



MS342-14001 GR Trunk Spoiler

Installation and Operating Instructions Manual

Thank you very much for your purchase of the TRD Trunk Spoiler. This manual contains instructions and points of caution relating to the installation and use of this product. Please make sure to read these instructions prior to installation and properly install and use this product.

Please make sure to give the customer that will use this product the points of caution for its use contained in this manual.

- This product cannot be installed on an unregistered vehicle. Please perform the installation after the vehicle has been registered.

■ Part Number / Compatible Model(s)

Part Number	Model	Compatible Years	Remarks
MS342-14001	Supra	May 2019 ~	

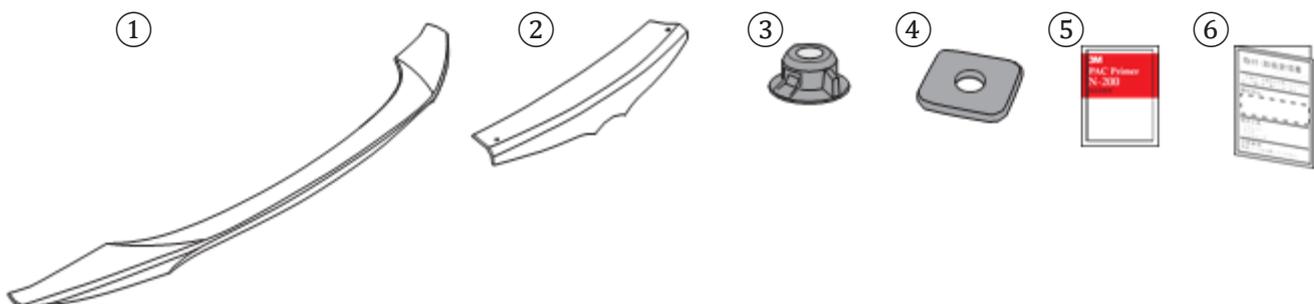
- For the latest information about compatibility, please see the TRD Catalog website at <http://www.trdparts.jp/>.

■ Component Parts

No.	Part Name	Quantity	Remarks
①	Trunk Spoiler	1	
②	Hole-drilling Jig	1	
③	Clip Nut	2	
④	EPT Sealer	2	
⑤	PAC Primer	1	N-200
⑥	Installation and Operating Instructions Manual	1	This manual

※CONFIRM: After this product arrives, please immediately confirm that it is not damaged and that all of the accompanying parts are present.

■ Component Part Drawings



Points of Caution for Installation (For the Installer)

Please make sure to read this and perform the installation in a safe and sure manner.



WARNING

These are descriptions of points that, if not performed as described and the installation is done or this product is used incorrectly, could be life threatening or cause severe bodily harm.



CAUTION

These are descriptions of points of caution that, if not followed as described and the installation is done or this product is used incorrectly, could lead to accidents, injury, damage to the vehicle, etc.

ADVICE

These are descriptions of points of caution that are helpful to know and will facilitate a speedy installation.

⊘ MUST NOT DO

❗ MUST DO



WARNING

- ⊘ Do not modify / process this product or install it on a vehicle other than a compatible vehicle as doing so could result in a major accident or malfunction.
- ❗ Please follow the repair manual (published by Toyota Motor Corporation) for the applicable vehicle as well as the points of caution set forth in this manual when installing or replacing this product.
- ❗ Please perform the installation by tightening the product to the specified torque. If the product has not been properly tightened, it could fall off, which in turn could result in a major accident or malfunction.



CAUTION

- ❗ Before installing this product, please confirm that all parts and accessories are present and that they are not damaged or have other issues. We may be unable to assist you with claims of damage or other issues that are discovered after installation.
- ❗ Please perform the installation of this product on top of a protective sheet in order to prevent scratches. Please also concurrently apply and cure a protective material to the area of installation and be sufficiently careful not to cause scratches or other damage during the installation process.

DEGREASING

(Please also refer to the manual about the degreasing process that is included separately.)

- ❗ When performing the degreasing process, please use a clean cloth and white gas or isopropyl alcohol (IPA). Do not use any solvent other than these.
- ❗ Do not use a solvent such as a body coating surface treatment agent, parts cleaner or brake cleaner as doing so could prevent proper degreasing and result in lifting, which could in turn result in the product coming off.

DOUBLE-SIDED TAPE

- ❗ Failing to properly degrease will result in the double-sided tape peeling off after it is put on.
- ❗ Removing the double-sided tape after it has been applied will cause it to lose adhesiveness. As a result, it cannot be reapplied.
- ❗ The adhesiveness of the double-sided tape of this product is greatly diminished when the ambient temperature is below 20° Celsius. If the temperature is too low, the double-sided tape will peel off.
- ❗ Please apply the double-sided tape with a force of at least 49N (5kgf) (i.e., to a degree where the vehicle shakes lightly). If the double-sided tape is not applied with enough force it will come off.
- ⊘ For 24 hours after installing this product, avoid all contact with water, including washing the car, wiping the car with a damp cloth, rain, etc.
If the post-installation points of caution are not adhered to, it could lead to the product lifting and coming off.

AFTER THE INSTALLATION IS COMPLETE

- ❗ After the installation, please make sure that there is no interference between this product and the vehicle.
- ❗ If the minus terminal of the battery was removed during the installation, please perform a system configuration / check after the installation is complete.
- ❗ There is a chance that the parts that were disassembled or removed during the installation process will need to be reconfigured / adjusted.
Please follow the repair manual (published by Toyota Motor Corporation) for the applicable vehicle and inspect / adjust / configure each part.

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■ Tools / Protective Gear / Consumables Needed for Installation

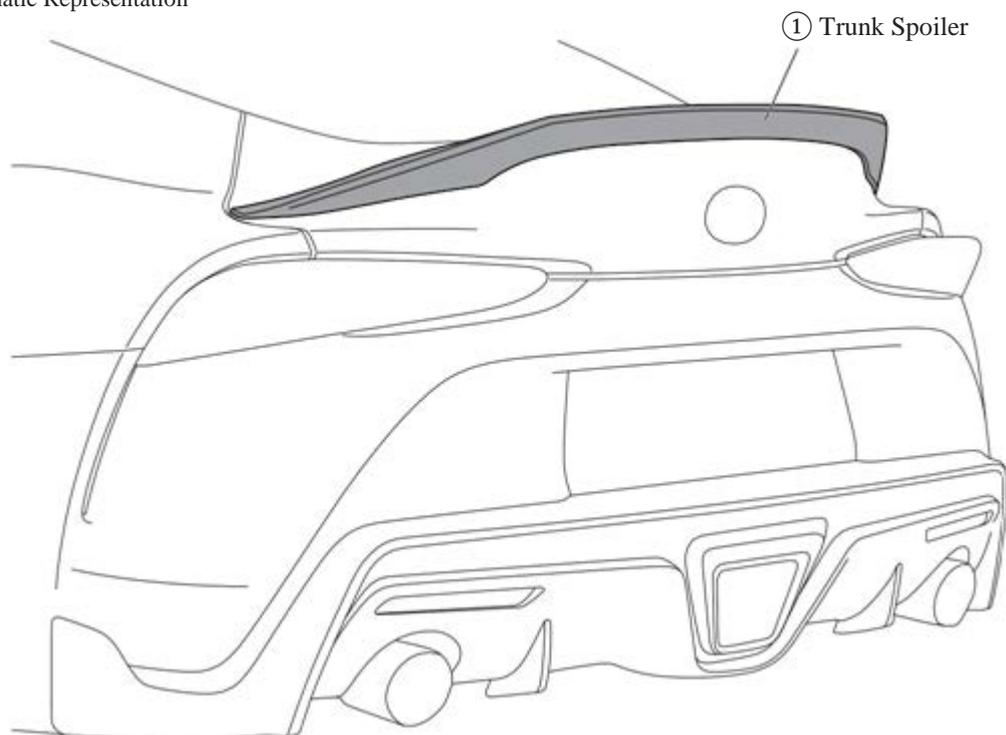
- General Tools
- File / Safety Glasses
- Electric Drill (Bit Size: 3.0mm / 6.0mm) / Hole Saw (φ11.0)
- Work Gloves / Protective Sheet / Protective Tape / Masking Tape
- White Gas or Isopropyl Alcohol / Clean Cloth

- This product comes with a 1-year, 20,000-kilometer warranty.
(The earlier of 1 year or 20,000 kilometers)

※ For details about the warranty, please visit the “About Warranties” page on the TRD Parts Catalog website at <http://www.trdparts.jp/>.

■ Installation Configuration Diagram

※LH Diagrammatic Representation

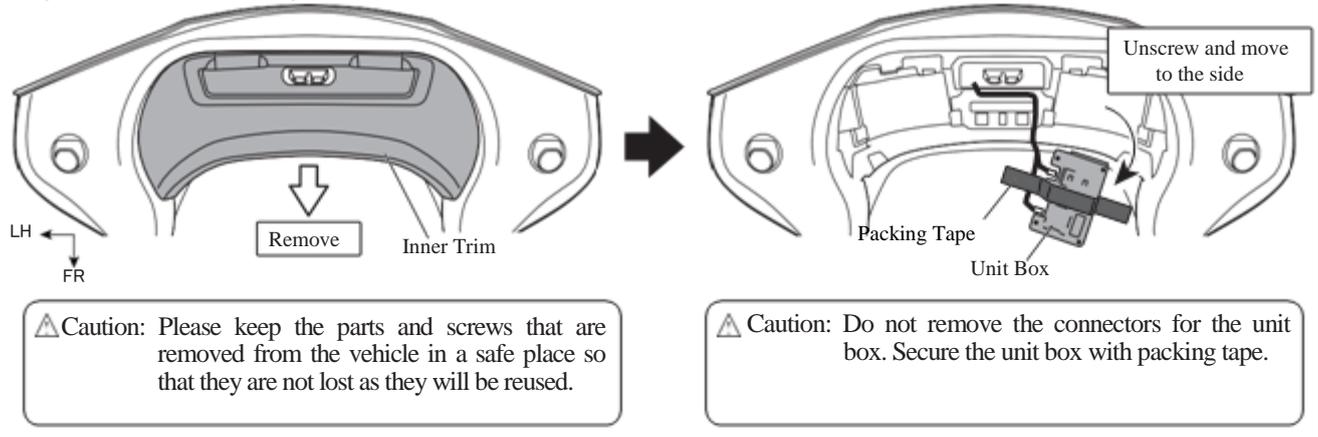


※ This installation and operating instruction manual is primarily shown from the left-hand side. Please perform the same procedures on the right-hand side.

□ Preparing to Install the Trunk Spoiler

1. Following the repair manual for the applicable vehicle as set forth in Diagram 1, remove the inner trim of the tailgate, unscrew the screws (x3) securing the unit box and move it to the side, securing it with packing tape, without disconnecting the vehicle harness connectors.

Diagram 1: Inside of the Tailgate



△ Caution: When installing the trunk spoiler, the tailgate will be opened and closed. Please secure the unit box in a place where it will not be pinched or otherwise interfere when the tailgate is opened or closed.

2. As indicated in Diagram 2, apply masking tape over the center of the emblem and place the ② hole-drilling jig on the tailgate, conforming it to the shape thereof and pressing it into place and then securing it with packing tape.

Diagram 2

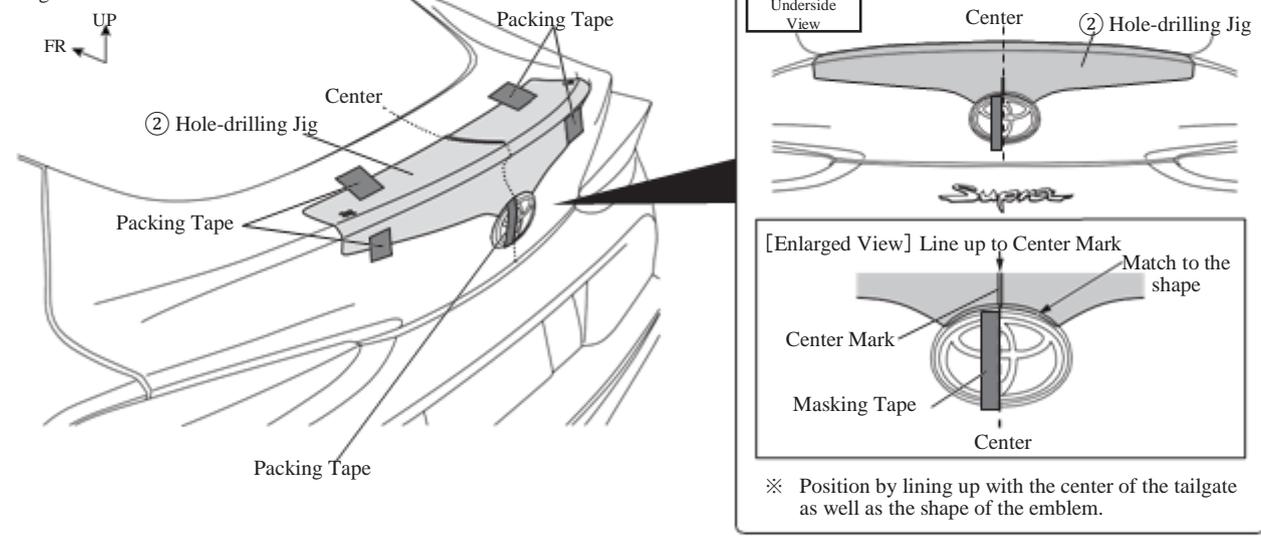
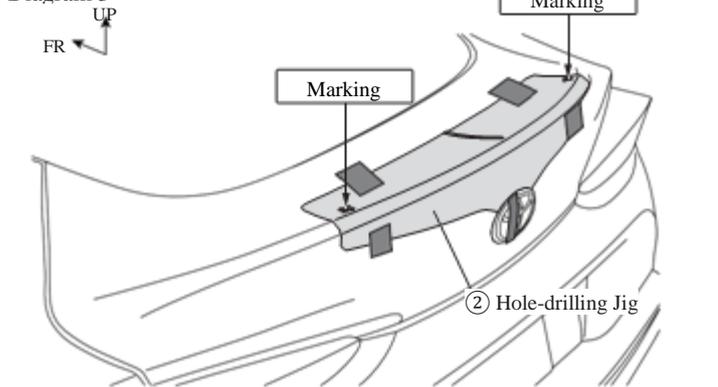


Diagram 3

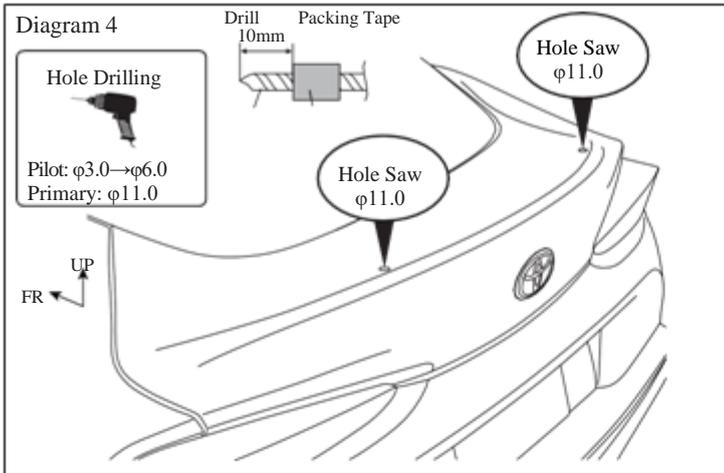


3. As indicated in Diagram 3, symmetrically line up the ② hole-drilling jig and mark the holes (1 on each side) with a scribe.

△ Caution: Please mark the holes in the center of the hole positions on the hole-drilling jig.



4. Remove the ② hole-drilling jig and take off the masking tape from the center of the emblem.



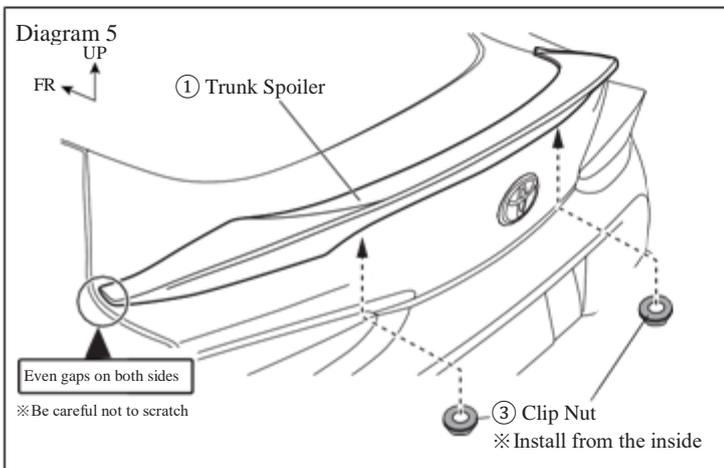
5. As indicated in Diagram 4, drill pilot holes of $\phi 3.0$ and then $\phi 6.0$ where marked on the tailgate, and then drill a primary hole of $\phi 11.0$ with a hole saw (one hole on each side).

Advice: When drilling the holes, angle the drill perpendicularly with respect to the surface being drilled and make sure the drill does not drift.

Caution: Please wear safety glasses while working.

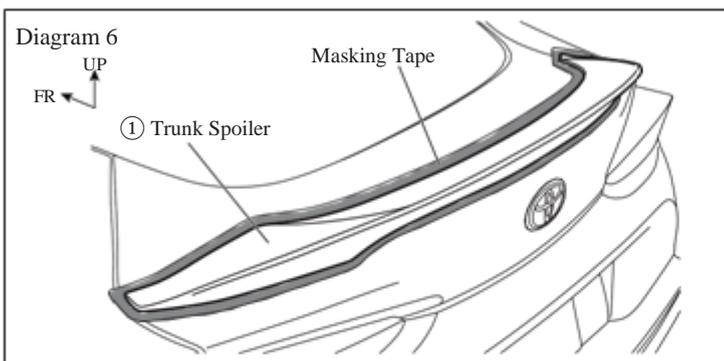
6. Deburr the area around the holes.

Caution: Failing to deburr may result in leaks.



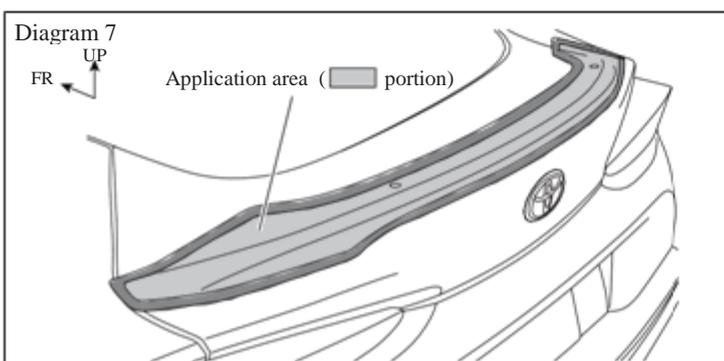
7. Place the ① trunk spoiler as indicated in Diagram 5, aligning it with the shape of the vehicle and holding it down until the gaps on the left and right side are evenly spaced, and then lightly fasten it with the ③ clip nuts (1 on each side).

Caution: Please position the trunk spoiler so that there are evenly spaced gaps on both the left and right side of the tailgate.



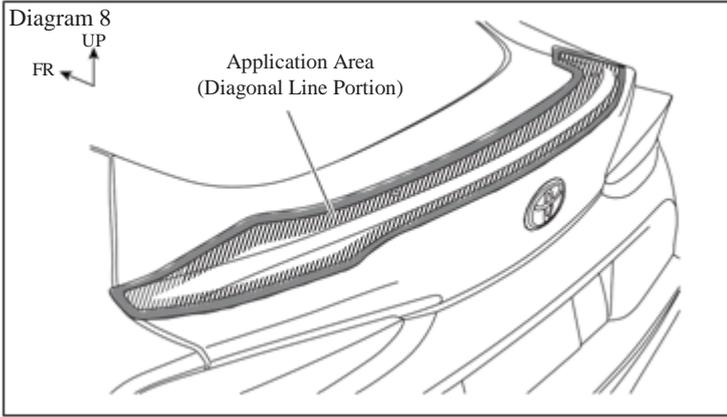
8. As indicated in Diagram 6, apply masking tape along the edge of the ① trunk spoiler.

Caution: Please accurately demark the area where the PAC primer will be applied with making tape.



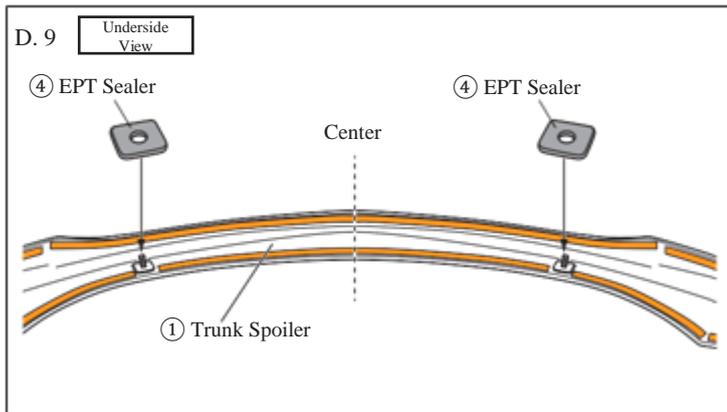
9. Remove the ① trunk spoiler.

10. As indicated in Diagram 7, clean the area where the double-sided tape for the ① trunk spoiler will be applied and then, using either IPA or white gas, degrease the area by wiping it down in one direction.



11. As indicated in Diagram 8, apply the ⑤ PAC primer to the area where the double-sided tape for installing the ① trunk spoiler will be applied.

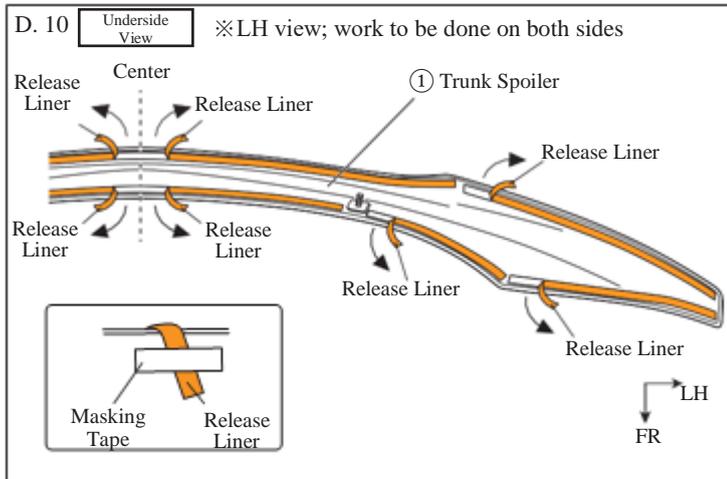
⚠ Caution: If the primer sticks to any part of the vehicle other than the application area, immediately wipe it off with white gas or IPA. Please be careful as the primer can cause discoloration once it has bonded.



12 Remove the masking tape.

13 As indicated in Diagram 9, attach the ④ EPT sealer to the stud bolt seating face on the back of the ① trunk spoiler (1 on each side).

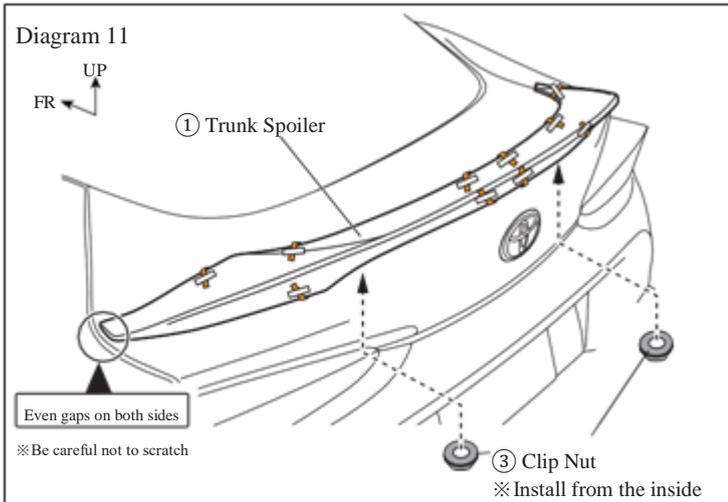
※ Please degrease the application area.



14. As indicated in Diagram 10, peel back the release liner of the double-sided tape for the ① trunk spoiler 30 millimeters in the directions indicated by the arrows and hold them in place with masking tape stuck to the top side.

⚠ Caution: In order to achieve maximum adhesiveness of the double-sided tape, please heat up the double-sided tape as well as the area where it will be affixed to the car with a dryer or other device to 40° Celsius before application.

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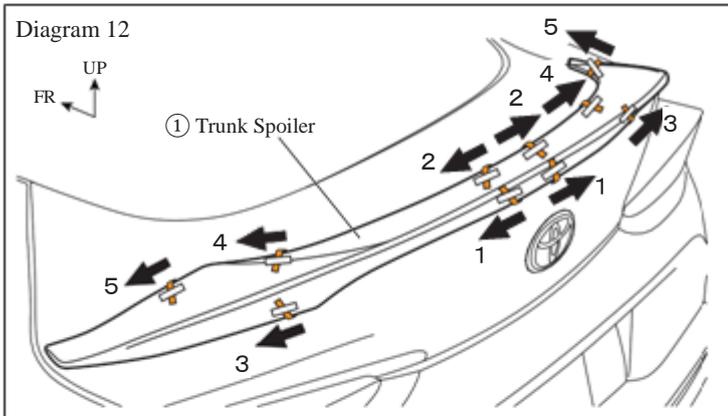


□ Trunk Spoiler Installation Guidelines

1. As indicated in Diagram 11, place the ① trunk spoiler on the tailgate, conforming it to the shape thereof and pressing it into place so that there are even spaces on each end, and then lightly fasten the ③ clip nuts (1 on each side).

⚠ Caution: Please place the trunk spoiler so that the left and right ends thereof are evenly spaced with the left and right ends of the tailgate.

⚠ Caution: Please be careful during installation to the vehicle because you will be unable to adjust the position if the double-sided tape has had its release liner removed and adheres first.



2. After determining the installation position, remove the release liner from the double-sided tape in the order and direction indicated in Diagram 12 and apply force to affix.

⚠ Caution: If you do not remove the release liner of the double-sided tape in the indicated order, it may result in gaps.

📌 Advice: If the release liner will not easily peel off, please lightly lift the trunk spoiler.



Advice

It takes about 3~5 hours for the adhesiveness of the double-sided tape to stabilize. After installing this product, please allow for at least 3 hours of "open time" (i.e., resting time) during which the vehicle is not exposed to strong vibrations and wind pressure (including moving the vehicle).



Warning

Please make sure to apply enough force when affixing the double-sided tape. Failing to do so can result in lifting, peeling and other symptoms, which can in turn result in the part falling off and other major issues. For 24 hours after affixing the double-sided tape, avoid all contact with water to the affixed area, including rain and car washes, as this may result in diminished adhesiveness, peeling, this product falling off.

3. Fully fasten the ③ clip nuts (2 locations) that had been lightly fastened.
4. Following the repair manual (published by Toyota Motor Corporation) for the applicable vehicle, return the unit box and inner trim to their original location.

■ Post-Installation Inspection / Points of Caution

1. Confirm that there is no lifting, peeling or other issues around the entire product.
2. Confirm that there are no scratches to the vehicle or around the trunk spoiler.
3. There are instances where the disassembly / removal of parts in connection with this installation will require reconfiguration / adjustment. Please inspect / adjust / configure each part pursuant to the repair manual (published by Toyota Motor Corporation) for the applicable vehicle.

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