

TECHNICAL INSTRUCTIONS

FOR

SAFETY RECALL H0G

REAR DIFFERENTIAL LEAK

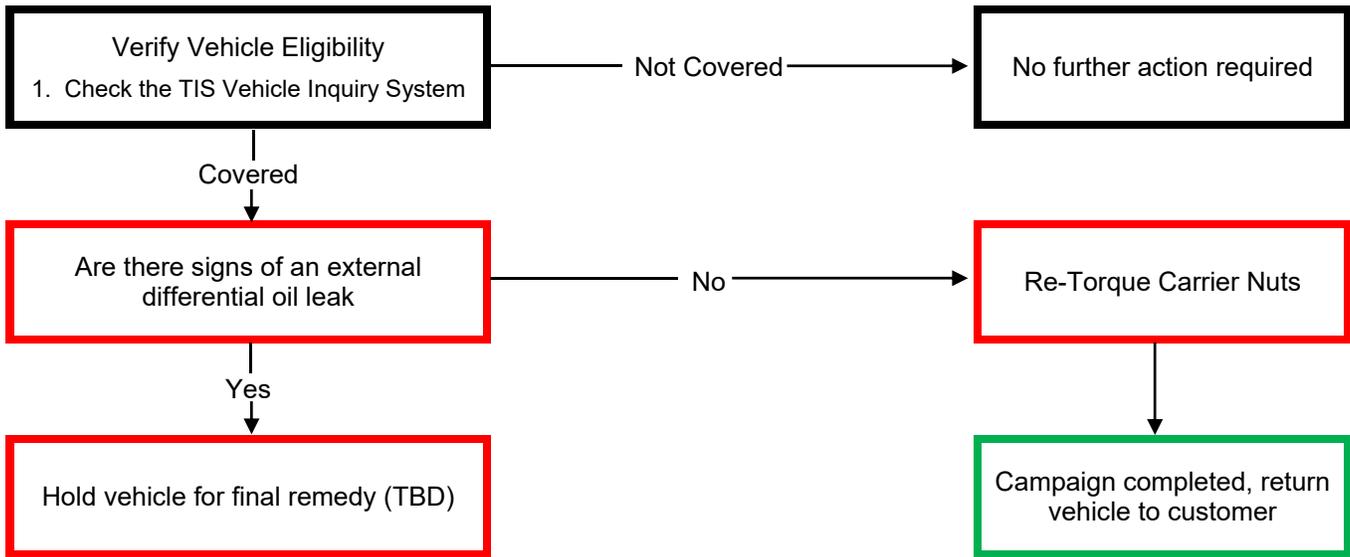
CERTAIN 2016-2017 TACOMA

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 hold at least one of the following certification levels:

- Certified Technician (Chassis)
- Expert Technician (Chassis)
- Master Technician
- Master Diagnostic Technician

It is the dealership's responsibility to select technicians with the above certification level or greater to perform this recall 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

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety Recall, and that the Campaign has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs completed on vehicles that are not affected or were completed by another dealer.

III. PREPARATION

A. PARTS

No parts will be required.

B. TOOLS & EQUIPMENT

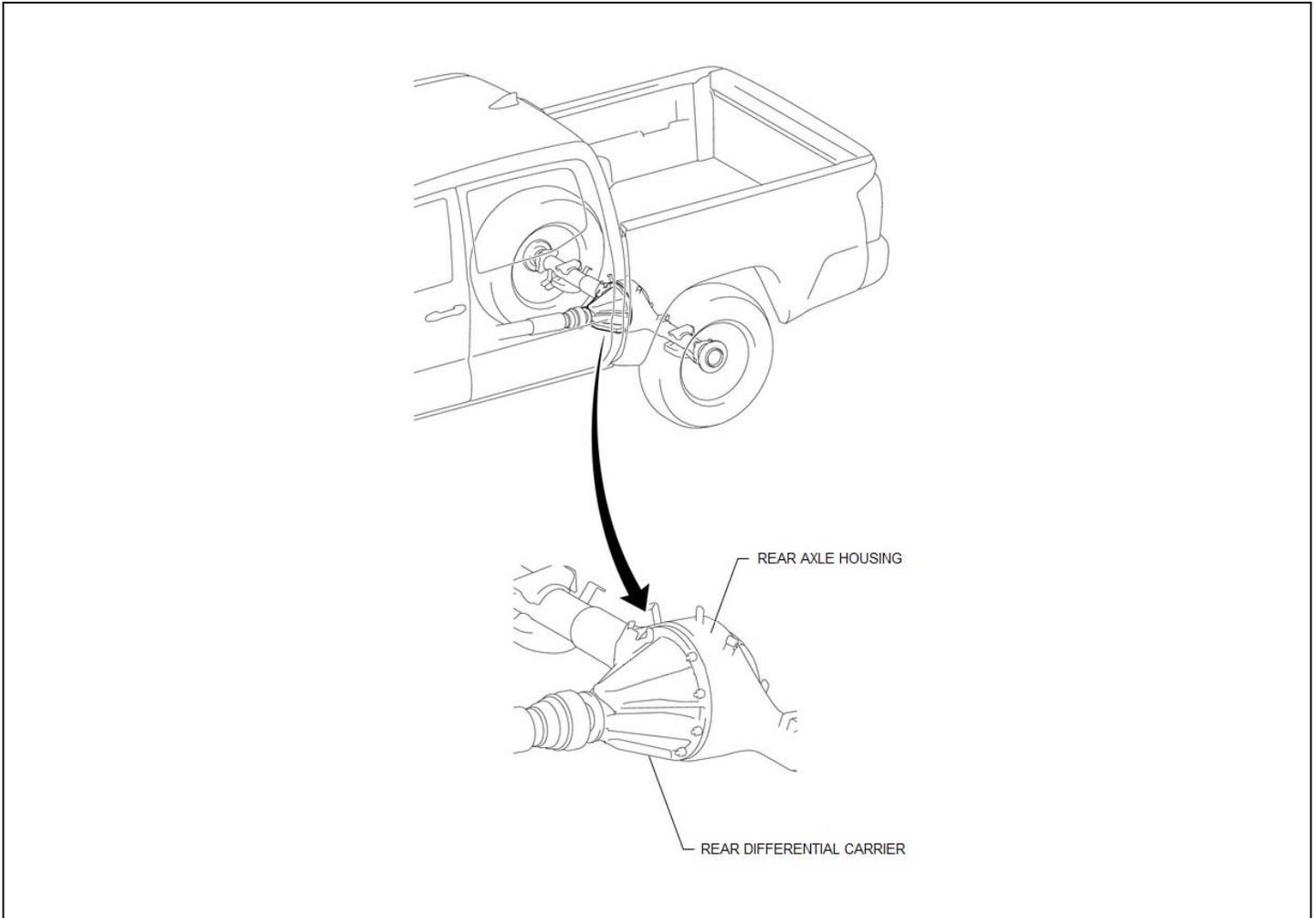
- 3/8" Torque Wrench
- 12mm deep well socket

C. MATERIALS

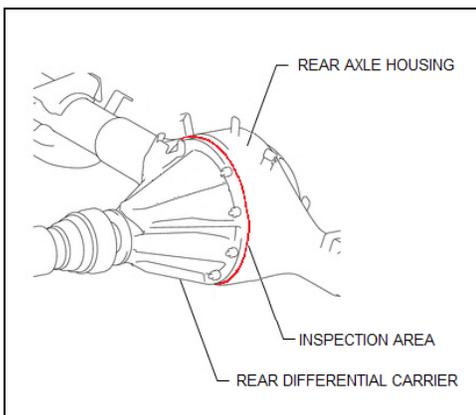
No materials will be required.

IV. BACKGROUND

The involved vehicles have rear differentials that may leak oil. If the vehicle is continuously operated in this condition, the rear differential could become damaged, which can result in noise and reduced propulsion. In some cases the rear differential could seize, resulting in a loss of control of the vehicle and increasing the risk of a crash.



V. WORK PROCEDURE



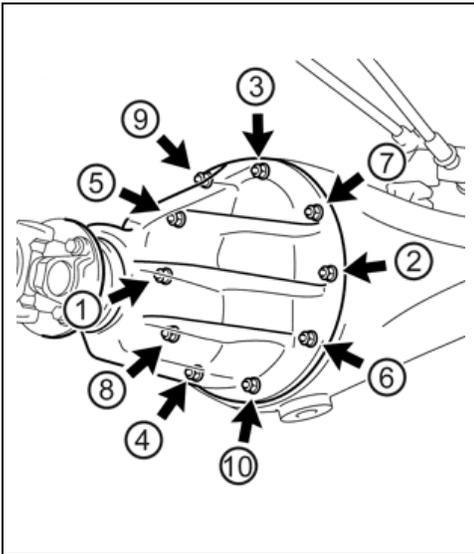
1. **INSPECT REAR DIFFERENTIAL FOR FLUID LEAK**
 - a. Inspect the area where the Carrier Assembly bolts to the Axle Housing for signs of fluid leaks. Check around the entire circumference of the Carrier Assembly.



Example of fluid leak

- If NO signs of fluid leaking are found, skip to Step #2.
- If a fluid leakage is found, do not attempt any repair at this time. Please hold the vehicle until a later date when a remedy repair is available. Details on this repair will be released when available.

Note: Fluid leaks may vary from minor to extreme. If any sign of a fluid leak is found, do not proceed with this repair. This recall cannot be closed until the final repair is completed (availability TBD).



2. RETORQUE DIFFERENTIAL CARRIER NUTS

- a. Using the sequence shown, torque the 10 Differential Carrier nuts.

Torque 18 ft.lbs {25 N·m, 255 kgf·cm}



It is critical that the Differential Carrier nuts are torqued to exact value specified. DO NOT use any other tool than a properly calibrated torque wrench set to the specified value. Failure to follow this procedure will result in damage to the studs installed in the Rear Axle Housing.

Note: With no oil leak found and the Carrier nuts retorqued properly, the recall can be closed.

◀ VERIFY REPAIR QUALITY ▶

With no oil leak present, verify that all 10 bolts have been properly torqued to exactly 18 ft.lbs. The recall should be closed.

If an oil leak was found, no repair should be completed. Hold the vehicle for a future date when a repair is available.

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

XI. APPENDIX

a. PARTS DISPOSAL

As required by Federal Regulations, 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.**

XII. CAMPAIGN DESIGNATION DECORDER

