

Limited Warranty FOR HEAVY DUTY TRUCKS, TRUCK TRAILERS AND BUSES

Dura-Bright® wheels produced after November 2002 have Alcoa wheel part numbers ending with "DB" (earlier wheels have part numbers ending in a 4 or 7) with bead seat diameters measured in 0.5-inch increments. Not all Alcoa wheels are available with the Dura-Bright® surface treatment.

Limited Warranty. Alcoa warrants to the original purchaser from Alcoa or its authorized distributor that a new Alcoa aluminum disc heavy duty truck, truck trailer or bus wheel is free from defects in material and workmanship. Alcoa agrees, without charge, to repair or replace a wheel which fails in normal use and service because of defects in material and workmanship. Wheels and the Dura-Bright® Surface Treatment are warranted for 60 months from the date of manufacture as shown on the wheel. Alcoa bus mount wheels (10-hole, 11.25 inch bolt circle, 8.670 inch hub bore with 1.22 inch diameter bolt holes) and other wheels used in transit service are warranted for 120 months from date of manufacture, except that the Dura-Bright® Surface Treatment is warranted for a period of 60 months from the date of manufacture. Alcoa does not warrant and will not repair or replace or make adjustment with respect to any wheel which has been subjected to misuse or abuse including the following:

- (a) Using a tire which is oversized according to standards recommended by the Tire and Rim Association, Inc.;
- (b) Loading the wheel beyond the applicable maximum wheel load as specified by Alcoa;
- (c) Inflating beyond the applicable maximum as specified by Alcoa;
- (d) Changing the original condition of the wheel by alteration or by subjecting it to any processing such as welding or straightening.
- (e) Accidents, abnormal or severe operating conditions including without limitation tire fires, brake fires, severe brake system drags or seizures or running with a flat tire; or
- (f) Failure to follow maintenance and other instructions and warnings set forth in the Alcoa Wheel Service Manual, Alcoa Technical Bulletins and other Alcoa literature. Recommended maintenance includes, without limitation, using proper torque, periodic cleaning, polishing, valve replacement, periodic inspection for damage, loose lug nuts and rim flange wear inspections and procedures.

THERE IS NO WARRANTY THAT THE WHEEL SHALL BE MERCHANTABLE OR SATISFACTORY FOR ANY PARTICULAR PURPOSE. NOR IS THERE ANY OTHER WARRANTY, EXPRESS OR IMPLIED, EXCEPT SUCH AS IS EXPRESSLY SET FORTH HEREIN.

ALCOA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR ANY BREACH OF WARRANTY, ITS LIABILITY AND THE PURCHASER'S EXCLUSIVE REMEDY BEING LIMITED TO REPAIR OR REPLACEMENT OF THE WHEEL AS STATED IN THIS LIMITED WARRANTY.

Repair or replacement will be handled by an authorized Alcoa wheel distributor or by an Alcoa truck wheel representative. This limited warranty gives you specific legal rights. You may also have other rights under other applicable laws.

Alcoa Wheel Service Manual. This limited warranty should be used in conjunction with the Alcoa Wheel Service Manual. The Wheel Service Manual contains important safety information and warnings, and failure to read and understand this information may result in serious injury or death. The limited warranty is included with the Wheel Service Manual, but may appear elsewhere. If you do not have copies of the Wheel Service Manual you may obtain copies free of charge at www.alcoawheels.com along with other specification literature or by contacting Alcoa Wheel and Forged Products at (800) 242-9898 or the address below:

Alcoa Wheel and Forged Products
1600 Harvard Avenue
Cleveland, OH 44105

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.



Alcoa Wheel and Forged Products
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09/03/2M

Alcoa Dura-Bright® Wheel Finish Care and Maintenance

October 2003

Alcoa Wheels – Look Smart



*New Dura-Bright® wheels shed dirt, brake dust and grease.
Wash them off — no scrubbing, no special chemical solutions — and watch them shine.*



Alcoa Dura-Bright® Wheel Finish Care and Maintenance

Cleaning and maintenance

1. Clean frequently with high-pressure water from a hose. The use of a mild detergent will speed the cleaning process. Do not clean with abrasives, 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 (see the Inspection section of the current Alcoa Wheel Service Manual). 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 an abrasive brush to remove dirt, corrosion or other foreign products from the Dura-Bright® wheel surfaces. Generously coat the entire air chamber surface with an approved surface protectant and lubricate each time the tire is removed (see the recommendations for mounting tubeless tires section of the current Alcoa Wheel Service Manual).
3. To maintain the original appearance of your Alcoa Dura-Bright® 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 Alcoa Dura-Bright® wheels using the above procedures as frequently as required to maintain their appearance. 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, high-pressure water with a mild detergent is recommended. The surface of Alcoa Dura-Bright® 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 Dura-Bright® wheels at any time during their service life.
4. Once in service, Dura-Bright® wheels can become nicked or scratched by road debris and/or mechanical damage. If this occurs, continue to follow the normal washing and cleaning instructions provided above. The surface of an Alcoa Dura-Bright® wheel is designed to limit cracking and peeling if nicked or scratched while in service.
5. Even as durable as Dura-Bright® wheels are, the mounting area can become scratched, marred or discolored when mounted against another wheel, hub or drum. The use of a wheel mounting surface guard, such as Alcoa DiscMates™, is highly recommended. The use of the Alcoa Hub Cover System on Alcoa Dura-Bright® wheels will also assist in limiting such damage and help maintain the appearance of your Alcoa Dura-Bright® wheels.

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.



WARNING Wheels that are not properly installed or maintained may not work properly.

Failure to follow proper wheel installation or maintenance practices may result in injury or death.

Follow the proper wheel installation and maintenance practices as contained in the Alcoa Service Manual. For additional copies of the manual, available free of charge from Alcoa, or for the most recent updates, contact Alcoa Wheel and Forged Products at 1-800-242-9898 option 1 or on the web at www.alcoawheels.com.

Excessive heat damage



WARNING Excessive heat from fire, brake malfunction, wheel bearing failure or other sources may weaken the metal and cause the wheel/tire assembly to separate explosively.

Exploding wheel/tire assembly can cause death or serious injury.

Immediately remove from service any wheel that has been exposed to excessive heat.

Inspect for exposure to excessive heat. A wheel that has been subjected to excessive heat may appear charred or burned. A wheel that has been exposed to excessive heat may appear to be in good condition if it has been cleaned. Even if a wheel does not appear to be obviously burned, check the valve hole and labels for evidence of charring, melting, blistering or burning.

A wheel may discolor from excessive heat. It can appear a dull grayish color and will not polish to a bright finish as a typical wheel would.

Any wheel run with a flat tire longer than the time necessary to immediately pull off the road should be checked for excessive heat damage.



Genuine Alcoa forged aluminum wheels carry the distinctive Alcoa symbol decal. The decal is of various size and color depending on the particular Alcoa wheel. The condition of your decal can signal the condition of your wheel. A blistered, burnt or scorched appearance may indicate that the wheel has been exposed to excessive heat.

See next page for warranty information.