



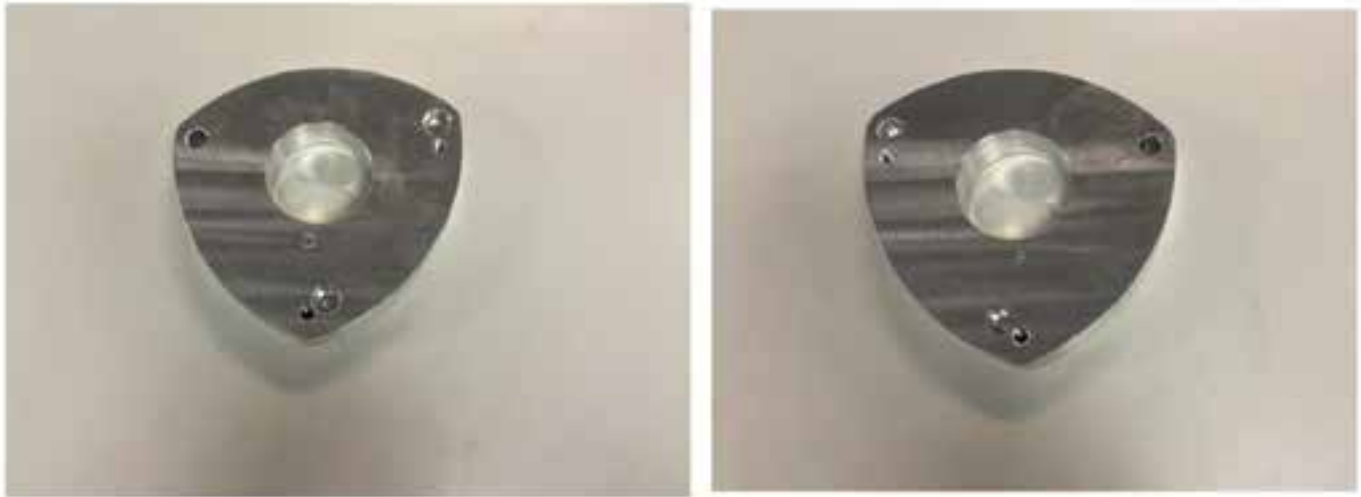
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*Speed Matters*

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## Steeda Maverick Front Leveling Kit

MPN: **555-4142**



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Install Time: **1hr 30min**  
**Alignment Required**

Difficulty: Five blue 'S' logos arranged horizontally, indicating a difficulty level of 5 out of 5.

## Parts List - 555-4142

Description	Quantity
DRIVER SIDE SPACER	1
PASSENGER SIDE SPACER	1
SOCKET HEAD BOLT	4
LONG HEX HEAD BOLT	2
SHORT HEX HEAD BOLT	4
WASHER	2

## Tools List

- 10mm Socket/Wrench
- 18mm Socket/Wrench
- 19mm Socket/Wrench
- 21mm Socket/Wrench
- Adjustable Wrench
- Hammer
- 6mm Allen Key
- Torque Wrench

A qualified technician should be used if you are not confident with removing and installing the vehicle's front struts.

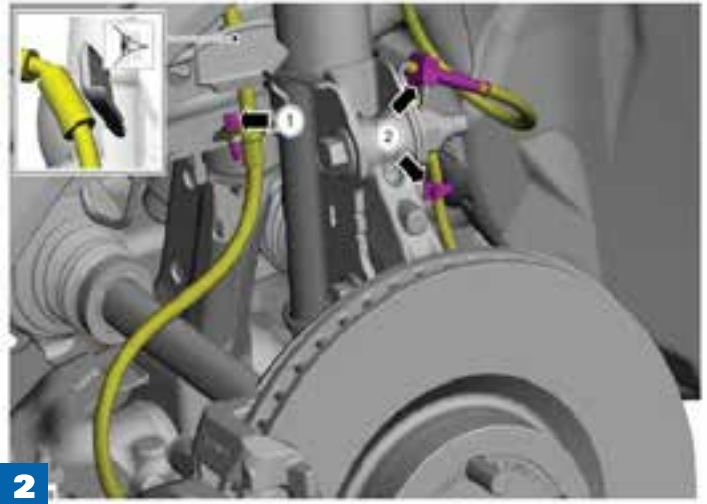
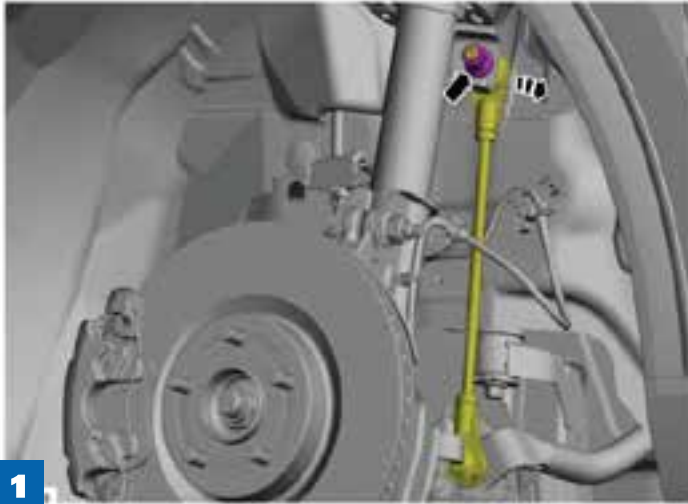
The vehicle will require an alignment following installation.

Do not use power tools to remove or install the stabilizer bar link nuts. Damage to the stabilizer bar link ball joints and boots may occur.

## Removal of the Factory Front Struts

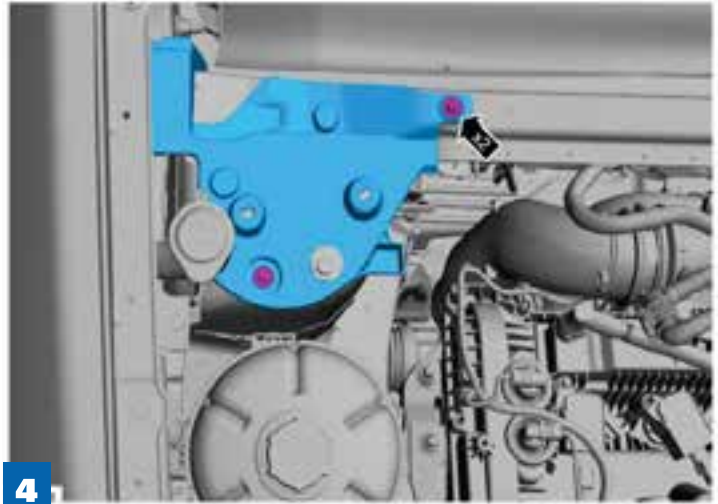
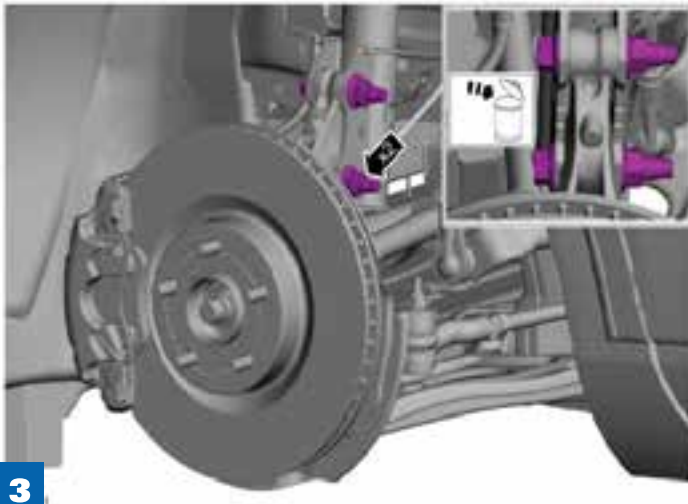
### Step 1

- A. Lift the car, by the chassis, on a vehicle lift or on jack stands to work on the front suspension of the car.
- B. The front wheels need to be off the ground. Use caution operating a lift or jack stands to ensure the car is stable and safe to work around and underneath.



### Step 2

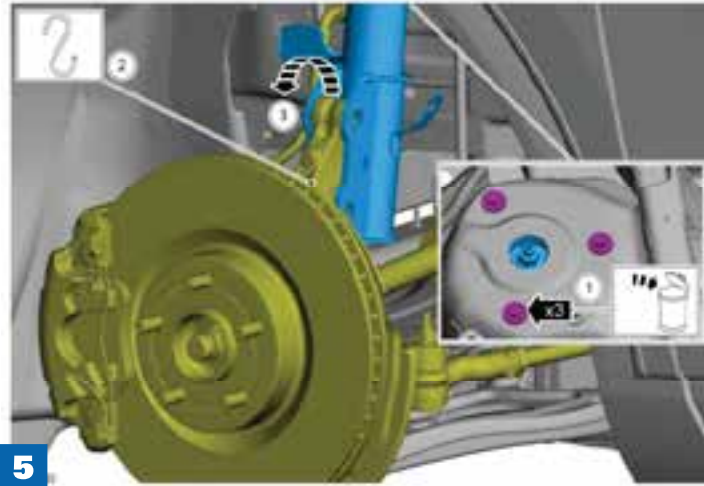
- A. Remove the nut and the stabilizer bar from the strut.
- B. (1) Remove the bolt retaining the brake line. (2) Unclip the retainers and remove the wheel speed sensor wiring harness.



### Step 3

- A. It is recommended to remove and discard the 2 front strut and spring assembly-to-wheel knuckle bolts and nuts then remove the cowl panel grille.
- B. When removing the cowl panel grille support bracket retainers and remove the bracket remove the two bolts highlighted in figure 4.

## Removal of the Factory Front Struts



### Step 4


(1) It is recommended to remove and discard the 3 top front strut and spring assembly mounting bolts. (2) Ensure to support the wheel knuckle assembly. (3) Remove the front strut and spring assembly.

## Installation of the Steeda Leveling Kit



### Step 5

Repeat Steps 1-3 for both sides, with the strut removed, place the spacer with the "D" engraved onto the driver side strut, place the spacer with the "P" onto the passenger strut, and fasten with the two provided socket head cap screws into the flush fit holes.

 Torque: 22 lb.ft (30 Nm)

## Installation of the Steeda Bump Steer Kit



### Step 7

Ensure the strut tab and strut top notch are in line with each other to ensure proper camber alignment.



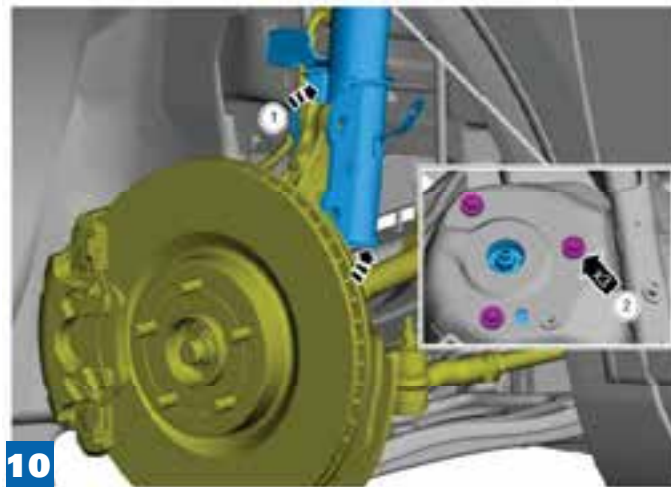
### Step 8

Locate the two short hex head bolts and position them at the rear mounting points. Insert each bolt through the rear holes and hand-tighten first to ensure proper alignment. Next, take the long hex head bolts with washers attached and place them in the front mounting points. Insert the front bolts and hand-tighten. Once all bolts are in place and aligned correctly, securely tighten starting from the rear and finishing with the front.


 Tip: Do not fully tighten until all bolts are installed to ensure proper fit and alignment.

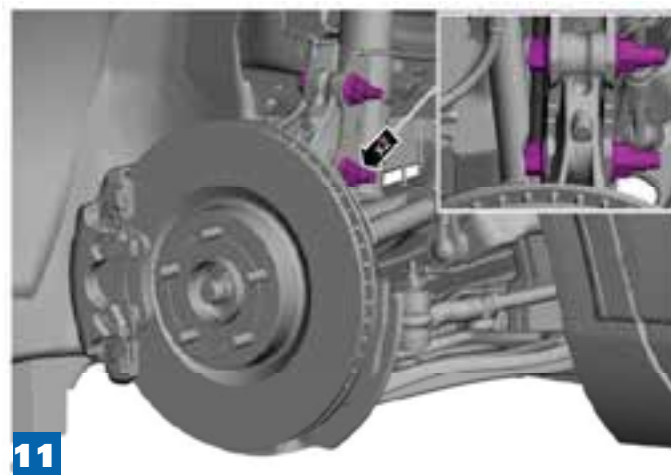
 Torque: 22 ft.lbs (30 Nm)

## Installation of Struts with Spacer Mounted




- A. Position the front strut and spring assembly into the wheel knuckle.
- B. Install the new front strut and spring assembly upper bolts, the two short bolts thread into the spacer body and the long bolt threads into the strut tower its self.

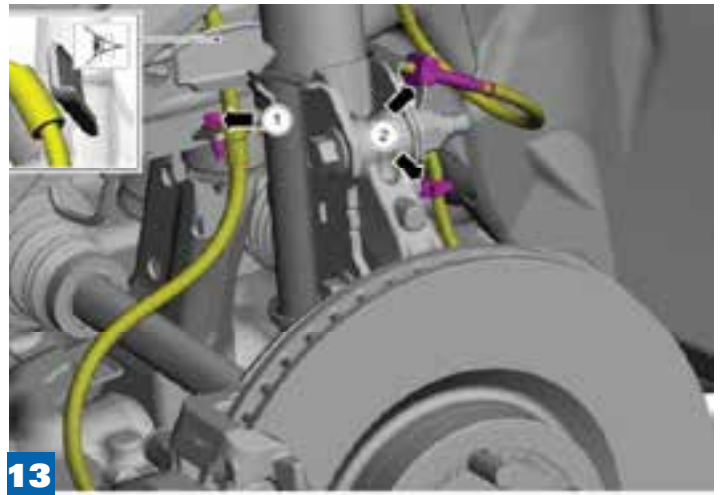
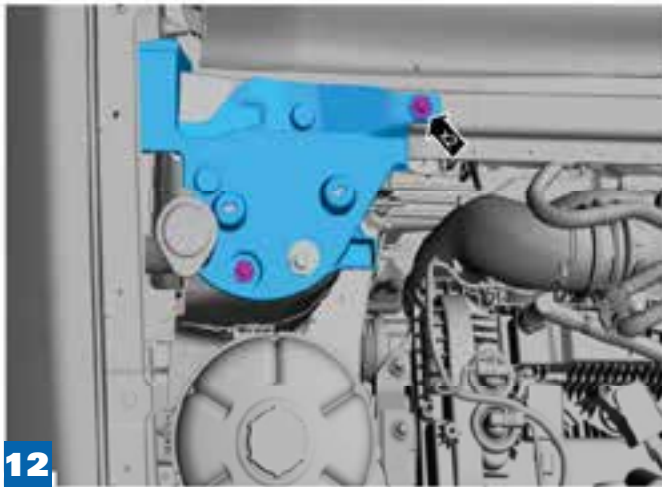
 Torque: 22 lb.ft (30 Nm)



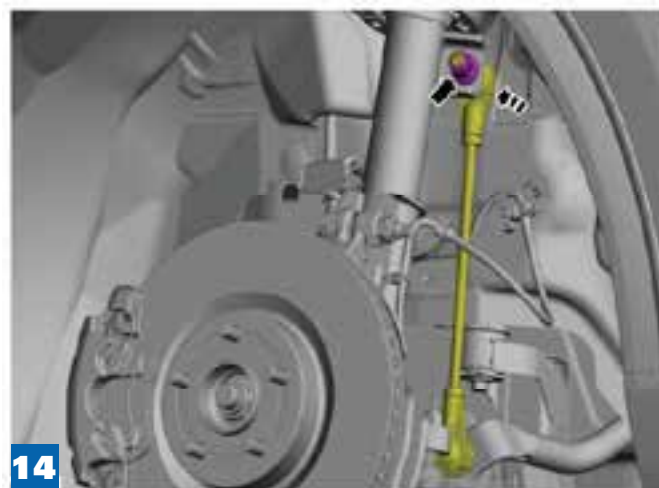
Install the new front strut and spring assembly-to-wheel knuckle bolts and nuts.

 Torque:  
Stage 1: 103 lb.ft (140 Nm)  
Stage 2: 120°

## Installation of Struts with Spacer Mounted



Use a hammer or mallet to free the tie rod end from the spindle. Then unscrew the tie rod end and fully remove it.



Position the front stabilizer bar link and install the front stabilizer bar link upper nut.

 Torque:

New fasteners: 81 lb.ft (110 Nm)

Reused Fasteners: 89 lb.ft (121 Nm)



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