

TOURING ITEMS  
**TYPES**®

# TUNDRA



***2014-2021 TOYOTA TUNDRA  
BUMPER LIGHT BRACKET***

# WARNINGS

## IMPORTANT SAFETY INSTRUCTIONS

1. SAVE THESE INSTRUCTIONS – This manual contains important safety and operating instructions.
2. Before using this product, read all instructions and cautionary markings.
3. Do not operate with damaged bumper light bracket – replace it immediately.
4. Do not operate the bumper light bracket if it has received a sharp blow, been dropped, or otherwise damaged in any way.

## CAUTIONS

1. Do not install or use product if it, in any way, impairs the safe operation of your vehicle.
2. Follow manufacturer's instructions to ensure the product is properly and safely installed.
3. Check your state or provincial laws before installing. Vehicle owner must comply with all applicable laws.
4. Manufacturer and Seller assume no liability for installation or use, which are solely the responsibility of the purchaser.
5. The Manufacturer and Seller are not responsible or liable for consequential, incidental, or indirect damages, whether to person or property, resulting from the installation or improper use of this product.

 **WARNING:** This product can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP) and Diisononyl Phthalate (DINP), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## TOOLS REQUIRED (NOT INCLUDED)

- 10mm, 12mm, and 17mm Sockets
- Socket Wrench
- Torque Wrench / Tester
- Clip Removal Tool
- Pry Tool
- Vinyl Wrap / Bumper Scrape Guard
- Safety Glasses
- Work Gloves

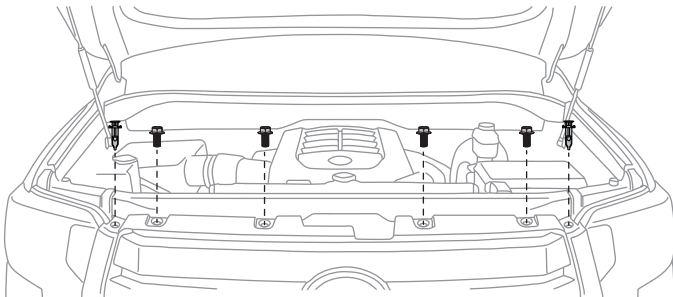
## BEFORE INSTALLATION

- Verify your vehicle type. This bracket is designed for 2014-2021 Toyota Tundra models.
- Make sure the bracket does not interfere with sensors, tow hooks, or grille clearance.
- We recommend using vinyl wrap or bumper scrape guards during installation to help prevent scrapes.

# INSTALLATION

## Grille Removal

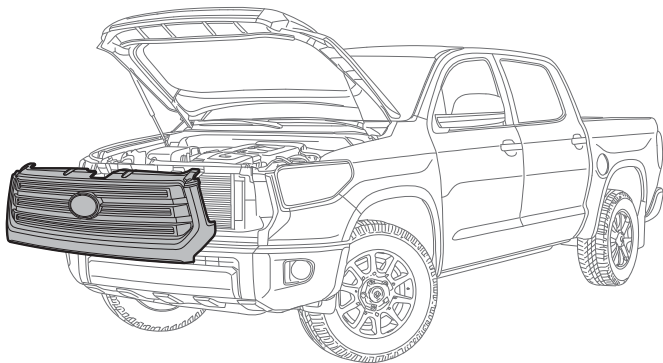
1. Open the hood. Use a 10mm socket to remove the screws along the top of the grille. Then, use a clip removal tool to remove the push pins on either side of the grille.



2. Slightly lift the grille upward to clear the locating grommets, then pull it forward to release the bottom retaining clips. Set the grille aside in a safe location to prevent damage.

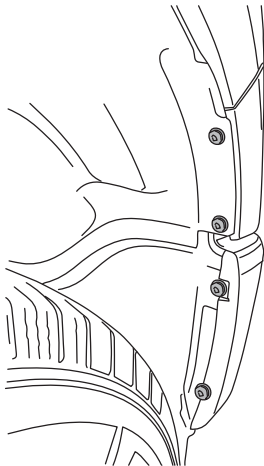
NOTES:

- For 2018+ models, disconnect the Toyota Safety Sense (TSS) radar sensor behind the emblem before removing the grille.
- Do not force the grille. Make sure all screws and clips are fully released before removing it. Clip locations may vary by trim level.

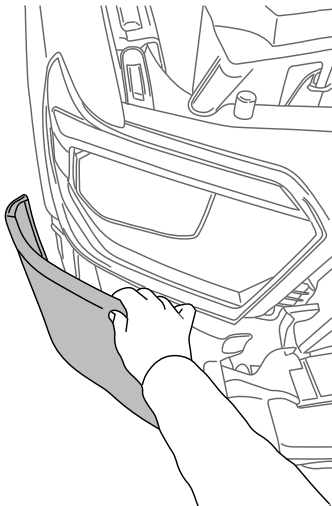


## Front Bumper Removal

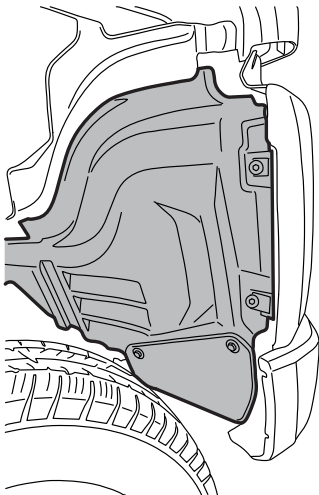
3. Use a 10mm socket to remove the screws inside the left and right fender liners.



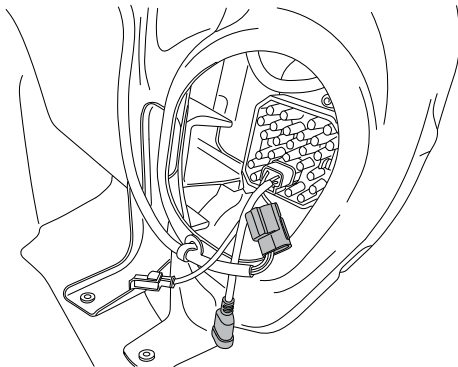
4. Use a clip removal tool to remove the push pins from both mid bumper panels. Starting at the inside edge, gently pull the panels outward to release the retaining clips.



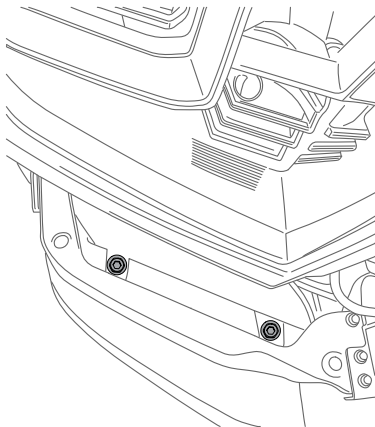
5. Use a clip removal tool to remove the push pins, then unclip and take off the fender liners on both sides.



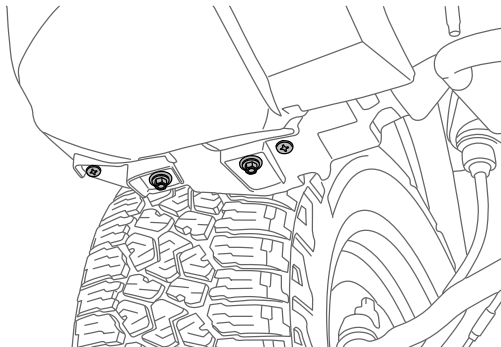
6. Disconnect the fog light connectors and release the wire retaining clips on both sides.



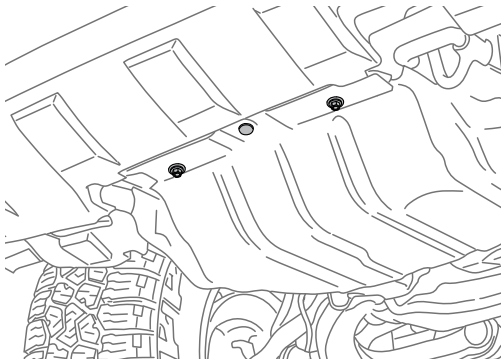
7. From the top of the bumper, use a 12mm socket to remove the bumper screws on both sides.



8. From underneath the bumper, use a 10mm and 12mm socket to remove the bumper screws on both sides.

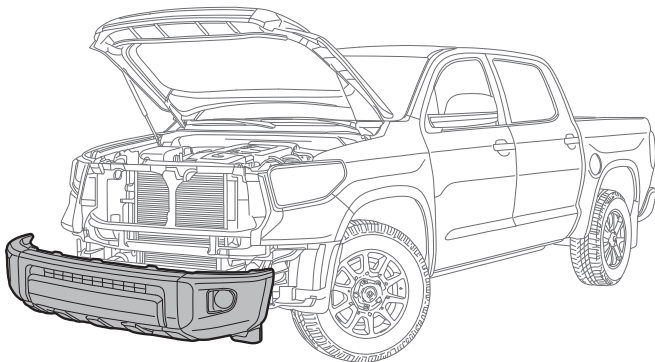


9. From underneath the bumper, use a 10mm socket to remove the bumper screws, then use a clip removal tool to remove the push pin.



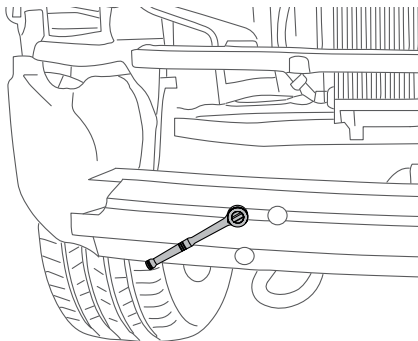
10. Hold both sides of the bumper shell with both hands, pull it straight out smoothly, and place it on a soft surface.

**NOTE:** Use care when removing the bumper to prevent damage to painted surfaces. Assistance from a second person is recommended.



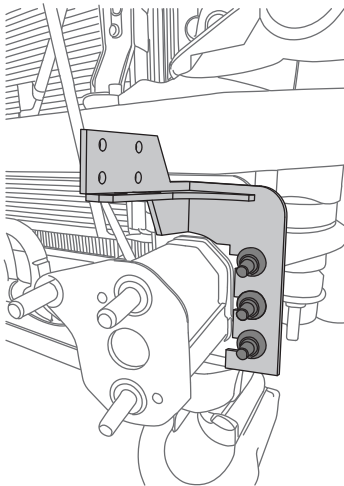
## Crash Bar Removal

11. Use a 17mm socket to remove the screws on both sides of the crash bar.

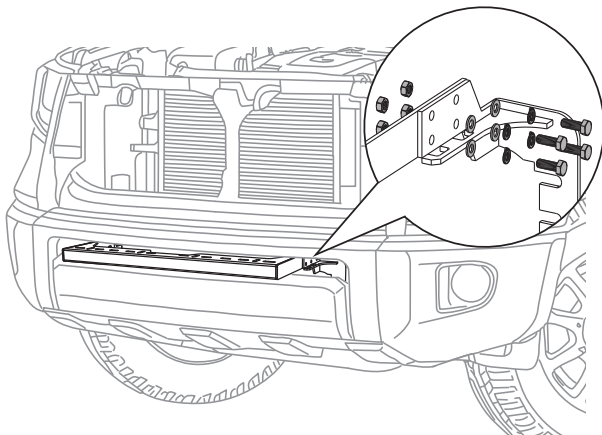


## Bracket Installation

12. Secure the side brackets using the vehicle's original screws on each side.



13. Attach the main bracket to the side brackets.
- If you're installing lights or other devices, mount them to the main bracket first.
  - Reinstall the front bumper on the vehicle.
  - Thread the main bracket through the bumper opening.
  - Secure the main bracket to the side brackets using the hex head screws, spring washers, washers, and nuts.



## Post-Installation Procedures

14. Reassemble all components.
  - Reconnect the Toyota Safety Sense (TSS) radar sensor connector (2018+ equipped vehicles).
  - Reinstall front bumper assembly.
  - Reconnect fog light wiring and any disconnected electrical connectors.
  - Reinstall grille assembly.
15. Start the vehicle and confirm no warning lights or messages are present.

### NOTES:

- For vehicles equipped with Toyota Safety Sense (TSS), verify proper operation of Adaptive Cruise Control, Pre-Collision System, and other driver-assistance features.
- If a driver-assistance system warning message appears after installation, inspect the sensor area for obstructions and verify all electrical connections are fully seated. Ensure brackets, lighting accessories, and wiring do not interfere with factory-installed sensors. Refer to the vehicle owner's manual for additional diagnostic information.

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A Horizon Brands Company  
2975 Red Hill Ave., Ste. 100,  
Costa Mesa, CA 92626  
1.866.294.9244 | [info@typesauto.com](mailto:info@typesauto.com)  
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<http://www.typesauto.com>

ML-538884E\_V1