the high power output of 1.1MW.

The driver will be APEV Chief Commissioner and Pikes Peak legend Nobuhiro 'MONSTER' Tajima and team operation will be handled by Monster Sport. We wish for your further support and cooperation to the project as we challenge the race and continue our activities related to the promotion of environment preservation and proliferation of electric vehicles.





[Race Vehicle]



2015 Tajima Rimac E-Runner Concept_One

Manufacturer	TAJIMA Motor Corporation
Chassis	Aluminum space frame
Body Panel	Carbon fiber composite
Motor	4 RIMAC motors
Battery	Rimac Automobili Battery Pack 57kWh
Maximum Output/Torque	1100 kW / 1500Nm
Drive System	4WD / Rimac Chain drive single reduction transmission
Drive Control	Rimac Torque Vectoring Control
Drive Shaft	NTN Constant Velocity Joints
Suspension	Front/Rear: Double wishbone
Brake Disc	Front/Rear:φ370mm ventilated + Rimac Regenerative Brake System
Brake Caliper/Pad	Front/Rear: 8 pot calipers / Winmax brake pads
Tire & Wheel	Front/Rear: 340/710-18 Giti Tire, 18 x 13J Mag wheels
Overall L x W x H	L5500 x W1950 x H1300 mm *including aerodynamic devices
Wheelbase	2700mm
Kerb Weight	1500kg
Performance	0-100km/h: 2.2sec / Top Speed 270km/h



[Driver]



Nobuhiro Tajima

Born: June 28, 1950

Origination: Ishikawa Prefecture,
now residing in Tokyo

TAJIMA Motor Corporation, Chairman / CEO
IRD Corporation, Chairman
SIM-Drive Corporation, President / CEO
APEV, Chief Commissioner
Iwata Creation of New Industries Council, Director
JEVRA (Japan EV Race Association), Director
JAF Certified Team 'Monster', Chairman
Fukuroi City Industry-Academia-Government
Collaboration Promotion Consortium, Member

Nobuhiro Tajima Hill Climb Race Record

Pikes Peak International Hill Climb
Colorado, U.S.A.

■1988 Showroom Stock Div. Class 3 rd	---
■1989 Unlimited Division	DNF
■1990 Open Rally Division	DNS
■1991 PP Open Div.	Class 3 rd 12m34s51
■1992 Unlimited Div.	Class Win 12m51s63
■1993 Unlimited Div.	Class Win / Overall 2 nd 10m44s22
■1994 Unlimited Div.	Class 2nd / Overall 5th 10m51s15
■1995 Unlimited Div.	Class Win / Overall Win 7m53s00
	(First Japanese national to win) *Short course
■1996 Unlimited Div.	Class 2nd / Overall 2 nd 10m21s88
■1997 Unlimited Div.	DNF
■1998 Unlimited Div.	Class 2nd / Overall 2nd 10m32s57
■1999 Unlimited Div.	Class 2nd / Overall 2nd 10m37s35
■2000 PP Open Div.	DNF
■2001 Unlimited Div.	DNF
■2006 Unlimited Div.	Class Win / Overall Win 7m38s
	*Short course
■2007 Unlimited Div.	Class Win / Overall Win 10m01s408
	NEW WORLD RECORD
■2008 Unlimited Div.	Class Win / Overall Win 10m18s250
■2009 Unlimited Div.	Class Win / Overall Win 10m15s368
■2010 Unlimited Div.	Class Win / Overall Win 10m11s490
■2011 Unlimited Div.	Class Win / Overall Win 9m51s278
	NEW WORLD RECORD
■2012 Electric Div.	Qualifying 1 st Place Finals: DNF
■2013 Electric Div.	EV Class Win 9m46s530
	EV CLASS WORLD RECORD
■2014 Electric Modified Div	Class 3 rd / Overall 4 th 9m 43s900



[Pikes Peak EV Challenge Committee]

[Challenge Committee Organization]

Association for the Promotion of Electric Vehicles
Tajima Motor Corporation

[Executive Committee]

General Manager: Soichiro Fukutake (APEV, Chairman)
Benesse Holdings Inc., Supreme Advisor

[Executive Committee]

Support Leader: Yasunobu Suzuki (NTN Corporation, Chairman)

Driver: Nobuhiro Tajima (APEV, Chief Commissioner)

Tajima Motor Corporation, Chairman

SIM-Drive Corporation, Chairman / CEO

Kohei Kusaka (APEV, Commissioner)

The University of Tokyo School of Engineering Project Professor

Hiroshi Fujiwara (APEV, Commissioner)

BroadBand Tower, Inc., Chairman / CEO

Takahiro Suzuki (APEV, Commissioner)

Tohoku University New Industry Creation Hatchery Center, Professor

[Executive Office]

Secretariat: Tomoyuki Ishikura (Tajima Motor Corporation)

Ikuko Tanaka (APEV)



[Participating Competition Event]

Event: The 93rd Pikes Peak International Hill Climb

Venue: Colorado Springs, Colorado, U.S.A

Date: **June 22 through 28, 2015**

Race Schedule

June 22 (Mon)	Registration / Vehicle inspection
June 23 (Tue)	Official Practice
June 24 (Wed)	Practice / Qualifying Day 1
June 25 (Thu)	Practice / Qualifying Day 2
June 26 (Fri)	Practice / Qualifying Day 3 / Fan Fest
June 27 (Sat)	Setup / Prep Day
June 28 (Sun)	Finals

Class Entry: Electric Modified Division

Vehicle: Tajima Rimac E-Runner Concept_One (New 2015)

Driver: Nobuhiro 'MONSTER' Tajima



[About the Race]

What is the Pikes Peak International Hill Climb?

Why do we compete in this particular race?

Pikes Peak International Hill Climb, also known as the "Race to the Clouds", which is held on the scenic road of the Pikes Peak mountain in Colorado Springs, US is the most famous hill climbing race event in the world. The competition began in 1916 and gathered competitors from all over the world, and it has become the hill climb event which attracts most people and is now going on its 93rd event this year. It is also the second world's oldest motorsport single series event after the Indy 500 which started in 1911, and one of the top 5 prestigious races in history.

Drivers start at altitudes of 2862m and continue to push their cars to the goal 20km away at 4300m above sea level. The difference in height between the start and the finish line is over 1400 m and higher than Mount Fuji.

The surroundings at the starting point is lively in the woods and many wild animals can be seen. 8km from the starting point, drivers go through wooded areas gradually gaining altitude. Then the road becomes steep, winding along the mountain side and soon enough green trees vanish behind and only plants adapted to highlands crawl on the ground. Altitudes at 4000m near the goal, one could only see brown rocks and rubble. It is as if they are symbolizing the environmental damage of our planet.

The rich history and unique location makes Pikes Peak International Hill Climb an honorable and respectable challenge to participate and to achieve victory.





[TEAM APEV RACE RESULTS]

[2012] The 90th Pikes Peak International Hill Climb

[Race Car] MONSTER SPORT E-RUNNER Pikes Peak Special

[Driver] Nobuhiro Tajima

[Entry Class] Electric

[Result] Qualifying: Class 1st Finals: DNF

[2013] The 91st Pikes Peak International Hill Climb

[Race Car] MONSTER SPORT E-RUNNER Pikes Peak Special

[Driver] Nobuhiro Tajima

[Entry Class] Electric

[Result] Qualifying: Class 3rd Finals: Class 1st (Overall 5th)

Final Time: 9m 46sec 530 Electric Division New Course Record

[2014] The 92nd Pikes Peak International Hill Climb

[Race Car] MONSTER SPORT E-RUNNER Pikes Peak Special

[ドライバー] Nobuhiro Tajima

[Entry Class] Electric Modified

[Result] Qualifying: Class 3rd Finals: Class 3rd (Overall 4th)

Final Time: 9m 43sec 900



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[Official Team website, and more images]

Official Team website

URL: <http://www.apev.jp/teamapev/>

[Contact for further information about this release]

Pikes Peak EV Challenge Committee

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