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| Last Modified: 12-04-2024 | 6.11:8.1.0 | Doc ID: RM100000002BO78 |
| Model Year Start: 2023 | Model: Prius Prime | Prod Date Range: [03/2023 -] |
| Title: REAR SUSPENSION: REAR UPPER ARM: REMOVAL; 2023 - 2024 MY Prius Prius Prime [03/2023 -] | | |

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed and installed, or replaced during rear upper control arm assembly removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

| REPLACED PART OR PERFORMED PROCEDURE | NECESSARY PROCEDURE | EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED | LINK |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Rear wheel alignment adjustment | Perform "Calibration" | <ul style="list-style-type: none"> DTCs are stored ABS warning light illuminates Brake system warning light (yellow indicator) illuminates Slip indicator light illuminates Electronically controlled brake system disabled or malfunctions | INFO |
| Tires | <ul style="list-style-type: none"> Initialization*1*2 Tire Position Identification*1*2 | Tire Pressure Warning System | Refer to Procedures Necessary When Replacing Parts (for Tire Pressure Warning System) INFO |
| | Rear television camera assembly optical axis (Back camera position setting)*3 | Parking Assist Monitor System | INFO |
| | Parking assist ECU initialization*3 | Panoramic View Monitor System | INFO |
| | | Advanced Park | INFO |
| Suspension parts | Rear television camera assembly optical axis (Back camera position setting) | Parking Assist Monitor System | INFO |

*1: Also necessary after performing a tire rotation.
 *2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.
 *3: The vehicle height changes because of suspension or tire replacement.

| REPLACED PART OR PERFORMED PROCEDURE | NECESSARY PROCEDURE | EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED | LINK |
|------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| | Parking assist ECU initialization | Panoramic View Monitor System | INFO |
| | | Advanced Park | INFO |
| Gas leak from exhaust system is repaired | Inspection after repair | <ul style="list-style-type: none"> • Poor idle, etc. • Engine start function, etc. | for M20A-FXS: INFO for 2ZR-FXE: INFO |

*1: Also necessary after performing a tire rotation.

*2: It is not necessary to perform this procedure if the tire pressure warning valve and transmitters are installed to the same location.

*3: The vehicle height changes because of suspension or tire replacement.

CAUTION / NOTICE / HINT

CAUTION:

- Orange wire harnesses and connectors indicate high-voltage circuits. To prevent electric shock, always follow the procedure described in the repair manual. (for AWD)

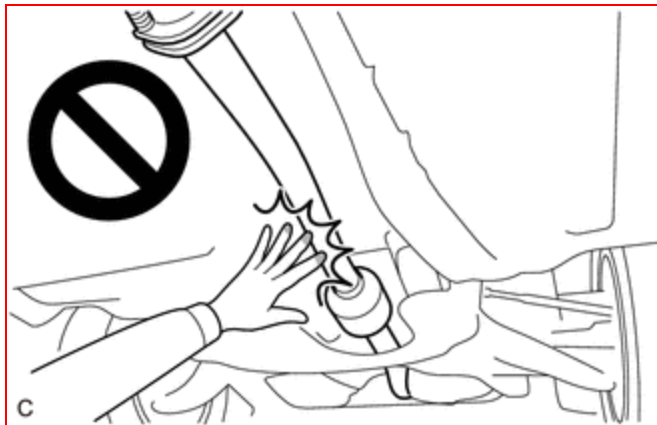


[Click here](#) [INFO](#)

- To prevent electric shock, wear insulated gloves when working on wire harnesses and components of the high



- voltage system. (for AWD)
- To prevent burns, do not touch the engine, exhaust pipe or other high temperature components while the



engine is hot.

for AWD

HINT:

When the cable is disconnected / reconnected to the auxiliary battery terminal, systems temporarily stop operating. However, each system has a function that completes learning the first time the system is used.

Learning completes when vehicle is driven

| EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED | NECESSARY PROCEDURE | LINK |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------|
| Front Camera System | Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 seconds or more. | INFO |

Learning completes when vehicle is operated normally

| EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED | NECESSARY PROCEDURE | LINK |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------|
| Power Door Lock Control System*1 <ul style="list-style-type: none"> Back door opener | Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch. | INFO |
| Power Back Door System*2 | Reset back door close position | INFO |

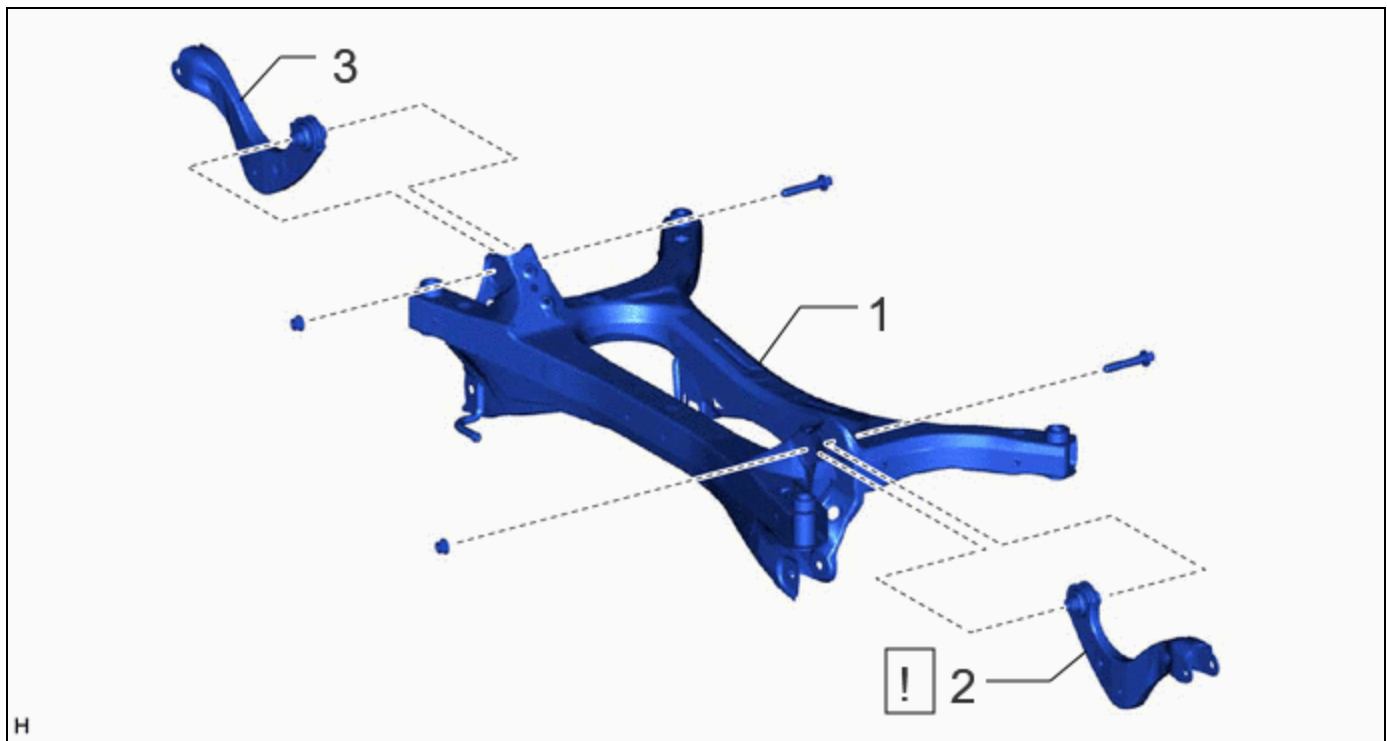
*1: w/o Power Back Door System

*2: w/ Power Back Door System

| EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED | NECESSARY PROCEDURE | LINK |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Air Conditioning System | <p>for HEV Model:</p> <p>After the ignition switch is turned to ON, the servo motor standard position is recognized.</p> <p>for PHEV Model:</p> <p>After the ignition switch is turned to ON, the servo motor and expansion valve standard position is recognized.</p> | - |
| <p>*1: w/o Power Back Door System</p> <p>*2: w/ Power Back Door System</p> | | |

CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



| | PROCEDURE | PART NAME CODE | ! | 📄 | ⚙️ |
|---|-------------------------------------|----------------|------|---|----|
| 1 | REAR SUSPENSION MEMBER SUB-ASSEMBLY | 51206A | - | - | - |
| 2 | REAR UPPER CONTROL ARM ASSEMBLY LH | 48790 | INFO | - | - |
| 3 | REAR UPPER CONTROL ARM ASSEMBLY RH | 48770A | - | - | - |

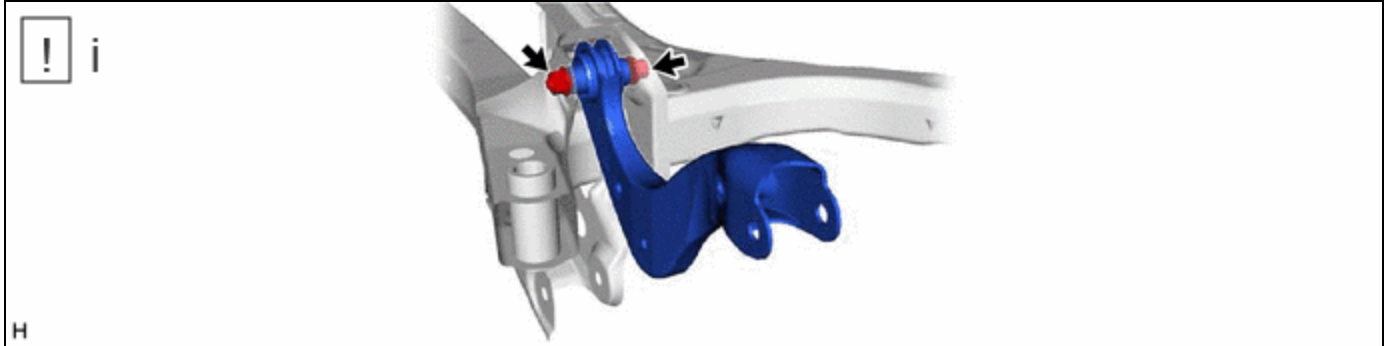
PROCEDURE

1. REMOVE REAR SUSPENSION MEMBER SUB-ASSEMBLY

for 2WD: Click here [INFO](#)

for AWD: Click here [INFO](#)

2. REMOVE REAR UPPER CONTROL ARM ASSEMBLY LH



- (1) Remove the bolt, nut and rear upper control arm assembly LH from the rear suspension member sub-assembly.

NOTICE:

Because the nut has its own stopper, do not turn the nut. Loosen the bolt with the nut secured.

3. REMOVE REAR UPPER CONTROL ARM ASSEMBLY RH

- (a) Perform the same procedure as for the LH side.

