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| Last Modified: 12-04-2024 | 6.11:8.1.0 | Doc ID: RM1000000291ZI |
| Model Year Start: 2023 | Model: Prius Prime | Prod Date Range: [12/2022 -] |
| Title: AUDIO / VIDEO: AUDIO AND VISUAL SYSTEM: B155196,B158D87,B15A096,B15AD96,B15B396,B15B796,B15BA96; HD-RADIO Tuner Component Internal Failure; 2023 - 2024 MY Prius Prius Prime [12/2022 -] | | |

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| DTC | B155196 | HD-RADIO Tuner Component Internal Failure |
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| DTC | B158D87 | Video Signal Stoppage Missing Message |
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| DTC | B15A096 | LAN Master Component Internal Failure |
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| DTC | B15AD96 | Navigation Processor Component Internal Failure |
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| DTC | B15B396 | Radio Tuner Component Internal Failure |
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| DTC | B15B796 | Bluetooth Module Component Internal Failure |
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| DTC | B15BA96 | XM Tuner Component Internal Failure |
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DESCRIPTION

These DTCs are stored when a malfunction occurs in the radio and display receiver assembly.

| DTC NO. | DETECTION ITEM | DTC DETECTION CONDITION | TROUBLE AREA | DTC OUTPUT FROM | PRIORITY |
|---------|---|--|-------------------------------------|-------------------|----------|
| B155196 | HD-RADIO Tuner Component Internal Failure | <p>When any of the following conditions is met:</p> <p>(2 trip detection logic)</p> <ul style="list-style-type: none"> "HD radio" tuner decoder malfunction "HD radio" tuner audio output malfunction RF module malfunction | Radio and display receiver assembly | Navigation System | A |

| DTC NO. | DETECTION ITEM | DTC DETECTION CONDITION | TROUBLE AREA | DTC OUTPUT FROM | PRIORITY |
|---------|---|--|-------------------------------------|-------------------|----------|
| B158D87 | Video Signal Stoppage Missing Message | A component internal image signal communication malfunction is detected (2 trip detection logic) | Radio and display receiver assembly | Navigation System | A |
| B15A096 | LAN Master Component Internal Failure | When any of the following conditions is met: (2 trip detection logic) <ul style="list-style-type: none"> • Bus malfunction • Internal power source malfunction • Internal hardware malfunction • DSP malfunction • EEPROM malfunction • Storage malfunction | Radio and display receiver assembly | Navigation System | A |
| B15AD96 | Navigation Processor Component Internal Failure | When any of the following conditions is met: (2 trip detection logic) <ul style="list-style-type: none"> • Gyro sensor malfunction • GNSS receiver malfunction • G sensor malfunction | Radio and display receiver assembly | Navigation System | A |
| B15B396 | Radio Tuner Component Internal Failure | A radio tuner internal communication malfunction is detected (2 trip detection logic) | Radio and display receiver assembly | Navigation System | A |
| B15B796 | Bluetooth Module Component Internal Failure | A "Bluetooth" module internal malfunction is detected (2 trip detection logic) | Radio and display receiver assembly | Navigation System | A |
| B15BA96 | XM Tuner Component Internal Failure | When any of the following conditions is met: (2 trip detection logic) <ul style="list-style-type: none"> • PLL tuning not possible • CDEC communication error • SSDEC communication error • SSDEC not responding • NVM error • CAP error | Radio and display receiver assembly | Navigation System | A |

CAUTION / NOTICE / HINT

NOTICE:

Depending on the parts that are replaced during vehicle inspection or maintenance, performing initialization, registration or calibration may be needed.

Click here 

PROCEDURE

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| 1. | CLEAR DTC |
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(a) Clear the DTCs.

Body Electrical > Navigation System > Clear DTCs

NEXT



| | |
|-----------|------------------|
| 2. | CHECK DTC |
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Pre-procedure1

(a) Turn the ignition switch off.

Procedure1

(b) Check for DTCs.

Body Electrical > Navigation System > Trouble Codes

| RESULT | PROCEED TO |
|---|------------|
| DTCs are not output | A |
| B155196, B158D87, B15A096, B15AD96, B15B396, B15B796 or B15BA96 is output | B |

Post-procedure1

(c) None

A  **GO TO HOW TO PROCEED WITH TROUBLESHOOTING**

B  **REPLACE RADIO AND DISPLAY RECEIVER ASSEMBLY**

