



Installation Instructions

ARK Lowering Springs
GT-F and GT-S
(LF0701-1100, LS0701-1100)
for
Hyundai Elantra



Contents

- Front Springs— 2
- Rear Springs—2
- *Orange Springs—GT-F
- *Gold Springs—GT-S

Tools Required

- Socket Wrench/Wrench:
 - 10 mm
 - 12 mm
 - 14 mm
 - 17 mm
 - 19 mm
- Socket Wrench Extension
- Lubricant (WD-40)
- Original scissor jack that came with the vehicle or something equivalent to it

Warning

- Before removing the original springs, be sure to read over the installation instructions and fully understand them.
- If any items in the package are missing please contact your authorized dealer before installation.
- We advise you to have an experienced person or certified mechanic install the lowering springs.
- Loosely fasten all nuts and bolts until everything is installed, then tighten them down to the proper torque specs as you align the suspension parts properly.
- These instructions are specific to the 2011+ Hyundai Elantra. However, please be sure to specify the exact year when purchasing lowering springs.

Removal of OEM Front Springs



1. Properly jack up the vehicle on flat, level ground and support the vehicle on proper jack stands (Figure 1)

2. Begin with removing the front wheels using the proper socket or key for the lug nuts or wheels locks (Figure 1)



3. Place the OEM scissor jack under the brake rotor to support it before unbolting anything (Figure 2)



4. Remove the windshield wipers using a 14 mm socket wrench (Figure 3)



5. Remove the 4 plastic clips on the plastic cover using a flat head, you must push the center down first then pull up on the clips (Figure 4)

Removal of OEM Front Springs



6. Remove the plastic cover (Figure 5)



7. Unplug the windshield wiper washer fluid hose from the plastic cover (Figure 6)



8. Unbolt the top 3 nuts on the strut using a 14 mm socket wrench (Figure 7)

9. Remove the center cap covering the center nut on the strut (Figure 7)



10. Unbolt the sway bar end link with a 19 mm socket wrench (Figure 8)

Removal of OEM Front Springs



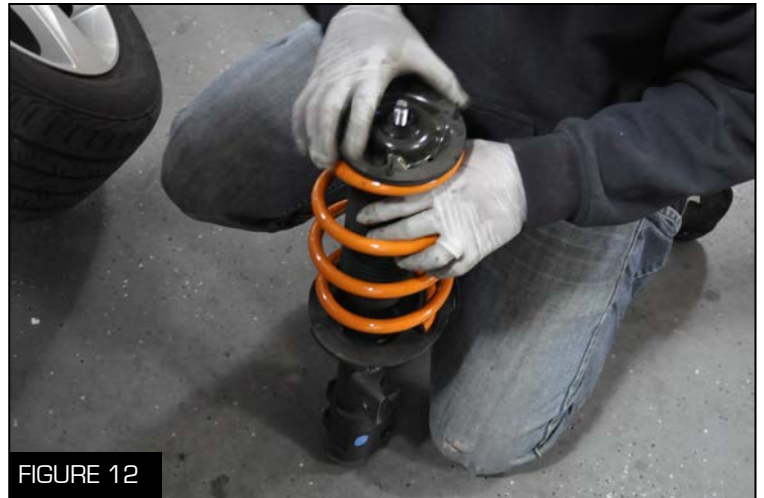
11. Unbolt the two smaller bolts for the brake line using a 12 mm socket wrench (Figure 9)



12. Unbolt the strut from the brake assembly using a 19 mm socket wrench on the nut and a 17 mm socket wrench on the head of the bolt, at this point the assembly will slide outwards (Figure 10)



13. Unbolt the center nut on the shock using a 17 mm socket wrench and remove the OEM spring (Figure 11)



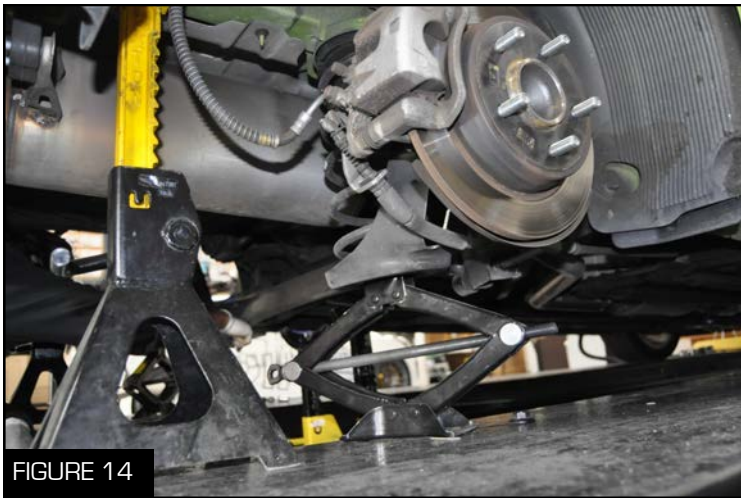
14. Place the ARK Performance GT-F/GT-S spring on the shock and bolt the top back on using the 17 mm socket wrench (Figure 12)

15. Follow the instructions in reverse order to complete the installation of the ARK Performance lowering springs

Removal of OEM Rear Springs



1. With the vehicle properly on jack stands on flat, level ground remove the rear wheels using the proper socket or key to remove the lug nuts or wheels locks (Figure 9)



2. Place the OEM scissor jack under the suspension assembly to support it before unbolting anything (Figure 10)



3. Unbolt the nut on the strut using a 19 mm socket wrench (Figure 11)



4. Pull the bolt out so that the strut comes free (Figure 12)

5. Slowly lower the jack until you are able to remove the OEM spring, then place the new spring in its place; be sure to align the spring so it seats properly (Figure 12)

6. Follow the instructions in reverse to install the ARK Performance lowering springs



First Operation/Maintenance

Be sure to check that the wheel lug nuts are tightened down to the proper torque specifications.

Take the vehicle for a test drive and listen for any odd clunking noises or vibrations. If there are any, go back through the installation instructions and be sure everything is properly tightened.

Be sure to take the vehicle to a professional suspension alignment shop to have your vehicle re-aligned after installing ARK Performance lowering springs.

