



OPERATING INSTRUCTIONS FOR VEHICLE RECOVERY STRAPS AND TREE TRUNK PROTECTORS

Your safety, and the safety of others, is very important. To help you make informed decisions about safety, we have provided operating instructions and other information on labels and in this guide. This information alerts you to potential hazards that could hurt you or others. It is not possible to warn you about all potential hazards associated with this product, you must use your own good judgment.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

This guide identifies potential hazards and has important safety messages that help you and others avoid personal injury or death. **WARNING** and **CAUTION** are signal words that identify the level of hazard. These signal words mean:

⚠ WARNING signals a hazard that could cause serious injury or death, if you do not follow recommendations.

⚠ CAUTION signals a hazard that may cause minor to moderate injury, if you do not follow recommendations.

This guide uses **NOTICE** to call attention to important mechanical information, and **Note**: to emphasize general information worthy of special attention.

Read and understand the instructions and warnings listed below and on the tag attached to the strap, before using the strap. If you cannot comply with the instructions and warnings, **DO NOT** use the strap. Serious injury or property damage can result.

Warn Recovery Straps are designed to stretch several feet under load and use that stored energy to pull a stuck vehicle free. Recovery Straps can recoil with great force if the strap, vehicle anchor points or any part of the rig fails. The impact of the strap and any hardware still attached can cause property damage, personal injury and death.



WARNING

INJURY HAZARD

FAILURE TO OBSERVE THESE INSTRUCTIONS COULD LEAD TO SEVERE INJURY OR DEATH.

Never exceed the load rating of the strap.

Always select vehicle anchor points that exceed the strap load rating.

Never stand between, in front of, or behind vehicles during vehicle recovery.

Never stand near or step over strap during vehicle recovery.

Always move bystanders away from either end and between both vehicles before pulling.

Never store strap in direct sunlight. Ultra violet light can damage the strap.

Never pull strap over sharp edges or abrasive surfaces. Strap can be damaged.

Always inspect strap for damage before each use. If the strap is cut, frayed, abraded or separated the strap is damaged. If the stitching is cut or frayed, the strap is damaged. If the red thread is visible the strap is damaged.

Never use a damaged strap. Damaged straps have reduced load capacity.

Never attempt to repair a damaged strap.

Always replace a damaged strap.

Never use strap for lifting or hoisting.

Never use a Recovery Strap for winching.

Never attach a strap to vehicle steering, drive train or suspension components.

Never use a winch hook as a Recovery Strap anchor.

Never expose the strap to acid.

Never expose the strap to temperatures above 180 degrees F.

Never attach strap to vehicle body.

Never tie knots in strap or tie straps together.

STRAP BREAK STRENGTH

1" wide strap is 6,400 lbs.

2" wide strap is 14,400 lbs.

3" wide strap is 21,600 lbs.

4" wide strap is 30,000 lbs.

RECOVERY STRAP USE

1. The Warn Recovery Strap stretches when pulled then retracts to help free a stuck vehicle.
2. Line up the rescue vehicle as directly as possible in front of, or behind the stuck vehicle.
3. Fully uncoil the strap and attach it to the rescue and stuck vehicles. Heavy-duty receiver hitches and tow hooks are preferred attaching points. Choose a substantial point such as the frame if these are not available.
4. When the area between the vehicles is safely clear of people and objects, pull the rescue vehicle ahead slowly to take up the slack in the strap. Ensure the strap is not twisted, tangled or knotted, then drive forward. The strap will stretch several feet and help free the stuck vehicle. If possible, use the stuck vehicle's power to assist in the recovery.
5. If, after several attempts, the vehicle remains stuck, consider pulling from the opposite direction. If severely stuck, it will probably require a Warn Winch to free the vehicle.

TREE TRUNK PROTECTOR USE

1. Slip the Tree Trunk Protector around a suitable tree or anchor point.
2. Attach a shackle (Warn PN 13047) through the two looped ends.
3. Attach the winch hook securely to the shackle.

CLEANING

Your Warn Recovery Strap or Tree Trunk Protector may be cleaned in mild soap and water.