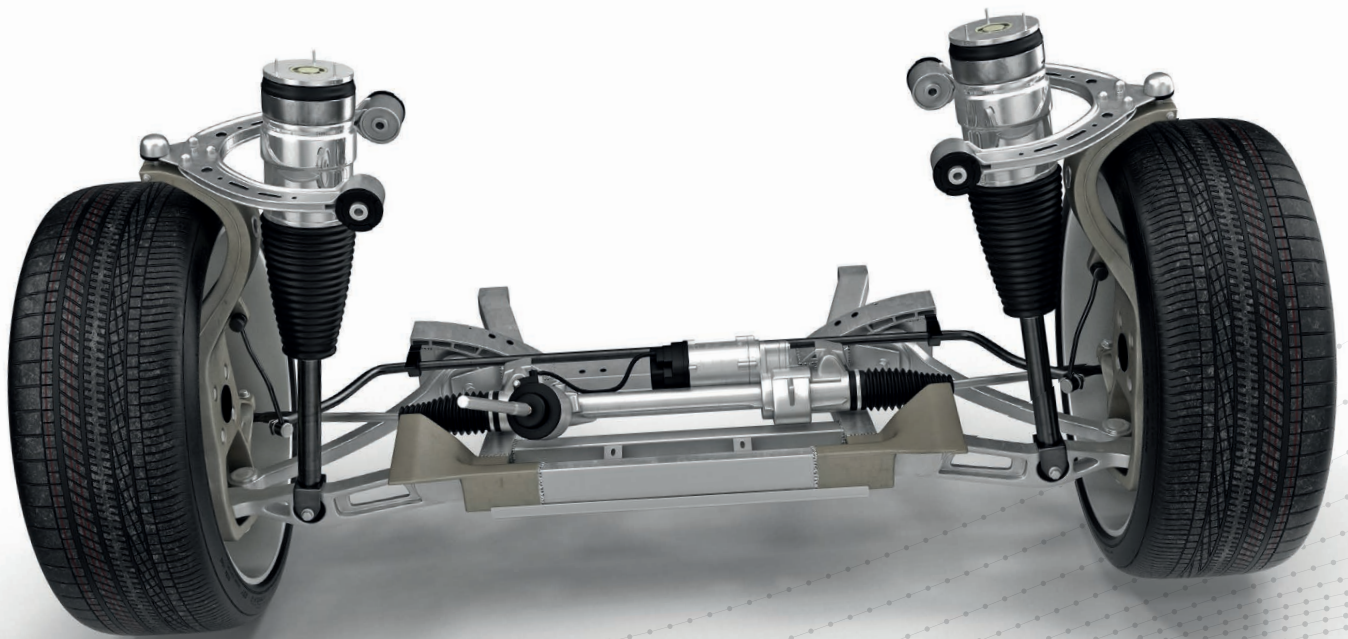


**MAGNETI
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PARTS & SERVICES



AIR SUSPENSION

Air Suspension

Magneti Marelli Parts & Services enlarges its offer for suspensions products with a **new air suspensions range**.

It includes air struts, shock absorbers and air bags targeted at SUV and premium cars of the European car park.

			AIR STRUT		AIR SPRING		SHOCK ABSORBER		
			RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	
AUDI	A6 (4B2, C5)	1997 → 2004		0310AS	0310AS	0310AB	0310AB		
	A6 (4F2, C6)	2004 → 2011		0390AS	0391AS				
	A6 Allroad (4FH, C6)	2004 → 2011		0390AS	0391AS	0010AB	0010AB		
	A6 Avant (4F5, C6)	2004 → 2011		0390AS	0391AS				
	ALLROAD (4BH, C5)	2000 → 2005		0310AS	0310AS	0310AB	0310AB		
	Q7 (4L)	2005 → 2015		0180AS	0181AS	0180AB	0181AB		
				0190AS	0191AS	0191AB	0191AB		
BMW	5 Gran Turismo (F07)	2011 → 2017				5827AB	5827AB		
	5 Touring (E39)	1997 → 2003				5614AB	5613AB		
	5 Touring (E61)	2003 → 2010				5602AB	5602AB		
	5 Touring (F11)	2011 → 2017				5827AB	5827AB		
	X5 (E53)	1999 → 2006		5020AS	5021AS	5020AB	5021AB		
	X5 (E70)	2007 → 2013				5078AB	5078AB		
	X5 (F15, F85)	2013 → 2018				5013AB	5013AB		
	X6 (E71, E72)	2008 → 2014				5078AB	5078AB		
									
CITROËN	C4 Grand Picasso I	2006 → 2013				5102AB	5102AB		
	C4 Picasso I	2006 → 2013				5102AB	5102AB		
LAND ROVER	DISCOVERY II (L318)	1998 → 2004				2020AB	2020AB		
	DISCOVERY III (L319)	2004 → 2009		7580AS	7580AS	5800AB	5800AB	7580SA	7580SA
	DISCOVERY IV (L319)	2009 →		7570AS	7570AS	7570AB	7570AB	7570SA	7570SA
	DISCOVERY IV (L319)	2009 →		7580AS	7580AS			7580SA	7580SA
	DISCOVERY IV (L319)	2009 →		7570AS	7570AS			7570SA	7570SA
	RANGE ROVER EVOQUE (L538)	2012 → 2016						3216SA	3215SA
	RANGE ROVER EVOQUE (L538)	2012 → 2016						3218SA	3217SA
RANGE ROVER III (L322)	2002 → 2012		7400AS	7401AS	7400AB	7401AB			
RANGE ROVER III (L322)	2002 → 2012				4700AB	4700AB			
RANGE ROVER SPORT (L320)	2005 → 2013		7580AS	7580AS	5800AB	5800AB	7580SA	7580SA	
RANGE ROVER SPORT (L320)	2005 → 2013		7570AS	7570AS	7570AB	7570AB	7570SA	7570SA	

» 83 codes

» Air bags, shock absorbers and air strut

» Products with excellent fit and function at an affordable price

» Easy fitting and very convenient solution for the aftermarket

			AIR STRUT		AIR SPRING		SHOCK ABSORBER	
			RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT
MERCEDES-BENZ	CLASSE E (W211) 2002 → 2009		5514AS	5513AS				
	CLASSE M (W164) 2005 → 2011		6113AS	6113AS	0925AB	0925AB		
	CLASSE M (W164) with ADS 2005 → 2011		6013AS	6013AS	6013AB	6013AB		
	CLASSE M (W166) 2012 → 2015		2631AS	2631AS	0726AB	0726AB		
	CLASSE R (W251, V251) 2006 → 2013		0400AS	0300AS	0400AB	0300AB		
	CLASSE R (W251, V251) with ADS 2006 → 2013		0166AS	0166AS	0726AB	0726AB		
	CLASSE S (W220) 1998 → 2006							
	CLASSE S (W221) 2005 → 2012				0025AB	0025AB		
	CLASSE S (W221) 4-MATIC 2005 → 2012		3113AS	3113AS	3113AB	3113AB		
	CLASSE V (638/2) 1996 → 2003		1431AS	1431AS	0025AB	0025AB		
	VITO Furgonato (W639) 2003 → 2014		2438AS	2438AS				
	VITO Autobus (638) 1996 → 2003		4913AS	4913AS				
	VITO Furgonato (638) 1997 → 2003		4914AS	4915AS				
	VITO Furgonato (638) 1997 → 2003		4914AS	4915AS				
PORSCHE	CAYENNE (92A) 2010 → 2016				6381AB	6381AB		
	CAYENNE (9PA) 2002 → 2010				6391AB	6391AB		
	PANAMERA (970) 2009 → 2013				6381AB	6381AB		
	PANAMERA (970) 2009 → 2013				6381AB	6381AB		
TOYOTA	LAND CRUISER 200 (J20) 2012 →							
	LAND CRUISER PRADO (J120) 2002 → 2009				3510AB	3509AB		
	LAND CRUISER PRADO (J150) 2009 →				3502AB	3501AB		
	LAND CRUISER PRADO (J150) 2015 →				3502AB	3501AB		
VW	TOUAREG (7LA, 7L6, 7L7) 2003 → 2010		0180AS	0181AS	0180AB	0181AB		
	TOUAREG (7P5, 7P6) 2010 → 2016		0190AS	0191AS	0191AB	0191AB		
			0510AS	0511AS				
			0520AS	0521AS	0520AB	0521AB	0520SA	0521SA

Find out more about **air suspension**

More product information, cross references and applications available on TecDoc



Discover the full suspensions range on Marelli website:

www.magnetimarelli-parts-and-services.com



PRODUCTS INFORMATION – Air suspensions represent an alternative system with respect to the traditional suspensions formed by shock absorber and coil spring.

The system is composed by: air strut and/or air bag with shock absorber, electronic controlled unit, air compressor, valves, pressure tank, height sensor, air ducts.

The **air bag**, made of robust plastic, replaces the coil spring. It is a sort of lung that enables to set the height of the vehicle thanks to the air pression. The pression can be regulated

thanks to the electric compressors and the set of valves, and therefore to choose the riding style according to the different road conditions.

The **shock absorber** and the **strut** perform the same function of traditional hydraulic and oil ones, they absorb, control and dampen the vehicles oscillations. They have a different design, since they fit an air bag instead of the coil spring.

The **air suspensions** mainly fit premium cars.



BENEFITS – Regulate the vehicle set up and damping force according to road condition, riding style and performance desired.

Select vehicle's configuration among the ones created by the manufacturer.

Increased safety, improved ride quality and vehicle handling. Improved comfort for the driver and the passengers.



FITTING INFORMATION – In air suspension systems there are mainly three installation alternatives:

- **shock absorbers with air bag**
- **shock absorbers** (without any support)
- **air struts**

The air bag can be replaced individually, it is not mandatory to change the shock absorbers as well. In few cases it is possible to replace the air struts with the combination shock absorbers and air bags.



SUBSTITUTION – It is recommended to replace right and left side together.

The substitution of air suspension might require calibration in diagnosis.

It is common for air bags, made of rubber, to be subject of wear and tear.

Most frequent reason of air suspension substitution is linked with the damage of the air bags. Failure of an air spring may result in the complete immobilization of the vehicle, with the possibility to damage the electronic compressor too.

Mechanical suspension cannot replace air suspension, and vice-versa.



OUR PARTS

SHOCK ABSORBER



AIR SPRING



AIR STRUT



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