COIL OVER INFORMATION

NOTE: Make sure to review the H&R Cup Kit /Coil Over specific bumpstop information on previous page.

NOTES FOR H&R COIL OVERS

Front springs are marked with either an **"F"** or **"VA"**
Rear springs are marked with either an **"R"** or **"HA"**

Some H&R Coil Overs have stacked springs with a smaller, separate spring. This smaller spring is called a 'tender spring' and is designed to be completely compressed when loaded. On coil overs with 'full bodied' springs you may see coils which are very close to each other. These are dead or inactive coils. These are also designed to be completely compressed when loaded.

Most H&R Coil Over systems have much more adjustment available than needed. When first installed adjust the H&R Coil Over to the highest level of the working range (as specified in product-specific tech sheet) and check all vehicle/tire/wheel clearances before lowering to the desired ride height. All H&R Coil Overs have pre-tension on them to keep the springs tight within the range of adjustment. Most coil overs need to be uninstalled or have the springs compressed before adjustments are made.

Always check wheel clearance (offset) when using H&R Coil Overs. The coil over spring may have clearance issues when adjusted down next to the tire and wheel, especially with aftermarket wheels and tires. If you do not have enough clearance, H&R offers a complete line of precision TRAK+® Wheel Spacers to reduce wheel offset and increase space between the wheel/tire and coil over.

REMEMBER: When you adjust vehicle ride height you must have your wheel alignment checked.

NOTE: *H&R recommends you apply Boeshield® T-9 (included in kit) liberally to the adjuster threads before you make any adjustments. When applicable H&R also recommends an additional application to the threads after any adjustment help prevent any dirt or grit from entering the threads.*

TECHNICAL INFORMATION

revised. 04/30/2014

IMPORTANT
PLEASE READ BEFORE INSTALLATION

NOTES FOR H&R SPRINGS

Front springs are marked with either an **"F"** or **"VA"**
Rear springs are marked with either an **"R"** or **"HA"**

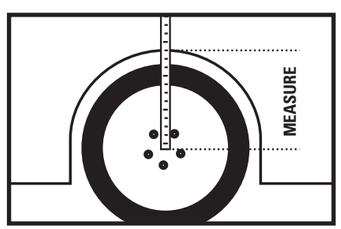
Some H&R Springs are engineered with dead or inactive coils. These are the coils of the spring that are close together before installation and completely compressed when installed and loaded. Dead or inactive coils are required in some applications because when you increase spring rate in a lowering spring, the spring may be shorter than the original. A shorter spring would be loose in the spring perch when the suspension is fully extended which can be extremely dangerous. Dead or inactive coils prevent the lowering spring from being loose in the perch by filling the extra space.

REMEMBER: When you change vehicle ride height you must have your wheel alignment checked.

NOTE: *Ride height may vary on vehicles equipped with factory sport suspension. Vehicle ride height may also vary based on factory/aftermarket accessories.*

LOWERING MEASUREMENTS

It is important to take note of the vehicle ride height before and after installing lowering suspension. To check ride height use a tape measure or yardstick to measure from the wheel center to the upper edge of the fender. Measure before and after lowering vehicle.



STOCK RIDE HEIGHT			H&R LOWERED RIDE HEIGHT		
FRONT LEFT	_____	in.	FRONT LEFT	_____	in.
FRONT RIGHT	_____	in.	FRONT RIGHT	_____	in.
REAR LEFT	_____	in.	REAR LEFT	_____	in.
REAR RIGHT	_____	in.	REAR RIGHT	_____	in.

H&R Springs and suspensions should be installed by professional suspension mechanics only. H&R Special Springs, LP is not responsible for damage caused by improper installation.

BUMPSTOP INFORMATION

SPRING KIT INSTALLATION NOTES

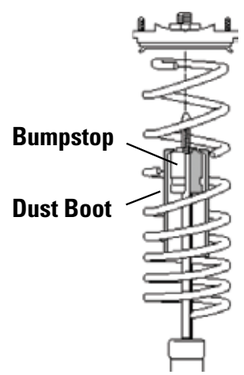
NOTE: If your part number is not listed, no action is needed.

Certain suspension applications require trimming of the factory bumpstops when lowering springs are installed. The following part numbers require trimming of either the FRONT and/or REAR bumpstop.

PART#	MAKE	TRIM FRONT	TRIM REAR
50152	Acura TSX	.50" from top	N/A
29484	BMW (E46)	.75"	N/A
29774	Ford Contour, Mercury Mystique	1.0" from middle	1.0"
29813	Porsche 911/964 C2/C4	.75"	N/A
29834	Porsche RS / Turbo	.75"	N/A
50404-88	BMW M3 (E30)	.75" - 1.0"	.30" - .50"
29910	BMW M3 (E36)	.75"	N/A
29910-2	BMW M3 (E36)	.75"	N/A
50410-55	BMW M3 (E36)	.75"	N/A
50410-88	BMW M3 (E36)	.75"	N/A
50412-88	BMW M3 (E36)	.75"	N/A
50776	Chevrolet Camaro LS, LT V6	N/A	1.0" from bottom
50776-77	Chevrolet Camaro LS, LT V6	N/A	1.0" from bottom
50778	Chevrolet Camaro SS V8	N/A	1.0" from bottom
50778-77	Chevrolet Camaro SS V8	N/A	1.0" from bottom
50786	Chevrolet Camaro LS/LT V6	N/A	1.0" from bottom
50786-2	Chevrolet Camaro Convertible	N/A	1.0" from bottom
50786-77	Chevrolet Camaro LS/LT V6, Camaro Convertible	N/A	1.0" from bottom
50788	Chevrolet Camaro SS V8	N/A	1.0" from bottom
50788-77	Chevrolet Camaro SS V8	N/A	1.0" from bottom
50863	Dodge Dart	See Included Note	N/A
51655-77	Ford Mustang	.25"	N/A
51655-88	Ford Mustang	.25"	N/A
51657-77	Ford Mustang	.40"	.75"
51657-88	Ford Mustang	.40"	.75"
51690-77	Ford Mustang	.40"	.75"
51690-88	Ford Mustang	.40"	.75"
50760	GMC Acadia, Buick Enclave, Saturn Outlook, Chevrolet Traverse	N/A	.50"
28993-1	Kia Soul	1.25" from bottom	N/A
51845	Honda Accord	.75"	N/A
51846	Honda Accord	.75"	N/A
52012	Hyundai Azera	.75"	N/A
52426	Lexus LS400	.25" from top	N/A
52962	Mitsubishi Eclipse 2WD, Eagle Talon	.60"	N/A
52981	Mitsubishi 3000 GT VR4, Dodge Stealth	.75"	N/A
53038	Nissan Sentra B15	See Included Note	N/A
54340	Saturn Coupe, Sedan	.75"	.50"
54341	Saturn SC1, SC2, SL, SL2	.75"	.50"
54408	Scion FR-S, Subaru BRZ	.75" from bottom	.75" from bottom
54408-77	Scion FR-S, Subaru BRZ	.75" from bottom	.75" from bottom
54686	Toyota Camry (4 cyl.)	1.0" from bottom	N/A
54686-2	Toyota Camry (6 cyl.)	1.0" from bottom	N/A
54706	VW Corrado, G60	N/A	1.25"
54707	VW Corrado, VR6	1.0"	N/A
54715-88	VW Corrado, Golf, Jetta	N/A	1.25"
54741	VW Golf III Cabrio	N/A	1.25"
54746	VW Passat Sedan, VR6	.75"	N/A
54746-2	VW Passat Wagon, VR6	.75"	N/A
54711	VW Golf / Jetta II, 8V	N/A	1.25"
54748	VW Golf / Jetta III, 8V/VR6	N/A	1.25"
54764	VW Golf / Jetta III, 4 cyl.	N/A	1.25"

BUMPSTOP INFORMATION

CUP KIT / COIL OVER INSTALLATION NOTES



IMPORTANT

Please note that original bumpstop, dustboot, and other OEM parts must be re-used if not included in kit. If OEM parts are not in 'like new' condition, they must be replaced.

FAILURE TO INSTALL OEM PARTS WILL VOID WARRANTY

MERCEDES-BENZ® INFORMATION

Mercedes Benz® vehicle ride height may vary due to options and factory ride height adjustment shims. Mercedes Benz® ride height adjustment shims are OEM rubber shim perches which are located on the top of the spring. These shims vary in thickness from 8 – 23mm.

Small ridges on the side of the shim identify the thickness of the pad. The front shims are available in one to four ridges, four being thickest. The rear shims are available in one to three ridges, three being thickest. If additional height adjustment is required after installing H&R Springs, please contact your Mercedes Benz® dealer.

DISREGARD THIS NOTE IF THE SHIMS DO NOT HAVE RIDGES (NEWER CARS)