

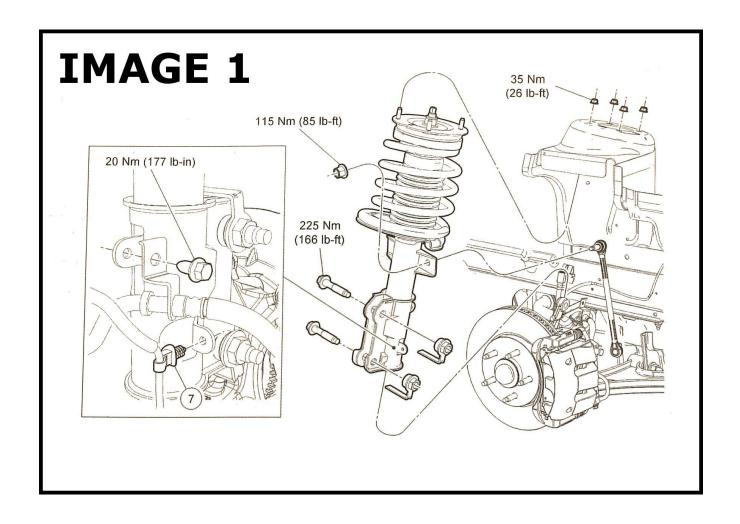
LOWERING SPRINGS FOR 2005-2014 FORD MUSTANG Covering Part #'s SP009, SP011, SP012, SP065, SP066, SP067, SP068, SP069, SP070, SP071, SP072, SP073, SP074, SP075, SP076

Required Tools:

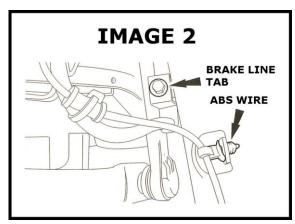
Hydraulic jack and jack stands Strut type spring compressor Sockets: 10mm, 13mm, 18mm, 19mm

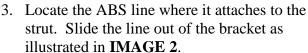
Front Installation:

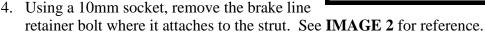
- 1. Open the hood and remove the (4) 13mm bolts on each side that retain the upper strut mounts. See **IMAGE 1** for reference.
- 2. Lift vehicle and safely support it on stands. Remove the wheel and tire assemblies.



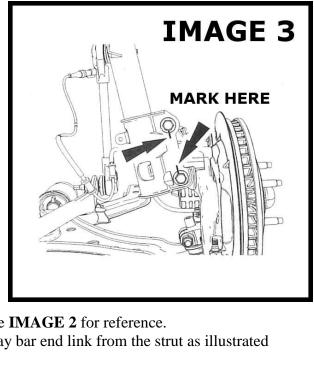
LOWERING SPRINGS FOR 2005-PRESENT FORD MUSTANG (Cont.) Part #'s SP009, SP011, SP012

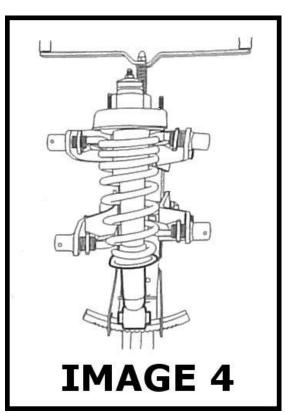






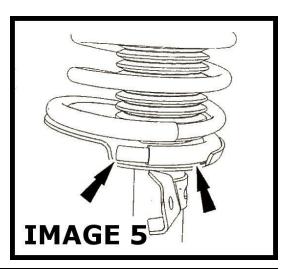
- 5. Using an 18mm socket, remove the upper sway bar end link from the strut as illustrated in **IMAGE 1** on the previous page.
- 6. Using a permanent market, grease pencil, or paint pen, mark the strut and bolts along their mating surface. This mark will be used later during reassembly. See **IMAGE 3** for reference.
- 7. Support the rotor/hub/caliper assembly then remove the (2) large bolts that retain the strut to the spindle using an 18mm wrench and socket. See **IMAGE 3** for reference.
- 8. Remove the strut/spring assembly.
- 9. The next step is removing the spring from the strut. Using a spring compressor, compress the spring to relieve tension from the upper mount. See **IMAGE 4** for reference. With the spring compressed, remove the upper strut nut using a 19mm socket.



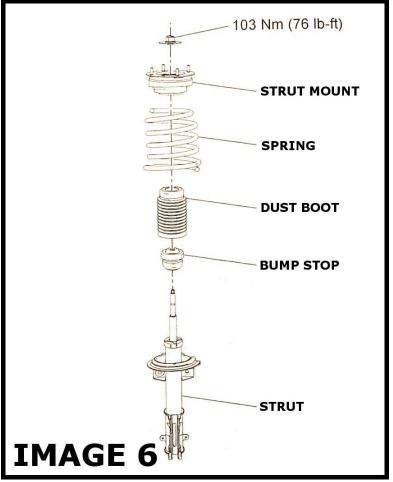


LOWERING SPRINGS FOR 2005-PRESENT FORD MUSTANG (Cont.) Part #'s SP009, SP011, SP012

10. Disassemble the individual assembly components and the OE spring. Place the BMR spring onto the strut and index it in the lower spring seat as shown in **IMAGE 5**.



- 11. Assemble the strut/spring assembly in the order shown in **IMAGE 6** then tighten the upper strut nut to 76 ft/lbs.
- 12. Re-install the strut/spring assembly into the strut tower and thread the (4) retaining bolts onto the strut mount. Torque to 26 ft/lbs. using a 13mm socket.
- 13. Bolt the strut assembly to the spindle and snug the bolts. Line up the strut and bolts to the marks made in step 6 then tighten the bolts to 166 ft/lbs. NOTE: the alignment marks made previously will only get the alignment close. Your



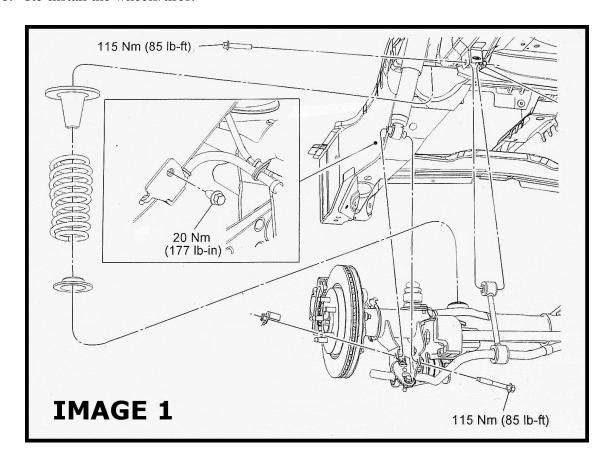
- newly lowered vehicle will still need an alignment to reach the desired specifications.
- 14. Re-install the brake line retainer and tighten the 10mm bolts to 15 ft/lbs.
- 15. Re-install the ABS wire to the strut tab.
- 16. Re-install the sway bar end link to the strut and tighten the nut to 85 ft/lbs.

17. Duplicate these steps for the other side then re-install the wheels and tires.

LOWERING SPRINGS FOR 2005-PRESENT FORD MUSTANG (Cont.) Part #'s SP009, SP011, SP012

Rear Installation:

- 1. Lift vehicle and support with jack stands.
- 2. Place a hydraulic jack under the differential.
- 3. Remove both rear wheel and tire assemblies.
- 4. Using an 18mm socket, remove the lower shock bolt. See **IMAGE 1** for reference.
- 5. Lower the rear end until the rear springs can be removed.
- 6. Insert the BMR springs making sure to retain the OE spring isolators.
- 7. Lift the rear end and insert the lower shock bolts. Do not tighten at this time.
- 8. Re-install the wheels/tires.



BMR recommends the following alignment specs:

STREET PERFORMANCE	PRO PERFORMANCE
Camber: -0.75 degrees +/75 degrees	Front camber: -1.0 degrees +/75 degrees
Front caster: 7.1 (OE not adjustable)	Front caster: 7.1 (OE not adjustable)
Toe: 0 to -1/16" max	Toe: 0 to -1/16" max

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This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, buyer assumes all risk of any damage caused to vehicle/person during installation or use of this product.