

KS Air Cup Coilovers

KS Air Cup Complete Coilover kits are a perfect combination between air ride and coilovers without the loss of performance. With our KS Air Cup Coilovers, not only do you keep the ride quality and performance of the coilovers, but also having the ability to raise your vehicle with a push of a button. A great system for show, track, drift, or daily driven cars. With large numbers of vehicles getting lowered these days, accessing trailers, garages, speed bumps, driveway and car parks are common problems. However, with our Air Cup Coilovers and a click of a button, the air cups inflate, giving the vehicle a raise of around 2 inches (50mm). The kit is a direct bolt on, not needing any modifications, cutting of vehicle body or welding required.

Our product features not only changes in air pressure, but having the ability to adjust the maximum and minimum ride height freely to match up the body kit of the vehicle. Within this product, it includes a full set (front and rear) of high performance 33 levels of dampening and ride height adjustable shock absorbers. Most kits include upper mount in the fronts and rears, depending on the vehicle. The strut comes with pillow ball top mounts having the ability to adjust different degree for camber settings.

Normally you will drive low, so without the cups pressurised. In this situation the air cups just act like a spacer. Whenever you need to pass an obstacle, you can apply pressure to the cups and it will raise your vehicle for 2 inches (50mm). When you pump air into the cylinder, the car will raise. As you decrease pressure, it will lower the suspension, therefore lowering the car. There is no bag or bladder, it is rather a piston "lift" system. If you have any loss of air pressure in the air cup, you would essentially be riding static, so there is no need to worry if a line or something else fails in the system. With the air cup completely decompressed, the ride would be as if you had no air cup installed. Modern systems have a narrow footprint which allow the air cups to fit over most coilovers. Our KS Air Cups essentially allow you to "get over things" that you normally couldn't get over with a low suspension setup. If you like a low riding stance, but have issues with getting over obstacles, air cups will solve your issue. They also stop rubbing problems that are caused from a low riding car when turning.

The air cup lift system will fit on 90% of any brand coilovers with straight springs. Though your coilovers must meet certain dimensional requirements, otherwise you will have to purchase the entire kit, not just the air cups, tank and computer system.