

MIL ON With DTC(s) P1C8449 and/or P300449 in Freezing Temperatures

Service Category Vehicle Interior

Market USA and Mexico

Section Meter/Gauge/Display

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2019 - 2022	Avalon HV	
2018 - 2023	Camry HV	
2022	Corolla HV	
2023	Crown, Sequoia HV	
2020 - 2023	Highlander HV	
2021 - 2023	Mirai, Sienna HV, Venza HV	
2017 - 2022	Prius Prime	
2016 - 2022	Prius	
2019 - 2023	RAV4 HV	
2021 - 2022	RAV4 Prime	
2022 - 2023	Tundra HV	

Introduction

Some 2016 – 2023 model year Toyota vehicles may exhibit a hybrid system warning lamp occurring in below-freezing temperatures (below 32°F or 0°C). After performing a Health Check, one or both of the following Diagnostic Trouble Codes (DTCs) may be present:

- P1C8449 – (High Voltage Power Resource Circuit Short during Ready ON)
- P300449 – (High Voltage Power Resource Circuit Short during Pre-Charge)

Follow the Repair Procedure in this bulletin to address this condition.

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Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	DRIVETRAIN	BATTERY TYPE	PRODUCTION CHANGE EFFECTIVE VIN
Avalon HV	TMMK	2WD	Li-ion	4T1AA1AB#NU015644
				4T1EA1AB#NU015935
				4T1#A1AB#NU015937
Camry HV	TMMK (line 1)			4T1#31AK#PU059520
	TMMK (Line 2)			4T1#31AK#PU619648
	TMMK	2WD	Ni-MH	4T1B21HK#PU020276
Corolla HV	Takaoka	2WD	Li-ion	JTDEAMDE8NJ040666
				JTDBARDE2NJ040680
				JTDBAMDE1NJ040690
Crown	Tsutsumi	AWD	Ni-MH	JTDAAAAF#P3002952
				JTDAFAAF#P3001216
Highlander HV	TMMI (Line 1)	2WD	Ni-MH	5TD#ARAH#PS021955
		AWD		5TD#BRCH#PS130283
	TMMI (Line 2)	2WD		5TD#ARAH#PS527352
		AWD		5TD#BRCH#PS593492
Mirai	Motomachi	2WD	Li-ion	JTDAAAAA#PA310008
Prius	Tsutsumi			JTDKA#FU#N3167037
		AWD	Ni-MH	JTDL9#FU#N3035266
Prius Prime		2WD	Li-ion	JTDKA#FP#N3208831

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Production Change Information (continued)

MODEL	PLANT	DRIVETRAIN	BATTERY TYPE	PRODUCTION CHANGE EFFECTIVE VIN
RAV4 HV	TMMK	AWD	Ni-MH	4T3#WRFV#PU101497
			Li-ion	4T3#6RFV#PU130419
	TMMC		Ni-MH	2T3#WRFV#PW169155
				JTMRWRFV6PJ056266
	Takaoka		Li-ion	JTMD6RFV4PJ026838
				JTMB6RFV1PJ026836
				JTME6RFV3PJ026625
				JTM16RFV2PJ026842
	TICO (Line 26)		Ni-MH	JTMRWRFV5PD573895
				JTMLWRFV0PD573891
				JTMMWRFV0PD573930
			Li-ion	JTMD6RFV1PD540659
				JTMB6RFVXPD540635
				JTME6RFV8PD540632
	JTM16RFV0PD540638			
	TICO (Line 27)		Ni-MH	JTMRWRFV6PD176888
				JTMLWRFV8PD177112
				JTMMWRFV1PD176971
			Li-ion	JTMD6RFV3PD089458
				JTMB6RFV9PD089343
				JTM16RFV0PD089324
JTMCB3FV2ND080784				
JTMAB3FV6ND080620				
JTMEB3FV3ND080625				
JTMFB3FV0ND083258				
RAV4 Prime	TICO		JTMGB3FV9ND080654	
			JTMGB3FV1ND083273	

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Production Change Information (continued)

MODEL	PLANT	DRIVETRAIN	BATTERY TYPE	PRODUCTION CHANGE EFFECTIVE VIN
Sequoia HV	TMMTX	2WD	Ni-MH	7SVAAAAA#PX002136
		4WD		7SVAAABA#PX016087
Sienna HV	TMMI	2WD		5TD#RKEC#PS164578
		AWD		5TD#SKFC#PS092709
Tundra HV	TMMTX	2WD		5TF#C5AB#PX002697
				5TF#C5BC#PX001180
		4WD		5TF#C5DB#PX034074
				5TF#C5EC#PX003943
Venza HV	Takaoka	AWD	Li-ion	JTEAAAAH4PJ126924
				JTEAAAAH5PJ126866
				JTEAAAAH6PJ126861
				JTEAAAAH5PJ127144
				JTEAAAAH0PJ126905
				JTEAAAAH1PJ126993

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Warranty Information

For USA Market

OP CODE	DESCRIPTION	MODEL	TIME	OFP	T1	T2
EL2309	R & R Hybrid Vehicle Relay Assembly	Avalon Hybrid	0.9	G92Z0-####*	8A	02
		Camry Hybrid	0.9			
		Corolla Hybrid	1.0			
		Mirai	3.1			
		Prius	1.5			
		Prius Prime	2.0			
		RAV4 Hybrid w/ VDS #6RFV	0.8			
		RAV4 Hybrid w/ VDS #WRFV	1.0			
		Venza Hybrid	0.8			

*Warranty claim MUST be submitted with the correct 10-digit OFP. Choose the correct OFP for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.
- For 2018 – 2019 model year Camry Hybrid vehicles equipped with a California Certified Emission Control System that are registered and operated in California or any state that adopts California emission warranty — California Emission Short-Term Defect Warranty is in effect for 3 years or 50,000 miles from the vehicle's in-service date, whichever occurs first. (Please reference Policy 4.7, and/or the Owner's Warranty & Maintenance Guide for additional information)
- For 2019 – 2022 model year Avalon Hybrid, 2020 – 2023 model year Camry Hybrid, 2022 model year Corolla Hybrid, 2019 – 2023 model year RAV4 Hybrid, and 2021 – 2023 model year Venza Hybrid vehicles equipped with a California Certified Emission Control System that are registered and operated in California or any state that adopts California emission warranty — California Emission Long-Term Defect Warranty is in effect for 7 years or 70,000 miles from the vehicle's in-service date, whichever occurs first. (Please reference Policy 4.7, and/or the Owner's Warranty & Maintenance Guide for additional information)
- For 2016 – 2017 model year Prius and 2017 – 2022 model year Prius Prime vehicles equipped with a California Certified Emission Control System that are registered and operated in California or any state that adopts California emission warranty — Partial Zero Emission Vehicle (PZEV) Emission Warranty Coverage is in effect for 15 years or 150,000 miles, from the vehicle's in-service date, whichever occurs first. (Please reference Warranty Policy Bulletin POL14-09, Warranty Policy 4.7, and/or the Owner's Warranty & Maintenance Guide for additional information)

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Warranty Information (continued)

For USA Market (continued)

OP CODE	DESCRIPTION	MODEL	TIME	OFF	T1	T2
EL2311	R & R Hybrid Vehicle Relay Assembly	Crown w/ VDS AAAAF	1.0	G3850-***** G3860-*****	8A	02
		Crown w/ VDS AFAAF	1.1			
		Highlander Hybrid	1.0			
		RAV4 Prime	3.5			
		Sequoia Hybrid	2.5			
		Sienna Hybrid	1.4			
		Tundra Hybrid	1.4			

*Warranty claim MUST be submitted with the correct 10-digit OFF. Choose the correct OFF for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 60 months or 60,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.
- 2020 – 2023 model year Highlander HV, 2023 model year Sequoia HV, and 2022 – 2023 model year Tundra HV vehicles equipped with a California Certified Emission Control System that are registered and operated in California or any state that adopts California emission warranty — California Emission Long-Term Defect Warranty is in effect for 7 years or 70,000 miles from the vehicle's in-service date, whichever occurs first. (Please reference Policy 4.7, and/or the Owner's Warranty & Maintenance Guide for additional information)
- For 2021 – 2022 model year RAV4 Prime* vehicles equipped with a California Certified Emission Control System that are registered and operated in California or any state that adopts California emission warranty — Partial Zero Emission Vehicle (PZEV) Emission Warranty Coverage is in effect for 15 years or 150,000 miles, from the vehicle's in-service date, whichever occurs first. (Please reference Warranty Policy Bulletin POL14-09, Warranty Policy 4.7, and/or the Owner's Warranty & Maintenance Guide for additional information)

*For 2021 – 2022 RAV4 Prime, PZEV coverage only applies if the MIL is illuminated.

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Warranty Information (continued)

For Mexico Market

OP CODE	DESCRIPTION	MODEL	TIME	OFP	T1	T2
EL2309	R & R Hybrid Vehicle Relay Assembly	Avalon Hybrid	0.9	G92Z0-*****	8A	02
		Camry Hybrid	0.9			
		Corolla Hybrid	1.0			
		Mirai	3.1			
		Prius	1.5			
		Prius Prime	2.0			
		RAV4 Hybrid w/ VDS #6RFV	0.8			
		RAV4 Hybrid w/ VDS #WRFV	1.0			
		Venza Hybrid	0.8			
EL2311	R & R Hybrid Vehicle Relay Assembly	Crown w/ VDS AAAAF	1.0	G3850-***** G3860-*****	8A	02
		Crown w/ VDS AFAAF	1.1			
		Highlander Hybrid	1.0			
		RAV4 Prime	3.5			
		Sequoia Hybrid	2.5			
		Sienna Hybrid	1.4			
		Tundra Hybrid	1.4			

*Warranty claim MUST be submitted with the correct 10-digit OFP. Choose the correct OFP for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 60,000 kilometers, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

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Parts Information

For USA and Mexico Markets

PART NUMBER	PART NAME	QTY
G92Z0-33041 – G92Z0-47100	Block Assy, HV Battery Junction	1
G92Z0-33051 – G92Z0-47110		1
G3850-48010	Box Assy, Traction Battery Device, No. 1	1
G3860-42010	Box Assy, Traction Battery Device, No. 2	1
G92Z0-47050	Block Assy, HV Battery Junction	1

MIL ON With DTC(s) P1C8449 and/or P300449 in Freezing Temperatures

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Battery Diagnostic Tool*	DCA-8000P T	1
Insulated Glove Set, Rubber With Leather Protectors*	01413-00072 (Medium)	
	01413-00073 (Large)	
	01413-00074 (Extra Large)	

*Essential SST.

CAUTION

ALWAYS inspect the insulated gloves before use for cracks, ruptures, tears, pinholes, or damage. Do NOT wear if damaged.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVI*	ADE	TSADVUNIT	1
Techstream 2.0		TS2UNIT	
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

*Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- GTS+ software version 2023.03.002.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787 (USA) or 01-55-50103041 (Mexico).
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

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Repair Procedure

1. Confirm the condition exists.

Does the vehicle exhibit a hybrid system warning lamp in below-freezing temperatures (below 32°F or 0°C) with DTC(s) P1C8449 and/or DTC P300449 present?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Is the VIN BEFORE the one listed in the Production Change Information table?

- **YES** — Continue to step 3.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

3. Refer to the appropriate Repair Manual to gain access to the HV battery junction block/traction battery device.

Refer to TIS, applicable model and model year Repair Manual:

- [2019 – 2020](#) Avalon HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2021](#) / [2022](#) Avalon HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Removal”
- [2018 – 2020](#) / [2021 – 2023](#) Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2018 – 2020](#) / [2021 – 2023](#) Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Removal”
- [2022](#) Corolla HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2022](#) Corolla HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Removal”

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Repair Procedure (continued)

- [2023](#) Crown:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for A25A-FXS): Removal”
- [2023](#) Crown:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for T24A-FTS): Removal”
- [2020 – 2023](#) Highlander HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV°Relay Assembly: Removal”
- [2021](#) / [2022](#) / [2023](#) Mirai:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV°Relay Assembly: Removal”
- [2016 – 2018](#) / [2019 – 2020](#) / [2021 – 2022](#) Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2016 – 2018](#) / [2019 – 2020](#) / [2021 – 2022](#) Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Removal”
- [2017 – 2019](#) / [2020](#) / [2021 – 2022](#) Prius Prime:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Removal”
- [2019 \(11/2018 – 02/2019\)](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2019 \(02/2019 – 10/2019\)](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2020 \(10/2019 – 06/2020\)](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2020 \(06/2020 – 08/2020\)](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2021](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”

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Repair Procedure (continued)

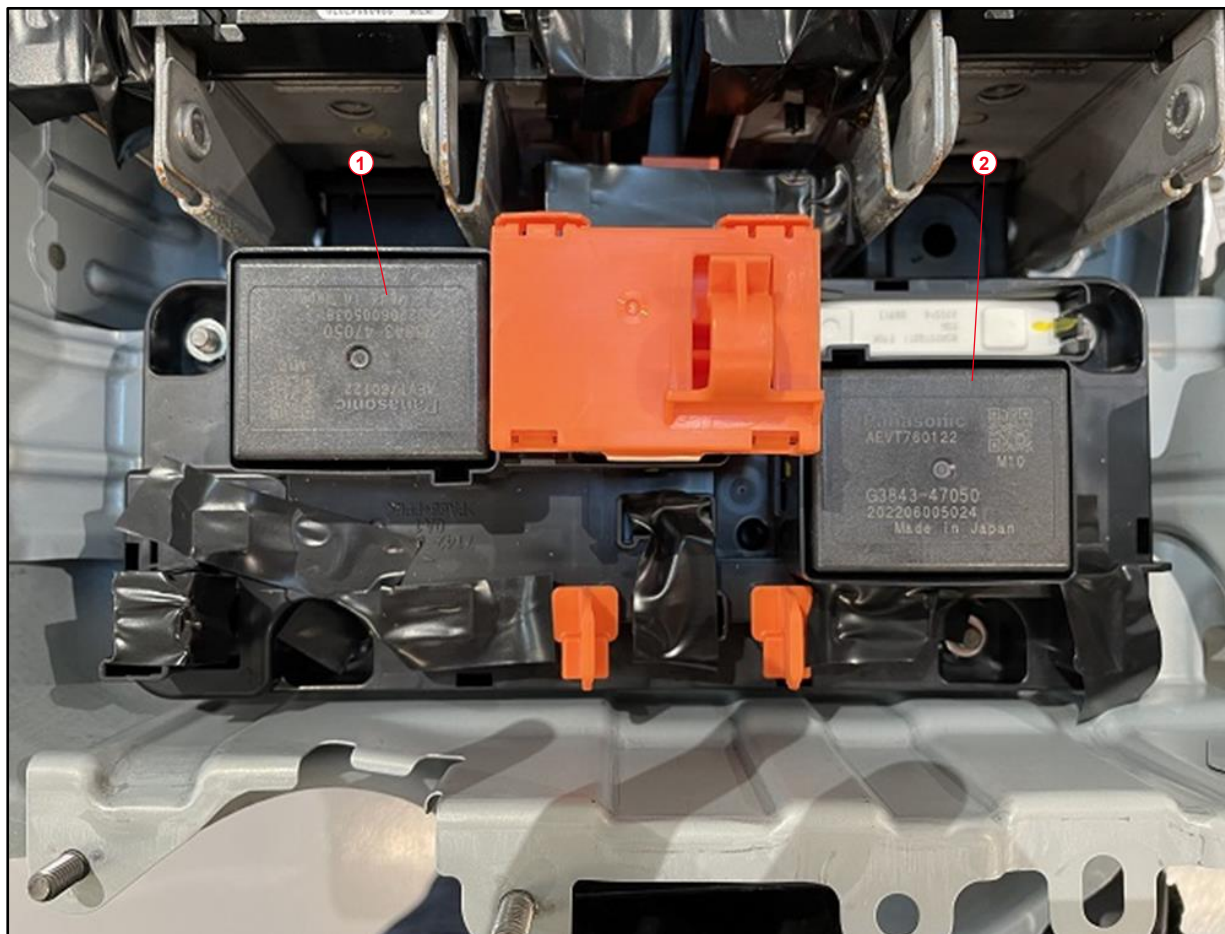
- [2022](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2023](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Removal”
- [2020 \(06/2020 – 08/2020\)](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Removal”
- [2021](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Removal”
- [2022](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Removal”
- [2023](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Removal”
- [2021](#) / [2022](#) RAV4 Prime:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Removal”
- [2023](#) Sequoia HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Removal”
- [2021 – 2023](#) Sienna HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Removal”
- [2022 – 2023](#) Tundra HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Removal”
- [2021 – 2022](#) / [2023](#) Venza HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Removal”

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Repair Procedure (continued)

4. Perform an inspection of the SMRB and SMRG internal relays.

Figure 1. Example of an HV Battery Junction Block (SMR)



1	SMRB Relay
2	SMRG Relay

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Repair Procedure (continued)

A. Are the relays labeled Panasonic?

See Figure 2 for an example of a relay labeled Panasonic.

- **YES** — Inspect the relay date code for the countermeasure date and go to step 5.
- **NO** — Continue to substep B.

Figure 2. Example of a Panasonic Relay



Panasonic Relay Date Code:
YYYYMM # # # # #
 The countermeasure date for the
 Panasonic relay is **July 2021**.

MONTH	CODE
Jan.	01
Feb	02
Mar	03
Apr	04
May	05
Jun	06
Jul	07
Aug	08
Sep	09
Oct	10
Nov	11
Dec	12

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Repair Procedure (continued)

B. Are the relays labeled Denso?

See Figure 3 for an example of a relay labeled Denso.

- **YES** — Inspect the relay date code for the countermeasure date and continue to step 5.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

Figure 3. Example of a Denso Relay



Denso Relay Date Code: **MMYYDD**
The countermeasure date for the Denso relay is **December 23, 2022**.

MONTH	CODE
Jan.	01
Feb	02
Mar	03
Apr	04
May	05
Jun	06
Jul	07
Aug	08
Sep	09
Oct	10
Nov	11
Dec	12

YEAR	CODE
2018	B
2019	C
2020	D
2021	E
2022	F
2023	G

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Repair Procedure (continued)

5. Were the relays produced BEFORE the countermeasure date listed in step 4?

- **YES** — Continue to step 6.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

6. Install the NEW HV battery junction block/traction battery device.

Refer to TIS, applicable model and model year Repair Manual:

- [2019 – 2020](#) Avalon HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Installation”
- [2021 – 2022](#) Avalon HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Installation”
- [2018 – 2023](#) Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Installation”
- [2018 – 2023](#) Camry HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Installation”
- [2022](#) Corolla HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Installation”
- [2022](#) Corolla HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Installation”
- [2023](#) Crown:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for A25A-FXS): Installation”
- [2023](#) Crown:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for T24A-FTS): Installation”
- [2020 – 2023](#) Highlander HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV°Relay Assembly: Installation”
- [2021 – 2023](#) Mirai:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV°Relay Assembly: Installation”

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Repair Procedure (continued)

- [2016 – 2018](#) / [2019 – 2022](#) Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Installation”
- [2016 – 2022](#) Prius:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Installation”
- [2017 – 2019](#) / [2020](#) / [2021 – 2022](#) Prius Prime:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Installation”
- [2019 – 2023](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Nickel Metal Hydride Battery): Installation”
- [2020 – 2023](#) RAV4 HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly (for Lithium-ion Battery): Installation”
- [2021 – 2022](#) RAV4 Prime:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Installation”
- [2023](#) Sequoia HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Installation”
- [2021 – 2023](#) Sienna HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Installation”
- [2022 – 2023](#) Tundra HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Installation”
- [2021 – 2023](#) Venza HV:
Engine/Hybrid System – Hybrid/Battery Control System – “Hybrid / Battery Control: HV Relay Assembly: Installation”

7. Clear ANY DTCs and test-drive the vehicle to confirm the condition is no longer present.