



ALCOA
WHEELS



Accessory & Maintenance products for Alcoa® wheels

Alcoa® Wheels¹ is a product brand of Howmet Aerospace

Why accessories for Alcoa® wheels

- Maintaining your Alcoa® wheels is and should be a top priority.
- Accessory Products for Alcoa® wheels have been developed and selected over many years to maintain the wheels in the best possible condition and ensure a long service life.
- All parts and accessories are available through an extensive network of authorised Alcoa® wheels distributors.
- For more information visit www.alcoawheelseurope.com and proceed to the "Where to buy" page.



Cleaning

- Dura-Bright® Wheel Wash
- ALclean
- ALbrush2
- ALpolish
- ALkit3
- Dura-Bright® Wheel Wash Starter Kit

Appearance

- ALcovers
- ALgrip

Valves

- Regular valve
- TPMS valves

Wheel nuts

Maintenance

- VALVEgrease
- HUBgrease
- Discmates
- Bristle Discs
- Rim Flange Wear Gauge



Cleaning

Dura-Bright® Wheel Wash for Dura-Bright® finish

A cleaning solution explicitly developed for the Dura-Bright® finish. Tested and approved by the producer of Alcoa® wheels. Suitable for weekly use on both Dura-Bright XBR® and EVO technology.

Dura-Bright® Wheel Wash was especially designed to provide the assurance to customers that they are cleaning their wheels with a safe cleaning solution while providing additional benefits.

- Helps to prevent the build-up of brake dust and discolouring
- No risk of damaging wheels with harsh cleaners or chemicals
- Ready to use, no need to dilute
- Not classified as dangerous good
- Available in 1L bottle, 5L and 25L can and in a bundle as Dura-Bright® Wheel Wash Starter Kit



Before cleaning



After cleaning



ALclean for Brushed, Polished, LvL ONE® finish

A cleaning solution especially developed for Alcoa® wheels with Brushed, Mirror Polished or LvL ONE® finishes. Removes disc brake dust, oxidation, road grime and maintains the shine of the wheel. For the best results, use ALclean before polishing Mirror Polished and LvL ONE® Alcoa® wheels. Use ALpolish after cleaning with ALclean. Available in 1L bottle, 5L and 25L can and in a bundle as ALkit3.

Note: ALclean can also be used on limited occasions and time per year on Dura-Bright® treated wheels when there is a heavy build-up of brake dust.

IMPORTANT: See Service manual for Alcoa® wheels
Additional care and tips in Section 14

PART NUMBER	CONTENT
GAXALC1	1 L bottle
GAXALC5	5 L can
GAXALC25	25 L can
GAXALKIT3	1 L bottle + ALbrush2 + 1 bottle ALpolish

ALbrush2

The 2nd generation of a premium quality brush with a rubber edge to protect wheels from getting damaged during cleaning. Comes with an improved ergonomic grip. Unlike standard brushes, the ALbrush2 contains a high amount of selected fibres that are plucked. Therefore these soft fibres ensure the best cleaning results and reduce scratching when getting in contact with aluminium wheels.



- Rubber edge to avoid damage of the wheel
- Good absorption of washing liquids
- The long fibres and density of fibres provide a long lifetime compared to normal brushes

PART NUMBER	CONTENT
GAXALB002	1 brush

ALpolish

Polishing paste to restore and maintain the shine of Mirror Polished and LvL ONE® Alcoa® wheels.

For the best results, use ALpolish after cleaning with ALclean.

PART NUMBER	CONTENT
GAXALP250	250g bottle

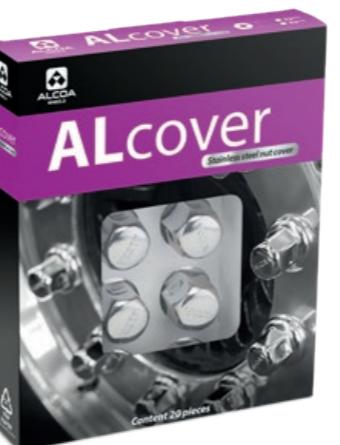
Note: Not for use on Dura-Bright® surface treated wheels.



ALkit3

A complete kit for cleaning Mirror Polished and LvL ONE® Alcoa® wheels. Includes a 1 L bottle of ALclean, ALpolish, and ALbrush2.

PART NUMBER	CONTENT
GAXALKIT3	1L ALclean, 1 ALbrush2, 1 ALpolish



Appearance

Stainless steel ALcovers

High quality stainless steel nut covers with an embossed Alcoa® wheels logo. Available for wheel nuts with 32 mm and 33 mm hex.

- When mounted on sleeved nuts provided by Howmet Wheel Systems* it will not contact the wheel
- Inner clearance of the cover is 41mm

Available in a box of 20 covers.

PART NUMBER	HEX WIDTH
GAXALCOVSS32	32 mm
GAXALCOVSS33	33 mm



Extra HIGH stainless steel ALcover+

High quality extra high stainless steel nut covers with an embossed ALCOA® logo. IDEAL for vehicles with longer studs.

- When mounted on sleeved nuts provided by Howmet Wheel Systems* it will not contact the wheel
- Inner clearance of the cover is 49 mm

Available in a box of 20 covers.

PART NUMBER	HEX WIDTH
GAXALCOVSS32H	32 mm
GAXALCOVSS33H	33 mm

www.alcoawheels.com/europe/en/appearance



ALgrip

A handy tool for applying and removing stainless steel nut covers.

PART NUMBER	CONTENT
GAXALGRIP	1 ALgrip



Chrome plated ABS ALcover+

High quality chrome-plated ABS covers with an embossed Alcoa® wheels logo. Universal: for 32 and 33 mm hex nuts.

- Designed with a patented system ensuring easy mounting and demounting
- Supplied with a removal tool which can be used to remove the covers when a wheel trim or hub cover is fitted
- Inner clearance of the cover is 36 mm

Available in a box of 20 covers and 1 extraction tool.

PART NUMBER	CONTENT
GAXALCOVCP+	20 covers + extraction tool



Valves

All Alcoa® wheels are mounted with nickel plated valves. The nickel plating and special black T-shape grommet reduce (galvanic) corrosion.

- It is recommended to change valves every time tyres are changed.
- Use VALVEgrease to lubricate the valve and valve hole area in order to prevent corrosion around the valve hole which can lead to air loss.
- For dual mounted wheels 150 mm extension valves are available.

Note: do not use HUBgrease on valves. More information about replacing valves can be found in the Service Manual for Alcoa® wheels, section 5 and 6.



PART NUMBER	ADDITIONAL INFORMATION	
GAX40MS00N	Straight, length 40 mm	nickel plated
GAX54MS00N	Straight, length 54 mm	nickel plated
GAX60MS00N	Straight, length 60 mm	nickel plated
GAX70MS07N2	Angle 7°	nickel plated
GAX70MS27N	Angle 27°	nickel plated
GAX70MS45N	Angle 45°	nickel plated
GAX70MS60N	Angle 60°	nickel plated
GAX83MS00N	Straight, length 83 mm	nickel plated
GAX85	Valve extension length 20 mm	nickel plated
GAX09070	Valve extension, overall length 70 mm, nett extension: 54 mm	POM, with dust cap
GAX09150	Valve extension overall length 150 mm, nett extension: 133 mm	POM, with dust cap



GAX70MS60N, GAX70MS45N, GAX70MS27N, GAX70MS07N2, GAX83MS00N, GAX09150, GAX09070 and GAX85.

TPMS valves

Nickel plated TPMS compatible valves for Alcoa® wheels.

For tyre pressure monitoring system hosting Sensata TPMS sensor Generation 1 and/or Generation 2.

1. Valve TPMS40
2. Valve TPMS54
3. Valve TPMS70



Fitting screws for Sensata TPMS sensors:

4. Fitting screw compatible with Sensata Generation1 TPMS sensor
5. Fitting screw compatible with Sensata Generation2 TPMS sensor



For identifying correct type of TPMS valve for Alcoa® wheels and correct screw for Sensata sensor visit

www.alcoawheels.com/europe/en/tpms-valve-finder



Wheel nuts

Wheel nuts are a vital part of securing the wheel to the hub. Alcoa® branded nuts have unique design features and benefits over alternatives:

- The manufacturer of the Alcoa® branded nuts supplies the majority of vehicle OEM in Europe
- The washer design and material specification are optimized and offer the required retention and clamping force
- The washer to nut contact surfaces are designed and manufactured to reduce friction to a minimum and lubricated to optimize the torque to obtain the correct clamping force
- The Geomet® coating helps to prevent corrosion
- The reduced sleeve length of M22 and 7/8" sleeved nuts prevent damage caused by torquing long sleeved nuts to the inner wheels at dual fitment
- The higher hex helps prevent torquing wrenches slipping which can possibly causing injuries to operators and damage to wheels
- Sleeved nuts are designed to host the Alcoa® wheels inserts (not available for M18)
- The Alcoa® branded sleeved nuts do not contain led and are therefore more ecologically friendly

See Service Manual for Alcoa® wheels for more information on mounting, torque, lubrication and thread engagement.



PART NUMBER	ADDITIONAL INFORMATION	
GAXTPMS40-N	Valve TPMS40, straight, 40mm	nickel plated
GAXTPMS54-N	Valve TPMS54, straight, 54mm	nickel plated
GAXTPMS70-N	Valve TPMS70, angle 7°, 70mm	nickel plated
GAXGEN1SCREW	Fitting screw for GEN1 Sensata TPMS sensor	nickel plated
GAXGEN2SCREW	Fitting screw for GEN2 Sensata TPMS sensor	nickel plated

PART NUMBER	ADDITIONAL INFORMATION	BOLT HOLE DIAMETER	HEX WIDTH
GAX542026G	M18 x 1.5 - short	26 mm	27 mm
GAX542126G	M18 x 1.5 - long	26 mm	27 mm
GAX614230G	M20 x 1.5 - short	30 mm	30 mm
GAX614330G	M20 x 1.5 - long	30 mm	30 mm
GAX687632G	M22 x 1.5 - short (all, Volvo 2005>)	32 mm	32 mm
GAX687732G	M22 x 1.5 - long (all, Volvo 2005>)	32 mm	32 mm
GAX687832G	Volvo short 7/8" - 14 UNF (Volvo >2004)	32 mm	33 mm
GAX687932G	Volvo long 7/8" - 14 UNF (Volvo >2004)	32 mm	33 mm
GAX688032G	Scania short 7/8" - 11 BSF	32 mm	33 mm
GAX688132G	Scania long 7/8" - 11 BSF	32 mm	33 mm
GAXINSM20AW	Insert for sleeved nuts, M20	-	-
GAXINSM22AW	Insert for sleeved nuts, M22 and 7/8"	-	-

Maintenance

VALVEgrease

A dedicated grease that acts as a corrosion inhibitor when mounting or replacing valves.

The grease has no adverse effects on the grommet of the valve and helps to prevent air leakage over time.

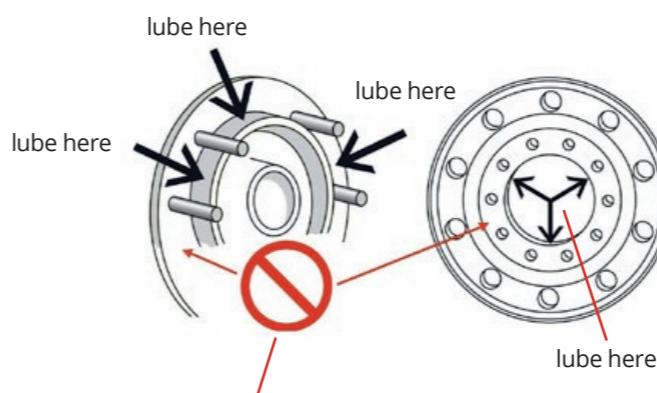
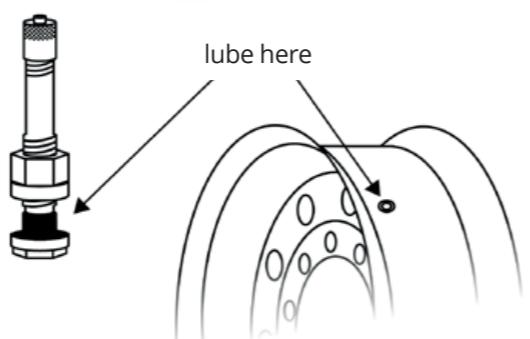
VALVEgrease is also used in our manufacturing facility for lubrication of the valves and valve hole area.

- Helps to prevent corrosion in the valve hole area
- Tested on valves mounted on Alcoa® wheels
- Easy to apply
- Water resistant
- For valves only, not to be used for mounting tyres or when mounting wheels to hubs (see HUBgrease)
- 1 kg container

PART NUMBER	CONTENT
GAXVALVEGR001	1 kg container

It is recommended to fit a new valve every time a new tyre is mounted to avoid a build-up of corrosion and risk of air loss in the valve hole area. See the Service Manual for Alcoa® wheels for more information on cleaning the valve hole area, replacing valves and valve torque (5.e.iv.).

Note: not to be used for mounting tyres or wheels to hubs.



Do NOT lubricate the face of the hub, wheel face or brake drum.

Rim Flange Wear Gauge

Rim flange wear is a normal occurrence, it occurs on steel and aluminium wheels and accelerates when overloading or operating underinflated tyres. This wear may create a sharp edge on the rim flange which requires maintenance. Check each and entire rim flange height with the Rim Flange Wear Gauge for Alcoa® wheels. For more information consult the Service Manual for Alcoa® wheels, section 13.g and the Alcoa® wheels rim flange wear maintenance leaflet.

PART NUMBER	CONTENT
GAXGAUGE001	1 piece



HUBgrease

A dedicated grease for use when mounting Alcoa® wheels to the hub. The grease helps to prevent corrosion and does not mark the surface of the wheel.

When wheels are in service, dirt and other foreign matter collects at the contact area of the wheel's hub bore and pilot tabs of the hub. With the addition of water and road-salt, corrosion around the hub bore of the wheel may occur. This may lead to wheels getting stuck to the hubs, making it extremely difficult to remove them from the hub. Apply HUBgrease to the pilot tabs or hub bore when installing wheels.

Note: not for use on valves or tyre mounting.

- Reduces corrosion between the hub bore and the pilot tabs
- Heat resistant up to 150°C
- Easy to apply
- Does not mark the surface of the wheel
- Water resistant
- Comes in 1 kg container

PART NUMBER	CONTENT
GAXHUBGR001	1 kg container

More information can be found in the Service Manual for Alcoa® wheels, section 10: Wheel installation, step 4.

Discmates

A nylon gasket that helps to prevent corrosion build up. Makes maintenance easier and reduces surface damage of mounting faces.

Apply Discmates between:

- steel and aluminium wheels
- hub and aluminium wheels and
- twinned aluminium wheels.

Fitting Discmates between twinned Dura-Bright® wheels will also help reducing the surface damage between the mounting faces.

PART NUMBER
GAXDIS013000

Bristle Discs

Bristle Discs are a key maintenance product to help keep your Alcoa® wheels in the best possible condition. They are ideal for cleaning mating faces, bead seats, pilot tabs or centering edges of the hub.

Bristle Discs are also suitable for removing corrosion, oxidation and dirt and can be used on most right angle tools. The pad is a removable disc holder for quick change or replacement. Comes with an adaptor to mount the pad on a variety of power tools.

Available in soft, medium and hard discs and in 2 diameters (\varnothing 25 mm and \varnothing 50 mm).

White: Soft, for treating aluminium parts

Yellow: Medium, to remove oxidation

Green: Hard, to remove rust

25mm \varnothing disc

- To remove rust and oxidation from pilot tabs, centering edges and smaller parts.

50mm \varnothing disc

- To clean mating faces of the wheel and hub and larger areas.

More information can be found in the Service Manual for Alcoa® wheels, section 10.



PART NUMBER	ADDITIONAL INFORMATION	
GAX3MPAD25	Pad \varnothing 25 mm	
GAX3MDISC25050	Bristle Disc \varnothing 25 mm	P050 green - Hard
GAX3MDISC25080	Bristle Disc \varnothing 25 mm	P080 yellow - Medium
GAX3MPAD50	Pad \varnothing 50 mm	
GAX3MDISC50080	Bristle Disc \varnothing 50 mm	P080 yellow - Medium
GAX3MDISC50120	Bristle Disc \varnothing 50 mm	P120 white - Soft
GAX3MSHANK6	Tap shank 6mm	





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HOWMET WHEEL SYSTEMS

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