



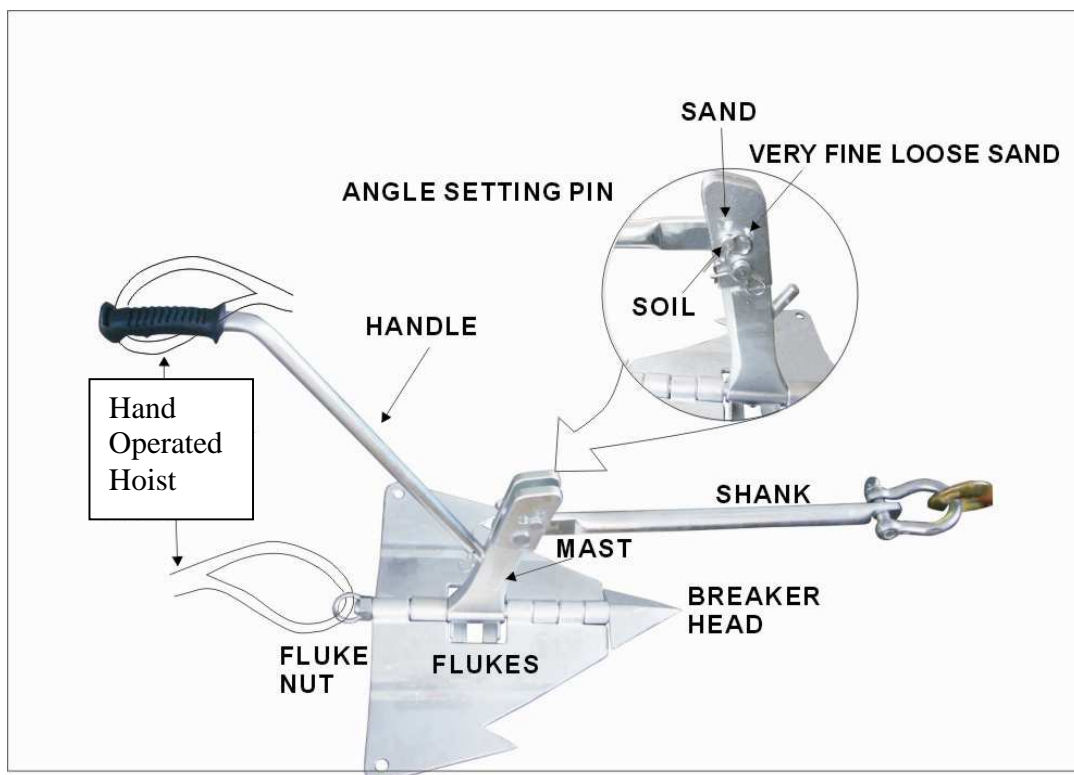
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Installation Instructions Ground Anchor Part # 2727 (Universal)

NOTE: Carefully read entire instructions and product information thoroughly before attempting to install/use this part. Use caution when using this product.

Rated Load capacity 10,000 LB, Max Load Capacity 12,000LB

Step 1: The Ground Anchor has 3 settings depending on its need to fit for use in soil, sand and very loose sand. (See Fig 1) The ground Anchor will work on its own, however it will achieve greater performance with another person standing behind the anchor holding the handle to make sure the anchor will be pulled into the soil at the correct angel.



(Fig 1)

Note: A tire or other round object is recommend to use to eliminate damage to your winch cable from it contacting the ground surface.

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Step 2: When attaching a winch cable to the bow shackle of the Ground anchor make sure your cable winch hook is of standard size. Do not use an over size hook, as this will restrict the shank from penetrating the sand or soil. If you do have a large hook, you can remove the hook and attach

Step 3: Whenever heavy winching is necessary, set the Ground anchor as far away from your vehicle as possible, this does two things, one, it allows the Ground anchor to go deeper, two, your winch has more power to cope with the load, when using a tire for or a double purchase block, a four meter sling must be fitted between the Ground anchor or the purchase block for safety reasons.

Step 4: When using a tire for it is not possible to retrieve the Ground anchor as you would with a power winch. Before winching the Ground anchor when using a tire for, fit a rope sling to the ring provided on the fluke nut and the other end of the handle. When winching is completed either slide the Ground Anchor out rearward by pulling on the rope or simply fit the loose end of the sling over your tow bar and drive forward. After the ground anchor is used, clean the soil or sand on the anchor thoroughly, otherwise it would invite rust or the anchor's performance will be influenced in the following use.

NOTE: Inconsistent soil such as leaves and grass may not allow the Ground anchor to give you the holding power you require, if this happens, continue to winch the Ground anchor for approx, two and a half meters, this cleans away over burden and top soils. Remove and reset the Ground at the beginning of the first pull, this will allow the Ground anchor to continue it's decent until the holding power you require is achieved. **IMPORTANT NOTICE:** We accept no responsibility for any damage or injury incurred from using winching equipment. Any type of winching and/or rescue work can involve risks. Any actions involving winching and/or rescue are undertaken at your own risk.

The performance of ground anchors, the safety factor of using the ground anchor and the success rate that one has of recovering there vehicle in a bog situation is marginally due to the ability of the user understanding hot to correctly deploy the ground anchor for maximum performance.

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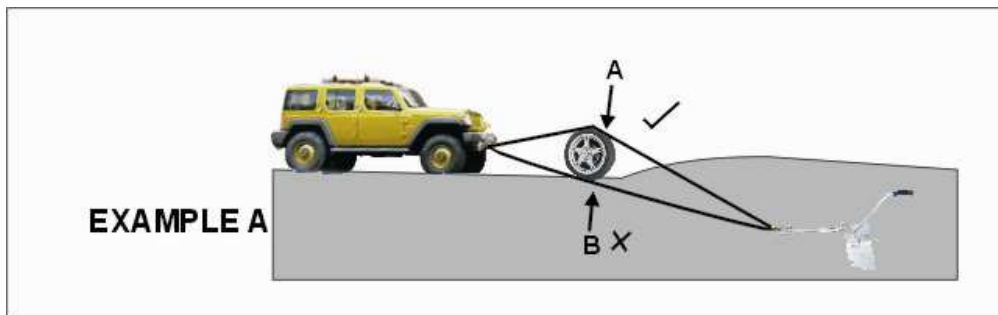
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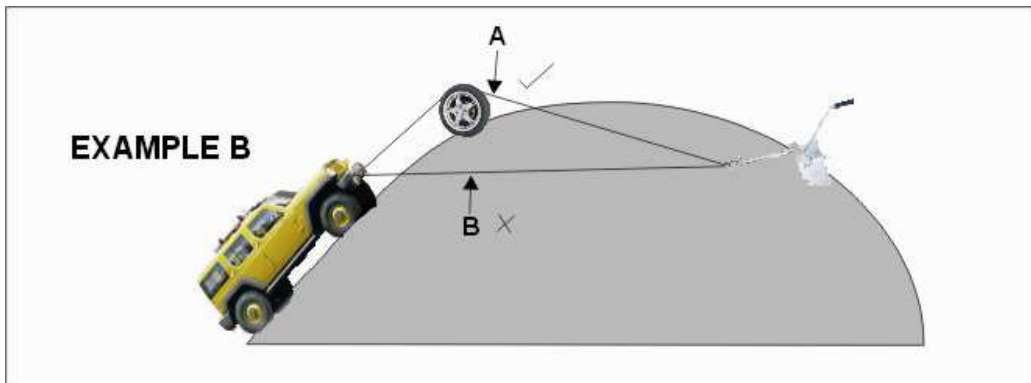
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EXAMPLE A: If your vehicle is sitting on the differential housings or frame Setup B in example A will not work. In this situation pull out all of your winch cable (be sure to leave at least 5 turns of cable on your drum), pull in the ground anchor until a substantial load is applied to the winch. Deploy your spare wheel or other round object as seen in Setup A in example A. Make sure to dig sand/soil away from the tires and differential housing/frame.



EXAMPLE B: On loose sand hills Setup A is correct coupled with a steady low speed controlled wheel spin in low ratio, which will give the vehicle continued forward motion. This controlled wheel spin also helps prevent the vehicle from sinking. Setup B in example B is incorrect for this type of situation.



If you do not have assistance and you are deploying the Ground Anchor in hard soil, a hole approximately 12" deep will be necessary to the Ground Anchor. The hole should be in the shape of a spade. (Example C)

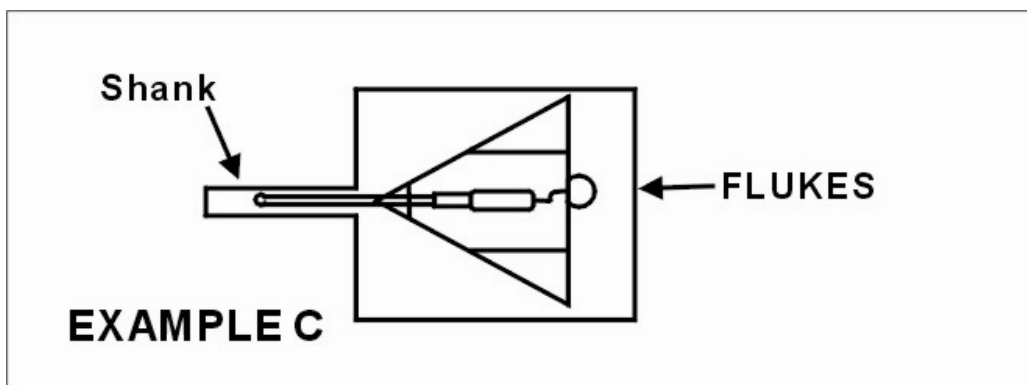
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NOTE: There are a few reasons to cause the Ground Anchor to plough.

- A. Too loose of soil
- B. Over burden on ground, such as leaves, sticks ect..
If this happens continue to pull the Ground Anchor for 2 or 3 yards to clear away the problem material and then reset again at the start in the same trench.
- C. Deploying the Ground Anchor too close to the vehicle will increase the steepness of the cables angle which may cause it not to sink down in the ground.
- D. Check the angle pin is in the correct position for the type of soil you are using the anchor in.

WARRANTY

Smittybilt (The Company) warrants to the original purchaser of this product that should the product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within the warranty period of 1 year from the date of purchase, such defect(s) will be repaired or replaced (At the Company's option) without charge for parts or labor. To obtain repair or replacement within the terms of the warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale, receipt), specification of defect, freight pre-paid with Returns Good Authorization Number from Smittybilt to place of purchase. Items returned to Smittybilt Automotive without an Returns Authorization Number will be refused and returned to sender at the senders expense.

This warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect accident or acts of nature. **THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER FOR THIS PRODUCT.**

This warranty is in lieu of all expressed warranties and liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 90 DAYS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the company any liability other than expressed herein in connection with the sale of this product. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, therefore above limitations may not apply to you. This warranty gives the purchaser specific legal rights. The purchaser may have additional rights, which vary from state to state.

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