TECHNICAL INSTRUCTIONS

FOR

SAFETY RECALL 26LA08

Certain 2026 Model Year TX350, TX500H and TX550H
Rear Axle Carrier May Break

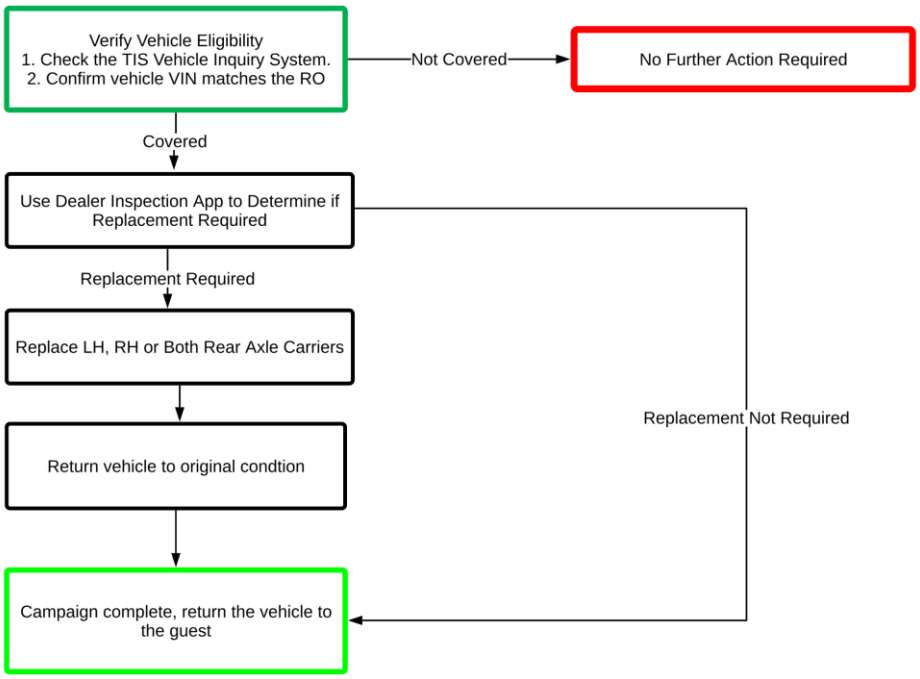
Inspection and Repalcement of Rear Axle Carrier

The repair quality of covered vehicles is extremely important to Lexus. All dealership technicians performing this recall are required to successfully complete the most current version of the E-Learning course "Safety Recall and Service Campaign Essentials". To ensure that all vehicles have the repair performed correctly; technicians performing this repair are required to have completed the following course:

- L4535 - Steering, Suspension & Handling

It is the dealership's responsibility to select technicians that have completed the above course to perform this repair. Carefully review your resources, the technician skill level, and ability before assigning technicians to this repair. It is important to consider technician days off and vacation schedules to ensure there are properly trained technicians available to perform this repair at all times.

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

1. CHECK VEHICLE FOR CAMPAIGN ELIGIBILITY

a. Compare the vehicles VIN to the VIN listed on the Repair Order to ensure they match.

b. Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Campaign, and that it has not already been completed.

NOTICE:
Lexus warranty will not reimburse dealers for repairs completed on vehicles that are not affected or were previously completed, even by another dealer.:

III. PREPARATION

A. PARTS

Part Number	Description	Quantity
42304-0E120	CARRIER SUB-ASSY, RR AXLE, RH	1
42305-0E130	CARRIER SUB-ASSY, RR AXLE, LH	1
90080-17238	NUT, LOCK	1 Per Side
90177-14006	NUT, LOCK	1 Per Side
94188-01441	NUT, LOCK	1 Per Side

B. TOOLS & EQUIPMENT

• Standard Hand Tools	• Dealer Inspection App	• SST: 09961-01270

IV. WORK PROCEDURE TABLE OF CONTENTS

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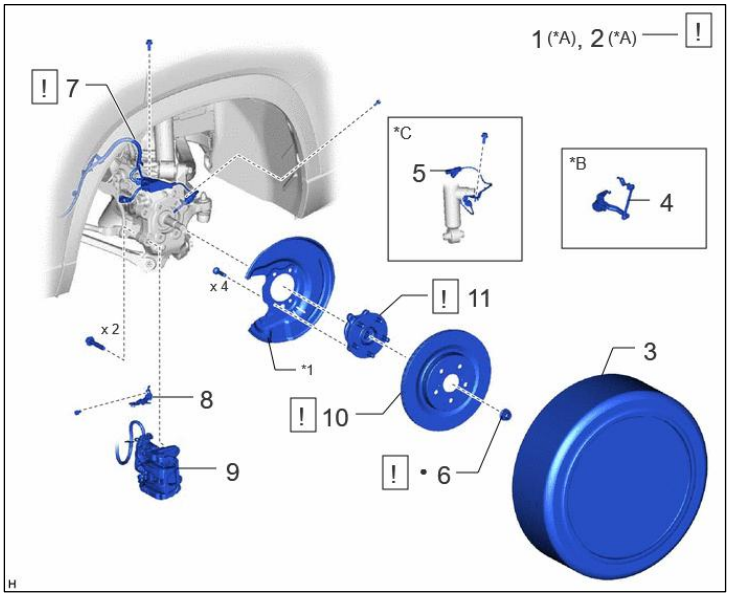
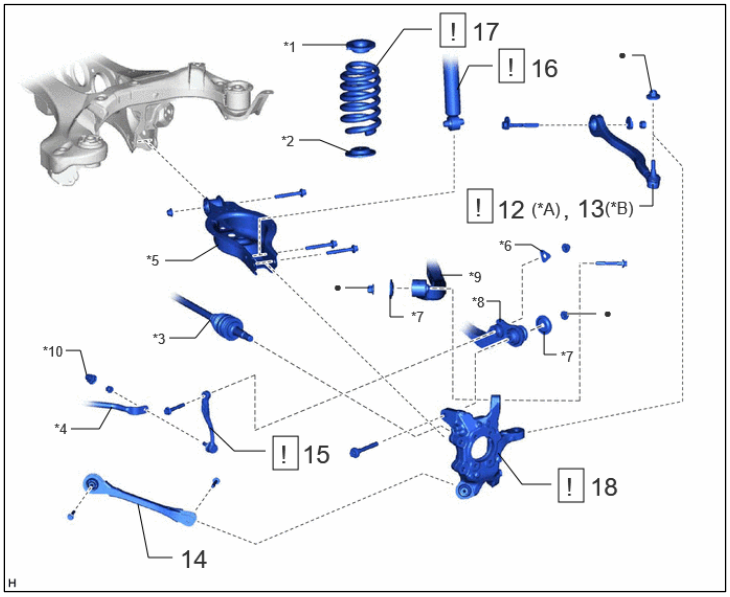
V. BACKGROUND

The rear axle carriers in the subject vehicles may not have been manufactured properly. A carrier can break at a certain attachment point which can affect rear vehicle stability, increasing the risk of a crash in some operating conditions.

VI. COMPONENTS



2	DISABLE BRAKE CONTROL
3	REAR WHEEL
4	REAR HEIGHT CONTROL SENSOR SUB-ASSEMBLY LH
5	WIRE HARNESS
6	REAR AXLE SHAFT NUT
7	NO. 2 PARKING BRAKE WIRE ASSEMBLY
8	NO. 2 FLEXIBLE HOSE BRACKET
9	REAR DISC BRAKE CALIPER ASSEMBLY
10	REAR DISC
11	REAR AXLE HUB AND BEARING ASSEMBLY



12	TOE CONTROL LINK SUB-ASSEMBLY (w/o Dynamic Rear Steering)
13	TOE CONTROL LINK SUB-ASSEMBLY SET (w/ Dynamic Rear Steering)
14	REAR NO. 1 SUSPENSION ARM ASSEMBLY
15	REAR STABILIZER LINK ASSEMBLY
16	REAR SHOCK ABSORBER ASSEMBLY
17	REAR COIL SPRING
18	REAR AXLE CARRIER SUB-ASSEMBLY

VII. Dealer Inspection App

Apple

Android

1. Install the mobile inspection app on your device using the QR code or by clicking on the links below:

   Apple: Click Here

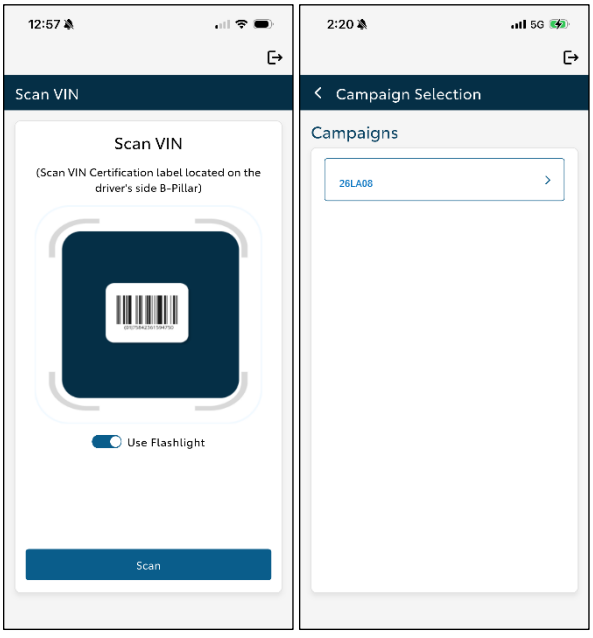
   Android: Click Here

VIII. INSPECT REAR AXEL CARRIERS SUB ASSEMBLY

1. Dealer Inspection App Is Used to Document Date Stamps and Determine If Rear Axle Carrier Sub Assembly Will Need to Be Replaced.

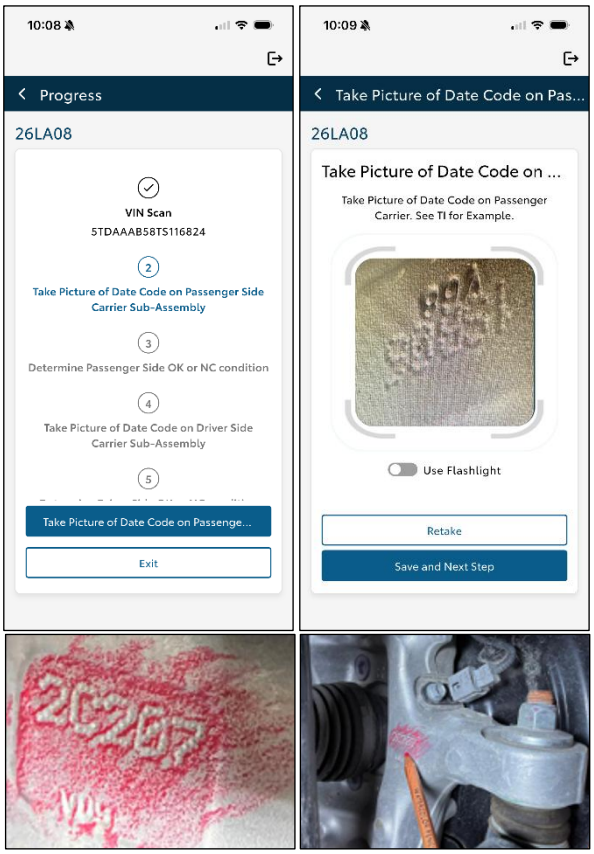
2. Follow Instructions in Dealer Inspection App to Photograph Date Stamps on Both the Passenger and Driver Side Rear Axle Carrier Sub Assembly.

Note: If Unable to Take Legible Photographs of Date Stamp While the Rear Axle Carrier Sub Assembly Is on The Vehicle, It May Need to Be Removed to Take Usable Pictures. Proceed To Section IX for Instruction.



1. Scan VIN Barcode on Vehicle

2. Select 26LA08 from List



3. Select “Take Picture of Date Code on Passenger Side”

4. Position Yourself Under the Passenger Rear Bumper Area, Then View the Inner Wheel Area.

5. Look Behind the Toe Control Link Sub Assembly to View the Rear Axle Carrier Sub-Assembly Date Stamp.

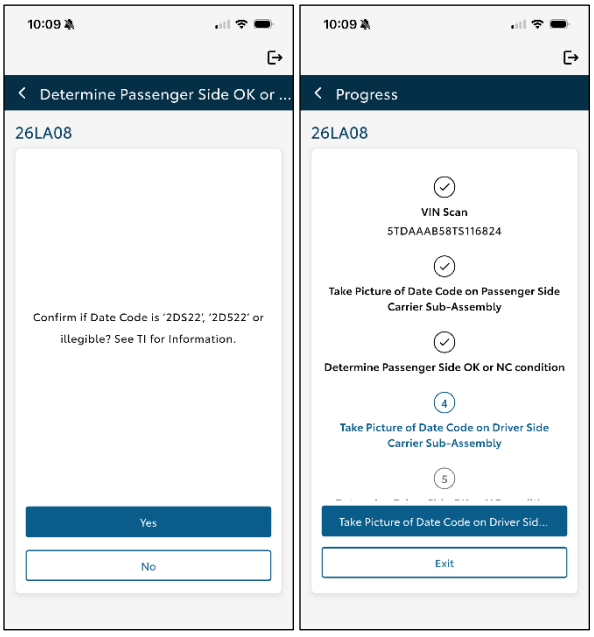
6. Use App to Take Picture of Date Stamp on Passenger Side Rear Axle Carrier.

NOTE: Be sure to take a clear and legible photo of the date stamp.

HINT: 4.Use a grease pen to color in the etched alpha numeric date stamp.

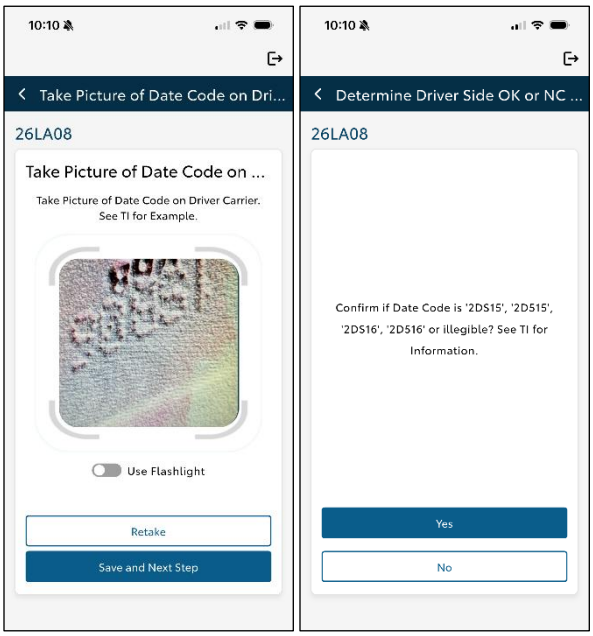
Alternatively, you can use a dry erase marker to color in the dimpled Date Stamp to ensure that the Date Stamp is more readily visible to confirm.

Use the dry erase marker to color in the dimpled alpha-numeric code. Wipe away the excess marking so that only the dimpled code is colored in.



7. Check Date Stamp to Determine if OK or NG:
   A. Passenger Side NG Condition:
      a. Date Stamp=
      - **2DS22**
      - **2D522**
      - **Illegible**

8. Select “Take Picture of Date Code on Driver Side”



9. Use App to Take Picture of Date Stamp on Driver Side Rear Axle Carrier.

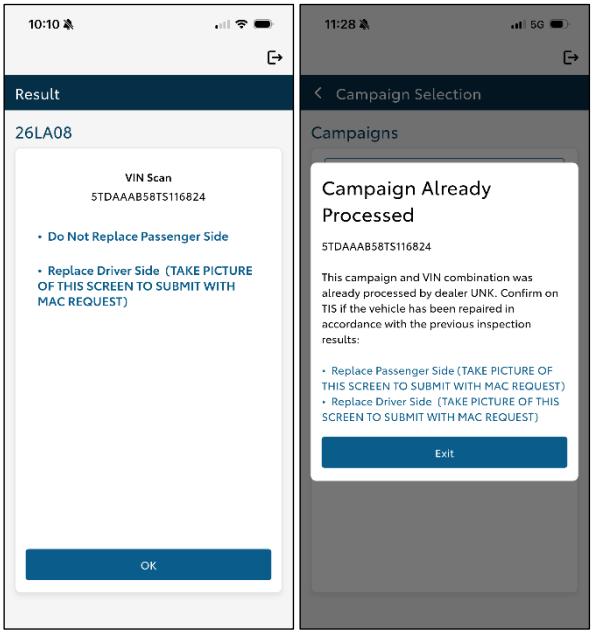
NOTE: Be sure to take a clear and legible photo of the date stamp.

HINT: 4.Use a grease pen to color in the etched alpha numeric date stamp.

Alternatively, you can use a dry erase marker to color in the dimpled Date Stamp to ensure that the Date Stamp is more readily visible to confirm.

Use the dry erase marker to color in the dimpled alpha-numeric code. Wipe away the excess marking so that only the dimpled code is colored in.

10. Check Date Stamp to Determine if OK or NG:
    A. Driver Side NG Condition:
    b. Date Stamp=
    - **2DS15**
    - **2D515**
    - **2DS16**
    - **2D516**
    - **Illegible**



11. App Will Advise If Either or Both of The Rear Axle Carrier Assemblies Need to Be Replaced.

NOTE:
TAKE A SCREEN SHOT OF RESULT SCREEN.

PICTURE MUST BE SUBMITTED WITH MAC REQUEST.

12. If a Vehicle has had the campaign performed, App will display message showing inspection with App has been performed and will display results.

NOTE: If App shows inspection has been performed, confirm in TIS if campaign has been completed.

IX. REMOVE REAR AXLE CARRIER SUB ASSEMBLY

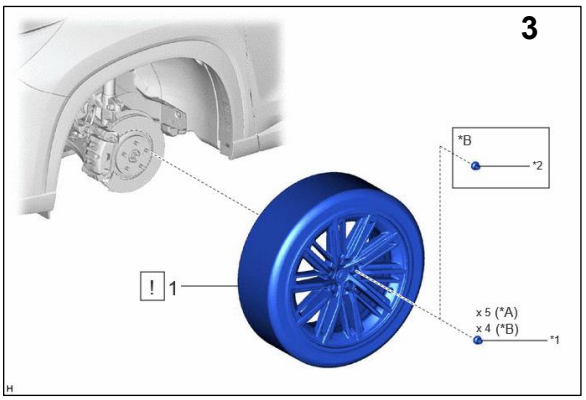
1. Procedure is the same for both RH and LH sides.
   a. The following procedure is for the LH side.
2. Disable Brake Control (*Except Gasoline Model*).
   a. Perform the following procedure to prohibit brake control.
      i. To put the skid control ECU into sleep mode, turn the ignition switch off and wait for 4 minutes.

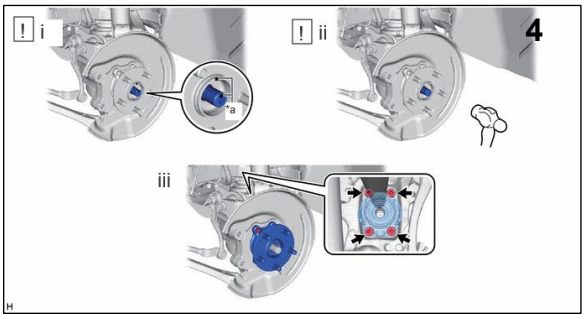
         NOTE:
         - After turning the ignition switch off, opening/closing doors or operating the brake pedal will activate the brake control system, so do not open/close any doors or operate the brake pedal.

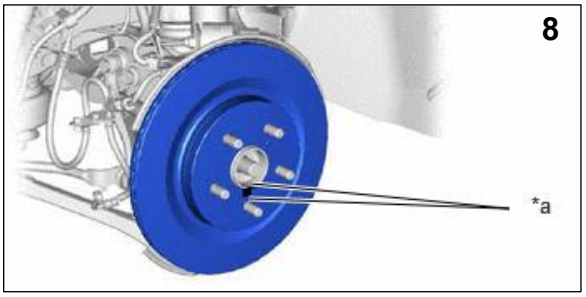
      ii. Disconnect the cable from the negative (-) auxiliary battery terminal.

      iii. To put the skid control ECU into sleep mode completely, depress the brake pedal 40 times or more.

      iv. Check that the brake pedal does not stroke.





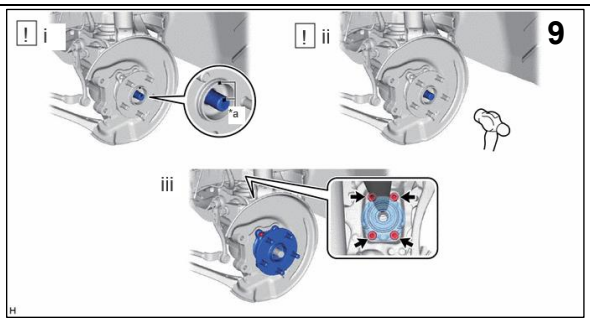


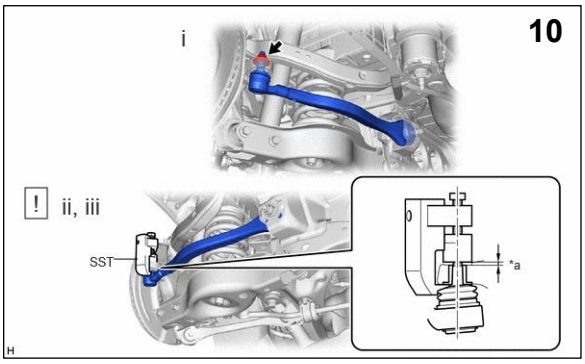
3. Remove Rear Wheel.
4. Remove Rear Axle Shaft Nut
5. Separate No. 2 Parking Brake Wire Assembly
6. Remove No. 2 Flexible Hose Bracket.
7. Separate Rear Disc Brake Caliper Assembly.
   a. a) Remove the 2 bolts and separate the rear disc brake caliper assembly from the rear axle carrier sub-assembly.

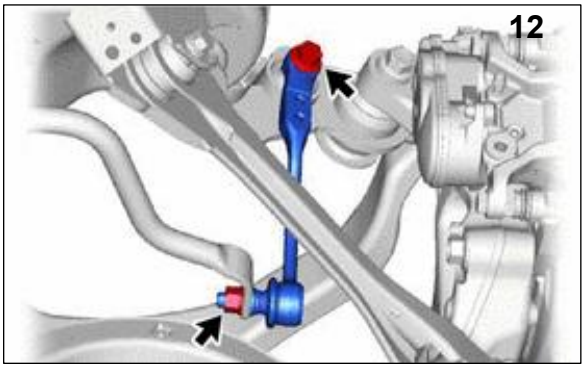
      NOTICE:
      - Use wire or an equivalent tool to keep the rear disc brake caliper assembly from hanging by the rear flexible hose.

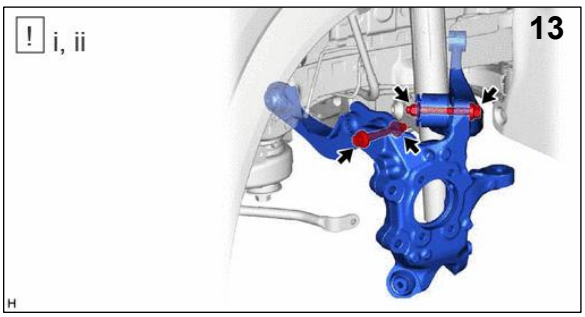
8. Remove Rear Disc.

   **a. Matchmark*









9. Remove Rear Axle Hub and Bearing Assembly.

   a. Put matchmarks on the rear drive shaft assembly and the rear axle hub and bearing assembly.

   b. Using a plastic hammer, separate the rear drive shaft assembly from the rear axle hub and bearing assembly.

      HINT:

      If it is difficult to separate the rear drive shaft assembly rear axle hub and bearing assembly, tap the end of the rear drive shaft assembly using a brass bar and a hammer.

   c. Remove the 4 bolts, rear axle hub and bearing assembly and rear disc brake dust cover sub-assembly from the rear axle carrier sub-assembly.

10. Remove Toe Control Link Sub-Assembly.

11. Remove Rear No. 1 Suspension Arm Assembly

12. Remove Rear Stabilizer Link Assembly.

13. Remove Rear Axle Carrier Sub-Assembly.

   i. Remove the bolt, nut and rear suspension arm washer and separate the rear upper control arm assembly from the rear axle carrier sub-assembly.

      NOTICE:
      - While holding the nut, loosen the bolt.

   ii. Remove the bolt, nut and rear suspension arm washer and the rear axle carrier sub-assembly from the rear upper No. 2 control arm assembly.

      NOTICE:
      - While holding the nut, loosen the bolt.

X. REPLACE REAR AXLE CARRIER SUB ASSEMBLY

1. Install new Rear Axle Carrier Sub-Assembly.
2. Temporarily Connect Rear Shock Absorber Assembly.
3. Temporarily Reinstall Rear Stabilizer Link Assembly.
4. Temporarily Reinstall Rear No. 1 Suspension Arm Assembly.
5. Temporarily Reinstall Toe Control Link Sub-Assembly.
6. Temporarily Reinstall Rear Axle Hub and Bearing Assembly.
7. Reinstall Rear Disc.
8. Temporarily Connect Rear Disc Brake Caliper Assembly.
9. Temporarily Reinstall No. 2 Flexible Hose Bracket.
10. Temporarily Connect No. 2 Parking Brake Wire Assembly.
11. Stabilize Suspension.
12. Temporarily Reinstall Rear Upper No. 2 Control Arm Assembly.
13. Temporarily Reinstall Rear Upper Control Arm Assembly.
14. Temporarily Connect Toe Control Link Sub-Assembly.
15. Temporarily Reinstall Rear No. 1 Suspension Arm Assembly.
16. Temporarily Reinstall Rear No. 2 Suspension Arm Assembly.
17. Reinstall Rear Wheel.

Once all parts have temporarily reinstalled, complete installation to Torque specifications:

1. Connect Rear Shock Absorber Assembly.
   2WD Torque: 85 N·m {867 kgf·cm, 63 ft·lbf}
   4WD Torque: 85 N·m {867 kgf·cm, 63 ft·lbf}

2. Reinstall Rear Stabilizer Link Assembly.
   2WD Torque: Bolt: 90 N·m {918 kgf·cm, 66 ft·lbf}
   Nut: 83 N·m {846 kgf·cm, 61 ft·lbf}
   4WD Torque: Bolt: 90 N·m {918 kgf·cm, 66 ft·lbf}
   Nut: 83 N·m {846 kgf·cm, 61 ft·lbf}

3. Reinstall Rear No. 1 Suspension Arm Assembly.
   2WD Torque: 50 N·m {510 kgf·cm, 37 ft·lbf}
   4WD Torque: 50 N·m {510 kgf·cm, 37 ft·lbf}

4. Reinstall Toe Control Link Sub-Assembly.
   2WD Torque: 152 N·m {1550 kgf·cm, 112 ft·lbf}
   4WD Torque: 152 N·m {1550 kgf·cm, 112 ft·lbf}

5. Reinstall Rear Axle Hub and Bearing Assembly.
   2WD Torque: 95 N·m {969 kgf·cm, 70 ft·lbf}
   4WD Torque: 95 N·m {969 kgf·cm, 70 ft·lbf}

6. Connect Rear Disc Brake Caliper Assembly.
   SST: 09961-01270
   2WD Torque: 215 N·m {2192 kgf·cm, 159 ft·lbf}
   4WD Torque: 215 N·m {2192 kgf·cm, 159 ft·lbf}

7. Reinstall No. 2 Flexible Hose Bracket.
   2WD Torque: 29 N·m {296 kgf·cm, 21 ft·lbf}
   4WD Torque: 29 N·m {296 kgf·cm, 21 ft·lbf}

8. Connect No. 2 Parking Brake Wire Assembly.
   2WD Torque: 8.0 N·m {82 kgf·cm, 71 in·lbf}
   4WD Torque: 8.0 N·m {82 kgf·cm, 71 in·lbf}

9. Reinstall Rear Upper No. 2 Control Arm Assembly.
   2WD Torque: 155 N·m {1581 kgf·cm, 114 ft·lbf}
   4WD Torque: 155 N·m {1581 kgf·cm, 114 ft·lbf}

10. Reinstall Rear Upper Control Arm Assembly.
    2WD Torque: 160 N·m {1632 kgf·cm, 118 ft·lbf}
    4WD Torque: 160 N·m {1632 kgf·cm, 118 ft·lbf}

11. Connect Toe Control Link Sub-Assembly.
    2WD Torque: 152 N·m {1550 kgf·cm, 112 ft·lbf}
    4WD Torque: 152 N·m {1550 kgf·cm, 112 ft·lbf}

12. Reinstall Rear No. 1 Suspension Arm Assembly.
    2WD Torque: 50 N·m {510 kgf·cm, 37 ft·lbf}
    4WD Torque: 50 N·m {510 kgf·cm, 37 ft·lbf}

13. Reinstall Rear No. 2 Suspension Arm Assembly.
    2WD Torque: 105 N·m {1071 kgf·cm, 77 ft·lbf}
    4WD Torque: 105 N·m {1071 kgf·cm, 77 ft·lbf}

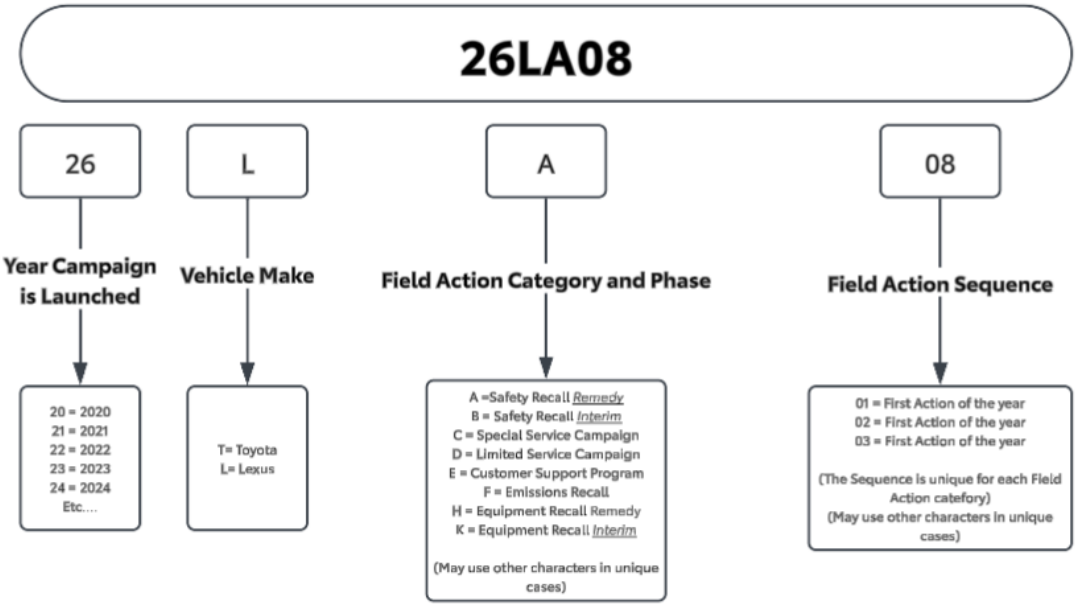
14. Reinstall Rear Wheel.
15. Inspect And Adjust Rear Wheel Alignment.
16. Check For Speed Sensor Signal.
17. Perform Initialization.
18. If Required, Repeat Steps for The Opposite Rear Axle Carrier Sub Assembly.

◄ VERIFY REPAIR QUALITY ►

- **Confirm satisfactory appearance and cleanliness of the vehicle interior before returning the vehicle to the Guest.**

XI. APPENDIX

A. CAMPAIGN DESIGNATION DECODER



Examples:
19TA01 = Launched in 2019, Toyota, Safety Recall Remedy Phase, 1st Safety Recall Launched in 2019
20TC02 = Launched in 2020, Special Service Campaign, 2nd Special Service Campaign Launched in 2020
21TE05 = Launched in 2021, Customer Support Program, 5th Customer Support Program Launched in 2021

B. CAMPAIGN PARTS DISPOSAL

As required by Federal Regulations, please make sure all campaign parts (original parts) removed from the vehicle are disposed of in a manner in which they will not be reused, **unless requested for parts recovery return.**