

Cleaning and Maintenance Care for Alcoa Polished Clearcoat, Chrome and Dura-Bright® Technology Aluminum Wheels

1. Clean frequently with water from a hose. The use of a mild detergent will speed the cleaning process. Do not clean with abrasive brushes, steel wool, scouring pads or strong chemicals, such as acids or lye-based products. Never spray cold water on extremely hot wheels. Always allow time to cool before cleaning.
2. When tires are removed, the entire rim must be cleaned and inspected. With a brush, remove any foreign products from the tire side of the rim (portion of the wheel that supports the tire). Do not use any abrasive brush to remove dirt, corrosion or other foreign products from the polished clearcoat, chrome or Dura-Bright® technology wheel surfaces. Generously coat the entire air chamber surface with an approved surface protectant and lubricate each time the tire is removed.
3. Lubricate the rim and tire bead immediately before mounting the tire. Do not use any lubricant which contains water. Water-based lubricants can promote corrosion attack on the rim surface. The use of non-water-based lubricants is especially important when mounting tubeless tires as the air in the tire is contained by the seal between the bead and rim.
4. To maintain the original appearance of your polished clearcoat, chrome or Dura-Bright® technology wheels, the following procedures are recommended:
 - a. After installing new wheels and prior to operating your vehicle, use a sponge or cloth to wash exposed wheels surfaces with a mild detergent and warm water. Do not use abrasives, abrasive brushes, steel wool, scouring pads or strong chemicals (such as acids or lye-based products). Standard off-the-shelf car wash and wheel detergents are sufficient. Warm water and a mild detergent will speed the cleaning process.
 - b. Rinse thoroughly with clean water.
 - c. Wipe dry to avoid water spots.
 - d. Clean your polished clearcoat, chrome or Dura-Bright® technology wheels using the above procedures as frequently as required to maintain their maintenance. Typical road soils, grime and brake dust trap moisture, which can cause corrosion over a period of time. These must be removed regularly. To assist in the removal of excessive dust, dirt and road grime, the use of warm water with a mild detergent is recommended. The surface of Alcoa wheels will be damaged, discolored or removed if abrasives, abrasive brushes, steel wool, scouring pads or strong chemicals (such as acids or lye-based products) are used to clean the wheel. **DO NOT USE the Alcoa Aluminum Care System on polished clearcoat, chrome or Dura-Bright® technology wheels at any time during their service life.**

WARNING - Excessive heat from fire, brake malfunction, wheel bearing failure or other sources may weaken metal and cause the wheel/tire assembly to separate explosively. Exploding wheel/tire assembly can cause death or serious injury. Immediately and permanently remove from service any wheel that has been exposed to excessive heat.

WARNING— Welding or brazing the rim flange or any area of an Alcoa aluminum wheel will weaken the wheel. Weakened or damaged wheels can lead to an explosive separation of tires and wheels or wheel failure on the vehicle. Explosive separations of tires and wheels or wheel failure on the vehicle could cause injuries or death.

WARNING – Use of chrome-plated cap nuts which have chrome plating on the surfaces which contact the wheel can cause reduced and inconsistent wheel clamping. This condition can cause wheels to loosen and disengage from the vehicle, causing injury or death. Never use cap nuts with chrome-plated contact surfaces. Use only recommended hardware on Alcoa aluminum wheels.

Notes

Do not exceed maximum wheel load. Customer must compare OEM vehicle load rating to maximum wheel load rating. Refer to tire manufacturer's recommendation for proper tire pressure. Before mounting the tire, perform a wheel fitment check to ensure proper clearance from any obstructions. Do not mount clip-on weights to the front of the wheel. We advise against the use of clip-on weights. Corrosion caused by clip-on weights is not covered by the warranty.



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2. When tires are removed, the entire rim must be cleaned and inspected. With a brush, remove any foreign products from the tire side of the rim (portion of the wheel that supports the tire). Do not use any abrasive brush to remove dirt, corrosion or other foreign products from the wheel surfaces. Generously coat the entire air chamber surface with an approved surface protectant and lubricate each time the tire is removed.
3. Lubricate the rim and tire bead immediately before mounting the tire. Do not use any lubricant which contains water. Water-based lubricants can promote corrosion attack on the rim surface. The use of non-water-based lubricants is especially important when mounting tubeless tires as the air in the tire is contained by the seal between the bead and rim.
4. To maintain the original appearance of your polished aluminum wheels, the following procedures are recommended:
 - e. After installing new wheels and prior to operating your vehicle, use a sponge or cloth to wash exposed wheels surfaces with a mild detergent and warm water. Do not use abrasives, abrasive brushes, steel wool or scouring pads. Standard off-the-shelf car wash and wheel detergents are sufficient. Warm water and a mild detergent will speed the cleaning process.
 - f. Rinse thoroughly with clean water.
 - g. Wipe dry to avoid water spots.
 - h. Clean your polished aluminum wheels using the above procedures as frequently as required to maintain their maintenance. Typical road soils, grime and brake dust trap moisture, which can cause corrosion over a period of time. These must be removed regularly. To assist in the removal of excessive dust, dirt and road grime, the use of warm water with a mild detergent is recommended.
5. Use the Alcoa Aluminum Care System if further polishing or cleaning of the aluminum is required.

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