

RAV4 EV PROTOTYPE – PHASE ZERO



TOYOTA AND TESLA RAV4 EV COLLABORATION

In May 2010, Toyota Motor Corporation announced a collaboration with Tesla Motors to work together on the development of electric vehicles, parts, production systems and engineering support. This relationship would give the companies an opportunity to learn from each other, with Toyota aiming to learn from Tesla's EV technology, daring spirit, quick decision making and flexibility. Tesla would look to Toyota to learn and benefit from Toyota's engineering, manufacturing and production expertise.

The next step in the program came in July 2010 when the two companies jointly announced an agreement to initiate the development of an electric version of the RAV4 as a demonstration vehicle with the intent to bring a RAV4 EV to market in 2012. In November 2010, the RAV4 EV Prototype – Phase Zero debuted at the Los Angeles Auto Show where Toyota announced that it would work with Tesla to convert 31 conventional RAV4s to full electric drive. For this vehicle,

Tesla was responsible for building and supplying the powertrain, including the motor, battery, and other related parts and components that meet Toyota engineering specifications in performance, quality and durability. Toyota was responsible for development and manufacturing leadership and the integration of the powertrain.

In February 2011, Tesla began delivery of the 31 converted demonstration vehicles. The purpose of the demonstration program is to educate the public about electric vehicle technology and to promote the development of electric vehicle charging infrastructure. The technical and cosmetic features on the vehicle are targets for the fully engineered, market-ready RAV4 EV Production – Phase One, planned to debut in the 2012 calendar year. Many aspects of the program are still in the development stage, but continue to visit www.toyota.com/esq for the latest information on this exciting collaboration.