

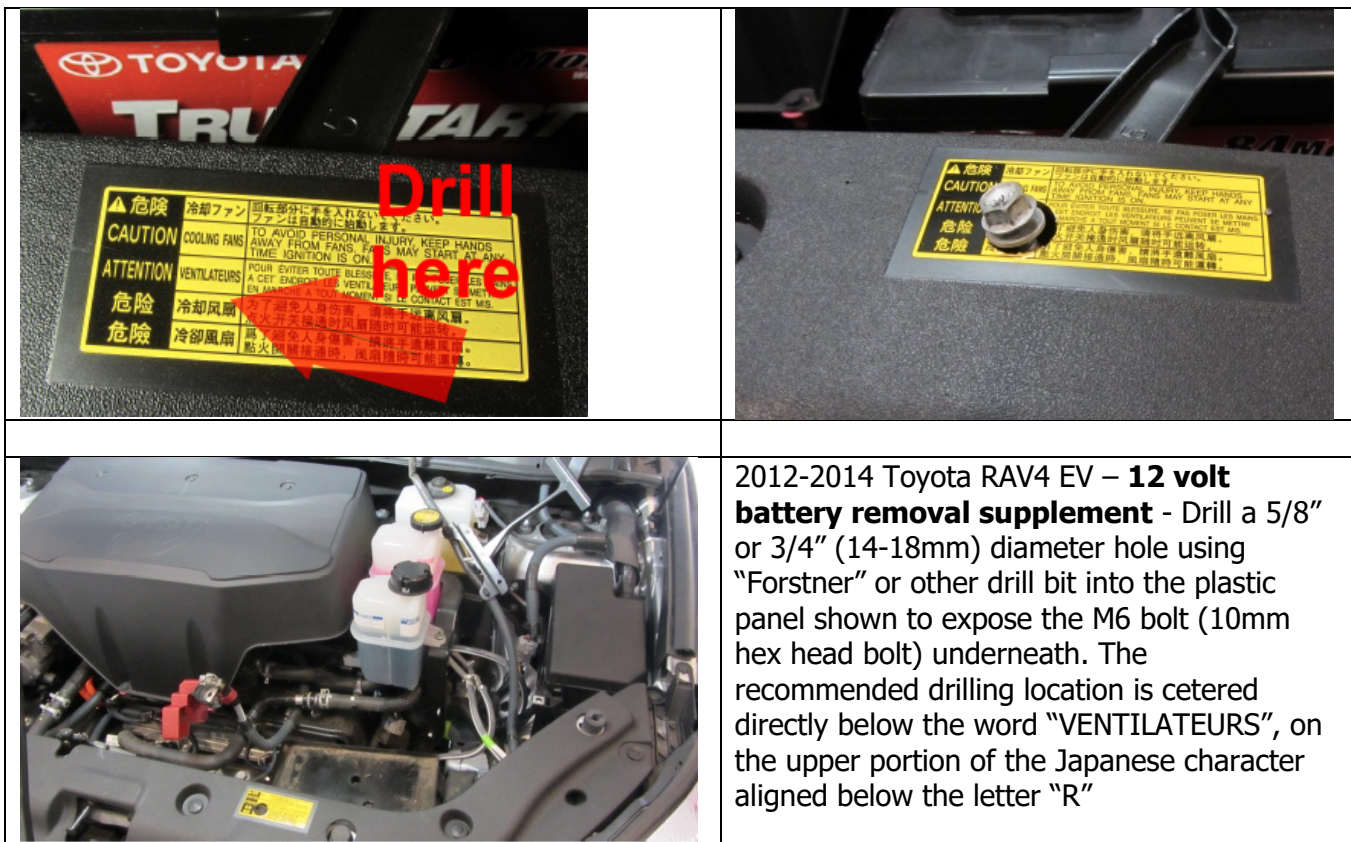


# RAV4 EV 12 Volt Battery

Please buy a new 12 volt battery for your 2012-2014 Toyota RAV4 EV if the battery is more than 2-3 years old, or at ANY TIME THAT YOU SUSPECT THE PERFORMANCE OF THE 12 VOLT BATTERY. Allowing an old battery to get below a certain voltage can trigger error codes (DTCs) that will prevent the car from starting (even with a new battery), and may require a trip to the dealer to reset the DTCs.

In addition, if the car is sitting for more than 2 weeks, we strongly recommend that the 12 volt battery be plugged-in to a trickle charger / battery tender. Unlike some Electric Vehicles, IT IS NOT RECOMMENDED TO LEAVE THE CAR PLUGGED IN to the J1772 plug for extended idle periods. Just leave the High Voltage "traction" battery at 50% charge, where it can be safely stored for up to a year. For storage, your RAV4 EV should always be in a cool, dry place.

To replace the 12 volt battery, you will need a ratchet, 12mm socket, 10mm deep-well socket, and a screw driver to remove the plastic trim. We recommend drilling a hole in the plastic cover to remove one of the bolts, as show in the picture:





# RAV4 EV 12 Volt Battery

We recommend a specific RAV4 EV 12 volt battery (we have these in stock). The wrong battery can cause all kinds of problems! The original or replacement Toyota battery is only 30-35 amp-hours.

Don't be thrifty, because when the battery fails, it can disable the car and require one or more visits to the Toyota dealer to try and clear all the error codes!!!

- 1) AGM (not flooded acid cells like the original)
- 2) Group 24F size, or Group 34F
- 3) 60 amp/hour rating or greater

YES, WE RECOGNIZE THAT THIS IS NOT THE BATTERY or BATTERY SIZE THAT PEP BOYS OR TOYOTA RECOMMENDS !!! INSIST ON THE PHYSICALLY LARGER SIZE BATTERY.

WE DO NOT RECOMMEND ANY LEAD-ACID BATTERY FROM COSTCO, ETC. YES, WE RECOGNIZE THAT THEY MAY BE CHEAPER.

Pep Boys # 838890 - <https://www.pepboys.com/search/?text=838890>

Bosch S6508B S6 or Exide Edge FP-AGM24F battery with the correct specs is \$150-\$180. Units are built by EnerSys.

Autozone also has a competing battery, built by Johnson Controls called Duralast Platinum for about \$200.

Tony Williams