

Product Guide & Instructions Recovery - Snatch Straps

PRODUCT OVERVIEW

Snatch Straps are made from high tenacity nylon webbing which provides a factor of elongation (stretch) under load that recoils almost back to its original length. The combination of strap elongation and recoil and the momentum of a leading recovery vehicle assists a stranded vehicle to be recovered, a technique known as “snatching”.

Extreme forces are generated during use and therefore correct attachment to each vehicle using appropriately rated attachments and recovery points are imperative for vehicle, driver and bystander safety. Always adhere to safe operating procedures and guidelines. When used in accordance with these guidelines, vehicles may be recovered with minimal risk of injury to people or damage to vehicles and equipment.



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

PRODUCT APPLICATION GUIDE

PART#	MBS	LENGTH	ELONGATION	GVM RANGE	APPLICATION SECTION
OASS6T9M	6T	9 meters	20% minimum	2.00T – 3.00T	small 4WD or un-laden utility
OASS8T9M	8T	9 meters	20% minimum	2.66T – 4.00T	laden utility or passenger wagon
OASS11T9M	11T	9 meters	20% minimum	3.66T – 5.50T	expedition laden wagon or wagon towing a caravan
OASS15T9M	15T	9 meters	20% minimum	5.00T – 7.50T	armoured wagon or heavy truck

- Minimum breaking strength (MBS) of the strap should be between 2-3 times the GVM of the lightest vehicle in the recovery.
- GVM (gross vehicle mass) calculated for recovery purposes as: the GVM (tare/curb weight) of vehicle plus any people, accessories or supplies carried and any caravans or trailers attached to the vehicle (combined, CGVM).
- “Application Selections” are broadly indicative only. Determine your GVM from vehicle compliance plate or manufacturers documentation together with any associated additional weight carried or towed.
- The maximum gross vehicle mass (MGVM) is the maximum operating weight of your vehicle (including load), as specified by the manufacturer. The MGVM less the tare weight of your vehicle is the maximum load that your vehicle can carry including people, accessories and supplies. MGVM is not the same as GVM/tare weight of the vehicle.

SELECTING THE RIGHT RECOVERY STRAP

It is very important that a correctly rated and selected snatch strap is used in a recovery. Ensure that the minimum breaking strength (MBS) of the strap is between 2-3 times the GVM of the lightest vehicle in the recovery. A correctly selected strap will be less likely to break and will have sufficient elongation under load, reducing potential risk of damage or harm to vehicles, equipment and people. A incorrectly matched strap (refer to above table) may break under load or may not elongate enough and may potentially cause damage to vehicles, recovery points and attachments, or injury to people. The GVM should be stated on the vehicle compliance plate or in the manufactures documentation.

MAINTENANCE & STORAGE

Engrained foreign material such as sand and grit can cause permanent damage to recovery strap fibres. Clean straps with warm mildly soapy water and thoroughly dry prior to storage for best life of your product. Inspect shackles for signs of damage or hard to turn pins (which may signify over-stressing) and replace if damaged. Inspect recovery straps for signs of cuts, abrasion or damage. A cut of 1cm may significantly reduce the strength of your strap by up 50% or more. Always coil recovery straps without kinks or twists for storage. Replace any damaged or suspect recovery equipment prior to your next trip.

PRODUCT LIFE

Recovery snatch straps are a consumable item and have a life expectancy. Industry opinions range between 8 & 25 recoveries per strap dependant on how well the strap is maintained and the usage that the strap is subjected to. Outback Armour recommend that damaged straps or rested straps exceeding no more than 9.5m in length (25% loss of stretch) should be discarded and replaced for safety reasons.

