SPIKER ENGINEERING

Rev 10/21/2026

ULTIMATE Lift ND Single Hood Strut Kit

2025+ Toyota Camry (9th Gen)
Hood Strut Installation Instructions



Thank you for purchasing this Spiker Engineering ***Ultimate Lift ND Single*** hood strut kit. This kit uses premium OEM-quality components, and is designed for easy installation. Please follow this manual carefully to ensure a quality installation and many years of reliable service. Customer understands that all parts are aftermarket parts and have no OEM specifications.

If you have any questions or concerns at any point of the installation process, please contact us at service@spikerengineering.com before proceeding, and we'll be happy to help.

A. Preparation

1. Check kit contents:

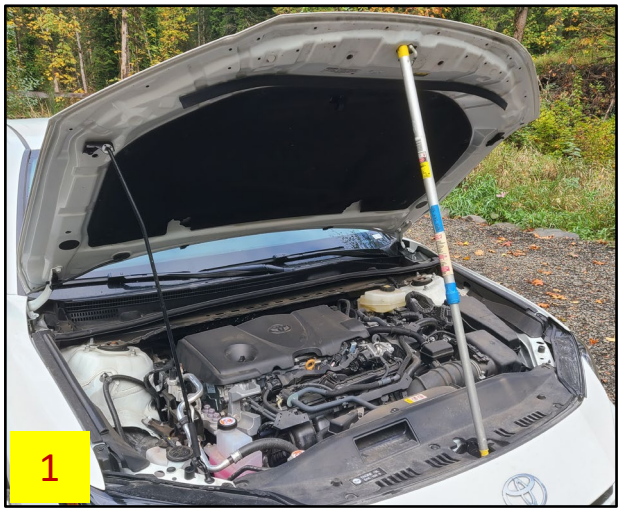
- (1) Gas Strut
- (2) Mounting Brackets
- (2) M8 x 1.25 bolts
- (1) Window Sticker

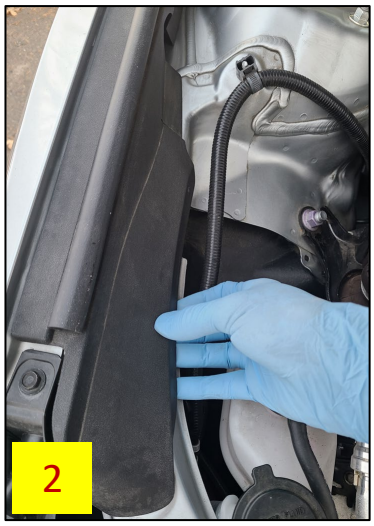
2. Required tools:

- Standard mechanics tool set

3. Open the hood and support it with a 2x4 or a painter's pole (Fig 1).

4. Remove the passenger side fender trim piece by pulling straight up (Fig. 2).





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5. Some clips may stay in the fender (Fig 3). Remove those clips with a pry tool (Fig 4), and reinsert them into the trim piece (Fig 5).







B. Bracket Installation

6. Remove the factory prop rod by removing the bolt attaching the hood prop bracket to the hood (Fig 6).



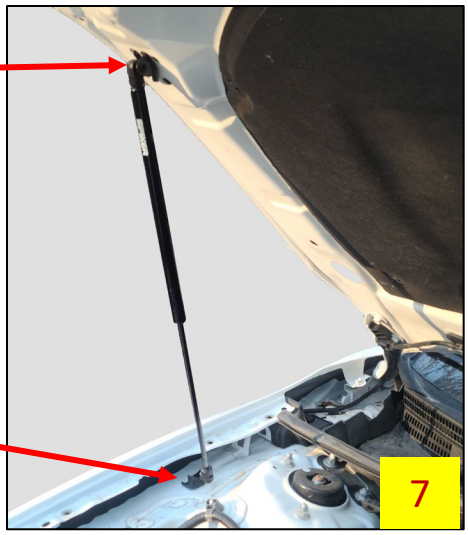
7. Identify the two brackets in the kit. There is a hood bracket (HR) and a fender bracket (FR). See Fig 7 for a picture of the brackets. Refer to this figure throughout installation.



HR



FR



8. Take the FR bracket and position it over the passenger side fender mounting location (Fig 8), placing the tang into the square opening. Insert one M8 X 1.25 bolt through the bracket and into the tapped hole, and tighten it securely (Fig 9).
9. Take the HR bracket and position it over the passenger side hood mounting location (Fig 10), placing the tang into the square opening. Insert one M8 X 1.25 bolt through the bracket and into the tapped hole, and tighten it securely (Fig 11).









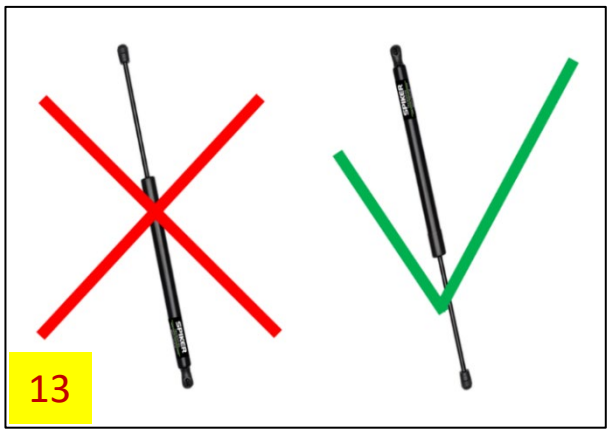
C. Strut Installation

10. Take the hood strut, and push the rod end fitting of the strut onto the lower fender bracket ball stud (Fig 12).

    NOTE: Make sure you do **NOT** push the tube end fitting of the strut onto the fender ball bracket. See Fig 13 for correct installed strut orientation, with the rod end on the bottom and the tube end on top.

11. Press the tube end fitting (with the SPIKER sticker) onto the hood bracket ball stud (Fig 14) to complete the installation.



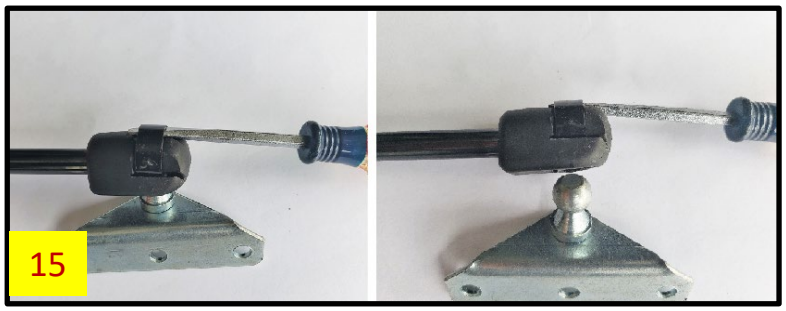




12. Install the fender trim piece back into place.
13. Congratulations, you're done! Have a beverage of your choice to celebrate your accomplishment!

D. Notes

If you ever need to remove a strut from a ball stud, use a flat blade screwdriver to lift the semi-circular clip at the back of the strut end fitting, until the fitting can be removed from the bracket. Do not fully remove the clip (Fig 15).



After installation, open and close the hood a few times to break in the struts for consistent operation.

During normal operation, you will need to open the hood by hand about 10-15” until the struts take over and fully open the hood.

Once you’ve installed this kit, we’d love to see a picture of your car with the hood open, showing off the newly installed hood struts and the open hood. Please email us photos of your car to service@spikerengineering.com, and let us know if it’s OK to post them on the website or social media.

Thank you again for purchasing this kit, we hope you enjoy it for many years to come!