

**MAGNETI
MARELLI**

PARTS & SERVICES



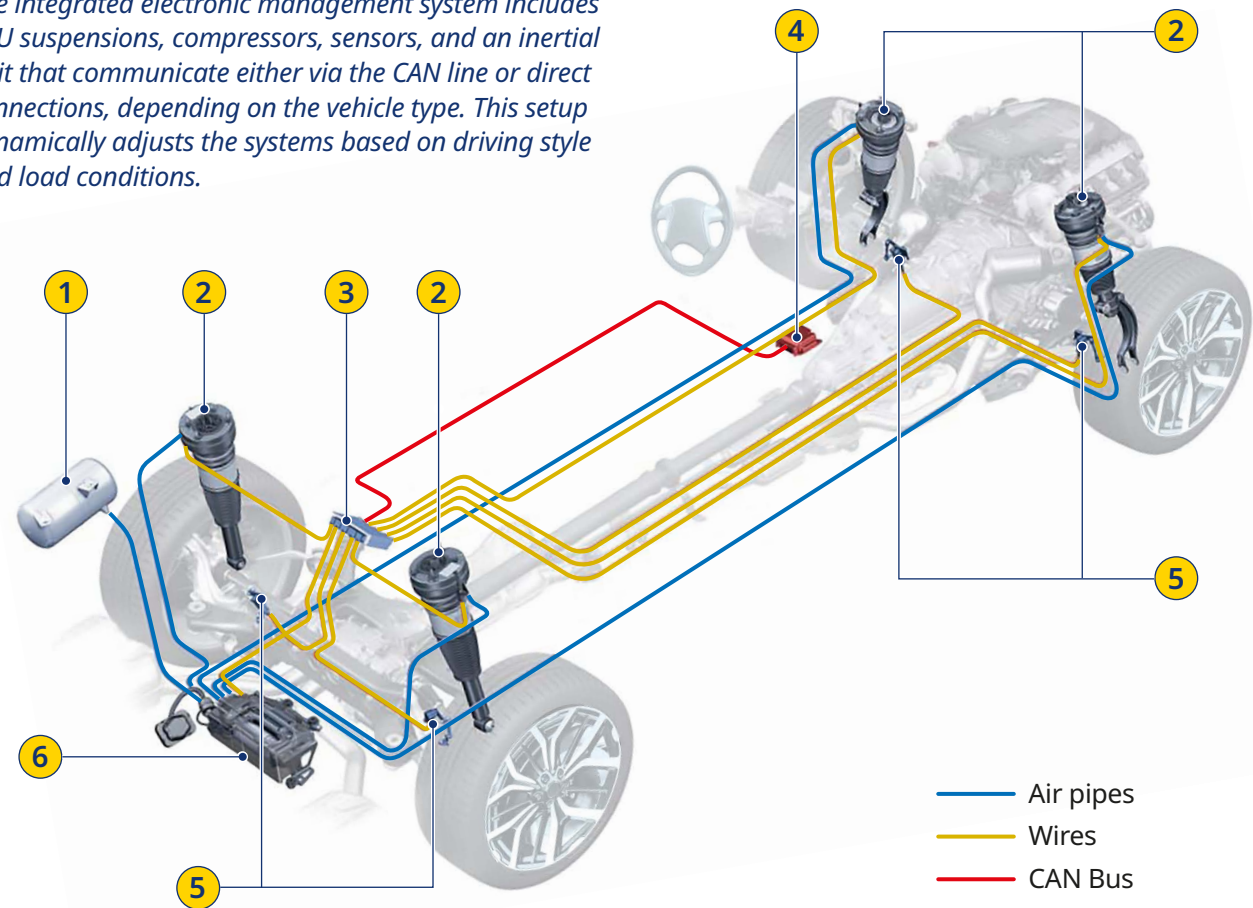
AIR COMPRESSORS

Air Suspension Compressor Range

Magneti Marelli Parts & Services expands its range of air suspension solutions by offering a comprehensive series of compressors meticulously designed to ensure reliability, durability, and high performance.

With a strong foundation of proven experience and recognized product quality, the company offers **54 compressors** capable of meeting the most complex maintenance and repair challenges. These cutting-edge technical solutions combine precision, innovation, and guaranteed consistent performance over time.

The integrated electronic management system includes ECU suspensions, compressors, sensors, and an inertial unit that communicate either via the CAN line or direct connections, depending on the vehicle type. This setup dynamically adjusts the systems based on driving style and load conditions.



The Compressor

AN ESSENTIAL COMPONENT OF AIR SUSPENSION

Air suspension compressors are crucial for the dynamic handling of a vehicle's trim, ensuring precise adjustment of ride geometry.

Its main function is to generate and maintain the pressure required for the air springs to function, working in synergy with an electronic control unit (ECU) that manages their activation based on driving and load conditions.

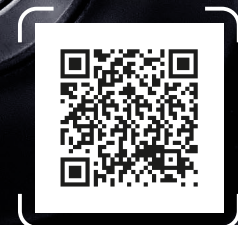
Thanks to an advanced electro-pneumatic management system with integrated thermal monitoring, the compressor optimizes pressure delivery to adapt the vehicle trim to different driving conditions. It also dynamically adjusts the suspension height, while rigidity varies based on air pressure and interaction with other system components.

The use of high-quality materials, such as die-cast aluminium and corrosion-resistant steels, combined with highly efficient electronic components, ensures great resistance to stress. Their solid construction translates into reliability and constant performance, even in the most demanding operating conditions.

- 1 Gasholder
- 2 Air Spring Damper
- 3 Air Suspension Control ECU
- 4 Inertial unit
- 5 Height Sensor
- 6 Air Compressor Unit

- Relay
- Wiring with connector
- Dryer
- Technical data
- Maximum capacity [A]
- Pressure [bar]

- With cable
- With plastic support
- With bracket
- With bracket and valve
- AMK AMK version
- HITACHI Hitachi version



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REFERENCES		VEHICLE APPLICATION					DIMENSIONS [mm]		
LONG	SHORT								
350110001111	C1111	M. B. Classe C W205	•	•	•		228.5×95×155.3	27 A	12 bar
350120001112	C1112	M. B. Classe E W211	•	•	•		265×143×152.7	35 A	15 bar
350130001113	C1113	BMW X5 (E53)	•	•	•	S+V	252.3×96.7×271	24 A	15 bar
350140001114	C1114	BMW X5 (E53)	•	•	•	S+V	252.3×96.7×267.1	24 A	15 bar
350150001115	C1115	M. B. Vito / Mixto	•	•	•		231.8×98.2×158.8	35 A	20 bar
350160001116	C1116	AUDI Q7 4LB	•	•	•	S	322.3×262.9×115	35 A	15 bar
350170001117	C1117	VW Touareg	•	•	•	S	322.3×262.9×115	35 A	15 bar
350180001118	C1118	DISCOVERY III L319	•	•	•	HITACHI	163.3×132.9×229.35	35 A	20 bar
350190001119	C1119	AUDI A6 C6 4F2	•	•	•		268.5×151×147.9	35 A	15 bar
350200001120	C1120	M. B. Classe E W212	•	•	•	S	297.3×134.5×152.7	35 A	18 bar
350210001121	C1121	M. B. Classe M W164	•	•	•		252.4×162.9×140.1	35 A	20 bar
350220001122	C1122	AUDI A8 D4	•	•	•	S	308.7×156.2×91.2	27 A	18 bar
350230001123	C1123	AUDI A6 C7 Avant	•	•	•		227.6×87.6×152.7	27 A	18 bar
350240001124	C1124	BMW X5 F15, F85	•	•	•	S+V	386.5×166.4×125.2	27 A	15 bar
350250001125	C1125	R. R. III L322	•	•	•	AMK S	284.2×279×129.2	35 A	20 bar
350260001126	C1126	PORSCHE Macan 95B	•	•	•		296.2×133.7×83.5	25 A	10 bar
350270001127	C1127	BMW X5 E70	•	•	•	S+V	389.9×177.6×125.6	35 A	20 bar
350280001128	C1128	R. R. Sport II	•	•	•		179.9×231.8×98.2	35 A	20 bar
350290001129	C1129	VOLVO XC90 II 256	•	•	•		253.2×162.2×133.7	25 A	10 bar
350300001130	C1130	BMW 5 Touring F11	•	•	•	S+V	401×152.7×125.6	27 A	18 bar
350310001131	C1131	VW Touareg 7P5, 7P6	•	•	•	S	333.5×248.2×110	25 A	10 bar
350320001132	C1132	M. B. Classe R	•	•	•		252.4×162.9×140.1	35 A	20 bar
350330001133	C1133	M. B. Classe M W166	•	•	•		252.4×162.9×140.1	35 A	20 bar
350340001134	C1134	BMW 5 Touring F11	•	•	•	S+V	401×155.7×125.6	27 A	15 bar
350350001135	C1135	R. R. III L322	•	•	•	HITACHI	163.3×132.9×229.35	35 A	20 bar
350360001136	C1136	BMW 5 Touring E61	•	•	•		330.5×109.3×162.9	35 A	20 bar
350370001137	C1137	AUDI Q7 4MB, 4MG	•	•	•		268.4×132×79	35 A	20 bar
350380001138	C1138	M. B. Classe S W221	•	•	•		252.4×162.9×140.1	35 A	20 bar
350390001139	C1139	JAGUAR XJ X350, X358	•	•	•		230×127.4×168	35 A	15 bar
350400001140	C1140	BMW 5 Touring G31	•	•	•	S+V	301.4×192.4×217.4	27 A	15 bar
350410001141	C1141	M. B. Classe S	•	•	•		258.8×179.9×146.2	35 A	20 bar
350420001142	C1142	PORSCHE Panamera 970	•	•	•	P	241.8×243×137.7	25 A	10 bar
350430001143	C1143	BENTLEY Continental	•	•	•		226.6×148×107	35 A	15 bar
350440001144	C1144	PORSCHE Panamera 971	•	•	•		268.4×137.8×79	35 A	20 bar
350450001145	C1145	BMW 7 G11, G12	•	•	•	S+V	301.4×198.8×217.4	35 A	15 bar
350460001146	C1146	R. R. L405, Sp. L320	•	•	•	AMK	241.8×98.2×183.3	35 A	20 bar
350460001147	C1147	BMW 5, BMW 7	•	•	•	S	223.5×82.8×155	27 A	15 bar
350460001148	C1148	LEXUS GX (J12_)	•	•	•		226.3×138.2×245.5	27 A	9 bar
350460001149	C1149	M. B. CLS, C. E (W212)	•	•	•		227.6×87.6×152.7	35 A	18 bar
350460001150	C1150	PORSCHE Cayenne	•	•	•		107×157×300.2	35 A	15 bar
350460001151	C1151	PORSCHE Cayenne	•	•	•		211.3×83.5×133.7	25 A	10 bar
350460001152	C1152	BMW X5, BMW X6	•	•	•	S	389.9×177.6×125.6	35 A	20 bar
350460001153	C1153	BMW X5, BMW X6	•	•	•	S	386.5×166.4×125.2	27 A	15 bar
350460001154	C1154	BMW 7 G11, G12	•	•	•	S	301.4×198.8×217.4	35 A	15 bar
350460001155	C1155	R. R. IV, Sport I /II	•	•	•	C	252.4×179.9×98	35 A	20 bar
350460001156	C1156	R. R. Velar, DISC. V	•	•	•		248×98×179.9	35 A	20 bar
350460001157	C1157	BMW X5, BMW X6	•	•	•		223.5×82.8×155	27 A	15 bar
350460001158	C1158	BMW X5, BMW X6	•	•	•		232.3×98×162.7	35 A	20 bar
350460001159	C1159	BMW 7 G11, G12	•	•	•		247×126.4×161.5	35 A	15 bar
350460001160	C1160	INFINITI QX56, QX80	•	•	•	S	252.6×166.3×330.5	27 A	12 bar
350460001161	C1161	BMW 5 GT, BMW 7	•	•	•	S	401×155.7×125.6	27 A	15 bar
350460001162	C1162	BMW 5, X5, BMW 7	•	•	•	C	218.1×81.5×173	24 A	15 bar
350460001163	C1163	BMW X5, R. ROVER III	•	•	•	C	219×81.5×173	24 A	15 bar
350460001164	C1164	TESLA Model S	•	•	•	C	290.9×162.2×133.7	25 A	10 bar



Distinctive Technical Features

Each compressor from **Magneti Marelli Parts & Services** is made with selected materials and state-of-the-art processing: from die-cast aluminium for excellent heat dissipation to stainless steel and brass for impeccable resistance. Designed for quiet operation and to minimize vibrations, these components ensure comfort and long-lasting durability.

VERSATILITY: Range of over 50 products designed for a wide variety of vehicles, available in different configurations.

COMPATIBILITY: Designed to ensure full integration with the market's major diagnostic systems.

QUALITY ASSURANCE: All compressors in the range undergo fatigue, resistance, and temperature variation tests.

QUIETNESS AND LOW VIBRATIONS: Designed to reduce noise and vibrations.

OVERHEATING RESISTANCE: Equipped with thermal sensors that protect the compressor and ensure its durability.

RESISTANCE TO EXTERNAL CONTAMINATION: Compatible with the I6PK standard.



Benefits for Professionals

NO COMPROMISE EFFICIENCY AND RELIABILITY

Reliable and long-lasting, **Magneti Marelli Parts & Services** compressors ensure reduced installation times, optimizing job times and minimizing maintenance needs thanks to the quality of materials used in their development.

REDUCED MAINTENANCE TIMES: Compressors are designed for quick installation and contain all components necessary for complete maintenance (valves, brackets).

LONG-TERM DURABILITY: Thanks to the advanced materials and technology used in their design, they require fewer interventions and ensure a longer life.

TECHNICAL SUPPORT: The packaging includes installation instructions to facilitate fitting of the product and its components.

With more than 30 product lines, Magneti Marelli Parts & Services provides complete and reliable solutions to meet every automotive maintenance and repair need, ensuring superior performance and customer satisfaction.



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