

98' to 05' Lexus GS Suspension Upgrade Details

Here are some YouTube videos on installing the front and rear suspension on a Gen 2 Lexus GS.

[How To Install Raceland Lexus GS350 Coilovers](#) – this video is actually for a 2006 GS350, but I found it very helpful. Other than the two screws on our rear shock mounts, and having an easier time with trunk trim panels on our cars, this was the most helpful video for me.

[Lexus GS Front Strut and Spring Replacement](#) – Note: redonKiLaus the creator of this video has a GS300 and can be helpful, but I find his videos to be a little too verbose for me.

[Lexus GS Rear Strut and Spring Replacement](#) – This is redonKiLaus again.

98' to 05' Lexus GS Rear Assembly:

Note: Take Pictures and reassemble as originals.



Parts 15 & 24 – Bilstein Shocks 24-027441 – [AJUSA](#) (2) \$118

Part 16 – [Vogtland Springs 959087](#) – [AJUSA](#) (1) \$210

Parts 21, 19, 22, & 18 – Rubber Shock Mount Parts - [Moog K160089 Strut Mount Kit](#) – (2) @ 4.26 on Amazon Prime

Part 17 – Rubber Spring Seat – I could only find at Lexus dealership - 48257-30060 (2) ~\$8.00

Parts 21, 19, 17, 22, & 18 – This [Monroe 905930](#) on Amazon for \$10.73 seems to include the rubber spring seat, so it might be a good deal for all of these parts.

Part 23 Metal Shock Mount (learned the hard way there is a left and a right side) reuse your OEM parts.

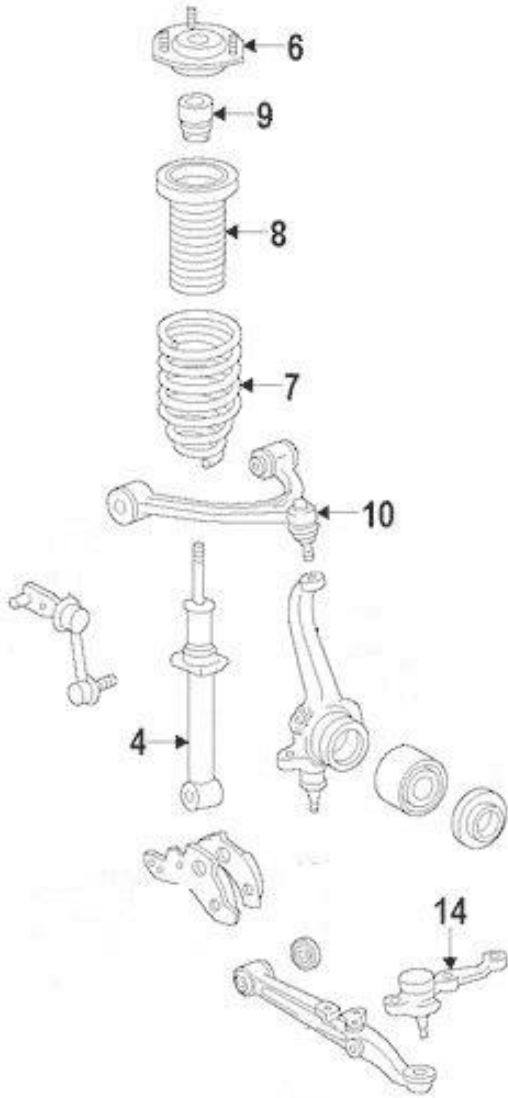
Part 18 Bump Stop – 02 to 05 – [Febest 48341-30100](#) – (2) @ \$11.95 on Amazon - 98 to 01 – [Febest 48341-30080](#) (2) ~\$14

NOTE: Part 18 Rear Bump Stop Changed between 2001 and 2002, so make sure you get the proper part!

I “rented” my spring compressors from Advance Auto, and I was only able to remove the spring compressors from the Vogtland springs by completely unscrewing the shaft of the spring compressors. It makes more sense as you try to remove the spring compressors after installing the springs onto the shocks.

98' to 05' Lexus GS Front Assembly:

Note: Take Pictures and reassemble as originals.



Part 4 – Bilstein Shocks 24-027434 – [AJUSA](#) (2) \$103

Part 7 – [Vogtland Springs 959087](#) – [Listed above.](#)

Part 9 – Front Bump Stop – [Febest 48331-30160](#) – (2) @ \$12.14 on Amazon

Part 8 – Front Shock Boot – [Febest 48157-30040](#) – (2) \$12.39 from Febest USA - Could not find this part on Amazon

Part 6 – Front Upper Shock Mount - 48609-30050 – (2) Prices range from \$97 to \$47.

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On my car the following parts showed obvious signs of wear, and I chose to replace them, but you might or might not need to.

Part 10 – Upper Control Arm. The bearing at the tip were extremely loose, and spun in the socket quite easily. I choose the replace both arms since it was easy with the shocks out of the car, and at ~\$25 each it was a no brainer.

[Right Upper control arm - Febest](#) – 4861039015 - (1) \$24.95 from Amazon

[Left Upper Control Arm - Febest](#) – 4863039015 - (1) \$24.95 from Amazon

[Great YouTube video on doing the Upper Control Arms.](#)

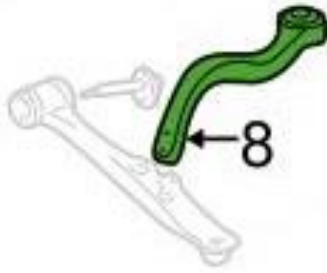
Part 14 - Lower Ball Joint – These are notorious for failing and when they do, it can be very bad.

Right Side Lower Ball Joint - 43330-39535 – between \$95 and [\\$40 on Amazon](#)

Left Side Lower Ball Joint - 43340-39415 – between \$95 and [\\$40 on Amazon](#)

[Very Good Video on How to Install Replace Front Lower Ball Joint LEXUS GS300](#)

Front Continued Below ->



Part 8 (Green Part) – Front Lower Rear Control Arms – The rubber bushing on these parts was completely torn through on the passenger side, and the driver’s side was 50% torn on my car.

Right Front Lower Rear Control Arm - 48660-30281 - between \$115 and \$40

Left Front Lower Rear Control Arm - 48670-30281- between \$115 and \$40

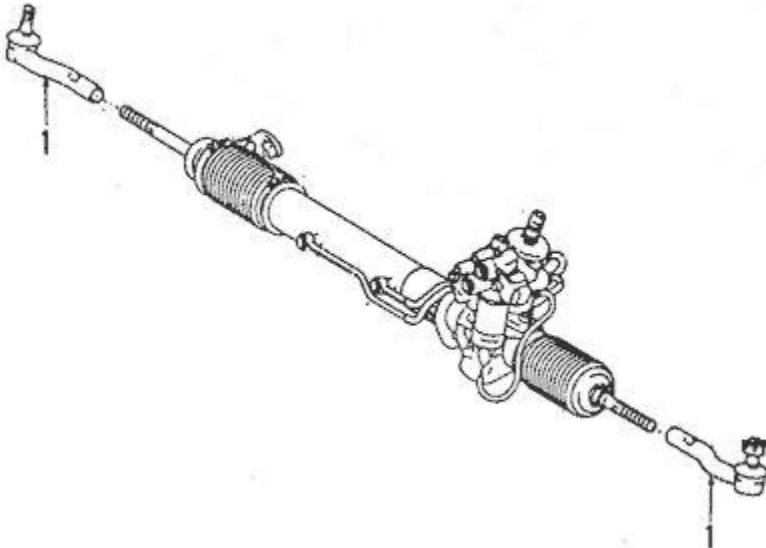
I chose to purchase OEM Lexus replacement parts – Please see my NOTE below where I replaced these bushings with poly bushings. For now I have the new OEM Lexus arms installed.

[Very Good YouTube video of Replacing Lower Control Arm LEXUS GS300](#)

[Good Lexus GS Caster Arm Replacement](#) – redonKilLaus’s “tip” on twisting the arm was how I was able to get this part installed. Note: this is redonKilLaus again.

This rubber bushing in these arms can be replaced in the original metal arms with either rubber or poly bushings, and I actually did this with my original front lower rear control arms. If you want to learn more, I would be happy to tell you. I have not yet installed the arms with the replacement poly bushings, and are currently using the new Lexus ones I purchased. These arms are a real pain to install, and I highly recommend you watch the YouTube videos to see how it is done.

NOTE: It is my understanding that there was a change in the diameter of these replacement bushings so make sure you get the correct size for your arms IF you are trying to replace just the bushings!



Part 1 – Outer Tie Rods – The rubber boots on the bearings of both my outer tie rods were torn, so I chose to replace both my outer tie rods.

Outer Tie Rods - 45460-59015 – between \$59 and [\\$22 from Amazon](#)