

Subject		Market	
2021 RAV4 Prime Special Service Tool Strategy		USA	
Service Category		Section	
Engine/Hybrid System		Hybrid/Battery Control System	
Applicability			
2021 RAV4 Prime			

APPLICABLE VEHICLES

2021	RAV4 Prime
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CONDITION

The all new RAV4 Prime launched in mid-June 2020. An all new high voltage battery was introduced with this model and will require several new SSTs for diagnosis and repair. Some of these tools will be made available via the Toyota Loan Tool Program, while others will be distributed as Essential.

These tools will have limited availability at launch and as a result, an Interim Strategy has been developed to make them available to dealers. This Interim Strategy is listed below in the "Recommendations" section.

Estimated timing for the essential tools to be distributed and the loan tools to be permanently available to dealers is September 2020*. An additional communication will be sent to announce when these tools become available.

**The GRX-5100 cable is estimated to be available in Q4 2020*

The table below lists each of the SSTs needed to diagnose or service the HV battery pack. Additionally, it provides a brief description of the function and service strategy (loan or essential) for each tool.

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RAV4 PHV SSTs

No.	SST Name:	Part Number:	Description:	Service Strategy: (Loan or Essential)
1	HV Battery Diagnostic Cable	09893-42030	Extension cable for low voltage diagnostics when the HV battery has been separated from the vehicle	Loan*
2	HV Battery Pack Leak Check Tool	09893-10010	Pump and gauge used to apply positive pressure to HV battery case to check for pressure leaks <i>Used in conjunction with Leak Check Caps (09893-42020)</i>	Loan*
3	HV Battery Pack Leak Check Caps	09893-42020	Caps to seal off the HV battery connector ports when checking for pressure leaks <i>Used in conjunction with Leak Check Tool (09893-42010)</i>	Loan*
4	HV Battery Pack A/C Leak Check Adapter High	09893-10060	Adapters to check A/C refrigerant passages in HV battery on the high side <i>Used in conjunction with A/C Leak Check Adapter Low (09893-10070)</i>	Essential
5	HV Battery Pack A/C Leak Check Adapter Low	09893-10070	Adapters to check A/C refrigerant passages in HV battery on the low side <i>Used in conjunction with A/C Leak Check Adapter High (09893-10060)</i>	Essential
6	Battery Hangers	09893-42010	Bolt or Eyelet to maneuver HV battery pack assembly when it is being moved from the packaging or lift table	Essential
7	GRX-5100 Cables	TBD	Cables and hardware used to connect HV battery to GRX-5100 for high voltage charging and discharging	Essential

**When an order is placed for the RAV4 Prime "Loan" SSTs, all three of the tools will be sent together as a kit.*

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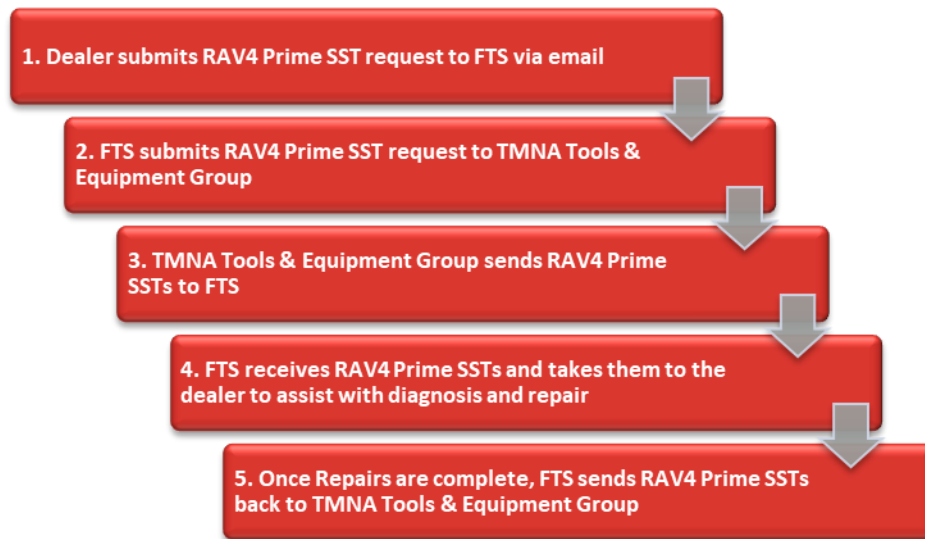
Applicability

RECOMMENDATIONS

Interim SST Loan Process:

TMNA will have one complete set of the SSTs listed above. This set of SSTs can be provided on a temporary basis in the unlikely event they are needed for HV battery pack service. The process for receiving these tools is outlined below:

Interim RAV4 Prime SST Request Process



Your FTS must submit the request for these tools and be present during any repair that involves these SSTs. Once the repairs have been completed, the tools will be sent back to TMNA.

If you have questions about these SSTs or this process, please contact the Tools and Equipment Group using the contact information in the table below or contact your FTS.

TMNA Tools and Equipment Contact Info:

Email:	tools-equipment@toyota.com
Phone Number:	(469) 292-5000

LINK REFERENCES

This Tech Tip does not contain any link references