

DISCLAIMER – PLEASE READ!!!

The Racecomp Engineering Tarmac II Coilover Suspension Kit is a MOTORSPORTS part. We are not responsible for any defect resulting from improper installation. Installation should be performed by an ASE certified Subaru technician. Unless you, by trade, are a technician, you should not attempt installation of this part. Please use caution when driving your vehicle after installation as handling characteristics have changed dramatically.

Installation Instructions:

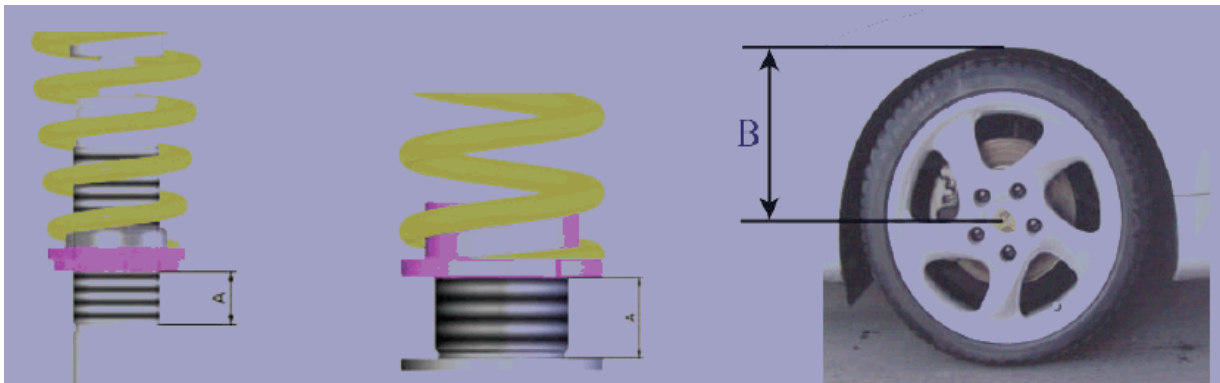
Approximate remaining thread measurement (A):

	Front	Rear
Minimum	1.1 inches	2.1 inches
Maximum	2.2 inches	3.1 inches

Approximate Ride Height adjustment range (B):

	Front	Rear
Minimum	13.75 inches	13.25 inches
Maximum	14.6 inches	14.0 inches

*Measured from wheel hub center to fender.



DANGER!

1. We recommend the use of a vehicle hoist or lift when installing the suspension. If a lift is not available and jacking equipment is used, make sure that the vehicle is secured with jack stands to ensure safety.
2. The suspension components may only be installed by trained technical personnel using the proper tools.
3. Never use impact wrenches or guns to install or remove shock absorber piston hardware.
4. It is imperative that you do not damage the piston rod surface, through the use of pliers etc, as the smallest damage will result in seal damage and will not be covered under warranty. **A strap wrench is highly recommended to prevent the strut shaft from spinning. Wrap the strap wrench around the strut shaft twice for best results. You must use two people and hold tightly.**
5. Never disassemble or cut open shock absorbers and/or shock absorber inserts. They contain oil under pressure. Danger of explosion.
6. Please take care in any case that fittings are free of dust and oil.
7. Stay within the lowering range specified. When securing locking perches, do not over tighten.
8. Ensure that the set screw on each spring collar is tightened to prevent movement of the spring perch.
9. **Do NOT over tighten set screws on spring perches. Torque specification is .74 to 1.47 ft-lbs.**
10. After assembly and installation is complete, the vehicle should be rolled onto level ground. Once on level ground, measure the vehicle height and adjust to your specifications, within the lowering range specified earlier.
11. Examine the clearance between the tires and the suspension over the full range of motion of the wheel. The minimum clearance between the suspension and the tire is 5mm.
12. All components that are controlled by vehicle ride height (headlights, etc.) must be adjusted as specified by the vehicle manufacturer instructions.
13. Use OEM strut bolts. Do NOT use aftermarket camber bolts.

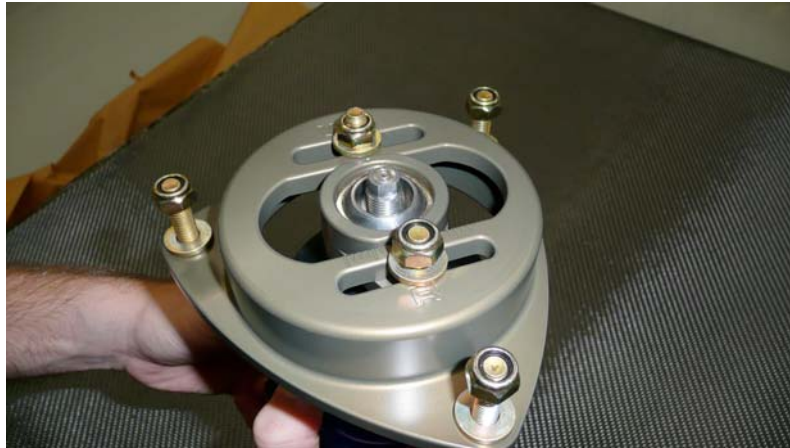
Front Installation



Upper Spring Perch pushed down to accept provided washer. Lower the bottom spring perches to bottom of threaded portion of the coilover.



RCE Washer installed on top of Upper Spring Perch (wide side down)



RCE Camber Plate installed and centered on top of RCE Washer



Provided RCE Inset Nut installed on top of RCE Camber Plate. Do not tighten top nut all the way yet. Use a strap wrench to prevent shaft from spinning. See next page before torquing top nut.



Strap wrench wrapped twice around strut shaft.



Strap wrench twisted and held tightly. Now torque top nut to 30 ft-lbs.

Front lower strut mounting bolts must be torqued 145 ft-lbs.

Rear Installation



Upper Spring Perch on the left is to be used with RCE Rear Pillowball Mounts. Do not use perch on the right.



Rear Upper Spring Perch Installed. Lower the bottom spring perches to bottom of threaded portion of the coilover.



Rear RCE Washer installed on top of Upper Spring Perch, wide side down



Rear RCE Pillowball Mount installed and centered on top of washer.



**Rear Pillowball Mount installed with inset top nut. Torque top nut to 30 ft-lbs.
Use a strap wrench to prevent shaft from spinning.**

Rear lower strut mounting bolts must be torqued 155 ft-lbs.
Racecomp Engineering Tarmac II Coilovers carry a lifetime limited
warranty. Please contact us for additional details or to request a warranty
repair.



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