

Stefan Brand / TMS Customer Services Division
August 3, 2006
Approved By: David Zellers

To: All Toyota Dealers
From: Toyota Customer Services

2006 AUG 11 P 3:08

TECHNICAL INVESTIGATION

**Special Service Campaign (SSC) 60D
Certain Early 2007 Model Year FJ Cruiser Vehicles**

CHANGE TO TECHNICAL INSTRUCTIONS!

*******URGENT*****URGENT*****URGENT*****URGENT*******

Please forward this **URGENT** message to your Service and Parts Managers.

SSC 60D on certain early 2007 model year FJ Cruiser vehicles entails the replacement of the factory equipped tires due to damage caused during the tire-to-wheel mounting process during vehicle production.

Effective immediately:

- Please skip the step to check the DOT Serial Number on the tires. Toyota has discovered an error in the DOT Serial Numbers of the technical instructions.
- If the involved vehicle's tires are Bridgestone Dueler H/T P265/70R17 or Dunlop Grandtrek AT20 P265/70R17 tires, simply replace all tires (including the spare).
- You do not need to inspect the tires for damage. The damage can be difficult to find. Simply replace the tires.
- As always, please verify vehicle eligibility by confirming through Dealer Daily/TIS prior to performing repairs.

If your dealership requires further clarification on the repair procedures, please refer to TIS for the Technical Instructions, they have been revised to reflect this change. You may also contact your Region/Private Distributor Representative or call the TAS Hotline.

DO NOT use the 6531C1 Inspection Only Operation Code unless the repair order date is prior to today. This op. code will be discontinued. Dealers will no longer be able to submit claims using this op. code. A new operation code for inspection only, in case of aftermarket tires, will be released shortly.

We apologize for any confusion this may have caused.
Thank you for your cooperation.

TOYOTA MOTOR SALES, U.S.A., INC.

TECHNICAL INSTRUCTIONS

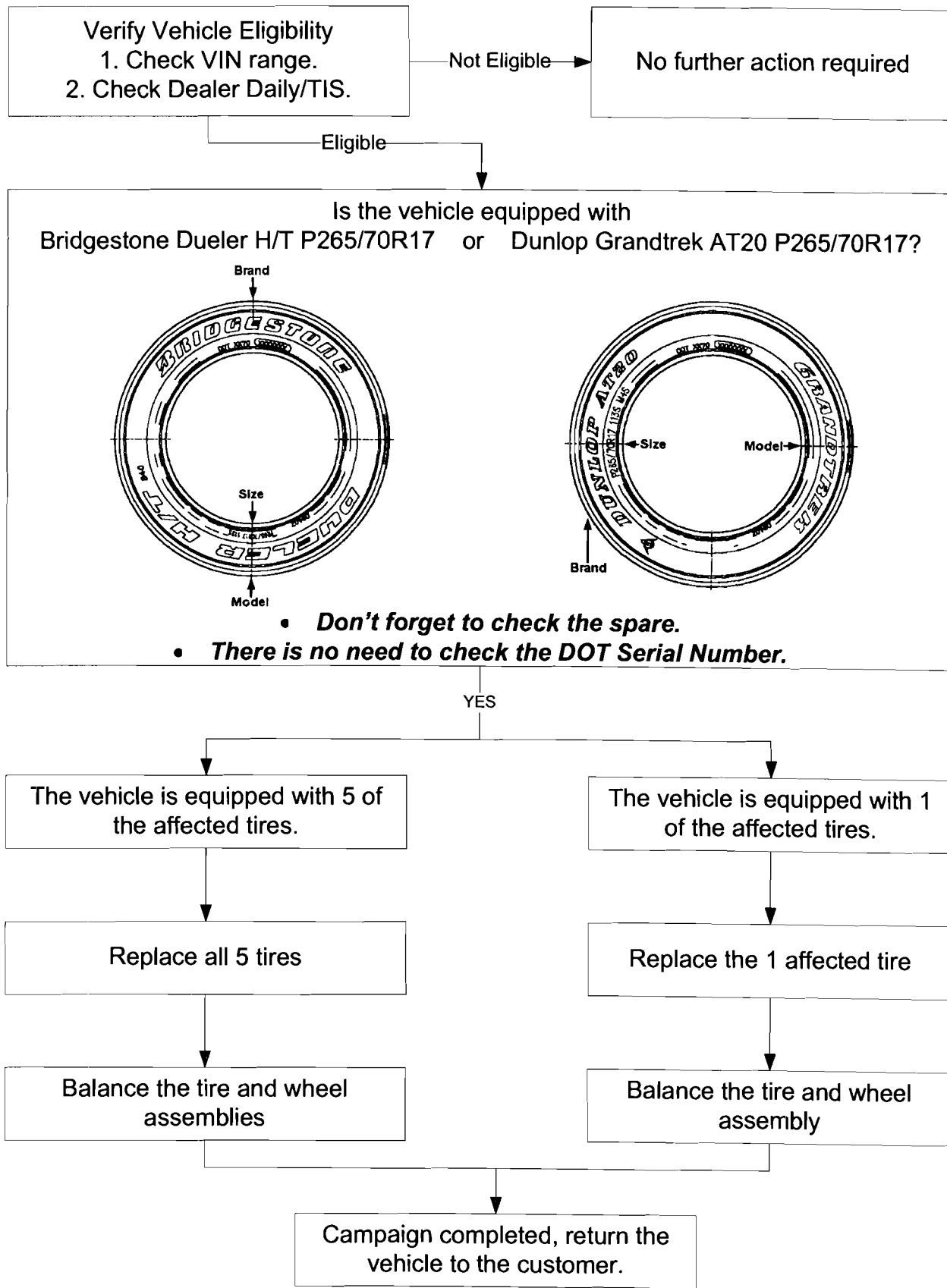
FOR

SPECIAL SERVICE CAMPAIGN 60D

**EARLY 2007 MODEL YEAR FJ CRUISER VEHICLES EQUIPPED WITH
BRIDGESTONE DUELER H/T P265/70R17 OR
DUNLOP GRANDTREK AT20 P265/70R17 TIRES**

REVISED August 2, 2006

I. OPERATION FLOW CHART



NOTE: You do NOT need to inspect the original Bridgestone or Dunlop tires for damage. Simply replace the tires if they are the applicable brand/size.

II. IDENTIFICATION OF AFFECTED VEHICLES

A. AFFECTED VIN RANGE

Model	Year	WMI	VIN Range	
			VDS	Ranges
FJ Cruiser	2007	JTE	BU11F	0001029 – 0011264
			ZU11F	0001017 – 0002528

NOTE:

Not all vehicles in the VIN range are affected:

- Check Dealer Daily/TIS to confirm the VIN is involved in this SSC.
- This will verify the vehicle is affected and has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.

III. PREPARATION

A. PARTS

Part Number	Part Description	Quantity
N/A	Bridgestone Dueler H/T P265/70R17 113S	1 or 5*
N/A	Dunlop Grandtrek AT20 P265/70R17 113S	1 or 5*

NOTE:

* The number of tires needed will be determined after verification of the tire brand and size.

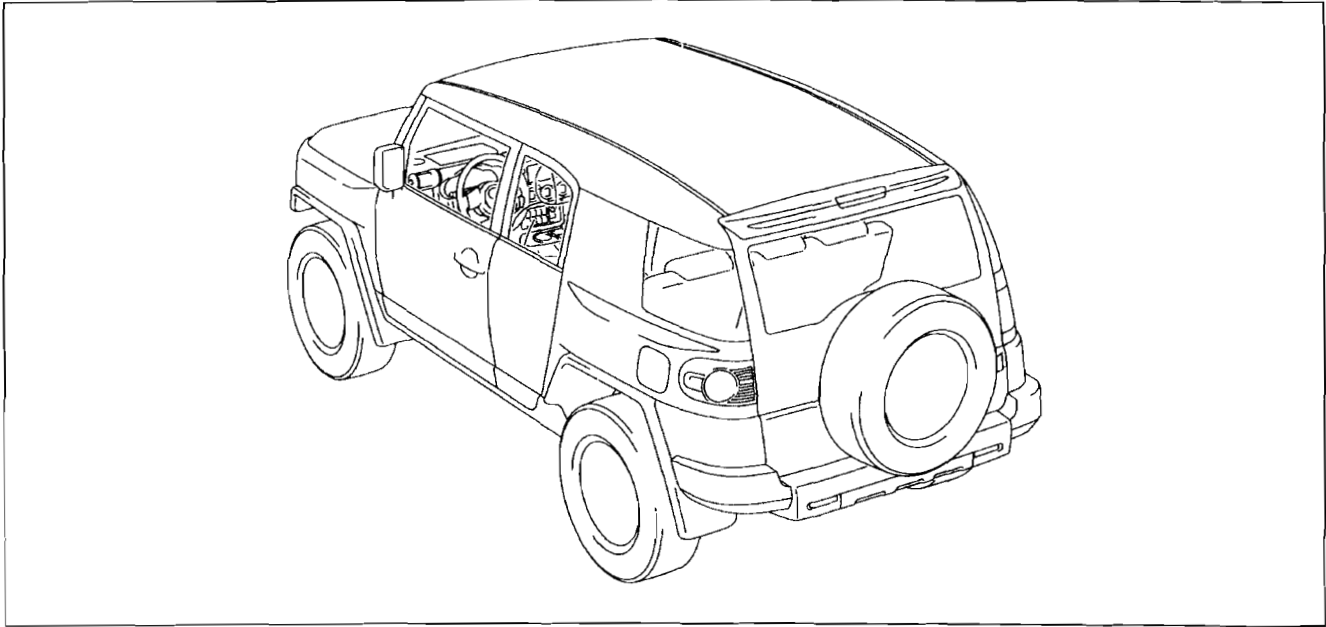
B. TOOLS

- Standard hand tools
- Torque wrench
- Tire pressure gauge and inflator
- Valve core tool
- Drill
- Drill Bit

C. EQUIPMENT

- Tire changer machine
- Wheel balancer machine

IV. COMPONENTS

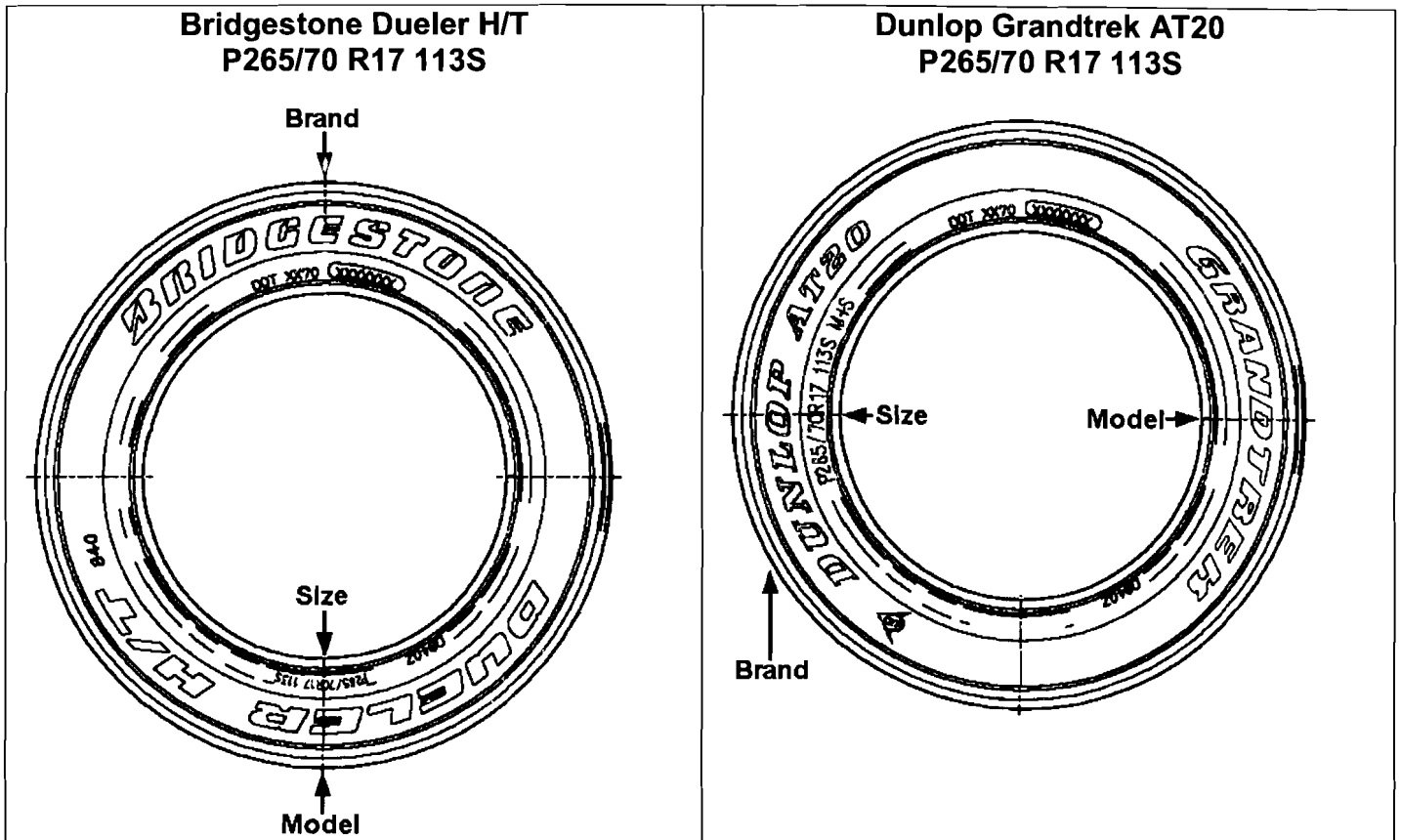


V. BACKGROUND

During the tire-to-wheel assembly process for the 2007 FJ Cruiser equipped with either Bridgestone Dueler H/T P265/70R17 113S or Dunlop Grandtrek AT20 P265/70R17 113S tires, the inner bead of the tire may have been damaged. If the bead is damaged, a bulge may develop on the sidewall of the tire and/or air may leak from the area of the damaged bead. **All vehicles involved in this campaign require the tires to be replaced**, provided they are equipped with the affected brand and size tire.

VI. WORK PROCEDURE

A. TIRES INVOLVED IN SSC 60D



1. THE TIRES INVOLVED IN THIS CAMPAIGN ARE:

- If the tires are the applicable Bridgestone or Dunlop brand/size, replace the tires.
- **DO NOT** check the tires for damage. (The damage may be difficult to find.)
- **DO NOT** check the DOT Serial Number. Simply replace the tires if they are the applicable Bridgestone or Dunlop Tire.

Involved Bridgestone Tires:

- **Model:** Dueler H/T
- **Size:** P265/70R17 113S

Involved Dunlop Tires:

- **Model:** Grandtrek AT20
- **Size:** P265/70R17 113S

2. DON'T FORGET THE SPARE TIRE

B. TIRE REMOVAL AND INSTALLATION

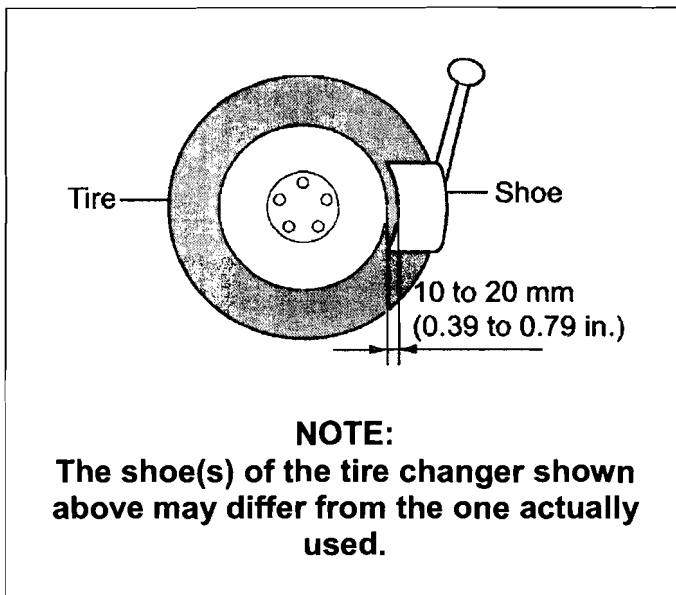


NOTE:

- WHEN REPLACING TIRES, REPLACE ONLY WITH THE SAME BRAND, MODEL, AND SIZE TIRES THAT THE VEHICLE WAS ORIGINALLY EQUIPPED WITH.
- DO NOT INSTALL BRIDGESTONE TIRES ON A VEHICLE ORIGINALLY EQUIPPED WITH DUNLOP TIRES.
- DO NOT INSTALL DUNLOP TIRES ON A VEHICLE ORIGINALLY EQUIPPED WITH BRIDGESTONE TIRES.

1. REMOVE THE INVOLVED TIRE(S) FROM THE VEHICLE

- a) Remove the involved tire(s) from the vehicle.



2. REMOVE THE TIRE FROM THE WHEEL

- a) Remove the wheel weights.
- b) Remove and discard the cap and valve core from the valve stem to release the air from the tire.
- c) Separate the tire beads from the wheel using the shoe(s) of the tire changer.
- d) Dismount the outer bead from the wheel.
- e) Dismount the inner bead from the wheel and remove the tire.
- f) Remove and discard the valve stem

3. INSTALL THE NEW TIRE(S)

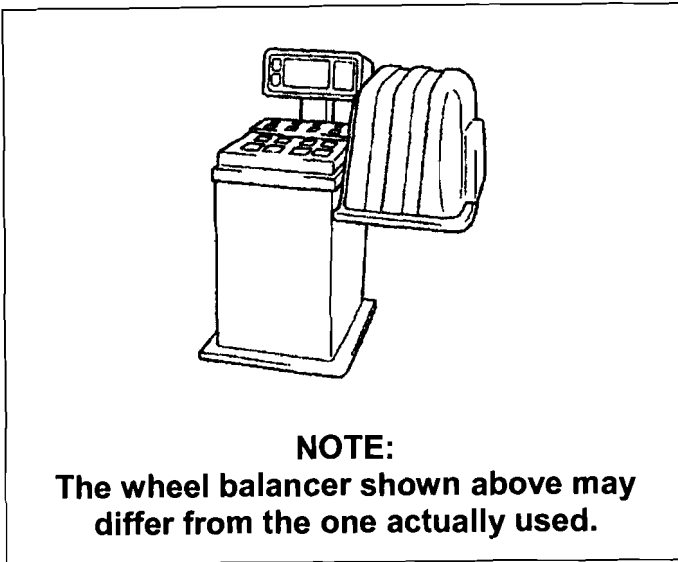
- a) Install a **NEW** valve stem.
- b) Mount the inner tire bead.
- c) Mount the outer tire bead.
- d) Inflate the tire to seat the beads, and adjust the tire pressure to the recommended cold specification.

**Tire Pressure Specification:
220 KPa (2.2 kgf/cm², 32 psi)**

- e) Install the valve stem cap.

4. BALANCE THE TIRE AND WHEEL ASSEMBLY

- a) Perform off-the-car wheel balancing on all tire and wheel assemblies, and install **NEW** wheel weights as needed.



5. REINSTALL ALL TIRE AND WHEEL ASSEMBLIES TO THE VEHICLE

- a) Reinstall all tire and wheel assemblies, and torque to specification.

**Torque Specification:
113 N·m (1,152 kgf·cm, 85 ft·lbf)**

VII. USED TIRE DISPOSAL INSTRUCTIONS

Used tires are considered hazardous waste that must be disposed of in the proper manner according to local, state, and federal regulations for hazmat waste.

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.

For all used tires removed from the involved vehicle, drill a 1" hole in the sidewall.