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AFTERSALES BUSINESS DEVELOPMENT & MARKETING MINI DEALER BULLETIN

SUBJECT: JOHN COOPER WORKS SPORT SUSPENSION



GENERAL:

Aftersales is pleased to announce the release of the John Cooper Works Sport Suspension for MY05 MINI Cooper and MINI Cooper S hardtop, produced after 07/04.

Mike Cooper designed the John Cooper Works Sport Suspension in conjunction with the BMW Group chassis specialists to improve dynamic handling performance while maintaining a proper on-road ride comfort. The components have been specially designed for outstanding road holding and superior driver feedback on all surfaces. The JCW Suspension reduces ground clearance by about 10mm to ensure even more exciting cornering. To distinguish the sport suspension from the stock suspension, the coil springs are finished in red.

The Sport Suspension kit for the MINI Cooper S includes four McPherson strut shock absorbers and the required mounting parts. For the MINI Cooper the kit also includes two stabilizer bars. The coil springs need to be ordered separately, depending on the options installed on the individual vehicle.



SALES FEATURES/BENEFITS

The targets for the development of the John Cooper Works Sport Suspension have been:

- Increased cornering
- Improved traction
- Reduced roll angle in corners

To achieve these targets, stiffer springs are the heart of the sport suspension kit to lower the center of gravity. The shock absorbers are customized for these stiffer springs, with a shorter piston rod and a special control valve assembly. This combination allows improved road holding in combination with enough ride comfort for the day-to-day driving.

Why only 10mm lower? The John Cooper Works Sport Suspension has not been developed for a smooth racetrack. It has been developed to deliver enhanced cornering speed on different road surfaces, like twisty mountain roads. That is the main reason, why the car has been lowered by just 10mm. As the main development targets, it was important that even with the improved road holding, the suspension has to deliver an acceptable amount of comfort. The John Cooper Works Sport Suspension also harmonizes perfectly with the MINI DSC system. This is another unique feature of this suspension kit. Cars with aftermarket suspensions with extremely lowered ride height may lose traction on uneven surfaces, which can lead to interruptions of the smooth operation of the DSC system.

To improve the steering response and get even more precise handling, we recommend the combination of the sport suspension with the 18" John Cooper Works Wheels. In addition, the large wheels together with the lowered ride height deliver an impressive custom look. Please refer to bulletin M 36 01 04 for more details on the wheel.

In the words of **Rauno Aaltonen**, rallying legend and winner of the 1967 Monte Carlo Rally in a Mini Cooper S, after rigorously testing the sports suspension:

“On difficult, tight runs the MINI with JCW sports suspension can be steered even better into bends. The slightest of steering-wheel movements are enough to maintain the MINI on course. The inner front wheel maintains contact with the road surface, thus allowing the MINI to accelerate faster out of the bend. ... I wholeheartedly recommend the JCW sports suspension to adventurous drivers, who like nothing better than taking to country roads and winding mountain routes.”

ORDERING OF THE SPRINGS

Depending on the option a customer has chosen for his/her MINI, the weight differs from car to car. Given these differences, there is a benefit of the JCW Sport Suspension Kit over most aftermarket kits: The possibility to use different springs to adopt the suspension to the MINI, depending on the actual weight of the car. As for the stock replacement springs, the part number for the sport suspension springs can be determined with the spring table in the EPC. Aside from the part number of the JCW Suspension Kit in the EPC you will also find a dummy VIN number. After entering this dummy VIN number into the model specification screen in the EPC and choosing the spring table tab, you can enter the options installed on the individual car and the system will provide you a part number for the front and rear spring. The part number is for one spring; you have to order two of each.

INSTALLATION:

NOTE: The recess in the vehicle body above the rear axle is already provided from the factory on all cars built after 07/04. The described work in the installation instructions to modify the body flange is not required for these vehicles!



Suggested installation time:

MINI Cooper S/ MINI Cooper with Sport Suspension plus:	3.0 hrs
MINI Cooper:	5.0 hrs
+ Wheel alignment (required for all vehicles)	2.0 hrs

Parts Information:

ITEM	PART NUMBER	M.S.R.P.
John Cooper Works Sport Suspension for MINI Cooper S and MINI Cooper with Sport Suspension plus Built after 07/04 ¹⁾	31 30 0 308 862	\$ 565.00
John Cooper Works Sport Suspension for MINI Cooper Built after 07/04 ¹⁾	31 30 0 308 861	\$ 740.00
Coil Spring front ²⁾	31 33 6 768 414	\$ 95.00
Coil Spring front ²⁾	31 33 6 768 415	\$ 95.00
Coil Spring front ²⁾	31 33 6 768 416	\$ 95.00
Coil Spring rear ²⁾	33 53 6 768 417	\$ 95.00
Coil Spring rear ²⁾	33 53 6 768 418	\$ 95.00
Coil Spring rear ²⁾	33 53 6 768 419	\$ 95.00

1) The John Cooper Works Sport Suspension must not be installed on MINI Cooper and Cooper S convertibles and cars which have been produced before 7/04.

2) Part number is for one spring. Two front and two rear springs are required for a complete installation.

Note:

The JCW Suspension Kit may only be installed in full to ensure that it complies with the warranty conditions. Parts of the kit must not be installed individually.

Very truly yours,

Alan E. Harris
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Aftersales

Greg Marks
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