

INSTALL INSTRUCTIONS



DURALINE™ & DURALINE™ EXOSHIELD WINCH LINES

303417 (3/8" X 75' DURALINE™ EXOSHIELD™)
303418 (3/8" X 100' DURALINE™ EXOSHIELD™)
303827 (3/8" X 125' DURALINE™ EXOSHIELD™)
303828 (3/8" X 150' DURALINE™ EXOSHIELD™)
303501 (3/8" X 50' DURALINE™)
303502 (3/8" X 75' DURALINE™)

303503 (3/8" X 100' DURALINE™)
303829 (3/8" X 125' DURALINE™)
303830 (3/8" X 150' DURALINE™)
303437 (5/16" X 15' DURALINE™)
303504 (5/16" X 25' DURALINE™)
303505 (5/16" X 50' DURALINE™)

KIT CONTENTS



DuraLine™ ExoShield



DuraLine™ Winch Line (5/16")



DuraLine™ Winch Line (3/8")



DuraLine™ Suspension Winch Line (5/16" x 15')

303814-INS

RECOMMENDED TOOLS

Screwdriver

Ball Peen Hammer

Recovery Gloves (Trail-Gear P/N: 303823)

Safety Glasses

Winch Hook Pull Strap (Trail-Gear P/N: 300522-KIT)

CAUTION

1. Read all instructions completely and carefully before you begin. If anything is not clear, please call our tech support line at 1.877.4X4.TOYS or 559.252.4950 before proceeding.
2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents Section on the first page of these instructions). If anything is missing, please contact Trail-Gear at 1.877.4X4.TOYS or 559.252.4950.
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
4. This product is for off-road use only. It is recommended that the installation steps below be performed by a competent mechanic. DO NOT use this product for lifting, climbing, or any life-safety use. DO NOT use this product for towing or any on-road use. Buyers and users of this product hereby expressly assume all risks associated with the installation and use of this product.
5. This instruction cannot cover all possible recovery scenarios. The user is responsible for evaluating each recovery situation and taking the appropriate actions. The safety of the user and others in the recovery area should be the first priority.
6. This installation is typical for most winches. Some winches vary. If necessary, refer to the proper installation instructions for the model of your winch.



INSTALL INSTRUCTIONS (CONT'D.)



WINCH LINE PARTS

DuraLine™ ExoShield Winch Lines



DuraLine™ Standard Winch Lines



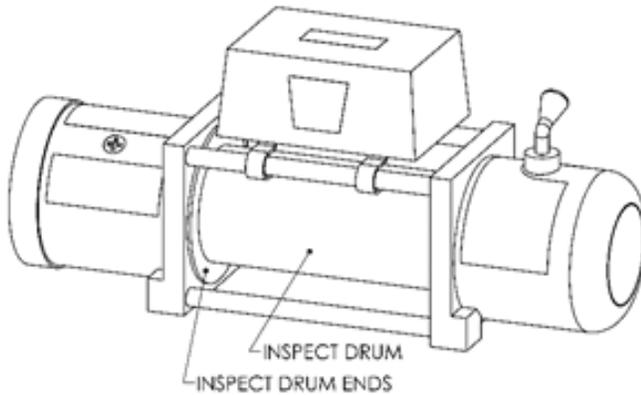
Note: 5/16" x 15' Suspension Winch Line is not provided with a hook or polyester sleeves.

INSTALL INSTRUCTIONS (CONT'D.)



STEP 1

Inspect your winch drum. Verify that there are no sharp features or protrusions that will damage the winch line. File or sand down any sharp burrs or gouges until they are smooth.



STEP 3

Uncoil the winch line and lay it out flat in front of your vehicle.



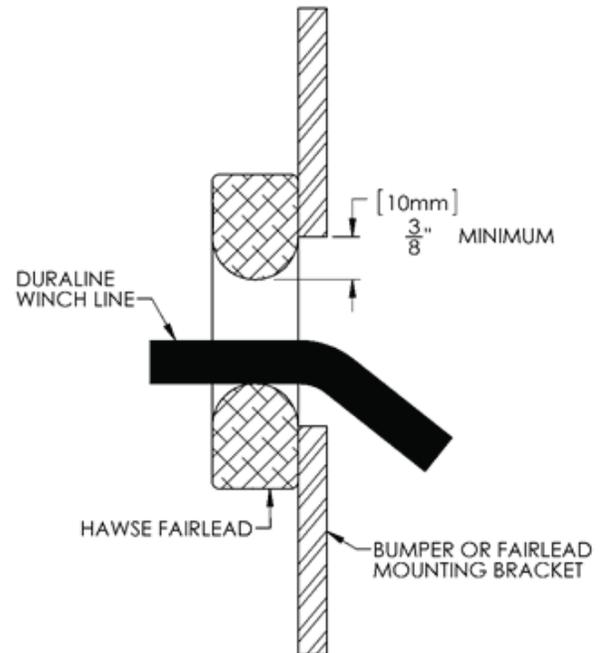
STEP 4 (MOUNTING LOOP)

Insert the mounting loop end of the winch line through the fairlead. Feed the line underneath the drum and pull it over the top of the drum. Securely attach the mounting loop to the drum with the M6 mounting screw and adapter provided with the winch line. Some brands of winches may require a different size mounting screw. Note: If your winch has a different method of mounting the end of the winch line to the drum of your winch, follow the winch line mounting instructions provided with your winch.



STEP 2

Inspect your fairlead. We recommend using only Hawse-style fairleads. We DO NOT recommend the use of roller fairleads, as the winch line can get pinched or torn between the rollers. Make sure there is at least 3/8" of clearance between the opening of the fairlead and the edges of the mounting plate. This will prevent damage to the winch line from the fairlead mounting bracket.



STEP 4 (MOUNTING LUG)

Insert the mounting lug end of the winch line through the fairlead. Feed the line underneath the drum and pull it over the top of the drum. Securely attach the mounting lug to the drum with the mounting screw. A longer M6 screw has been provided for use with TG 8000 & TG 10000 winches. Other brands of winches may require a different size mounting screw. Note: If your winch has a different method of mounting the end of the winch line to the drum of your winch, follow the winch line mounting instructions provided with your winch.



INSTALL INSTRUCTIONS (CONT'D.)



STEP 5

Activate your winch and neatly spool the first layer onto the winch drum. Make sure to keep your hands away from the winch at all times while spooling.



STEP 6

Neatly spool the second layer onto the winch. Tight, even wraps function better and allow you to put more winch line on the winch.



STEP 7

Stop the winch when there is a few feet of unspooled line. If supplied with a G80 hook, assemble the hook onto the winch line thimble and tap the pin in with a ball peen hammer. If supplied with a G70 hook, install the hook on the thimble and secure the pin with the provided cotter pin.



STEP 8

Attach the hook to a convenient mounting point on the front of your vehicle. Spool the remaining line in until the winch line is slightly taunt. DO NOT spool all the way in with the hook. Damage to the thimble, hook, and fairlead may result. DO NOT drive with an unsecured hook, as damage to the front of your vehicle may result.



INSTALL INSTRUCTIONS (CONT'D.)



USING YOUR DURALINE™ WINCH LINE

STEP 1

Always wear a sturdy pair of gloves when handling winch line or using recovery equipment. Wear safety glasses during the recovery process. DO NOT handle winch line or put your hands near the fairlead while the winch line is moving.



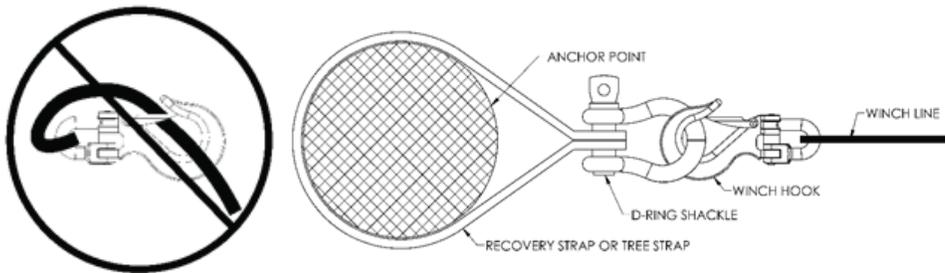
STEP 2

Always use a hook pull strap when spooling winch line in or out to avoid injury to hands or fingers. If you do not have a pull strap, a length of rope or cord can be used.



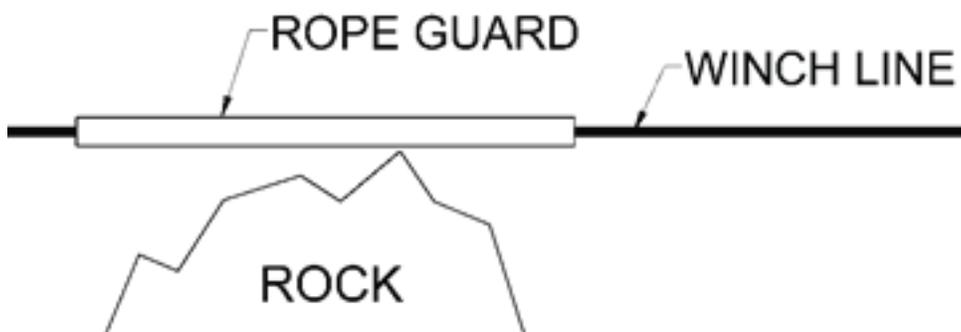
STEP 3

Never loop the winch line around an object and hook back onto the winch line. This will cause damage to the winch line. Instead, loop a tree strap or recovery strap around the anchor point and secure the ends with a D-Ring shackle. Attach the hook to the D-Ring shackle.



STEP 4

When setting up your recovery, make sure the winch line will not be in contact with any sharp edges or abrasive surfaces during the recovery pull. If contact with an abrasive surface cannot be avoided, use the Rope Guard (included with ExoShield™ winch lines) to prevent damage to the winch line. DO NOT let the Rope Guard spool in past the fairlead, as damage to the Rope Guard may result.



INSTALL INSTRUCTIONS (CONT'D.)



STEP 5

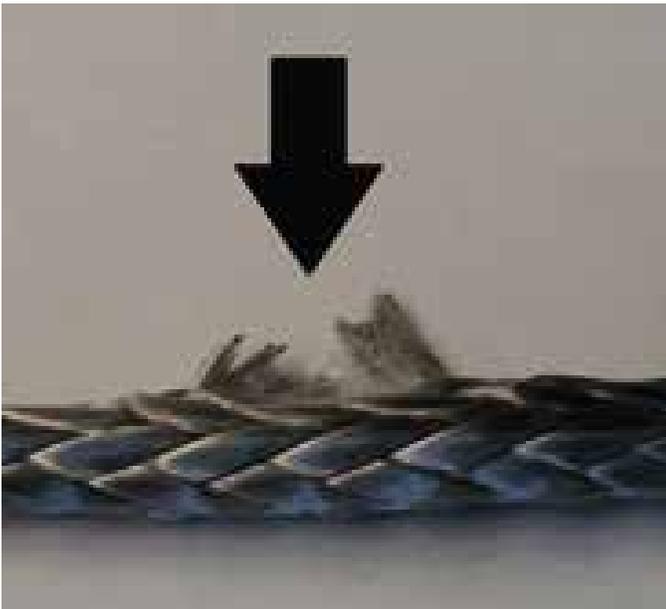
Always keep one full layer (at least 10 wraps) of winch line on the drum. Friction keeps the winch line on the drum. The screw attachment to the drum IS NOT meant to support a load. If you see the red Kevlar-wrapped section or the red polyester sleeve come out past the fairlead, STOP THE WINCH IMMEDIATELY. THERE IS NOT ENOUGH LINE LEFT ON THE DRUM TO SUPPORT THE WINCHING LOAD.



CARE AND MAINTENANCE

STEP 1

Inspect the winch line and hook after each and every use. If any of the main strands are cut or worn through, discard and replace the winch line (see picture below). If the hook is damaged, elongated, or twisted, discard and replace the hook.



STEP 2

Dirt and sand can wear and weaken your winch line over time. For maximum longevity, periodically unspool your winch line and wash it with water and mild soap (e.g. liquid dish soap). Rinse with clean water and allow the winch line to air dry before respooling the winch line. DO NOT use any other cleaning agents other than mild soap and water, as they may damage and weaken your winch line. DO NOT use a washing machine to clean your winch line, as damage to the winch line may result. DO NOT use a clothes dryer to dry your winch line, as damage to the winch line and/or the clothes dryer may result.



INSTALL INSTRUCTIONS (CONT'D.)



STEP 3

The shrink wrap over the splice may become abraded or damaged from use. Damage to the shrink wrap does not affect performance of the winch line and is not grounds for a warranty return.



REPLACEMENT PARTS

