

Part Number: PT595-60240

### Kit Contents

| Item # | Quantity Req'd. | Description               |
|--------|-----------------|---------------------------|
| 1      | 1               | Diff Breather Bracket, RR |
| 2      | 1               | Sherex M6x1               |
| 3      | 1               | Union (90404-51052)       |
| 4      | 1               | Fastener (90119-A0247)    |

### Hardware Bag Contents

| Item # | Quantity Req'd. | Description |
|--------|-----------------|-------------|
| 1      |                 |             |

### Additional Items Required For Installation

| Item # | Quantity Req'd. | Description |
|--------|-----------------|-------------|
| 1      |                 |             |

### Conflicts

|  |
|--|
|  |
|--|

### Recommended Tools

|                                          |              |
|------------------------------------------|--------------|
| <b>Personal &amp; Vehicle Protection</b> | <b>Notes</b> |
| Safety Glasses                           |              |
|                                          |              |
| <b>Special Tools</b>                     | <b>Notes</b> |
|                                          |              |
| <b>Installation Tools</b>                | <b>Notes</b> |
| Rivet Nut Tool                           |              |
| Deep Socket                              | 14mm, 10mm   |
| Ratchet                                  |              |
| Torque Wrench                            |              |
| Pliers                                   |              |
| <b>Special Chemicals</b>                 | <b>Notes</b> |
|                                          |              |

### General Applicability

|                                       |
|---------------------------------------|
| MY24 and newer Land Cruiser HV models |
|---------------------------------------|

### Recommended Sequence of Application

| Item # | Accessory |
|--------|-----------|
| 1      |           |
| 2      |           |
| 3      |           |
|        |           |

\*Mandatory

### Vehicle Service Parts (may be required for reassembly)

| Item # | Quantity Req'd. | Description |
|--------|-----------------|-------------|
| 1      |                 |             |
| 2      |                 |             |
| 3      |                 |             |
|        |                 |             |

### Legend



**STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.



**OPERATOR SAFETY:** Use caution to avoid risk of injury.



**CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.



**TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.



**REVISION MARK:** This mark highlights a change in installation with respect to previous issue.



**SAFETY TORQUE:** This mark indicates that torque is related to safety.



**REGULATORY MARK:** This mark indicates the component is related to regulatory compliance

# TOYOTA LAND CRUISER HV 2024 - DIFFERENTIAL BREATHER Procedure

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

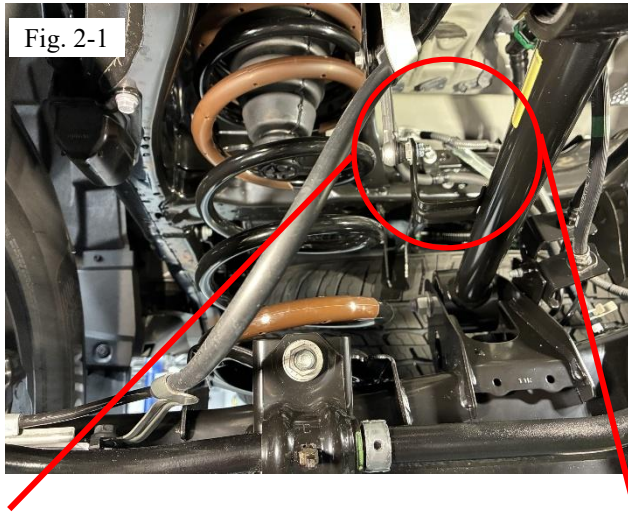
Please see your Toyota dealer for a copy of this document.



Fig. 1-1

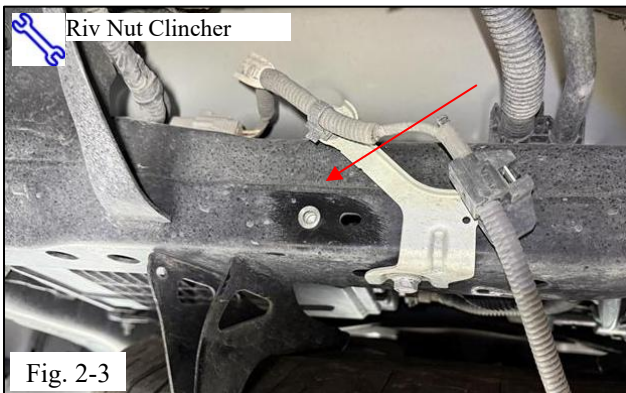
## 1. Confirm Kit Contents

- (a) Confirm kit contents are present and not damaged (Fig. 1-1).



## 2. Install Rivet Nut

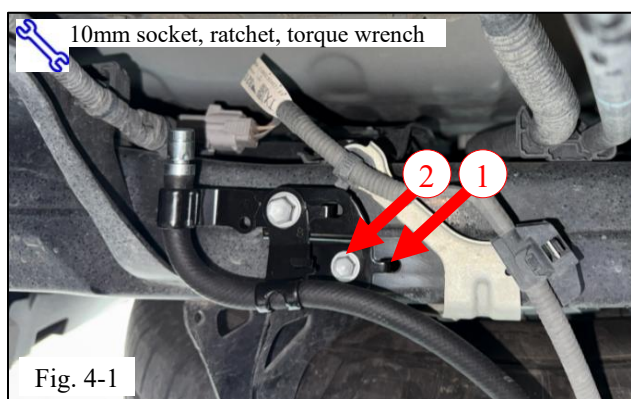
- (a) Locate rear passenger side inboard frame member (Fig. 2-1)
- (b) Install rivet nut to frame hole (Fig. 2-2& Fig. 2-3).





### 3. Remove Differential Breather

- (a) Remove differential breather plug from rear axle housing using 14mm socket and discard breather plug (Fig. 3-1).



### 4. Install Accessory Differential Breather Assembly Bracket

- (a) Install bracket to frame (Fig. 4-1).
  - (1) Placing rotation tab into the slot.
  - (2) Install fastener from kit using 10mm socket and tighten to 18 N-m (13 ft-lbs).

**Torque: 18 N-m (13 ft-lbs)**



### 5. Install Union

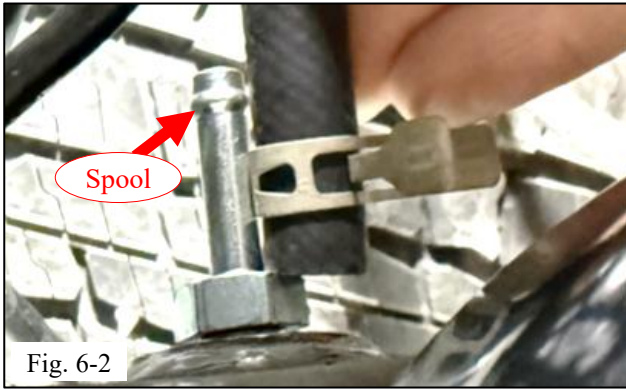
- (a) Install union (provided in kit) to differential housing using 14mm socket and tighten to 25 N-m (18 ft-lbs) (Fig. 5-1).

**Torque: 25 N-m (18 ft-lbs)**



### 6. Install Hose and Clamp

- (a) Install hose to union and move clamp to secure hose to union (Fig. 6-1).



**⚠ NOTE:** Clamp should be placed lower than union spool and fully cover hose. Image does not have hose installed on union. This is to show union spool and location for hose clamp when installed over union (Fig. 6-2).

# TOYOTA LAND CRUISER HV 2024 - DIFFERENTIAL BREATHER

Checklist - these points **MUST** be checked to ensure a quality installation.

| <u>Check:</u>                                                                                                                                                 | <u>Look For:</u>                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Accessory Function Checks</u><br><br><input type="checkbox"/> Hose is fully installed                                                                      | Hose touches nut and clamp is secured over hose and union (Fig. 6-1 & 6-2).                                                                                                  |
| <u>Vehicle Function Checks</u><br><br><input type="checkbox"/><br><br><input type="checkbox"/><br><br><input type="checkbox"/>                                |                                                                                                                                                                              |
| <u>Vehicle Appearance Check</u><br><br><input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection. | Ensure no damage (including scuffs and scratches) was caused during the installation process.<br>(For PPO installations, refer to TMNA Accessory Quality Shipping Standard.) |