
2026
NEW PRODUCT
INTRODUCTIONS
Gabriel
GASLIFT
PRECISION FIT
RELIABLE LIFT
EVERY TIME
NEW PACKAGING
EXPANDED RANGE
CUSTOM APPLICATIONS
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Be safe. Be sure
Gabriel
AUTOMOTIVE

Gabriel GasLift continues to strengthen its automotive offering with the introduction of new vehicle-specific part numbers for 2026. Developed to meet the demands of today's diverse vehicle parc, these latest additions expand coverage across passenger vehicles, SUVs, bakkies and light commercial vehicles, ensuring more applications can be serviced with a precision-engineered Gabriel solution.

Designed for accurate fitment, smooth operation and dependable long-term performance, every Gabriel GasLift is manufactured to deliver the quality, durability and reliability that workshops, distributors and vehicle owners have come to expect from the Gabriel brand.

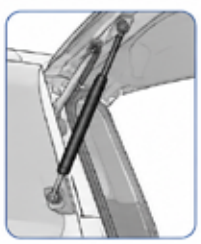
ITEM	MAKE	VEHICLE	POSITION
4224	AUDI	A3 2008 - 2012	REAR
4226	AUDI	A3 2013 - 2020	BONNET
4228	AUDI	A4 2008 - 2016	REAR
4229	AUDI	A4 2008 - 2016	FRONT
4230	AUDI	Q5 2008 - 2017	BONNET
4549	AUDI	Q5 2009 - 2012	REAR
4231	BMW	1 SERIES E87 / E81 2004 - 2011	BONNET
4232	BMW	1 SERIES E87 / E81 2005 - 2011	REAR
4233	BMW	1 SERIES F20 2011 - Onwards	BONNET
4234	BMW	1 SERIES F20 2011 - Onwards	REAR
4235	BMW	3 SERIES F30 2013 - 2018	REAR
4237	BMW	318i E46 M43B19 1999 - 2006	REAR
4238	BMW	320D E90 M47D20 2005 - 2012	REAR
4239	BMW	X3 F25 2011 - 2017	BONNET
4240	BMW	X3 F25 2011 - 2017	REAR
4241	CHEVROLET	AVEO 2003 - 2011	REAR
4242	CHEVROLET	CAPTIVA 2.0D Z20	REAR
4243	FORD	ECOSPORT 2013 - Onwards	REAR
4339	FORD	FOCUS II 1.6 Si DURATEC Hatch	REAR
4430	FORD	FIESTA(3) 1.4i DURATEC	REAR
4550	FORD	KUGA II 2014 - L-743mm pair 4551	REAR
4551	FORD	KUGA II 2014 - L-759mm pair 4550	REAR

ITEM	MAKE	VEHICLE	POSITION
4552	HONDA	JAZZ II 2003 - 2007 GEN 1	REAR
4553	HONDA	JAZZ III 2011 - 2014 GEN2	REAR
4245	HYUNDAI	i10 1.1 G4HG 2008 - 2018	REAR
4246	HYUNDAI	i20 1.2 16V G4LAGEN 1	REAR
4247	HYUNDAI	i30 1.6 16V G4FCGEN-1 2009 - 2012	REAR
4429	HYUNDAI	IX35 1.7 CRDi D4FD	REAR
4554	HYUNDAI	H1 2.4 MPI 16V G4KC	REAR
4373	KIA	PICANTO I 2004 - 2011	REAR
4397	KIA	RIO III 1.2 CVVT G4LA	REAR
4398	KIA	SORENTO 2.5 CDRi 103KW D4CB	REAR
4399	KIA	SPORTAGE III 2010 - Onwards	REAR
4400	LANDROVER	DISCOVERY(3) 2.7 276DT V6	REAR
4329	MERCEDES	A160 W168 M166-960	REAR
4401	MERCEDES	A CLASS W169 2005 - 2013	REAR
4402	MERCEDES	C CLASS W204 2007 - 2015	BONNET
4403	MERCEDES	C CLASS W204 2007 - 2015	REAR
4404	MERCEDES	C CLASS W205 2013 - Onwards	BONNET
4405	MINI	COOPER 1.6 85KW W10B16A	REAR
4364	NISSAN	MICRA 2011 - GEN-4	REAR
4407	NISSAN	JUKE 2011 - Onwards	REAR
4408	NISSAN	QASHQAI II 2014 - Onwards	REAR
4409	NISSAN	X-TRAIL 2 16V QR20DE	REAR
4308	OPEL	CORSA 1.4i HATCH C C14SE	REAR
4410	OPEL	ASTRA “H” 2005 - 2009	REAR
4412	OPEL	ASTRA “H” 2005 - 2009	REAR
4298	RENAULT	CLIO 1.4RT E7J (8V)II 1999 - 2012	REAR
4368	RENAULT	CLIO III 1.4 K4J780	REAR
4413	RENAULT	CLIO IV 2013 - Onwards	REAR
4414	RENAULT	MEGANE HATCH 1.6	REAR
4415	RENAULT	MEGANE II 1.5 DCi K9K722	REAR
4416	RENAULT	MEGANE SCENIC 1.6 RT	REAR
4417	RENAULT	SANDERO II 2014 - Onwards	BONNET

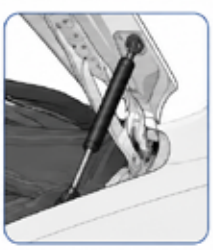
ITEM	MAKE	VEHICLE	POSITION
4418	RENAULT	SANDERO II 2014 - Onwards	REAR
4555	RENAULT	KANGOO 1.4 E7J (8V)	REAR
4419	SUZUKI	ALTO 1 3Cyl K10B 12V	REAR
4350	TOYOTA	YARIS 1 12V (P90) 1KR-FEGEN-2	REAR
4351	TOYOTA	YARIS 1 12V (P130) 1KR-FEGEN-3	REAR
4369	TOYOTA	AURIS/AURISX 2007 - 2015	REAR
4420	TOYOTA	RUN-X	REAR
4421	TOYOTA	FORTUNER 2005 - 2016	REAR
4082	VOLKSWAGEN	GOLF 3 1600 GS ACG 1992 - 1999	REAR
4312	VOLKSWAGEN	GOLF 5 2004 - 2008	BONNET
4313	VOLKSWAGEN	GOLF 5 1.6 BGU,BSF	REAR
4314	VOLKSWAGEN	GOLF 4 1.6i AKL	REAR
4338	VOLKSWAGEN	POLO HATCH, CROSS, VIVO 2002-2018 mk4 9N3	REAR
4396	VOLKSWAGEN	POLO HATCH, VIVO, CROSS, MK5 6R	REAR
4422	VOLKSWAGEN	AMAROK 2010 - 2016	REAR
4423	VOLKSWAGEN	GOLF 6 2009 - 2013	BONNET
4424	VOLKSWAGEN	GOLF 7 2013 - Onwards	BONNET
4425	VOLKSWAGEN	GOLF 7 2013 - Onwards	REAR
4427	VOLKSWAGEN	JETTA 6 2011 - Onwards	REAR
4501	VOLKSWAGEN	JETTA 5 1.4 TSi (90KW) CAXA	REAR
4556	VOLKSWAGEN	CADDY 1.6i BGU gen 3 Incl facelift	REAR
4557	VOLKSWAGEN	GOLF 6 1.4 TSi COMFORT CAXA,CAVD	REAR
4558	VOLKSWAGEN	TIGUAN GEN-1 2008 - 2016	REAR

GASLIFT APPLICATIONS - VEHICLES

BOOT (TAILGATE) APPLICATIONS



BONNET (HOOD) APPLICATIONS



Gaslift provides controlled lifting, ease of use and safety across a wide range of vehicles

Beyond vehicle-specific applications, the Gabriel GasLift Custom Range offers flexible solutions for canopies, industrial equipment and specialised lifting requirements.

Designed for reliable performance and durability, these precision-engineered GasLifts provide the ideal solution where standard applications don't apply.

Discover the Gabriel difference with custom GasLift solutions engineered to deliver precision fit and reliable lift, every time.

4000 SERIES WITH 6mm END THREADS | INDUSTRIAL STANDARD SIZES

ITEM	DESCRIPTION	THREAD (mm)	STROKE (mm)	EXT (mm)	COLL (mm)
4041	Universal 4000 Series 6mm Thread (50N)	6	107	250	143
4042	Universal 4000 Series 6mm Thread (50N)	6	132	300	168
4043	Universal 4000 Series 6mm Thread (50N)	6	157	350	193
4044	Universal 4000 Series 6mm Thread (50N)	6	182	400	218
4047	Universal 4000 Series 6mm Thread (50N)	6	257	550	293
4048	Universal 4000 Series 6mm Thread (50N)	6	282	600	318
4049	Universal 4000 Series 6mm Thread (50N)	6	307	650	343
4050	Universal 4000 Series 6mm Thread (50N)	6	332	700	368

4100 SERIES WITH 8mm END THREADS | INDUSTRIAL STANDARD SIZES

ITEM	DESCRIPTION	THREAD (mm)	STROKE (mm)	EXT (mm)	COLL (mm)
4140	Universal 4100 Series 8mm Thread (50N)	8	157	350	193
4141	Universal 4100 Series 8mm Thread (50N)	8	182	400	218
4142	Universal 4100 Series 8mm Thread (50N)	8	207	450	243

ITEM	DESCRIPTION	THREAD (mm)	STROKE (mm)	EXT (mm)	COLL (mm)
4143	Universal 4100 Series 8mm Thread (50N)	8	232	500	268
4144	Universal 4100 Series 8mm Thread (50N)	8	257	550	293
4145	Universal 4100 Series 8mm Thread (50N)	8	282	600	318
4146	Universal 4100 Series 8mm Thread (50N)	8	307	650	343
4147	Universal 4100 Series 8mm Thread (50N)	8	332	700	368
4148	Universal 4100 Series 8mm Thread (50N)	8	357	750	393
4149	Universal 4100 Series 8mm Thread (50N)	8	382	800	418
4150	Universal 4100 Series 8mm Thread (50N)	8	407	850	443
4152	Universal 4100 Series 8mm Thread (50N)	8	457	950	493
4153	Universal 4100 Series 8mm Thread (50N)	8	482	1000	518
4164	Universal 4100 Series 8mm Thread (50N)	8	86	209	123
4294	Universal Canopies (250N)	8	204	488	284
4296	Universal Canopies (300N)	8	204	488	284
4297	Universal Canopies (350N)	8	157	388	231

CALCULATING GASFORCE (F1)

REQUIRED TO HOLD THE LID IN THE OPEN POSITION

Refer to diagram:

F1 Force exerted by Gaslift in fully open position

P Pivot Point

A Horizontal Distance from “CG” to Pivot Point “P”

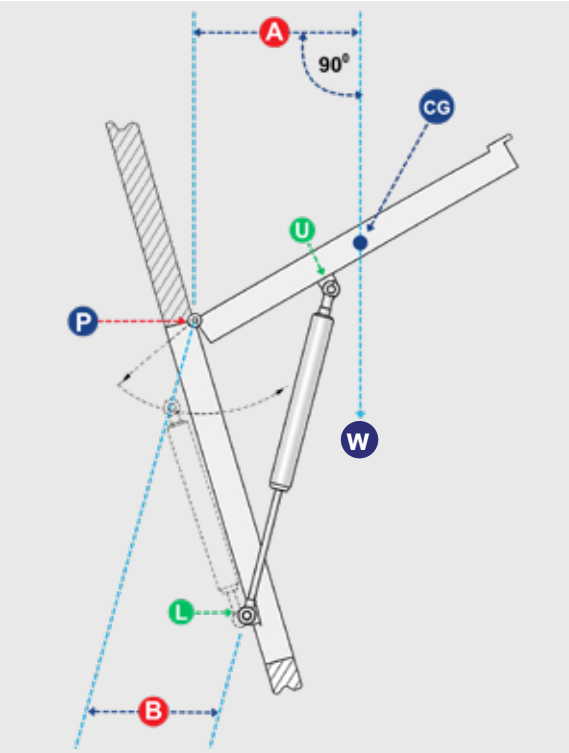
U Upper Mounting Point

W Weight / Mass of Lid

CG Centre of Gravity

B Perpendicular Distance from axis “U-L” to Pivot “P”

L Lower Mounting Point



If the position of the “CG” of the Lid is not known then a spring balance or similar can be used to measure the force required to hold the door open. If the force is measured at the upper mounting point “U” this force plus 10-15% safety factor is the F1 required. If the force Is measured at any other point, use the perpendicular distance from the Pivot Point “P” to the attachment point of the spring balance as “A” and the spring balance reading as “W” in the formula.

FORMULA

$$F1 = \frac{W \times A}{B} + \textit{10-15\% Safety Factor}$$

NOTE: By changing the Gaslift axis “U-L” the lid can be made to open automatically once the catch is released or stay closed so that no catch is required. The calculated force is only enough to balance the mass - add more to keep the flap firmly In place. Work to the low side of the calculated pressure at first because additional gas can be added but pressure cannot be reduced.

THESE GASLIFTS ARE SUPPLIED IN LOW PRESSURE - 50 Newtons (N) AND NEED TO BE PRESSURISED TO THE REQUIRED GAS FORCE (F1)

The Gaslift consists of a cylinder, piston and rod assembly able to extend and contract telescopically. The cylinder is filled with nitrogen gas at a very high pressure. It is this gas pressure which creates the lifting ability of the Gaslift and the force exerted is proportional to the gas pressure. A measured quantity of oil inside the Gaslift lubricates the piston assembly and provides damping at the end of the extension movement. The damping imparts a more gentle action to the object being moved. Therefore the Gaslift should always be mounted wtth the rod in a downward position, when the door is fully opened

HOW GASLIFTS WORK