

Subject

# RAV4 EV: EV Charging Station Incompatibility - "Check EV System" Message

Market

USA

Service Category

Engine/Hybrid System

Section

Outline-Engine/Hybrid System

Applicability

2012-2014 RAV EV

## APPLICABLE VEHICLES

2012-2014

RAV4 EV

## CONDITION

Some customers may experience a 'Check EV System' message after attempting to charge their vehicle. No other vehicle operation or performance issues are present.

This may be a result of incompatibility with unapproved EV charging stations.



## RECOMMENDATIONS

Leviton Mfg. is the Toyota-approved supplier for Electric Vehicle Supply Equipment (EVSE), EV charging stations. Leviton's Level 2 (240V) 40A, 30A and 16A Toyota Program models and EVR-green series have been extensively tested and approved for use with the Toyota RAV4.

While there are numerous charging stations offered in the market, **only the Leviton models specified above have been fully approved for use on Toyota vehicles.**

If you suspect the 'Check EV System' message is displayed due to use of an incompatible charging station, clear the message by following the procedure below.

Note: The 'Check EV System' message can be displayed for various reasons. Verify no other DTCs or abnormal conditions are present before utilizing the clearing procedure outlined below.

1. Disconnect the charging station from the vehicle.
2. IG ON (press the "Start" button 2 times with foot OFF the brake pedal).
3. Wait 10 seconds for the system to complete the start-up check to look for existing errors.
4. IG OFF (press the "Start" button 1 time with foot OFF the brake pedal,).
5. Wait 1 second.
6. Repeat steps 2 through 5, four times. The warning message should no longer be displayed.

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**LINK REFERENCES**

This Tech Tip does not contain any link references