

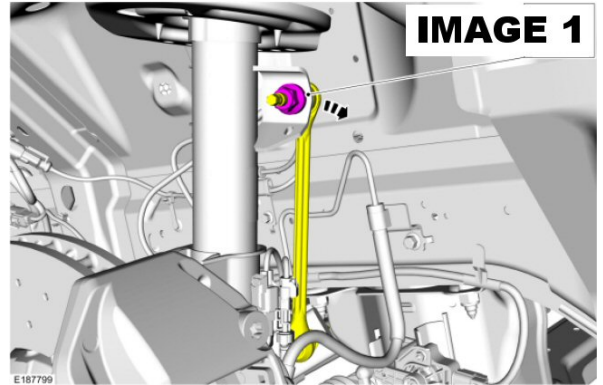


LOWERING SPRING INSTALLATION INSTRUCTIONS

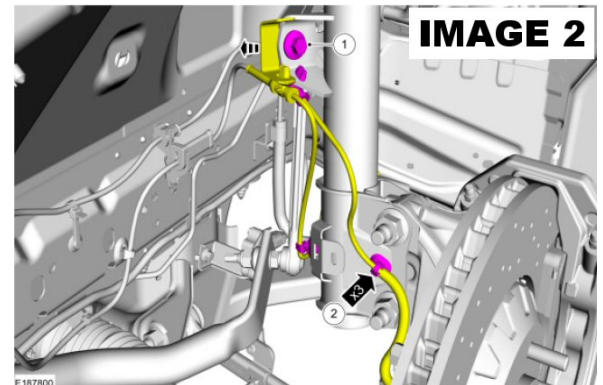
PART #'S: SP080, SP081, SP082, SP083, SP084, SP085, SP086, SP087, SP088, SP089, SP763

FRONT SPRINGS:

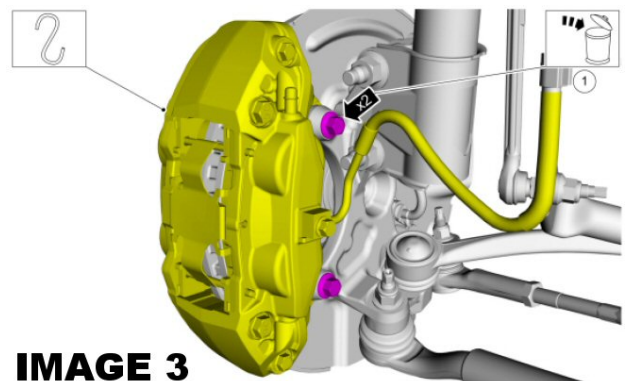
1. Lift vehicle and safely support with jack stands under the frame rails.
2. Remove the wheels/tires.
3. Remove the sway bar end links as shown in **IMAGE 1**.



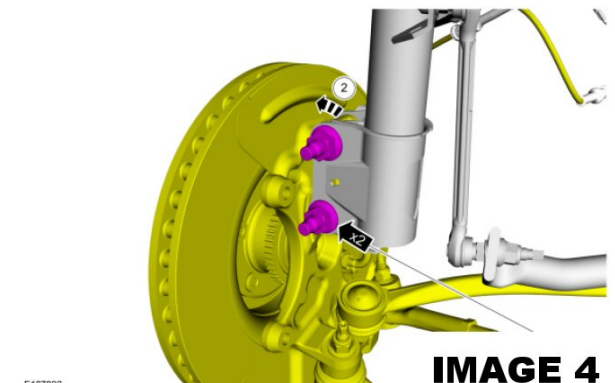
4. Disconnect all brake sensor connectors from the strut body as shown in **IMAGE 2**.



5. Remove the caliper bolts and hang the caliper out of the way. (**IMAGE 3**)



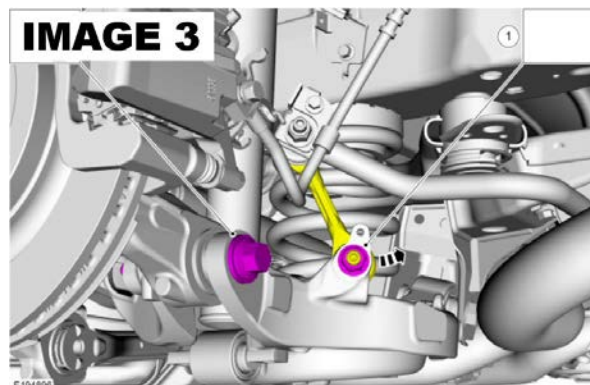
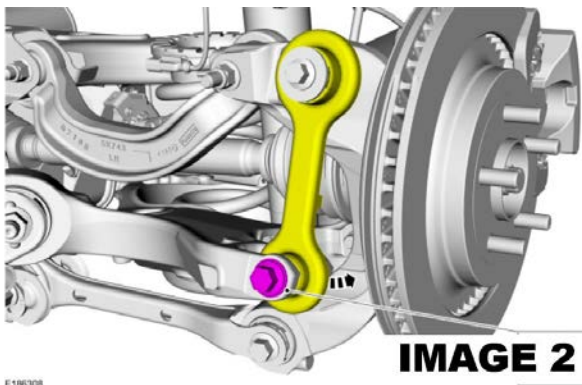
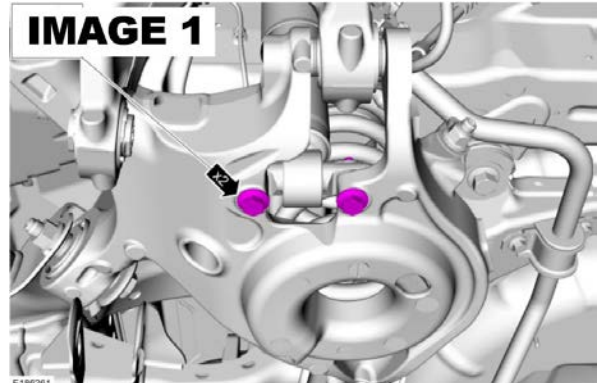
6. Remove the (2) strut bolts at the spindle as shown in **IMAGE 4**.



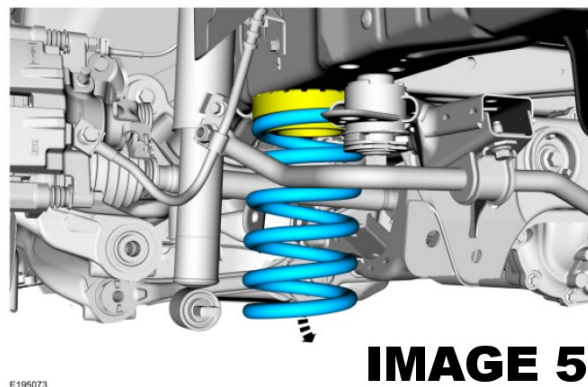
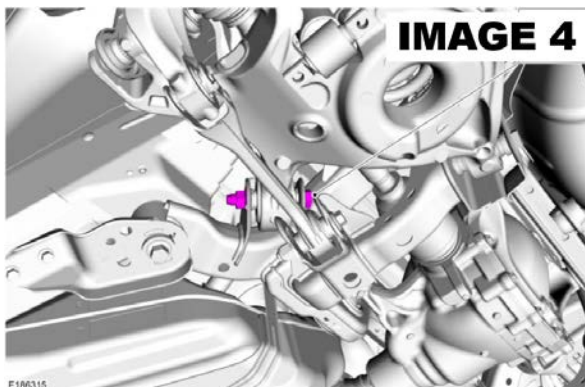
LOWERING SPRING INSTALLATION INSTRUCTIONS (Cont.)

REAR SPRINGS:

1. Lift vehicle and safely support with jack stands under the rear cradle.
2. Remove the wheels/tires to gain access to the work area.
3. There are two ways to remove the rear springs. The easiest and quickest is by lowering the rear cradle but this is only really possible if you have access to a lift with roller jacks or a transmission jack and a few helpers. Because this option is not typically possible, this guide will follow Ford Service Manual recommendations and remove the lower control arms to access the springs.
4. Remove the lower shock bolts.(IMAGE 1)
5. Remove the bottom bolt on the vertical link. (IMAGE 2)
6. Remove the lower sway bar end link nut.(IMAGE 3)



7. Remove the outer bolt on the lower control arm.(IMAGE 3)
8. Remove both inner bolts on the lower control arm.(IMAGE 4)

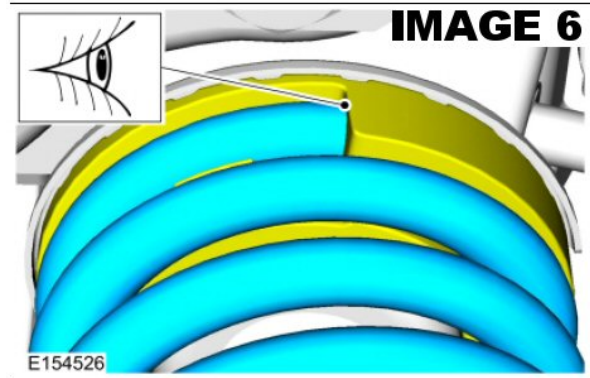


9. Remove the spring.(IMAGE 5)
10. Insert the BMR spring taking care to line up the ends of the spring coil with the spring seats on the top and bottom mounting points.(IMAGE 6)



LOWERING SPRING INSTALLATION INSTRUCTIONS (Cont.)

11. Re-install the A-arm, sway bar end link, vertical link, and lower shock bolts but do not tighten any of the bolts at this time.
12. Once both springs are installed, the suspension must be loaded before tightening all of the suspension points. Failure to do so may result in premature bushing wear and inconsistent ride heights. The easiest way to load the suspension is to back the car up onto ramps and then tighten all of the suspension bolts.



Tighten suspension bolts to the following specifications:

Lower shock bolts:	35 ft/lbs.
Lower vertical link bolt:	129 ft/lbs.
Rear inner lower control arm bolts:	184 ft/lbs.
Front inner lower control arm bolts:	166 ft/lbs.
Outer lower control arm bolts:	203 ft/lbs.

NOTE: Lowering springs will increase negative camber. To prevent premature tire wear, a 4 wheel alignment is recommended after the spring installation.

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