

**Southeast Toyota Distributors, LLC  
Accessory Installation Instructions**

## 2018 Highlander Running Board

Year & Model:	2018 Highlander
Part Number:	00016-48031
Accessory Code:	RB1210
PIO / DIO:	PIO / DIO
Business Partner:	J78

### Conflicts

Factory or PIO Running Boards
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### General Applicability

Fits All 2018 Models
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### Additional Items Required For Installation

Item#	Description:
1.	Torque Audit Sheet (PIO, Only)
2.	<b>Note:</b> For PIO Install Using Atlas Copco Torque Management Equipment.

### Sequence of Application

Item#	Accessory:
1.	SET Flares
2.	SET Running Boards

#### **SPECIALNOTE: Installation Sequences**

After TMS & Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install & in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

### Recommended Tools

<b>Safety Tools</b>	
Safety Glasses	
<b>Installation Tools</b>	
Torque Wrench	Torque Wrench (0-50ft-lbs)
Socket	16mm
Ratchet	3/8" or 1/2" Drive
Extension	3" Ext.
Flat Putty Knife/Scraper	1"- 1 1/2" Wide
<b>Special Chemical</b>	
(None Required)	

### Legend

	<b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been complied with.
	<b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury.
	<b>CAUTION:</b> 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.
	<b>TOOLS &amp; EQUIPMENT:</b> Used in Figures calls out the specific tools and equipment recommended for this process.
	<b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.
	<b>SAFETY TORQUE:</b> This mark indicates that torque is related to safety.

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**Kit/Hardware Bag Contents:**

<b>Item #</b>	<b>Quantity</b>	<b>Description</b>
1.	1	Driver Side Running Board Assembly
2.	1	Passenger Side Running Board Assembly
3.	8	10mm Bolt Plates
4.	8	10mm Hex Nuts
5.	4	Support Plates
6.	8	Plastic Bolt Plate Retaining Clips

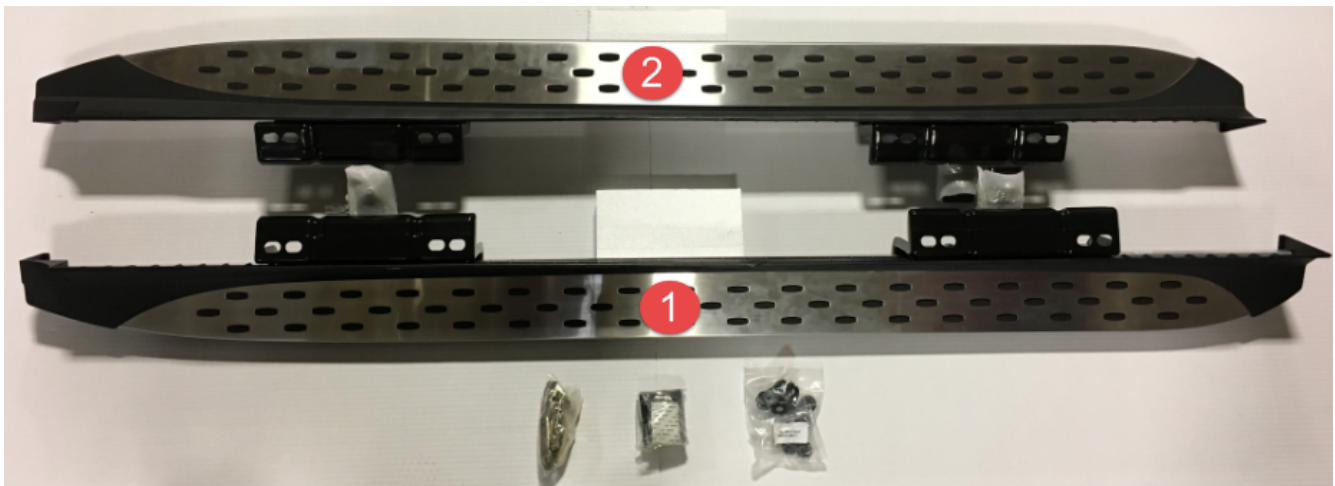
**Parts for Installation:**

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, re-checking torque procedure, etc.).
- Vehicle Disassembly/ Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Item #	Quantity	Description
1.	1	Driver Side Running Board Assembly
2.	1	Passenger Side Running Board Assembly



Preparation

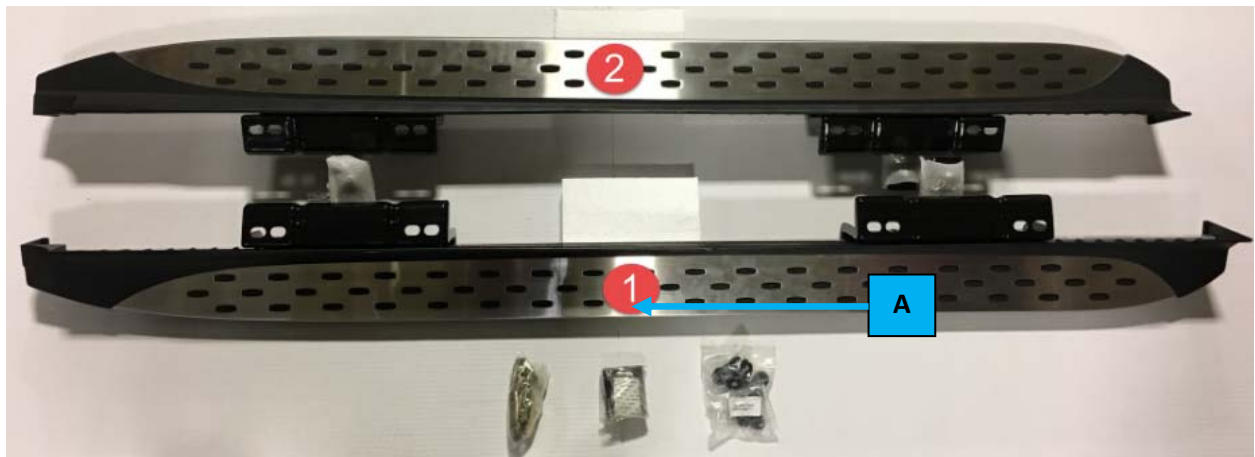
**Service & Warranty Information:**

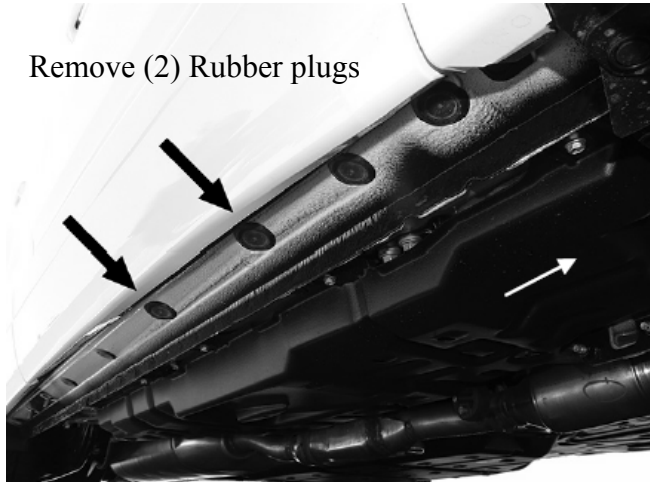
Image Key	Parts information		Warranty Information	
	Part Number	Description	Warranty Time	Labor Op. Code
N/A	00016-48031	Highlander Running Boards	N/A	N/A
1	00016-48031-01	Left Board	0.5	ATR011
2	00016-48031-02	Right Board	0.5	ATR011
A	00016-48031-03	Bracket Kit w/ HW	0.5	ATR021

Note: Combo Code A applicable to ATR011 and ATR021 for additional 0.2 hours when replacing both sides.

**Image:**

If you are a dealer located outside of the Southeast Region, please contact the SET Accessory Warranty Department at (888) 851-2722 or email [Accessory.Warranty@SEToyota.com](mailto:Accessory.Warranty@SEToyota.com) for claim payment instructions.





Remove (2) Rubber plugs

Passenger side front location

Figure 1

Insert the bolt plates into the factory holes with plate pointing toward front of vehicle.



Figure 2

Passenger side front location



Figure 3

**NOTE:** All fasteners using sealer or loctite on threads must be checked within five minutes of installation to prevent compromising sealer or loctite. Fasteners using nylon or crimped locking nuts must be checked within five minutes of installation to prevent compromising the nylon or crimp locking mechanism.

**1.)Vehicle Preparation**

- a) Remove contents from box.
- b) Verify all parts are present.
- c) Read instructions carefully.
- + d) Working under a vehicle requires installer to wear safety glasses.

**2.)Passenger Side Assembly Installation**

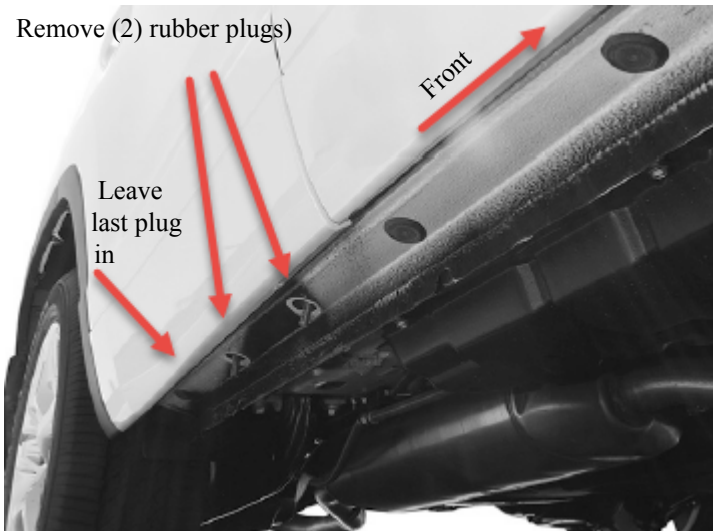
- a) Starting on the passenger side of the vehicle, locate the (9) factory rubber plugs running along the bottom of the outer body panel. Figure 1.
- b) Counting from the front tire opening toward the back, remove the plugs from the 3rd and 4th holes. Figure 1.
- c) Select (2) 10mm Bolt Plates, Figure 2.
- d) Bolt Plate Retaining Clips, Figure 3.



Figure 4

- e) Slide Bolt Plate Retaining Clip over the threaded end of each Bolt Plate and up against and into the factory hole in the body panel. Figures 4 & 6.

- f) Move along the body panel to the 7th and 8th rubber plugs. Remove the rubber plugs leaving the final (9th) plug in. Figure 5.



Passenger side rear location

Figure 5

- g) Select (2) 10mm Bolt Plates and (2) Bolt Plate Retaining Clips, Figure 2 & 4. Repeat **Steps 2c—2e** to install (2) Bolt Plates in the rear mounting location. Figure 6.

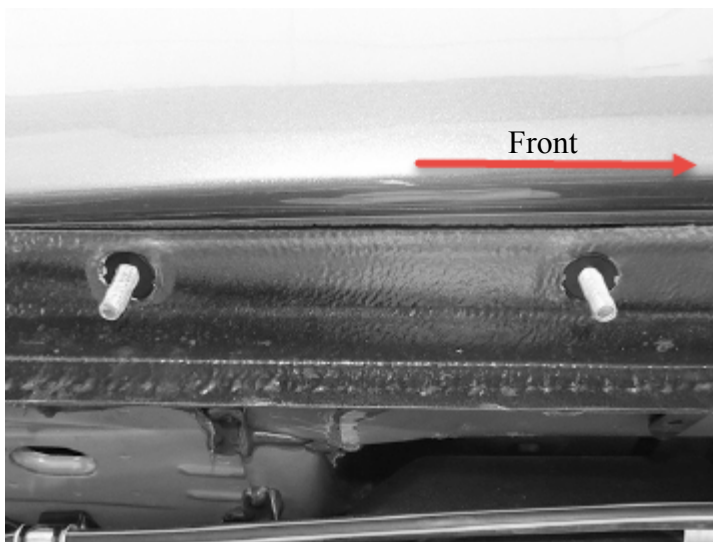
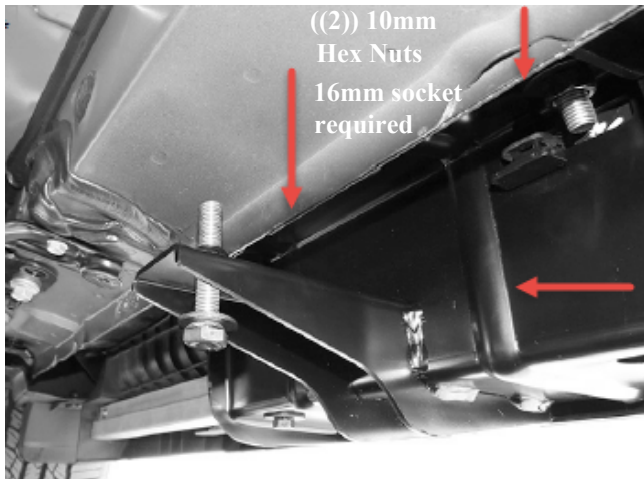



Figure 6






Passenger side front bracket

Figure 7

- h)  Carefully unpack the Running Boards. Select the passenger side Running Board assembly with preinstalled Brackets from the clear/white bag. With assistance, align the assembly up to the (4) previously installed Bolt Plates. Figure 8b.

- i)  Attach the Running Board assembly to the (4) Bolt Plates with (4) 10mm Hex Nuts, Figures 7, 8a & 8b. Hand tighten at this time only.

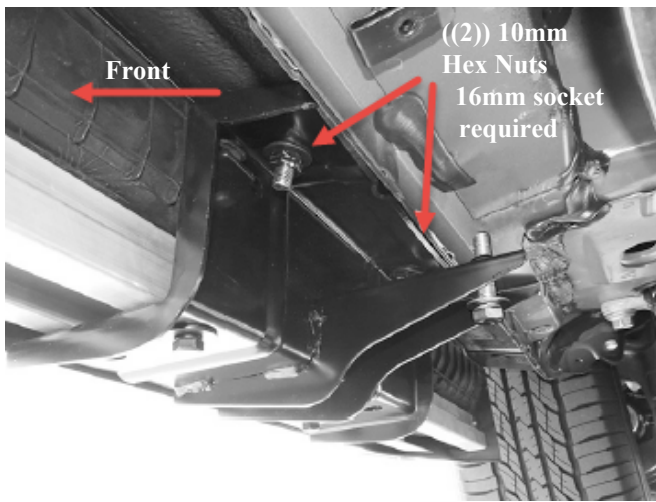


Figure 8a.



Passenger side bracket bolt plate alignment locations

Figure 8b.



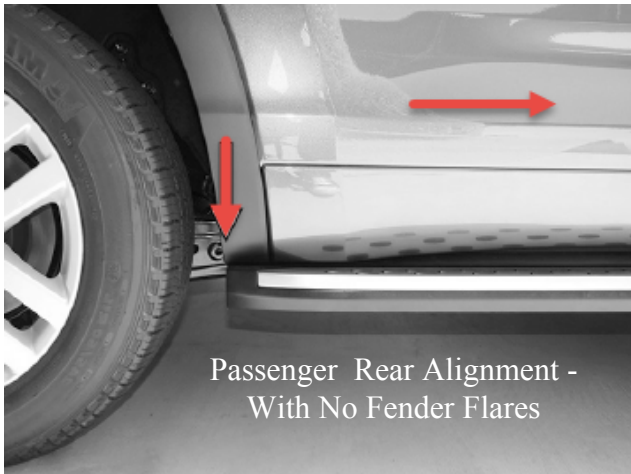


Figure 9a.

- ⚠ j) Line up the rear of the Running Board with the bottom corner of the body Figure 9a & 9b. Push the Running Board in against the pinch weld.



Figure 9b.

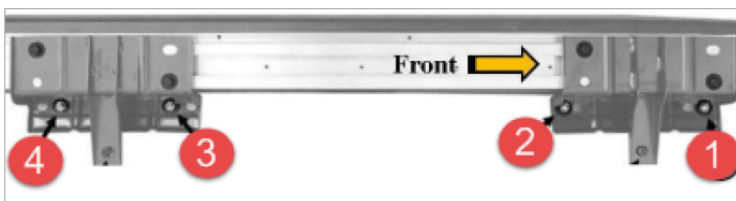
- ⚠ k) Once the Running Board is properly lined up with the body, starting with the front Hex Nut, tighten the (4) 10mm Hex Nuts attaching the Brackets to the Bolt Plates to 28ft-lbs. Figure 10.



Note: Use of electric or air impact **IS NOT ALLOWED DURING INITIAL NUT RUNDOWN.** Refer to page 12 for torque sequence.

*Note: See Torque Verification & Audit Sheet for proper nut rundown information.*

Passenger side bracket bolt plate alignment locations



Use a 16mm socket

Figure 10

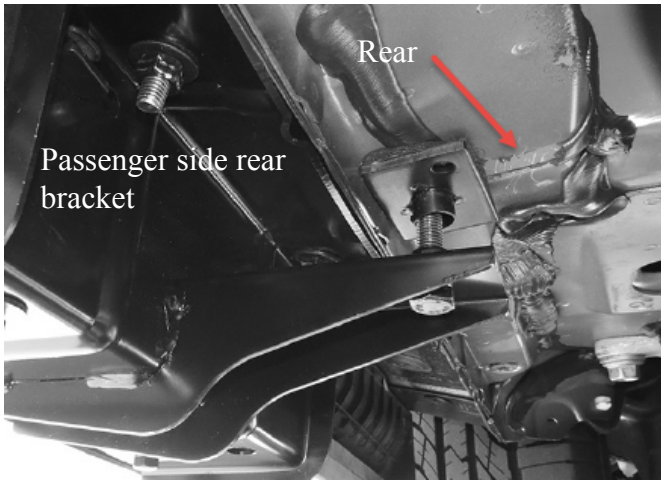


Figure 11

- ⚠ 1) **IMPORTANT:** Use a putty knife or scraper to remove any body sealant or excessive undercoating under the Support Plate before completing installation. Figure 11. Support Plate must rest flat against the floor panel.

- ⚠ S 2) m) Insert the Support Plate between the vehicle body panel and the Hex Bolt. Tighten the Hex Bolt to 23ft-lbs. Figure 11.

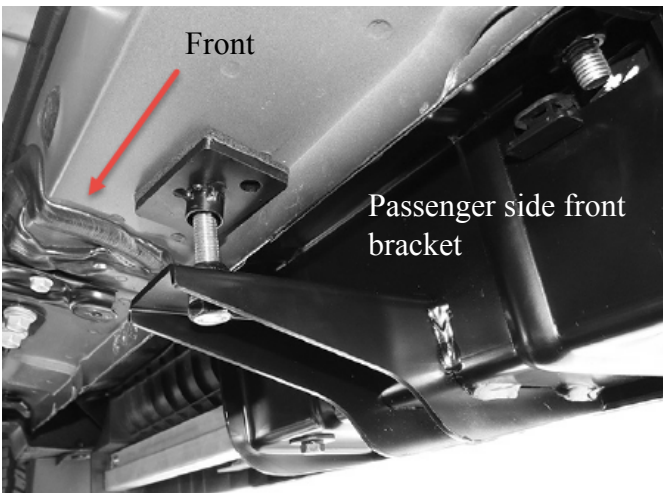


Figure 12

- ⚠ 3) n) Move to the front Mounting Bracket. Repeat **Steps 2-1 & 2-m** to install the Support Plate in the front Mounting Bracket. Tighten the Hex Bolt to 23ft-lbs. Figures 7, 10 & 12.

- ⚠ 4) o) Slowly open front and rear vehicle doors to check for clearance.

**3. Repeat Step 2 for Driver Side Installation**

Face bolt plates on driver side to the rear of the vehicle. Figure.13 for 10mm Hex Nut locations.

Passenger side bracket bolt plate alignment locations.



Figure 13

**Note:** Never use high speed electric or air impact wrenches to loosen or remove 10mm hex nuts as damage to vehicle can occur due to the crimping nature of the nut.

- p) Print Warranty Statement and place in glove box, DIO Only.

**Functions & Quality Check:**

- ✓ Visual check of running board.
- ✓ Check all bracket bolts for proper torque with torque wrench.

**Look for:**

Visually parallel to vehicle side body and proper alignment to wheel well.

Correct specified torque.



Torque Brackets to the Bolt Plates to 28ft-lbs, (14ft. lbs ~ 42ft. lbs) +/- 50% Torque the Hex Bolts to 23ft-lbs, (17.25ft. lbs ~ 34.5ft. lbs) -25% / +50%

Note: Range provided by QA

- ✓ Warranty Statement

Place Warranty Statement in glove box, DIO Only.



**Running Board Torque Procedure**

- 1) Install running board per install document.
- 2) Use Atlas Copco STB nut runner shown in **FIG 1** to torque fasteners 1-8 to 20 ft-lbs.
- 3) Scan identifiers in the following order. Visually confirm correct entries in controller and flashing red light turns on.



**FIG 1**

- a) VIN Number
- b) Part Number

**Note:** If an incorrect barcode is scanned, complete the scan procedure then repeat until correct identifiers have been received.



**FIG 2**

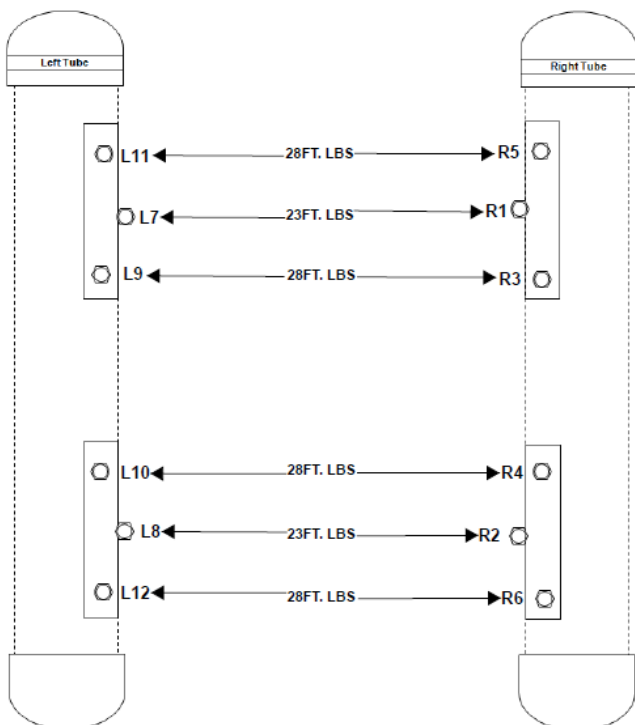
- 4) Once job is complete verify on controller.
- 5) Use Atlas Copco ST Wrench shown in **FIG 2** to torque ALL fasteners to final torque.
- 6) Scan identifiers in the following order. Visually confirm correct entries in controller and flashing red light turns on.

- a) VIN Number
- b) Part Number

**Note:** If an incorrect barcode is scanned, complete the scan procedure then repeat until correct identifiers have been received.

- 7) Once Job is completed verify on controller.

**Part Number: 00016-48031**



**FIG 3**

## LIMITED WARRANTY – SOUTHEAST TOYOTA

SOUTHEAST TOYOTA DISTRIBUTORS, LLC ("we," "our" and "us") provides the following limited warranty on our accessories, excluding tires, ("Accessories" or "Accessory") installed on a Toyota. This limited warranty is not provided by and does not bind or provide benefit to the vehicle dealer, the manufacturer, or Toyota Motor Sales, U.S.A., Inc. This limited warranty does not apply to tires; please consult the tire manufacturer and/or its materials accompanying the vehicle for any warranty terms concerning tires. This limited warranty also does not apply to ToyoGuard Exterior Paint Sealant and ToyoGuard Interior Protector; please consult the ToyoGuard Limited Warranty Certificate for the warranty terms concerning those products.

### SCOPE OF LIMITED WARRANTY:

#### A. Protection:

- i. **Accessories Installed by Southeast Toyota Distributors, LLC on a new Toyota vehicle.** We warrant that, for a period of 36 months or 36,000 miles, whichever occurs first, we will repair or replace (includes labor), free of charge, any defect in such an Accessory due to faulty material or workmanship, or, at our option, provide a full refund of the purchase price of the Accessory. The warranty period begins on the vehicle's In-Service Date, which is the first date the new vehicle is either delivered to an ultimate purchaser, leased, or used as a company car or demonstrator. Accessories installed by Southeast Toyota Distributors, LLC are identified on the vehicle's window sticker (Monroney Label).
- ii. **Accessories Installed by a Toyota Dealer on a Toyota vehicle.** We warrant that, for 12 months, regardless of mileage, from the date such an Accessory was installed on the vehicle or the remainder of the Toyota new vehicle warranty, whichever is longer, we will repair or replace (includes labor), free of charge, any defect in the Accessory due to faulty material or workmanship, or, at our option, provide a full refund of the purchase price of the Accessory. For a new vehicle, the warranty period begins on the vehicle's In-Service Date, which is the first date the new vehicle is either delivered to an ultimate purchaser, leased, or used as a company car or demonstrator.
- iii. **Accessories purchased from a Toyota Dealer but not installed by the Toyota Dealer.** We warrant that, for a period of 12 months, regardless of mileage, from the date the accessory was purchased, we will repair or replace (does not include labor), free of charge, any defect in the Accessory due to faulty material or workmanship, or, at our option, provide a full refund of the purchase price of the Accessory.

**B. Limitation of Warranty.** This limited warranty does not apply to, and we will not repair, replace, or reimburse you for: (1) wheel balancing and wheel alignments, except for one wheel balancing or alignment during the first 12 months or 12,000 miles, whichever occurs first, from the vehicle's In-Service Date, as defined above, (2) abrasions or dents, whatever their cause, and any failure or damage resulting directly or indirectly from accidents, collisions, impacts from foreign objects, fire, theft, larceny, explosion, malicious mischief, vandalism, civil commotion, riots, war, or any other similar causes, (3) any failure or damage resulting directly or indirectly from lightning, windstorms, hail, water, floods, subfreezing temperatures, airborne chemicals, tree sap, dust, salt, and any other environmental conditions or similar causes, (4) any failure or damage caused by: (a) a failure of any part, other than the Accessory, (b) any misuse, abuse, improper towing, negligence or lack of maintenance of the vehicle or Accessory, (c) the alteration, modification or repair of the Accessory by anyone other than persons expressly authorized by us to perform such alteration, modification or repair, or (d) the use of the vehicle for commercial purposes, competitive driving or racing, (5) any failure or damage, if the Accessory has not been installed according to instructions, (6) any failure or damage occurring outside of Canada, the United States of America, its territories or possessions, (7) except to the extent required by the state whose laws govern this limited warranty, any consequential, secondary, or unreasonable costs that may be suffered as a result of the need to repair or replace the Accessory, including without limitation any loss of use of the vehicle, road service, towing, storage charges, inconvenience, loss of wages and/or income, additional expense incurred, loss of transportation, rental car expense, or any derivative damage to persons or things other than the Accessory, including other parts of the vehicle, or (8) liability for damage to property or for injury to or death of any person, arising out of the operation, maintenance or use of your vehicle whether or not related to the covered Accessory.

**C. Exclusive Remedy.** If there is a valid claim under this limited warranty for a defect due to faulty material or workmanship in the Accessory, we will, at our option, either: (i) repair, (ii) replace or (iii) provide a full refund of the purchase price of the Accessory. We have no other obligations under this limited warranty. Refunds will be made to the vehicle owner. If the vehicle is leased, the refund will be made to the leasing company.

**HOW TO MAKE A CLAIM:** In the event of a warranty claim, please contact the nearest Toyota dealer to arrange for repairs. The dealership must receive our prior authorization before making repairs covered by this limited warranty. The dealer will contact Southeast Toyota Distributors, LLC at 1-888-851-2722, select option #5 (Warranty Department), then option #4 (Repairs), for instructions on processing a warranty claim, if they are not already familiar with the process. If you have any questions or concerns regarding repairs covered by this limited warranty, please contact our **Customer Assistance Hotline at 1-800-301-6859**.

**OUR DISPUTE RESOLUTION PROGRAM:** Your satisfaction is our highest priority. In keeping with that focus, in the event that an issue arises related to this Limited Warranty, we invite you to call our Customer Assistance Hotline at 1-800-301-6859 to discuss it. In most cases, we expect that a satisfactory resolution of your issue can be reached through engagement with that Department. If our Customer Loyalty Department is unable to resolve your issue to your satisfaction, we offer a dispute resolution program administered by the National Center for Dispute Settlement (NCDS) ("the Program"). The purpose of the Program is to resolve disputes in an informal setting before an impartial arbitrator. The Program is free of charge to you (although you must bear the cost of any expert witness or attorney you elect to employ). You are required to complete the Program before exercising rights or seeking remedies under the federal Magnuson-Moss Warranty Act, 15 U.S.C. § 2301 et seq. ("the Act"). If you choose to seek remedies that are not created by the Act, you are not required to use the Program before pursuing such remedies – although the Program is still available to you to resolve the dispute. When utilizing the Program, you will need to provide (a) the vehicle identification number of your vehicle, (b) the identity of your selling and servicing dealerships, (c) the mileage on your vehicle at relevant times, (d) the date and nature of any relevant repairs, (e) legible copies of repair orders and other relevant documents, (f) a summary of the unresolved issue and the requested action, and (g) your contact information. In most cases, the dispute resolution process under the Program will be completed within forty (40) days of your submission of your request and will consist of steps such as an initial eligibility determination, an opportunity for you and us to submit information in writing relating to your claim, an oral hearing, and a decision from the arbitrator. A decision will be binding on you only if you choose to accept it. You may submit a request to NCDS by telephone at their toll free number: (877)-276-8848 or in writing at P.O. Box 463196, Mt. Clemens, MI 48046. You may obtain additional information regarding the Program at [www.ncdsusa.org](http://www.ncdsusa.org). In the event that the NCDS does not exist or no longer handles disputes for us at the time that you seek to submit a request, you may contact our **Customer Assistance Hotline at 1-800-301-6859** to obtain current information about our dispute resolution programs.

**GENERAL LIMITATION OF WARRANTY:** THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES OR LIABILITIES. IN NO EVENT SHALL WE BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE INFORMATION OR EXCLUSION MAY NOT APPLY. NO EXPRESS WARRANTY OF FITNESS OR MERCHANTABILITY IS GRANTED BY THIS LIMITED WARRANTY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THOSE DESCRIBED IN THIS DOCUMENT. ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH MAY BE APPLICABLE BY OPERATION OF LAW SHALL BE LIMITED TO THE PERIOD OF THIS WRITTEN LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY. THIS LIMITED WARRANTY PROVIDES SPECIFIC LEGAL RIGHTS, AND THERE MAY BE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, MUST BE BROUGHT WITHIN A PERIOD NOT EXCEEDING 12 MONTHS AFTER EXPIRATION OF THIS LIMITED WARRANTY. THE REMEDIES SPECIFIED HEREIN AND THOSE SPECIFIED BY APPLICABLE LAW ARE THE ONLY REMEDIES AVAILABLE. WE ASSUME NO OTHER OBLIGATION OR RESPONSIBILITY WITH REGARD TO THE ACCESSORY. WE NEITHER ASSUME, NOR AUTHORIZE ANYONE TO ASSUME FOR US, ANY ADDITIONAL LIABILITY IN CONNECTION HEREWITH.

**GENERAL:** This limited warranty describes the complete and exclusive rights that result from the purchase of Accessories. No oral representations or statements may be relied upon. This limited warranty may not be amended or modified, and additional rights may not be granted, unless in a written statement signed by one of our officers. This limited warranty shall be governed by the laws of the state where the vehicle is purchased, excluding laws concerning conflicts of law. We may delegate the performance of our duties and obligations and assign our rights and benefits hereunder. For inquiries regarding this limited warranty, we can be contacted directly at **Customer Assistance Hotline at 1-800-301-6859**, or by mail to: **Southeast Toyota Distributors, LLC, Attention: Customer Loyalty Department, 100 Jim Moran Boulevard, Deerfield Beach, Florida 33442.**