

S-SB-0015-13

April 29, 2013

Excess Water Accumulation in Rear Spoiler

Service
 Category Vehicle Exterior

Section Exterior Panels/Trim

Market USA

Scion Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	tC	

Introduction

Some 2013 model year tC RS 8.0 vehicles may exhibit excessive water accumulation inside the two-piece rear spoiler after heavy rain and/or snow. The rear spoiler has been modified to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
ZT1701	R & R Rear Spoiler	0.7	PT29A-21130-50	66	57

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
PT29A-21130-50	Same	Rear Spoiler	1

Excess Water Accumulation in Rear Spoiler

Required Tools & Equipment

REQUIRED MATERIAL	QTY
Heat Gun	1
Cleaner – 3M™ Prep Solvent-70	As needed
Sealant – 3M™ Ultrapro™ Autobody Sealant	As needed

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Plastic Pry Tool Set*	<u>00002-06000-01</u>	1

* Essential SST.

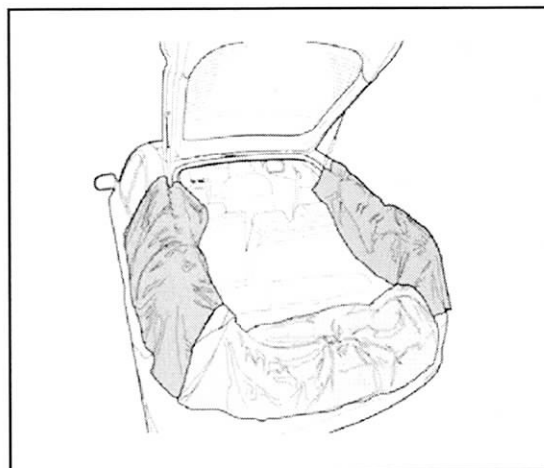
NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

Repair Procedure

1. Remove interior trim.
 - A. Open the lift gate.
 - B. Place blankets inside the cargo area and the lift gate opening.

Figure 1.

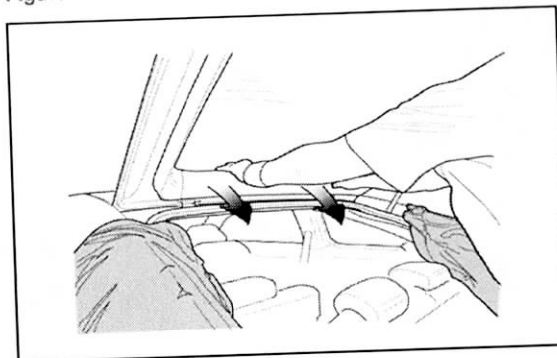


Excess Water Accumulation in Rear Spoiler

Repair Procedure (Continued)

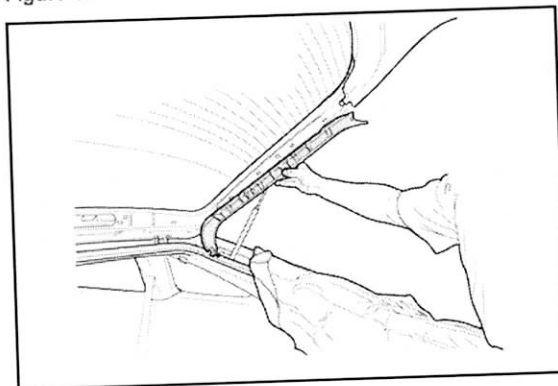
- C. Remove the trim panel across the inside of the lift gate window.

Figure 2.



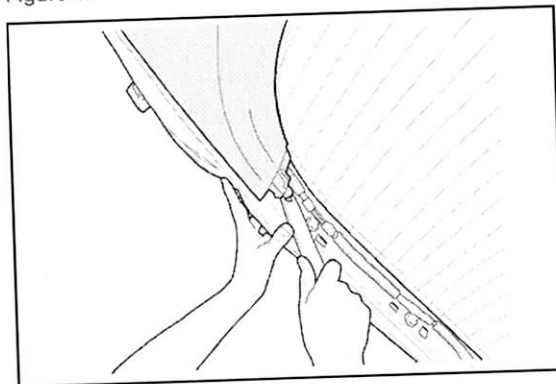
- D. Remove the LH and RH trim panels on the sides of the lift gate window.

Figure 3.



- E. Remove the 2 plastic fasteners at the top of the lift gate trim panel and remove the panel. Retain the plastic fasteners for reinstallation.

Figure 4.



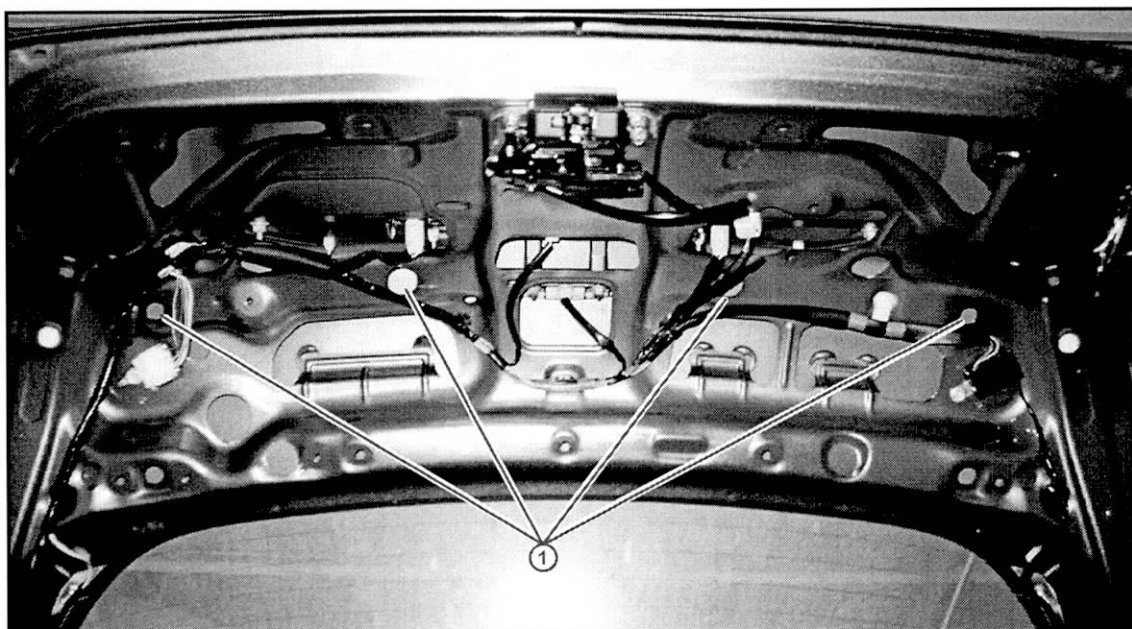
Excess Water Accumulation in Rear Spoiler

Repair Procedure (Continued)

2. Remove the spoiler.

- A. With the lift gate open, loosen and remove the 4 nuts on the studs. Utilize the 4 access holes in the inner panel for the removal of these nuts.

Figure 5.

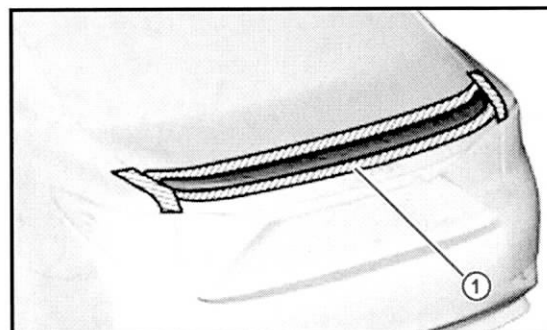


1 Access Holes

B. Close the lift gate.

- C. Remove the rear spoiler making sure the lift gate does NOT get damaged. Discard the rear spoiler once removed.

Figure 6.



1 Protective Tape

NOTICE

If it is necessary to pry against the tailgate to remove the spoiler, apply protective tape around the rear spoiler as shown.

Excess Water Accumulation in Rear Spoiler

Repair Procedure (Continued)

3. Prepare the deck lid for spoiler installation.

- A. Clean the deck lid of any tape residue.

- (1) Using a heat gun, lightly heat the spoiler mounting surface.

Temperature Range: 104 – 140°F (40 – 60°C)

NOTICE

Heating the surface of the vehicle excessively will damage the finish of the vehicle. Use caution to NOT overheat the deck lid.

- (2) Remove the double-sided tape from the deck lid.

- (3) Wipe off any tape adhesive residue with soap and water.

- B. The trunk lid where the spoiler attaches must be cleaned with 3M™ Prep Solvent-70 and a lint-free cloth.

- C. After cleaning, carefully apply 3M™ Ultrapro™ Autobody Sealant to all 6 drilled hole edges.

The trunk and spoiler should be a minimum of 60°F (16°C) for proper set-up of adhesive tape. Use a hot air blower to heat the surface if the temperature is below 60°F (16°C).

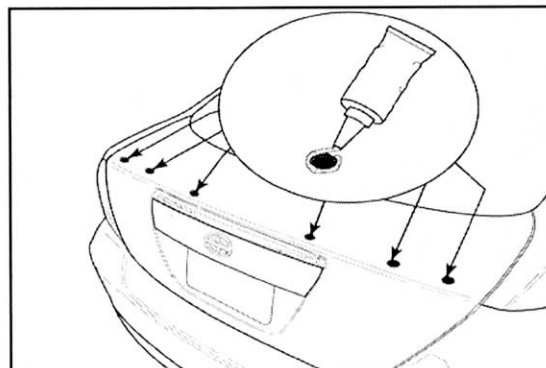


Figure 7.

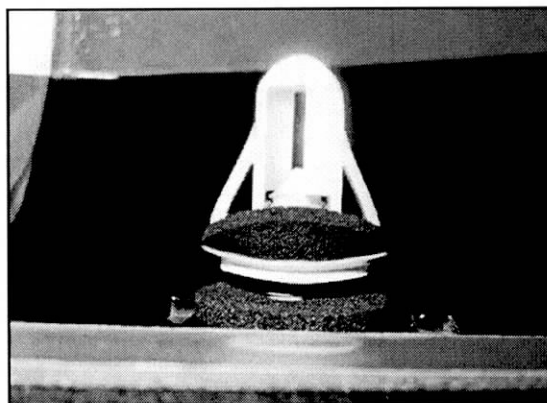
Excess Water Accumulation in Rear Spoiler

Repair Procedure (Continued)

4. Prepare spoiler for installation.

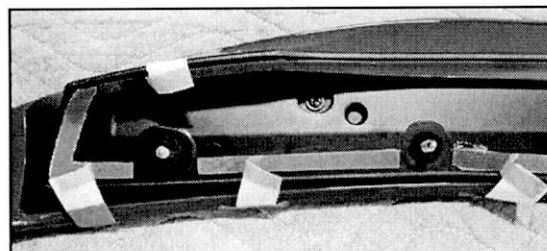
- A. Screw a white plastic grommet on each of the 2 outer metal studs 2 turns as shown.

Figure 8.



- B. At all locations where there is a tape pull, lift the end of the liner, fold it back onto the exterior surfaces, and hold the tape pull in place with masking tape as shown.

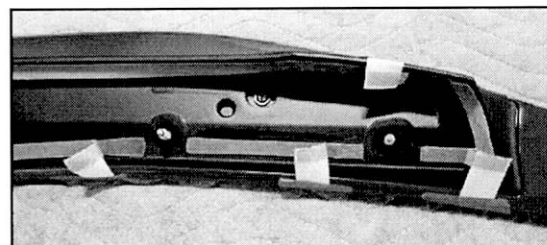
Figure 9.



NOTE

Do NOT completely remove the tape liner at this time.

Figure 10.



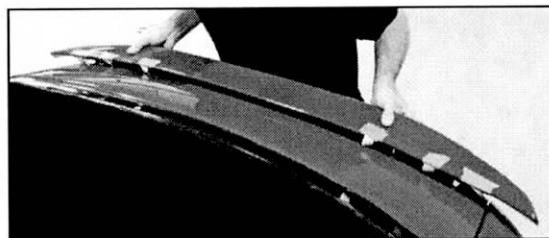
Excess Water Accumulation in Rear Spoiler

Repair Procedure (Continued)

5. Attach the spoiler to the lift gate.

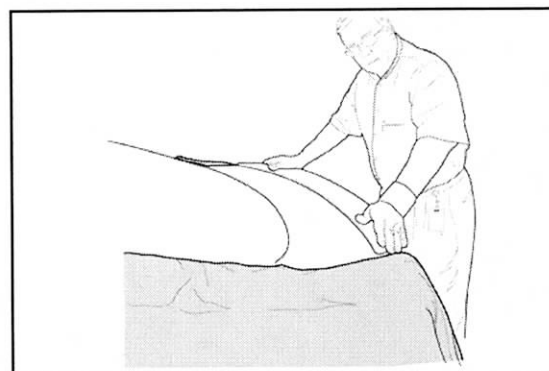
- A. Position the spoiler over the lift gate with the drill holes aligned to the spoiler studs.

Figure 11.



- B. Lower the spoiler down into place and press down on the tips to fully engage the 2 end plastic grommets.

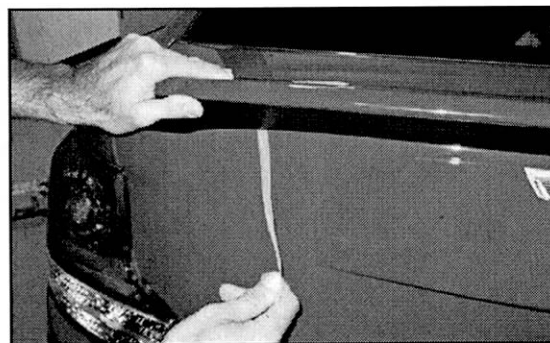
Figure 12.



- C. Open the lift gate and loosely install the 4 nuts to the studs. Do NOT tighten these nuts completely, but get them far enough on the studs so that the spoiler will not come off. There are 4 tool access holes in the inner panel for installation of these nuts.

- D. Close the lift gate and, while carefully flexing the spoiler out away from the lift gate painted surface, slowly pull each tape liner segment from between the spoiler and the lift gate as shown. Repeat this until all tape liners have been removed.

Figure 13.



Excess Water Accumulation in Rear Spoiler

Repair Procedure (Continued)

- E. Press the spoiler against the lift gate working across the back and then across the front edge as shown.

Figure 14.

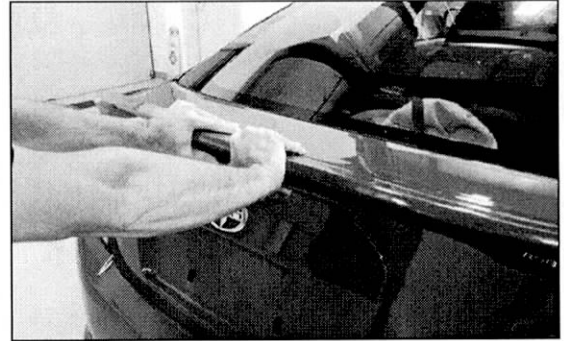
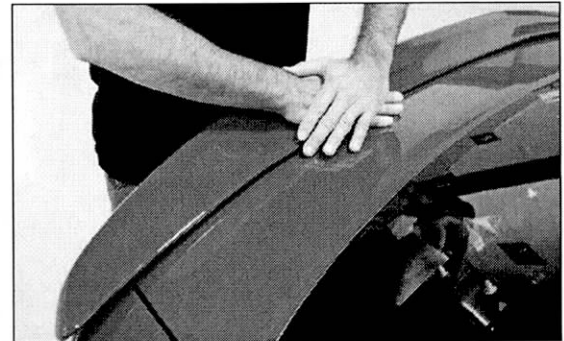


Figure 15.



- F. Open the lift gate and tighten the 4 flange nuts. Using a torque wrench, tighten the nuts.
Torque: 6.0 N*m (61 kgf*cm, 53 in*lb)
6. Install the interior trim in the reverse order of removal. Be sure that all the panel clips are engaged upon reassembly.