

R60 Countryman | Paceman 2" (50mm) Lift Kit - Installation Guide

M7 Speed engineers and manufactures the highest quality MINI Cooper performance products and accessories available on planet Earth! Please read these instructions completely BEFORE attempting to install this product.



Figure 1

This installation requires moderate mechanical skills, complete knowledge of strut type suspensions and specialized tools.

Kit Includes:

- Qty-(2) M7 Front Riser Blocks with studs installed-p/n 96-1082
- Qty-(2) M7 Rear Riser Blocks-p/n 96-1081
- Qty-(1) Installation Kit p/n 90-1046
 - a. Qty-(4) M10-1.0 x 60 mm lg. Hex Head Flanged Bolts (for rear)
 - b. Qty-(6) M8-1.25 Flange Lock Nuts (for front)

NOTE: The front and rear lift blocks are designed to be different thicknesses. When installed your vehicle will be equally lifted 2" (50mm) front and rear.

TOOLS NEEDED:

- R60 Service Manual with a detailed suspension repair section
- Coil spring compressor tools
- Complete metric wrench & 3/8" drive metric socket set
- 1/2" drive 18MM, 20MM, 22MM socket and breaker bar
- T30 TORX socket



CAUTION:

WHEN WORKING UNDER YOUR CAR ALWAYS USE THE RIGHT EQUIPMENT FOR THE JOB. DON'T BE TEMPTED TO TAKE SHORT CUTS OR USE INAPPROPRIATE ITEMS. NEVER WORK UNDERNEATH A VEHICLE THAT IS ONLY SUPPORTED BY A JACK. THIS MAY CAUSE SEVERE INJURY AND EVEN DEATH.



CAUTION:

SUPPORT YOUR CAR BY USING STABLE AND QUALITY AXLE STANDS THAT ARE IN GOOD CONDITION AND PROPERLY RATED FOR YOUR VEHICLE'S WEIGHT. THIS INSTALLATION IS BEST ACCOMPLISHED USING AN AUTOMOTIVE SERVICE LIFT.

FRONT INSTALLATION:

- 1) Remove wheels from the car.
- 2) Disconnect BOTH RH & LH sway bar links. This is necessary for the suspension to go into full droop.
- 3) Remove the front strut assemblies per the service manual instructions.
 - a) Removal of the spring off the strut is not necessary
- 4) Remove the plastic index pin from the strut plate.
- 5) Install the M7 front lift block onto the top of the strut plate. Fasten it using (3) supplied M8 Locking Flanged Hex Nuts and tighten.
- 6) Reinstall the strut back into place following the service manual instructions. Torque all fasteners to factory specifications
 - a) Use the factory nuts on the top studs when fastening the top of the strut lift block to the tower.

NOTE: The spring must be compressed a minimum of 50% to get the assembly back into place.

- 7) Verify the spring is indexed properly on the top and bottom spring seats-BOTH SIDES. See Figure #2

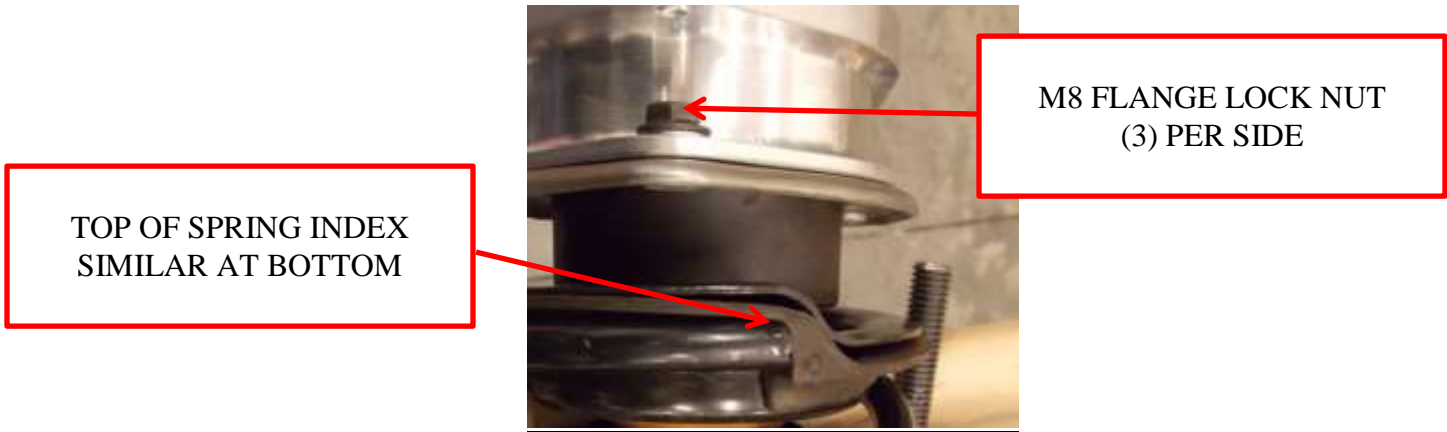


Figure 2

REAR INSTALLATION:

- 1) Remove wheels from the car.
 - 2) Disconnect BOTH RH & LH sway bar links. This is necessary for the suspension to go into full droop.
 - 3) Remove the rear coil-over-shock assemblies per the service manual instructions.
 - a) Removal of the spring off the shock is not necessary.
 - 4) Remove ring gasket from the top plate.
 - 5) Place the M7 rear lift block onto the top of the spring-over-shock assembly.
 - 6) Using (2) supplied M10x60mm long bolts per side fasten the top of the spring-over-shock unit onto the car. Do not install the ring gasket removed in step 4.
 - 7) Reinstall the spring-over-shock assembly back into place following the service manual instructions. Torque all fasteners to factory specifications
- NOTE:** The spring must be compressed a minimum of 50% to get the assembly back into place. Once the top bolts are installed align the bottom bolt with the lower swing arm by compressing the shock using an upward push from the bottom.
- 8) Verify the spring is indexed properly on the top and bottom spring seats-BOTH SIDES.



YOUR MINI IS NOW 2" HIGHER THAN THE FACTORY RIDE HEIGHT. THIS GIVES YOU ADDED CLEARANCE WHEN USING YOUR CAR FOR OFF-ROAD AND ALL-TERRAIN SITUATIONS. IT ALSO MEANS YOUR MINI'S CENTER OF GRAVITY IS 2" HIGHER. CORNERING AND HANDLING WILL BE ADVERSELY AFFECTED AND ROLL-OVER SITUATIONS MAY OCCUR. BE CAREFUL TO SLOWLY GET RE-ACCUSTOMED WITH YOUR CAR'S HANDLING AND ROAD BEHAVIOR CHARACTERISTICS.

AFTER INSTALLATION OF THIS KIT AND YOUR FINAL TIRES & WHEELS ARE INSTALLED A COMPLETE 4 WHEEL ALIGNMENT IS HIGHLY RECOMMENDED.

Enjoy the Ride and stay ***M7 Tuned***.....



Wheel & Tire Size Recommendations

M7 Speed 2" [25mm] Lift for 2011-2016 R60 MINI Cooper Countryman & R61 Paceman

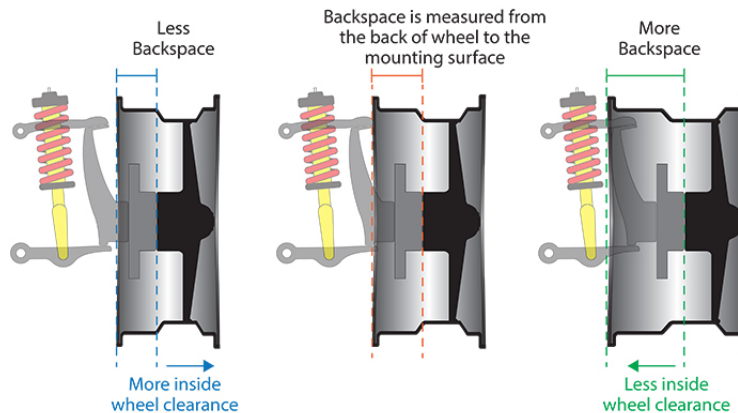
No modification to fender or wheel arch trim

- Based on in-house testing and feedback from customers
- Tire MAX diameter = 28.5"
- Known sizes that have worked
 - 245/45R19
 - 225/65R17
 - 235/65R17
 - 235/60/17
 - 245/60R17
- Standard wheel offset/backspacing
- OPTIONAL: 10mm decrease in backspacing
- OPTIONAL: Add 10mm-15mm wheel spacers (NOTE: requires longer wheel bolts!)
- Wheel width per tire manufacturer recommendations
- Depending on wheel choice and diameter it may be necessary to add 12mm-15mm wheel spaces on the rear to clear 22mm & 25mm rear anti-roll bars. Use only "HUB CENTRIC" wheel spaces. We recommend these available from ECS Tuning;

Modified wheel arch trim

Trimming is known to be required to plastic wheel arch trim at leading and trailing edge for adequate tire clearance

- Tire diameter = 30.00" +/-
- 15-25mm decrease in backspacing from stock for tire to clear front spring/strut assembly
- OPTIONAL: 15-25mm wheel spacers (NOTE: Requires longer wheel bolts!)



This document is for informational purposes only. M7 Speed does not warranty or guaranty the accuracy of the information. It is the responsibility of the end user to verify proper tire selection and fitment for their application and vehicle.