

TECHNICAL INSTRUCTIONS

FOR

SAFETY RECALL KLC

POSSIBLE PARTIAL TREAD SEPARATION OF RUN-FLAT TIRES

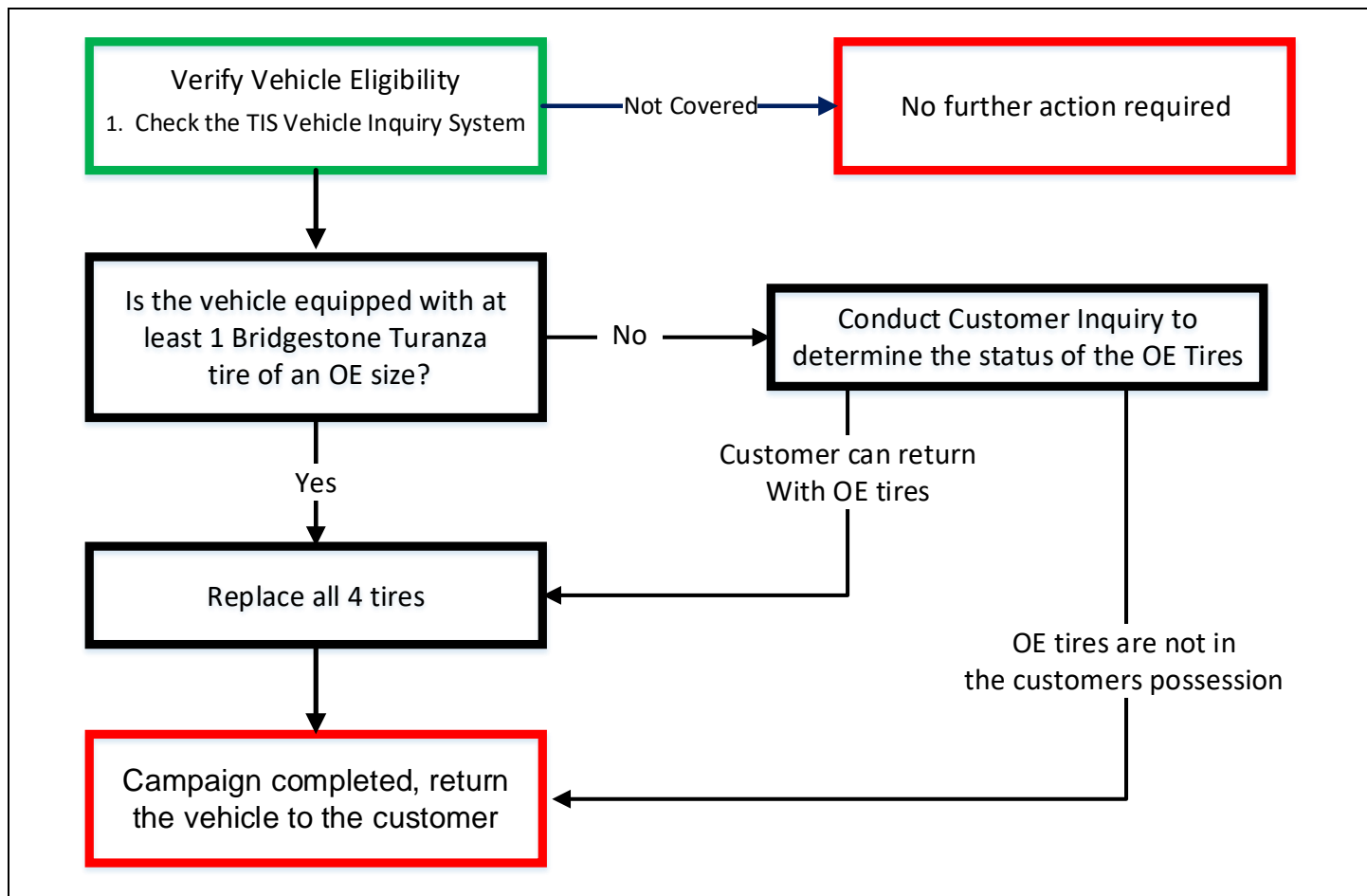
CERTAIN 2018 LS 500 & LS 500h

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 recall repair are required to currently hold at least one of the following certification levels:

- Certified
- Senior
- Master

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 it 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

Tire Size	Part Number	Quantity	Source
245/45RF20	42652-50C90	4 total (Size may be different from front to rear)	Tires will be ordered through Dealer Tire
275/40RF20	42652-50D00		
245/45RF20	42652-11070		
275/40RF20	42652-11080		
245/50RF19	42652-50D50		

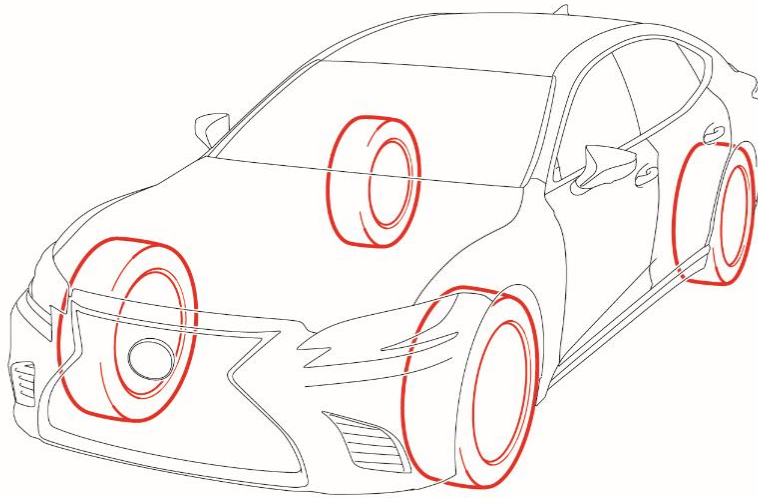
Part Number	Part Description	Quantity
04423-33060	Fitting Kit, Tire Pressure Monitor or Balancer Valve	4

B. TOOLS & EQUIPMENT

- Standard Hand Tools
- Tire Balancer
- Torque Wrench
- Electric drill
- Tire Mounting Machine
- Drill bit: 3/8" or larger

IV. BACKGROUND

The involved vehicles are equipped with run-flat tires that were assembled to the wheels improperly. There is a possibility that a crack could develop on the sidewall reinforcement layer of the tires. Under certain driving conditions, portions of the tire tread layer could separate, causing a reduction of vehicle stability and increasing the risk of a crash.

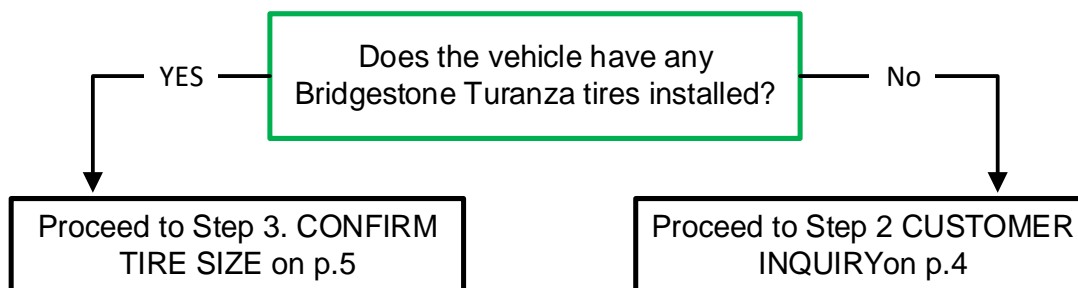
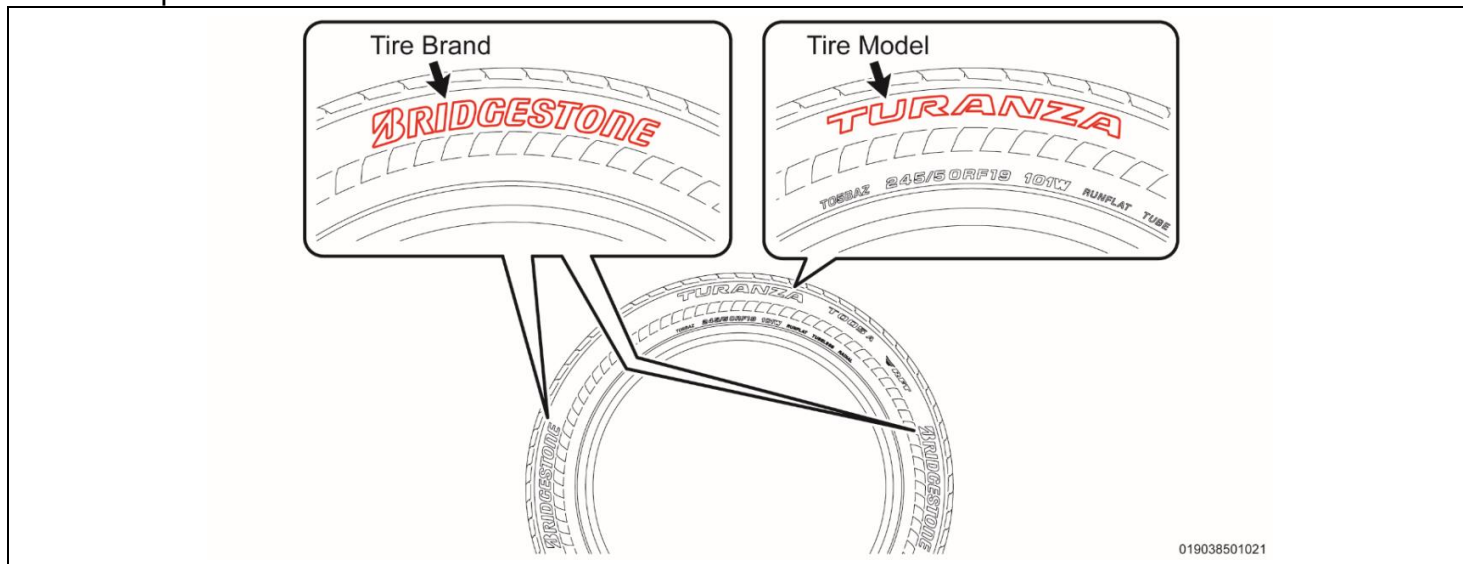


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V. WORK PROCEDURE

1. INSPECT THE TIRE BRAND AND MODEL

a. Inspect the brand and model of all 4 tires on the vehicle.



Note: It is not possible to distinguish between the Original Equipment Bridgestone Turanza tires and Bridgestone Turanza replacement tires as bought in the aftermarket. Therefore, any Bridgestone Turanza tire on an effected vehicle, matching the requirements, should be replaced. Be sure to replace all 4 tires, even if only 1 tire was an OE Bridgestone Turanza.



If the OE Bridgestone Turanza tires were removed from the vehicle with useable tread remaining, it's critical that the OE tires are located and destroyed to prevent their installation onto a different vehicle.

2. CUSTOMER INQUIRY

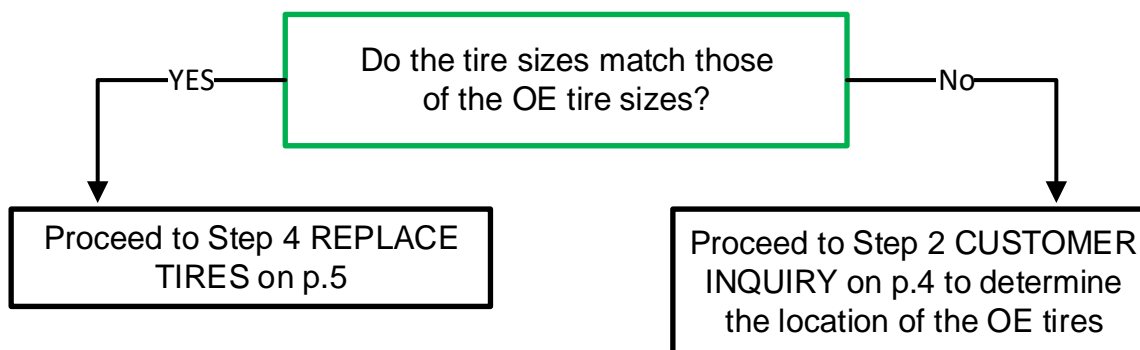
If the customers vehicle does not have Original Equipment (OE) Bridgestone Turanza tires mounted, it will be necessary to question the customer to determine the status of these tires. Consider the following points when talking with the customer:

- The customer may have snow tires mounted on the vehicle. If so, request the customer to bring the OE Bridgestone Turanza tires into the dealership for replacement.
- The OE Bridgestone Turanza tires may have worn out and been replaced with a different brand or incorrect size tire. If so, no tire replacement will be necessary. An Warranty Operation Code is available for an inspection only, and will close the campaign when used.
- If even 1 tire on the vehicle meets the replacement requirement, all 4 tires will be replaced.

3. CONFIRM TIRE SIZE

a. Inspect the size of all 4 tires to confirm they match one of the OE tire size sets:

- Front & Rear: 245/50RF19
- Front & Rear: 245/45/RF20
- Front: 245/45RF20 Rear: 275/40RF20



4. REPLACE TIRES

- Replace all tires on the vehicle that meet the standards detailed above, being sure to order the **NEW** Bridgestone Turanza tires in the same sizes as originally equipped on the vehicle.
- Install a **NEW** Tire Pressure Monitor fitting kit.
- Adjust the air pressure to the standard indicated on the sticker inside the driver's door jamb.
- Torque the wheel lug nuts:

Torque: 140 N·m (1428 kgf·cm, 103 ft.lbs)

5. DISPOSAL OF ORIGINAL TIRES



It is CRITICAL that the original tires are not reused on a different vehicle. BE SURE to follow the steps detailed below to ensure the OE Bridgestone Turanza tires cannot be reused.

- Using a drill and drill bit of 3/8" or larger, drill a hole in the sidewall of the tire.
- Dispose of the OE tires in accordance with all local and federal regulations.

◀ VERIFY REPAIR QUALITY ▶

- Verify that tire pressure are set correctly.
- Verify that wheel lug nut torque is correct.
- Confirm that the Tire Pressure Monitoring System (TPMS) is displaying the tire pressures correctly.
- Verify that the OE Bridgestone Turanza tires have been properly destroyed and disposed of in accordance with all local the federal regulations.

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

10. 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.***

B. CAMPAIGN DESIGNATION DECORDER

