

# TruckTion Ace™/MC

## Traction Aids

Trucktion Ace is proud to provide you with its traction aid product designed with commercial transport vehicles in mind. Please follow the instructions below for the proper step-by-step use, maintenance and storage of your Trucktion Ace™ traction aids. Our **Limited Warranty, Return & Replacement Policy** and **Limitation of Liability** follow.

Your Trucktion Ace™ traction aids can be used simply and effectively for a wide range of vehicles including commercial transport vehicles such as tractor trailers and semi-tractors. Four units are included with every order, to help ensure you have what you need for most situations when your vehicle needs traction aid.

Having on hand the use of at least four Trucktion Ace™ units is recommended because one Trucktion Ace™ unit may be needed for one of the tires of each wheel at the ends of a double-axle drive system. If one of the wheels on an axle is not engaged with a traction aid unit, more power will be distributed to any free spinning wheel which then reduces the amount of power available to the other wheels to help you get moving again.

### Use of Trucktion Ace™ Traction Aids

#### Step-By-Step Instructions

1. When your vehicle gets stuck in a hole, or when you first detect that one of your wheels is spinning without gaining traction on a ground surface, do not keep trying to accelerate. Prolonged wheel spinning will make a hole deeper and build up snow and/or dirt around your wheel which will make it more difficult to get unstuck.
2. Instead, first determine whether the vehicle will need to move in a forward or rearward direction with the aid of your Trucktion Ace™ units.
3. Clear the ground surface immediately in front or behind of the wheel requiring traction aid to create as flat and level a surface as possible.
4. Check for any loose objects such as stones or other debris around the wheel to minimize the chances of any dangerous projectiles being created during acceleration of the vehicle.
5. For each wheel as needed, hold the U-shaped frame of the Trucktion Ace™ unit with two hands near the closed end with the claws or tongues facing forward. Note the position of the ice picks so as not to injure yourself. We suggest handling the device wearing leather gloves for added safety and for protection from the elements.

6. Tilt the Trucktion Ace™ unit downward so that the claw ends engage the deep tire treads of the wheel as close as possible to where the tire surface and ground surface meet. Once the tire tread is engaged by the claw ends you should be able to let go of the Trucktion Ace™ unit so that it remains in a tilted orientation between the tire and ground surface.
7. Inspect the positioning of the Trucktion Ace™ unit and adjust accordingly to avoid damaging the tire. The alignment of the Trucktion Ace™ unit should be such that neither claw is too close to an outer edge of the tire tread surface where the rubber is thinner.
8. **Before putting your vehicle into an acceleration mode to drive over the Trucktion Ace™ unit(s) ensure no one is standing close to, or in line with the wheels.** This is to avoid injury due to possible projectiles created by the turning motion of the wheel as it transitions to gain traction with and climb over the Trucktion Ace™ unit(s). Depending on the positioning of a traction aid unit and the underlying ground surface there is the possibility that the unit itself will not be engaged properly by the tire, or will be projected by the wheel passing over it.
9. Slowly drive your vehicle over the Trucktion Ace™ unit(s). As your vehicle continues to accelerate the tire treads engage in sequence the elevated cross bars of the Trucktion Ace™ unit(s) and the ice picks engage the ground surface to stabilize the traction aid(s). In this manner you can safely drive your vehicle over the traction aid(s) so that the wheel(s) move to a spot away from the ground surface the vehicle was previously stuck at.
10. If instead of engaging the cross bars of the Trucktion Ace™ unit(s) a tire starts to spin, immediately stop accelerating. Reposition the unit(s) and repeat the process described in steps 1-9. Normal, occasional usage of a Trucktion Ace™ traction aid should result in the ice picks generally penetrating the flattened ground surface due to the weight of the vehicle passing over it, such that the underside of the traction aid comes to rest substantially on the ground surface. If the traction aid device remains elevated above the ground surface, there is a higher risk that the weight of the vehicle may place undue strain on the frame of the device and make it more prone to breakage or being bent out of shape. Under these circumstances, breakage or bending of the device cannot be said to be due to workmanship defects.
11. Once your vehicle has driven over the Trucktion Ace™ traction aids, remember to stop and get out of your vehicle, in order to retrieve and safely store your unit(s) according to our maintenance and storage instructions.

### Maintenance & Storage of Trucktion Ace™ Traction Aids

Each Trucktion Ace™ unit is manufactured with a paint coating to help protect against corrosion due to moisture, salt and other environmental conditions it may be exposed to during normal, occasional usage. Our traction aids are also stacked and boxed with foam inserts to protect the paint finish of each unit.

While it is expected that the paint finish will be vulnerable to scrapes and chips resulting from normal, occasional use, transport and storage, you can help protect your device from corrosion if after each use, you wipe down your unit(s) to remove moisture and salt residue.

It is recommended that your units be stored following each use in a similar manner to the way you received them. To do this you may re-use the foam inserts or analogous flat insert materials (such as pieces of cardboard or thick felt-like material).

To store your Trucktion Ace™ traction aids safely and efficiently, take two units and stack them by bringing together the undersides of each unit separated by a suitable insert. In this arrangement, the off-set positioning of the ice picks on the inner sides of the frame of one unit, allows the ice picks of that unit to nest inside of the frame of the other unit, and *vice versa*. (See photo illustration of stacked traction aid pairs below.)\*

Stacked pairs of units may be stacked on top of one another in a box, again separated by a suitable insert.



\*Stacked Trucktion Ace™ Traction Aids shown without packaging inserts.

### Limited Warranty

Trucktion Ace Inc. provides a limited warranty for one year in the case of workmanship defects relating to the welding of our traction aids. During the warranty period, we will replace a traction aid unit that breaks under occasional usage when it has been used in accordance with the instructions provided for the proper use, maintenance and storage of our traction aids.

This warranty applies only to breakage of the welding of a traction aid under the weight of a vehicle during use. It does not apply in the case of damage to a traction aid which may arise if the device is projected by the wheel of your vehicle during use. It also does not apply to damage to the paint finish.

### Return & Replacement Policy

Trucktion Ace Inc. does not accept returns of broken or damaged merchandise. Should one or more of your Trucktion Ace™ traction aids be received in a broken state or break due to welding defects during the warranty period please contact us at [info@trucktionace.com](mailto:info@trucktionace.com) and send us a photo of your broken unit(s). We will contact you to confirm the delivery of your replacement unit(s).

Should you not use your Trucktion Ace™ traction aids within the first 10 days following delivery and wish to return them, please contact us at [info@trucktionace.com](mailto:info@trucktionace.com) so that we can help you make suitable shipping arrangements for the return of merchandise in good condition. There will be a restocking fee equivalent to 25% of the purchase price and you will be responsible for the costs of shipping and handling. Once we receive the returned, unused merchandise in good condition we will issue a refund for the balance of the price paid.

### Limitation of Liability

The workmanship of each Trucktion Ace™ traction aid is inspected prior to packaging. We have made all commercially reasonable efforts to manufacture a product fit for its purpose and to provide instructions for the safe and effective use of our traction aid(s). We cannot, however, guarantee that our product will work in every situation when your vehicle requires traction aid.

We also cannot guarantee that use of our traction aids will not cause physical bodily injury or damage to your vehicle, for example, if projected by a wheel during use. The combination of the placement of a traction aid and ground conditions in a given instance are such that Trucktion Ace Inc. cannot be responsible or liable for any direct or indirect injury or damage to any person and/or property arising from the use of our product.

In no case will Trucktion Ace Inc. be liable for anything other than welding workmanship defects and the replacement value of the traction aid(s) as may be:

- (i) evident upon delivery, and reported within 10 days prior to use; and
- (ii) in the case of breakage during use within the warranty period.



The tool that keeps you rolling™

### Trucktion Ace™ Inc.

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