

# **TECHNICAL INSTRUCTIONS**

**FOR**

## **SAFETY RECALL**

### **LH and RH REAR BRAKE HOSE LEAK**

**CERTAIN 2024 - 2025 MODEL YEAR TACOMA 4x4 VEHICLES WITH TOYOTA  
17" AND 18" WHEELS**

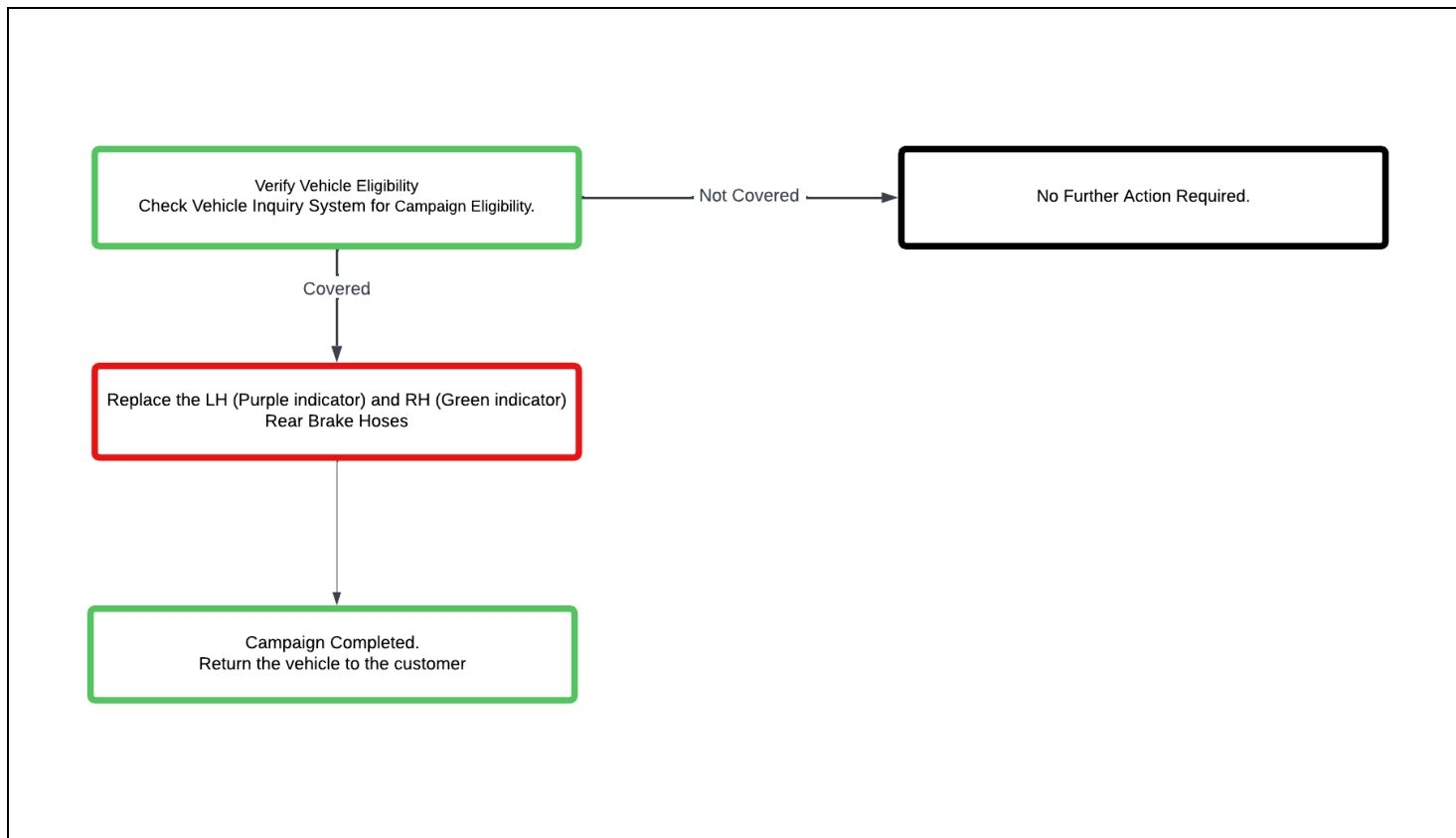
**CERTAIN 2024 - 2025 MODEL YEAR TACOMA 2wd VEHICLES WITH TOYOTA  
17" AND 18" WHEELS**

**The repair quality of covered vehicles is extremely important to Toyota. 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 recall repair are required to currently have completed all of the following courses:**

**- T5537 Toyota Brake Systems**

**It is the dealership's responsibility to select technicians that have completed the above courses 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.

Note: 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
04005-02158	<b>BRAKE HOSE KIT 1</b>	1
04005-01150	<b>SPECIAL SERVICE PARTS</b>	1
00475-1BF03	<b>BRAKE FLUID</b>	1*

\*Replacement of the brake hose only requires a line bleed and not a full system bleed.

### B. TOOLS & EQUIPMENT

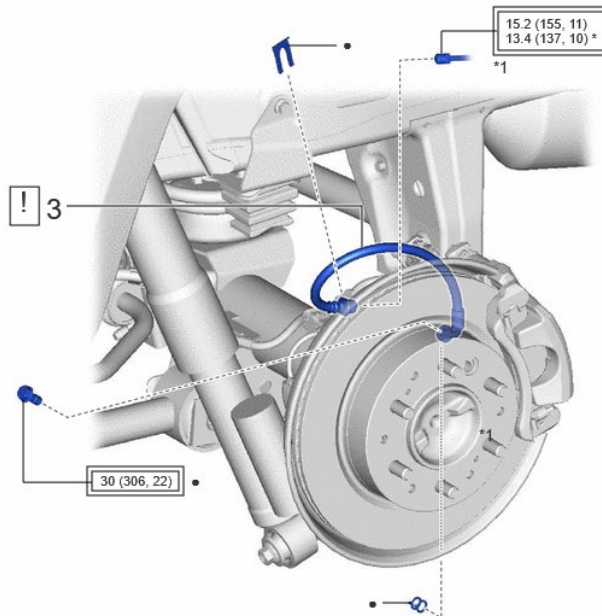
• Standard Hand Tools	• Torque Wrench
-----------------------	-----------------

## IV. BACKGROUND

Some vehicles have experienced the brake pedal to the floor due to brake pressure lost and low brake fluid. During the investigation it was found the rear brake flexible hoses (LH & RH) were damaged/leaking due to rubbing against the mud/dirt build-up inside the rear wheels.

## V. COMPONENTS

LH and RH Rear Flexible Brake Hose



## VI. PERFORMING THE REMEDY

### Removing the LH & RH Rear Flexible Brake Hoses

#### PRECAUTION (except Gasoline Model)



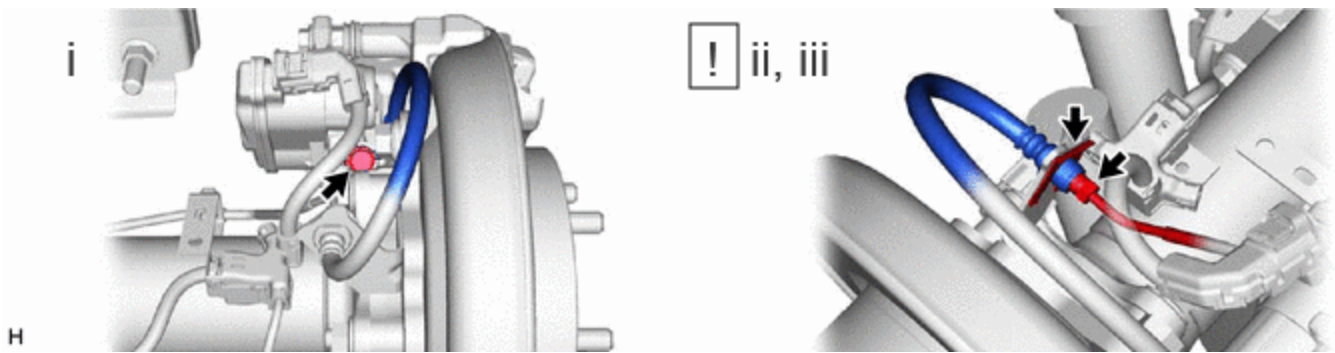
#### NOTICE:

After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.

#### 2. DISABLE BRAKE CONTROL (except Gasoline Model)

#### 3. REMOVE REAR WHEEL

#### 4. REMOVE REAR FLEXIBLE HOSE



- A. Remove the union bolt and gasket, and disconnect the rear flexible hose from the rear disc brake cylinder assembly.
- B. Using a union nut wrench, disconnect the brake tube while holding the rear flexible hose with a wrench.

**NOTICE:**

- Do not kink or damage the brake tube.
- Do not allow any foreign matter such as dirt or dust to enter the brake tube from the connecting parts.

- C. Remove the clip and rear flexible hose from the vehicle body.

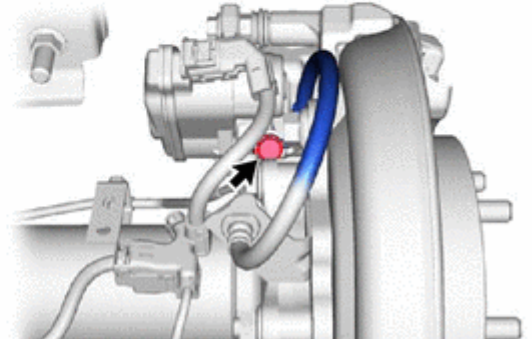
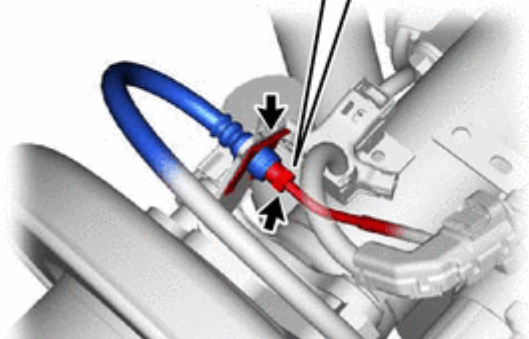
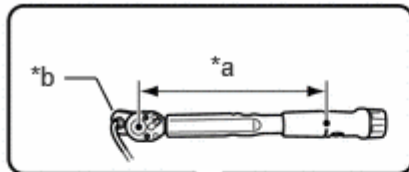
Install the **NEW** improved LH (Purple Indicator) & RH (Green Indicator) Rear Flexible Brake Hoses

**INSTALL REAR FLEXIBLE HOSE**



**NOTICE:**

When installing the rear flexible hose, minimize twisting of the hose.



H

*a	Torque Wrench Fulcrum Length	*b	Union Nut Wrench
----	------------------------------	----	------------------

1. Install the rear flexible hose with a new clip.

**NOTICE:** Install the clip as far as it will go.

2. Using a union nut wrench, connect the brake tube to the rear flexible hose while holding the rear flexible hose with a wrench.

Torque:

Specified tightening torque :

15.2 N·m {155 kgf·cm, 11 ft·lbf}

**NOTICE:**

- Do not kink or damage the brake tube.
- Do not allow any foreign matter such as dirt or dust to enter the brake tube from the connecting parts.

**HINT:**

- Calculate the torque wrench reading when changing the fulcrum length of the torque wrench.
- When using a union nut wrench (fulcrum length of 22 mm (0.866 in.)) + torque wrench (fulcrum length of 162 mm (6.38 in.)): 13.4 N\*m (137 kgf\*cm, 10 ft.\*lbf)

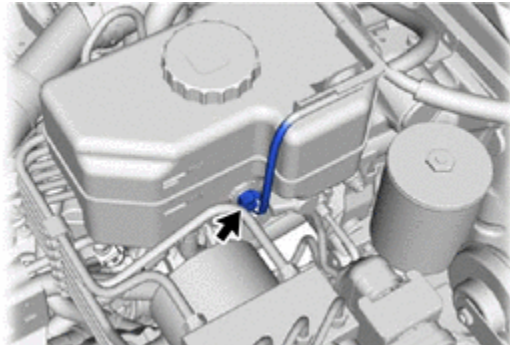
3. Install the rear flexible hose to the rear disc brake cylinder assembly with a new union bolt and a new gasket.

Torque: 30 N·m {306 kgf·cm, 22 ft·lbf}

**NOTICE:**

Install the rear flexible hose lock securely into the lock hole in the rear disc brake cylinder assembly.

4. CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL (except Gasoline Model)



H

Perform the following procedure:

1. Connect the reservoir level switch connector.
2. Connect the cable to the negative (-) auxiliary battery terminal.
3. BLEED BRAKE LINE\*
4. INSTALL REAR WHEELS

\* Note: When installing the new lines the vehicle only requires a line bleed and not a full system bleed. Ensure to properly monitor fluid level when performing bleed to ensure air does not enter the system. The recall only covers 1 pint of fluid to support line bleed.

## ◀ VERIFY REPAIR QUALITY ▶

- Confirm there are no DTC's after the repair.
- Confirm correct parts are installed.
- Confirm Reservoir Brake Fluid Level is correct.
- Confirm no fluid leakage from any newly installed parts.

If you have any questions regarding this update, please contact your regional representative.

## 10. APPENDIX

### A. PARTS DISPOSAL

In accordance with Federal law, please make sure all recalled 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.*