



KINETIC SNATCH ROPE



Part Number: MMKR95T / MMKR13T

Minimum Breaking Strength (MBS)

It is recommended that the minimum breaking strength of the strap/rope should be between 2 and 3 times the vehicle's gross vehicle mass (GVM)

*GVM means the maximum loaded mass (including the vehicle's chassis, body, engine, engine fluids, fuel, accessories, driver, passengers and cargo) of a vehicle as specified by the vehicle manufacturer on a plate affixed to the vehicle or assessed by the road authorities in the absence of a plate.

For your personal safety read, understand and follow the information provided in this instruction manual before using.

USER MANUAL

KINETIC SNATCH ROPE

Mean Mother Snatch Ropes are made from nylon webbing which has been treated for longer wear. Each of our ropes feature 30% elongation, reinforced and protected eyelets, and are tested to meet quality and strength standards. The Mean Mother Snatch Ropes are available in:

- *9m x 19mm (29ft x 3/4") & rated to 9,500kg (20,944lb) min. breaking strength.*
- *9m x 22mm (29ft x 7/8") & rated to 13,000kg (28,660lb) min. breaking strength.*

Mean Mother Snatch Ropes have been designed to stretch 30% and spring back to the original length in a recovery operation. Similarly to a rubber band springing back after stretching, a snatch rope being stretched between two vehicles generates a kinetic energy pulling force as the rope returns to its original length. The combination of the recovery vehicle pull and the pulling force from the rope creates a 'snatching' effect that can heave a stranded vehicle free from being bogged or unable to move under its own power. When used in accordance with the "Guidelines for safe use of Vehicle Recovery Ropes and Snatch Ropes", vehicles may be recovered with minimal risk of injury to people or damage to vehicle equipment.



WARNING
INCORRECT USE MAY RESULT IN INJURY OR DEATH



Vehicle **OCCUPANTS** and **BYSTANDERS** have been **KILLED** by flying projectiles (such as tow balls) when recovery straps/ropes have been attached incorrectly. **NEVER** attach recovery ropes to vehicle fittings such as tow balls, tow bars, tie-down points or tow hooks. **ONLY** attach recovery straps/ropes to an **APPROVED** recovery point/device that is suitably rated for use with the straps/ropes. **BEFORE** attempting a vehicle recovery all passengers must exit the vehicles and stand as far away as possible.

KEY INFORMATION & SAFETY RECOMMENDATIONS

- Check the strap/rope and its packaging for the stated Minimum Breaking Strength (MBS) of this strap/rope.
- It is recommended that the minimum breaking strength of the strap/rope should be between 2 and 3 times the vehicle's gross vehicle mass (GVM); and
- The strap/rope must be suited to the GVM of the lighter of the two vehicles used in the recovery process
- Persons intending to use the strap/rope should consider completing a nationally recognised four wheel drive training course or contact a four wheel drive club for comprehensive advice on the proper selection and use of the strap/rope.
- The strap/rope must not be used for lifting or conventional towing.
- Persons intending to use the strap/rope must ensure that the strap/rope is not damaged and is in usable condition.

- The strap's/rope's strength and stretch are reduced when the strap/rope is saturated.
- An object such as recovery damper, heavy bag or blanket must be draped over the strap/rope during use to reduce any unintentional rebound of the strap/rope
- Before attempting the vehicle recovery, passengers of the vehicles involved must
- Exit the vehicles and
- Stand as far away from the vehicles as possible (recommended as at least 1.5 times the length of the unstretched strap/rope) from either of the vehicles involved in the recovery process and
- Avoid standing within the path of the vehicle performing the recovery

WARNING

Always follow product instructions. It is important to correctly attach the motor vehicle recovery strap/rope to a motor vehicle. A standard tow ball or vehicle tie-down point is not designed for this purpose and may result in the strap/rope or vehicle component detaching from a motor vehicle and striking and seriously injuring or killing a person. Only attach the strap/rope to a vehicle recovery point or device that is suitably rated for use with the strap/rope. Incorrect use has previously resulted in serious injury and death.

SETTING UP THE RECOVERY

Assess the circumstances of the stranded vehicle. If it has bottomed out, clear under the vehicle body so it rests on its wheels. The recovery vehicle should be placed in line (no more than 10° off the straight line) with the stranded vehicle, for either a forward or reverse recovery operation. Distance between vehicles should be 2-3 metres (6-9ft) less than the un-stretched length of the Recovery strap/rope. Establish agreed signals between the vehicle drivers, by radio (preferably), hand signals or vehicle horn.

CONNECTING THE RECOVERY STRAP/ROPE

Carefully inspect the Recovery strap/rope to determine that it is in good condition. If the strap/rope is wet, dirty, cut or chaffed, it will not perform properly. A wet strap/rope may be 20% under strength, a damaged strap/rope may break. Do not allow the strap/rope to contact hot surfaces or sharp edges. Roll the strap/rope out between the vehicles, and make sure there are no twists, leave about 2-3 metres (6-9ft) slack between the vehicles. The joining of ropes should be avoided wherever possible (Retailers carry varying lengths of strap/rope).

NEVER USE A METAL OBJECT to join ropes - if the strap/rope breaks it can become a missile and cause damage or injury.

Check your vehicle hand book for recovery point locations, or use correctly rated and fitted aftermarket recovery points. **DO NOT CONNECT TO A TOW BALL OR TIE DOWN POINT.** Connect Recovery strap/rope to recovery point, for any recovery point requiring the use of a shackle to attach the strap/rope, use only load rated shackles. Only connect to correctly rated recovery points on the vehicles, with only 'Load Rated' shackles. Load ratings are marked on shackles as WLL (Working Load Limit). Bow Shackles are suitable for this purpose and should be rated at least 3.25t. To correctly tighten shackle pins, screw the pin until it seats then back about 1/2 to 1 turn. Over tightening may lead to seized pins, due to the force exerted during recovery operations. To reduce the risk of vehicle damage and personal injury, hang a suitable recovery damper blanket, over the Recovery strap/rope, approximately midway to restrict the whipping action of a strap/rope should it break.

Last thing - Check all connections and clear bystanders to a safe distance (1.5 times the un-stretched Recovery strap/rope length) to the side of the recovery operation and NEVER in the line of recovery.

MAKING THE RECOVERY

1. Before the recovery operation drivers must agree on the point to which the stranded vehicle is to be recovered and the signal (radio, hand signal or horn blast) when that point is reached.
2. With communications maintained between both vehicles, and Recovery Rope secure, the recovery vehicle should gently accelerate, taking up the slack and proceeding at no faster than 10-12 kph. (6-7mph) For best results the stranded vehicle should be in 1st gear (or 2nd Low), and the driver should assist the recovery by trying to drive out approximately 3 seconds from when the recovery vehicle moves off.
3. If the vehicle is not recovered on the attempt, check under the stranded vehicle, again, for obstacles, reset the slack in the Recovery strap/rope and try a little more speed by the recovery vehicle. NOTE: Excessive speed or continual jerking action whilst using a Recovery strap/rope may result in damage to the recovery point, chassis and drive line of both vehicles.
4. When the stranded vehicle reaches the agreed point the driver should advise and the recovery vehicle should stop, then the stranded vehicle should stop.
5. Where proper use of a Recovery strap/rope is unsuccessful, use an appropriate sized recovery winch.
6. Do not attempt to remove the strap/rope until both vehicles are stationary and secured.
7. NOTE: Recovery Ropes require rest periods between use to return to their original length and capacity. Excessive pulls over a short period of time can cause heat build up and possible failure. Check your vehicle hand book for recovery point locations, or use correctly rated and fitted aftermarket recovery points.

GENERAL CARE AND MAINTENANCE

- Never allow your strap/rope to rub against sharp or hot surfaces.
- Avoid twists & kinks, after washing, and when dry; always coil your strap/rope for storage
- Clean your strap/rope with warm water and a mild detergent, allowing thorough drying before storage. Foreign material such as sand and grit can permanently damage the strap/rope fibres.
- Check full length of ropes for nicks and cuts before and after use. If damaged, replace it.
- Never use the strap/rope as a lifting sling.
- Inspect shackles for damage; if pins are hard to turn, shackle has been overstressed. Replace it.

Please refer to the 4WD Industry council's safe use of recovery straps/ropes

<https://www.4wdcouncil.com.au/resources/snatch-strap-guidelines/>

**SCAN THIS QR CODE TO READ
FULL SNATCH STRAP/ROPE
SAFETY GUIDELINES**



WARRANTY

HAIGH AUSTRALIA PTY LTD (ACN 005 065 298)

Product Warranty

Haigh Australia Pty Ltd (ACN 005 065 298) ("Haigh Australia") provides the following addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this warranty is to be interpreted as excluding, restricting or modifying any State or Federal legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

Haigh Australia warrants that, subject to the exclusions and limitations below, the Snatch strap/rope and its components ("Product") will be free from defects in materials and workmanship for a period of 1 year from date of purchase. This warranty is not transferable to a subsequent customer if the Product is sold by the original customer during the warranty period. If a defect appears in the manufacture or assembly of the be defective in materials or workmanship, then Haigh Australia will, in its sole discretion, either:

- a)** replace or repair the Product or the defective part of the Product free of charge; or
 - b)** have the Product or the defective part of the Product to be replaced or repaired by a
- Haigh Australia reserves the right to replace defective parts of the Product with parts and components of similar quality, grade and composition where an identical part or component is not available. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

WARRANTY CLAIMS

1. If a fault covered by warranty occurs, the customer must first the retailer from which the Product was purchased or Haigh Australia.
2. Any warranty claim must be accompanied by: (a) proof of purchase; and (b) full details of the alleged defect.
3. The customer must make the Product available to Haigh Australia or its authorised repair agent for inspection and testing. If such inspection and testing finds no defect in the Product, the customer must pay Haigh Australia's usual costs of service work and testing.
4. The customer must bear the cost of the transport of the Product to and from Haigh Australia or the authorised repair agent to make the warranty claim, and all insurance of the Product.

EXCLUSIONS

The warranty will not apply where:

- (a)** the Product has been repaired, altered or modified by someone other than Haigh Australia or an authorised repair agent;
- (b)** the alleged defect in the Product is within acceptable industry variances;
- (c)** Haigh Australia cannot establish any fault in the Product after testing and inspection;
- (d)** the Product has been used other than for the purpose for which it was designed;
- (e)** the defect in the Product has arisen due to the customer's failure to properly use and maintain the Product;
- (f)** the Product has been subject to abnormal conditions, including environment, temperature, water, fire, humidity, pressure, stress or similar; or
- (g)** the defect has arisen due to abuse, misuse, neglect or accident.

The warranty does not extend to:

- (a)** damage or defects caused by normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

LIMITATIONS

Haigh Australia makes no express warranties or representations other than set out in this warranty. The repair or replacement of the Product or part of the Product is the absolute limit of Haigh Australia's liability under this express warranty.

CONTACT

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