

Chrysler 300C Dodge Magnum & Charger

Featuring:



- Coilover Kit Variant 1
- Coilover Kit Variant 2
- Coilover Kit Variant 3

KW offers the highest quality suspension solutions for on and off track applications. KW is renowned for out industry exclusive INOX stainless steel construction, and relied on by the professionals for our patented valve technology. It's the number one choice for performance minded drivers.



- LSD Kit

LSD (Lambo Style Doors) is the world's only crash tested lambo style door system. LSD offers vehicle specific applications. Engineered as a bolt-on solution, our LSD-Door kits take all of the guess work out for you and come ready to install. LSD-Doors utilize patented technology and integrate safety features in each LSD-Door kit, thereby offering your customer a safe and user friendly solution.



- Lowering Springs
- Shock Kit
- Coilover Kit
- Anti Sway Bars

ST offers a comprehensive range of suspension solutions to meet the growing needs of every enthusiast who demands style performance handling and safety. From the quality of materials to production methods, ST is a step above the rest. ST is the enthusiasts choice.



brands of KW automotive North America, Inc. — www.KWautomotive.com



Product Information

for

Chrysler 300C Dodge Magnum & Charger

KW COILOVER VARIANT 1

The ideal systems for customers wishing to rely on the experience of our engineers yet determine their own degree of lowering. In extensive driving tests our engineers have set the dampers for the best balance between sporty driving, comfort and safety.

- Optimally adjusted, sporty and comfortable dampening technology
- "Inox-line" stainless steel technology at no extra cost
- Individually height adjustability
- TUEV-tested lowering range
- High-quality components for long life
- Comprehensive documentation for ease of use infinitely



Variant 2 #15228017



Variant 2 #15227016

KW COILOVER VARIANT 2

Variant 2 is the ideal system for sporty drivers, who also wish to make modifications in ride height and rebound dampening. The adjustable rebound damper allows adjustment of the pitch and roll behavior of the vehicle, adapting it to one's own driving style.

- Damping technology with individually adjustable rebound
- "Inox-line" stainless steel technology at no extra cost
- Individually height adjustability
- TUEV-tested adjustment parameters
- High-quality components for long life
- Comprehensive documentation for ease of use
- Infinitely adjustable rebound dampening

| Application | Year | Model | lowering adjustment ranges | | | | Springrates | | Footnotes | Variant 1 | Variant 2 |
|--------------------------------|-------|------------|-------------------------------------|-------|-----------|---------|-------------|------|------------|------------------------|---------------------------------|
| | | | TÜV approved (minimum - maximum) | | | | in lbs/inch | | | with pre-set dampening | with adjustable rebound damping |
| | | | in mm | | in inches | | front | rear | | front | rear |
| Chrysler 300C, Dodge Magnum | 2004+ | 6 Cyl. 2WD | 20-50 | 25-55 | 0.8-2.0 | 1-2.2 | 500 | 685 | 2),28) | 10227006 | 15227006 |
| | | 8 Cyl. 2WD | 20-50 | 25-55 | 0.8-2.0 | 1-2.2 | 500 | 685 | 2),28) | 10227016 | 15227016 |
| Chrysler 300C, Dodge Magnum | 2004+ | 6 Cyl. 4WD | 30-55 | 30-55 | 1.2-2.2 | 1.2-2.2 | 500 | 685 | 2),28) | | 15227007 |
| | | 8 Cyl. 4WD | 20-50 | 25-55 | 1.2-2.2 | 1.2-2.2 | 500 | 685 | 2),28) | | 15227017 |
| Dodge Charger | 2006 | 6 Cyl. 2WD | 20-50 | 25-55 | 0.8-2.0 | 1-2.2 | 500 | 685 | 2),28),99) | 10228006 | 15228006 |
| | | 8 Cyl. 2WD | 20-50 | 25-55 | 0.8-2.0 | 1-2.2 | 500 | 685 | 2),28),99) | 10228016 | 15228016 |

FOOTNOTES:

- 2) Height adjustable front and rear axles (front axle threaded strut housings, rear axle adjustable springs and dampers)
- 28) The standard self leveling shock absorber has to be replaced by the supplied sport shock absorber
- 99) Without German TÜV Certificate



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April 2007



Product Information

for

Chrysler 300C Dodge Magnum & Charger

KW COILOVER VARIANT 3

The Variant 3 is state-of the art technology for the skilled and experienced driver. The separate and independent compression and rebound dampening options allow a truly individual driving set-up.

- Damping technology with individually adjustable rebound
- "Inox-line" stainless steel technology at no extra cost
- Individually height adjustability
- TUEV-tested adjustment parameters
- High-quality components for long life
- Comprehensive documentation for ease of use infinitely adjustable rebound damping
- 14 level adjustable compression damping



Clubsport Kit #35227026

KW CLUBSPORT SUSPENSION

KW has recognized the increase in level of participation and interest of Clubsport enthusiasts world-wide. Therefore, KW has decided to launch new product line – KW Clubsport. Based on Motorsport applications it targets the enthusiast looking for more aggressive setup for the racetrack with some mild road use.

Enthusiasts have taken it upon them to build more track dedicated cars from their usually base of street going vehicles. Modifications consist of decreasing overall vehicle weight, increased horsepower and larger sized wheels and tires. Enthusiasts require a suspension setup capable of handling the increased forces that their vehicles demand. Clubsport has been released to fill that void as road setups are no longer ideal for this level of performance car.

- Performance setup for the racetrack
- Dampers in compression and rebound forces independently adjustable
- Use of high performance linear race springs

| Application | Year | Model | lowering adjustment ranges* | | | | Springrates* | | Footnotes | Variant 3 | Clubsport Kit |
|---|-------|------------|-------------------------------------|-------|---------|-------|--------------|------|----------------|---|------------------|
| | | | TÜV approved (minimum - maximum) | | | | in lbs/inch | | | with adjustable rebound and compression dampening | incl. top mounts |
| | | | front | rear | front | rear | front | rear | | Part no. | Part no. |
| Chrysler 300C, Dodge Magnum Dodge Charger | 2004+ | 6 Cyl. 2WD | 20-50 | 25-55 | 0.8-2.0 | 1-2.2 | 500 | 685 | 2),28),97),99) | 35227026 | 35227826 |
| | | 8 Cyl. 2WD | 20-50 | 25-55 | 0.8-2.0 | 1-2.2 | 500 | 685 | 2),28),97),99) | 35227036 | 35227836 |

FOOTNOTES:

- 2) Height adjustable front and rear axles (front axle threaded strut housings, rear axle adjustable springs and dampers)
- 28) The standard self leveling shock absorber has to be replaced by the supplied sport shock absorber
- 97) Without German TÜV Certificate, confirmation of material strength of individual approval referring to German law (§21) possible
- 99) Without German TÜV Certificate
- *) just applies to Variant 3



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LSD Kit

LSD-Doors offers the worlds only crash tested lambo style door system for the Chrysler 300C, Dodge Magnum and Dodge Charger. The bolt-on ready kit offers a Side Impact Safety Lock, M.A.R.A. (Multiple - Axis - Rotational - Assembly) and Magic Stick Technology. A patented Side Impact Safety Lock is integrated into each LSD-Door system. The M.A.R.A. C-shaped pivot arm connection provides a range of adjustment for proper gap clearance for smooth operation. The "Magic Stick" technology provides a second hinge point and supports the door when closed. Each LSD-Door kit is vehicle specific and offers factory like fit.



It's all about the details:

1. M.A.R.A. Technology
Multiple-Axis-Rotational-Assembly
2. "Magic Stick" technology
3. Patented safety locking for side impact
4. Vehicle-specific gas springs
5. Adjustable roller guide for the pivot arm



Inside the package is everything you need to do the installation:

- two completely per-assembled LSD hinges including high pressure gas dampers
- Complete LSD hardware kit, including wire harness extensions with insulated cable connectors
- Waterproof insulation tape, wire guide clips and wire ties
- Fully illustrated step by step installation manual

| Manufacturer / Vehicle Type | Model | Year of construction | Footnotes | Part No. |
|---|-------|----------------------|------------|----------|
| Chrysler 300C, Dodge Charger, Dodge Magnum, | All | 2005+ | a), d), j) | 50027004 |

FOOTNOTES:

- a) Dismantling and slight modification of the fender might be necessary
- d) The wire harness extension is necessary
- j) Vehicles with airbags in the doors - the functionality of the airbag needs to be tested after the cable is extended



Product Information

for

Chrysler 300C Dodge Magnum & Charger



Sport Springs

Each spring is specifically engineered for optimal performance and comfort. Improve your ride with ST Suspension Sport Springs to lower the center of gravity, reduce body roll in corners, and limit weight transfer under acceleration.

ST Sport Springs are manufactured of high-tensile steel, rigorously tested and inspected, as well as powder-coated for durability.

Sporttech Springs Line

Developed for daily driving, featuring moderate lowering for a sporty look and improved handling, without sacrificing ride quality.

| Application | Model | Part no. | Drop | | | |
|--|-----------------------|----------|-------|------|------|------|
| | | | front | | rear | |
| | | | in | mm | in | mm |
| Chrysler 300C Dodge Magnum Dodge Charger | 6 Cyl. | 65503 | 35 | 1.4" | 35 | 1.4" |
| | 8 Cyl. (exc. SRT8) | 65504 | 35 | 1.4" | 35 | 1.4" |

Shock Kit

Using stock shocks with lowering springs can result in a harsh ride, bottoming out and premature wear of shocks. This can all be avoided by installing ST Port Shocks which are specially designed for use with lowering springs. They feature advanced valve tuning and reduced shock travel for optimal performance while still maintaining ride comfort.

| Application | Model | Part no. | Drop | | | |
|--|-----------------------|----------|-------|------|------|------|
| | | | front | | rear | |
| | | | in | mm | in | mm |
| Chrysler 300C Dodge Magnum Dodge Charger | 6 Cyl. | 47060 | 35 | 1.4" | 35 | 1.4" |
| | 8 Cyl. (exc. SRT8) | 47063 | 35 | 1.4" | 35 | 1.4" |



Actual product may differ from what is shown



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Sport Suspension Kits

ST Sport Suspension kits are professionally designed to meet the demands of the enthusiast. Utilizing Sporttech springs, mated with perfectly matched ST Sport Shocks, these complete packages offer significant improvements in handling and grip.

| Application | Model | Part no. | Drop | | | |
|--|-----------------------|----------|-------|------|------|------|
| | | | front | | rear | |
| | | | in | mm | in | mm |
| Chrysler 300C Dodge Magnum Dodge Charger | 6 Cyl. | 80210 | 35 | 1.4" | 35 | 1.4" |
| | 8 Cyl. (exc. SRT8) | 80213 | 35 | 1.4" | 35 | 1.4" |



Actual product may differ from what is shown



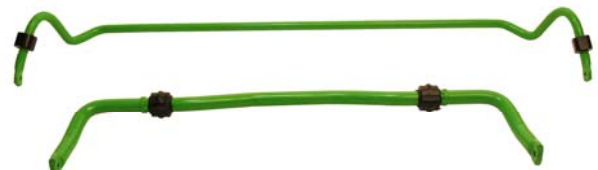
Coilover Kits

The threaded shock bodies allow you to customize the vehicle's ride height to the way you want it without compromising safety, functionality or driving performance. Each application is thoroughly engineered and tested under road and track conditions by our European manufacturing facility to ensure it meets the highest quality standards of the German TÜV.

| Application | Model | Part no. | Drop | | | |
|--|--------|----------|---------|-------|---------|-------|
| | | | front | | rear | |
| | | | in | mm | in | mm |
| Chrysler 300C Dodge Magnum Dodge Charger | 6 Cyl. | 90280 | 1.2-2.0 | 30-70 | 1.2-2.0 | 30-70 |
| | 8 Cyl. | 90281 | 1.2-2.0 | 30-70 | 1.2-2.0 | 30-70 |

Anti-Sway Bars

ST offers the best anti-sway bars on the market. By integrating an adjustable lower tie brace to tighten and strengthen the rear lower sub-frame with a rear anti-sway bar featuring adjustable end-links, these kits can be set up for street or race applications. With the added benefits of urethane bushings, anodized brackets, complete hardware, and easy to follow installation instructions, this innovative ST suspension solution is the ultimate handling upgrade for vehicle.






| All Models | Part No | Bar Dia. | |
|------------------|---------|----------|------|
| | | in | mm |
| Front Sway Bar | 50504 | 1 1/4" | 31.8 |
| Rear Sway Bar | 51504 | 7/8" | 22.2 |
| Front & Rear Set | 52504 | | |



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| BRAND | PART # | JOBBER PRICE | MSRP |
|---|------------------------------|--------------|------------|
|  | Coilover Variant 1 | | |
| | 10227006 | \$1,240.00 | \$1,475.00 |
| | 10227016 | \$1,240.00 | \$1,475.00 |
| | Coilover Variant 2 | | |
| | 15227006 | \$1,525.00 | \$1,795.00 |
| | 15227016 | \$1,525.00 | \$1,795.00 |
| | 15227007 | \$1,525.00 | \$1,795.00 |
| | 15227017 | \$1,525.00 | \$1,795.00 |
| | Coilover Variant 3 | | |
| | 35227026 | TBA | TBA |
| | 35227036 | TBA | TBA |
| | ClubSport Suspension | | |
| | 35227826 | TBA | TBA |
| | 35227836 | TBA | TBA |
|  | LSD Kit | | |
| | 50027004 | \$1,699.00 | \$1,999.00 |
|  | Sport Springs | | |
| | 65503 | \$262.65 | \$309.00 |
| | 65504 | \$262.65 | \$309.00 |
| | Shock Kits | | |
| | 47060 | \$552.50 | \$650.00 |
| | 47063 | \$552.50 | \$650.00 |
| | Sport Suspension Kits | | |
| | 80210 | \$794.75 | \$935.00 |
| | 80213 | \$794.75 | \$935.00 |
| | Coilover Kits | | |
| | 90280 | \$1,037.69 | \$1,220.81 |
| | 90281 | \$1,037.69 | \$1,220.81 |
| | Anti Sway Bars | | |
| | 50504 | \$199.75 | \$235.00 |
| | 51504 | \$187.00 | \$220.00 |
| 52504 | \$378.25 | \$445.00 | |