

RAV4 EV: Facts You Should Consider

A very low volume of RAV4-EVs were produced from 1997 – 2003. These vehicles have a significantly different ownership experience than conventional Toyota vehicles regarding the cost and limited availability of parts and service unique to RAV4 EV's.

Service Support

These unique vehicles require highly trained service professionals to provide accurate/swift diagnosis and address the numerous safety concerns when servicing high voltage systems. This specialized service support is limited to a handful of trained professional Toyota technicians at a small number of dealers in the metropolitan areas of California. Obtaining service support and parts supply outside of these metropolitan areas will not be possible.

Batteries

The batteries are NiMh technology and designed to function as long as possible but it is important to know that, like all batteries, they do wear out. At some point in the future, one of the cell packs or the entire battery pack may fail to deliver the mileage or performance that was expected and will require replacement. The Manufacturer's Suggested Retail Price of one of the battery cell packs is approximately \$1,175.00. A complete battery pack replacement is estimated at over \$25,000.00 MSRP. Also, battery cell packs or complete packs may take 6 to 8 weeks, or more, to acquire since they have a short shelf life and are manufactured as the orders are placed.

Other components

The RAV4-EV contains several high technology/high cost components. And, while they are expected to function for the life of the vehicle, similar to all other vehicles, component failures happen due to a variety of factors. If such a component failure should occur outside of warranty coverage it is important to know the impact that may have on the ownership experience. Below is a partial list of those components and the suggested MSRP:

Inverter/Convertor	\$9,262.79
Traction Motor	\$7,908.00
Air Conditioning Compressor (High Voltage Electric)	\$5,579.00
Braking Valve Actuator Control System	\$2,445.12
Brake Master Cylinder with pump	\$851.51
EV Charge Port	\$3,290.73
EV Control Computer	\$2,437.58
Battery Control Computer	\$4,827.00
Relay Assy. SMR Battery	\$1,855.27

The prices for Batteries and Components do not include the labor to install them. The prices listed are Toyota's suggested retail prices. Dealers are free to set their own prices for both parts and labor. Also, due to the low volume and specialized nature, they are not stocked and supplied through the normal Toyota replacement parts supply chain and many are built as the orders are placed. Accordingly, these parts (and many others) may take longer to acquire than parts for conventional Toyota cars and trucks.