



ALCOA

ACCESSORY PRODUCTS



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.



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SECTION 1 - 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 kit through distributors: 1L + ALbrush2



PART NUMBER	CONTENT
GAXDBWW1	1 L bottle
GAXDBWW5	5 L can
GAXDBWW25	25 L can



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 oxidation and maintains the shine of the wheel. Removes disc brake dust and road grime. For the best results, use ALclean before polishing Mirror Polished and LvL ONE® Alcoa® Wheels. Use ALpolish after cleaning with ALclean. ALclean is available in 1L bottle and 5L and 25L cans.

Note: ALclean can also be used up to twice a 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
GAXALC001	1 L bottle
GAXALC005	5 L can
GAXALC25	25 L can

ALbrush2

A premium quality brush with a rubber edge that acts as a bumper and helps 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 better result 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. Available with manual in several languages.

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



SECTION 2 - APPEARANCE



Stainless steel ALcovers

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

- The updated design does not contact with the wheel to avoid damage on Dura-Bright® surface treated wheels, as well as to help reducing corrosion on Brushed, Mirror Polished and LvL ONE® surfaces.
- Inner clearance of the cover is 41mm



Available in a box of 20 covers.

PART NUMBER	HEX WIDTH
GAXALCOVSS32	32 mm
GAXALCOVSS33	33 mm

ALgrip

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

PART NUMBER	CONTENT
GAXALGRIP	1 ALgrip



Chromed plated ABS ALcover

High quality chrome-plated ABS covers with an embossed Alcoa® Wheels logo. Universal: for both 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

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



PART NUMBER	CONTENT
GAXALCOVCP20	20 covers + extraction tool

SECTION 3 - VALVES

All Alcoa® Wheels are mounted with nickel plated valves, except for 22.5 x 17.00. The nickel coating and special black T-shape grommet reduce (galvanic) corrosion. The valves' slotted and hexagonal base enables an easy replacement with the use of a screwdriver or wrench. It is recommended to change valves every time tyres are changed.

Use Alcoa® Wheels VALVEgrease to lubricate the valve and valve hole area in order to prevent corrosion around the valve hole which can lead to air loss.

There is also a 150 mm POM plastic extension valve which enables tyre pressure checks of the inner tyre of a dual fitment.



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 70mm, nett extension: 54 mm	plastic, with dust cap
GAX09150	Valve extension overall length 150mm, nett extension: 133 mm	plastic, with dust cap

SECTION 4 - WHEEL NUTS

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

- The washer design improves retention and clamping force
- The washer to nut contact surface is designed and manufactured to reduce friction to a minimum
- Washer to nut contact comes lubricated
- The Geomet® coating helps to prevent corrosion
- The M22 and 7/8" sleeve length prevents damage when torquing wheels of a dual fitment
- The higher hex prevents slipping of torquing wrenches that can possibly cause injuries to operators and damage to wheels
- The nut is designed for proper seating of the inserts
- The Alcoa® Wheels inserts can be ordered separately

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



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 (Volvo 2005>)	32 mm	32 mm
GAX687732G	M22 x 1.5 - long (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
GAXINSM20	Insert for sleeved nuts, M20	-	-
GAXINSM22	Insert for sleeved nuts, M22 and 7/8"	-	-

SECTION 5 - MAINTENANCE

VALVEgrease

A dedicated lithium based 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.

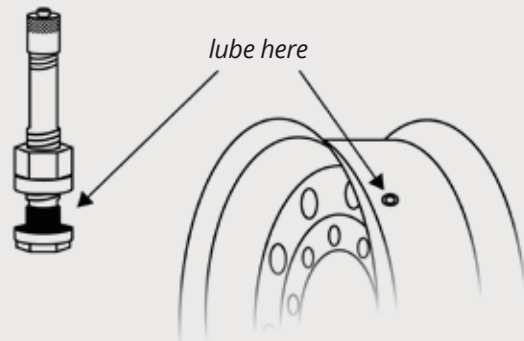
VALVE grease is also used in our manufacturing facility for lubrication of the valves and valve hole area.

- 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 wheels to hubs
- 1 kg container



PART NUMBER	CONTENT
GAXVALVEGR001	1 kg container

It is highly 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.

Rim Flange Wear Gauge

Rim flange wear is a normal occurrence, it occurs on steel and aluminium wheels mostly because of overloading and underinflation. In these cases a sharp edge is created 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 mineral oil based 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 wheel and 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.

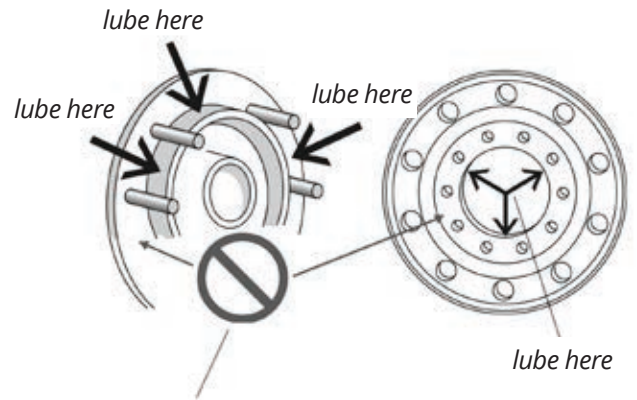
Note: not for use on valves or tyre fitting.

HUBgrease:

- Prevents (galvanic) corrosion between the hub bore and the pilot tabs
- Is heat resistant up to 150°C
- Is easy to apply
- Does not mark the surface of the wheel
- Is 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.



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

Discmates

A nylon gasket that helps to prevent corrosion build up between steel and aluminium wheels and between the steel hub and aluminium wheels, therefore it reduces the need of maintenance. It can also be used to help protecting the wheel's mounting surface from cosmetic damage.

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

Available for wheels with 10 bolt holes, 335 mm bolt circle diameter, M22 or 7/8" studs.



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 (Ø 25 mm and Ø 50 mm).

White: Soft, for treating aluminium parts and services

Yellow: Medium, to remove oxidation

Green: Hard, to remove rust

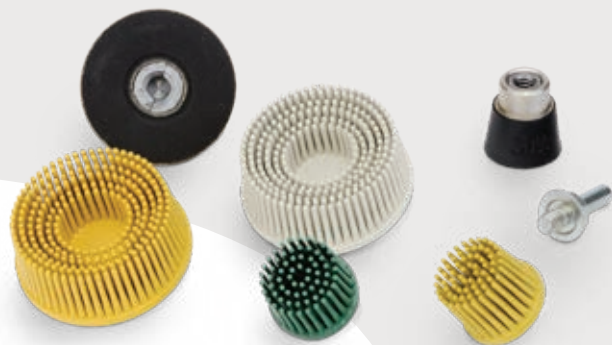
25mm Ø disc

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

50mm Ø 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	
GAX3MDISC25050	Bristle Disc Ø 25 mm	P050 green - Hard
GAX3MDISC25080	Bristle Disc Ø 25 mm	P080 yellow - Medium
GAX3MPAD25	Pads Ø 25 mm	
GAX3MDISC50080	Bristle Disc Ø 50 mm	P080 yellow - Medium
GAX3MDISC50120	Bristle Disc Ø 50 mm	P120 white - Soft
GAX3MPAD50	Pads Ø 50 mm	
GAX3MSHANK6	Tap shank 6 mm	



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HOWMET WHEEL SYSTEMS

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