

# Instructions > Radium Release Hitch Kit



The PMI Radium Release Hitch Kit is intended to be used in transferring tension from one part of a system to another part of the system. The 10 meters (33 ft) of 8 mm cord that are included in this kit allow the load to be safely lowered several meters.

**KT36074**

**Weight:** 1.8 lbs (816 g)

## INTENDED USE

- For use in rigging in a belay for a lowering or raising system, for example between a rope grabbing device (prusiks, cam, etc) and anchor.
- Rigging at the top of a haul system. Here it's purpose would be to allow the load to be transferred from one rope to another when passing a knot.
- Anywhere tension in a rope system needs to be transferred from one part of a system to another.
- The Radium Release Hitch Kit, when properly rigged, may add some shock absorbing properties to the belay system.
- Using this product in a manner inconsistent with the above uses is not endorsed by PMI.

## INSPECTION BEFORE USE

Always inspect all components of this Radium Release Hitch Kit before it is used. Check the carabiners to make sure that the gates open and close easily and that the gates lock securely. The 8mm cord should be inspected for wear. You should be familiar with tying a radium release hitch and confirm that it is properly tied before using this product.. You should establish a record of the inspections of this equipment. On page 2 is a sample inspection log. You may need to develop your own inspection log format depending on your needs.

## REMOVAL FROM SERVICE

If any component of the Radium Release Hitch Kit is damaged or shows significant wear, the entire kit must be removed from service until the damaged/worn component can be replaced by the appropriate item of equal or greater strength. If the kit is subjected to a significant impact load the entire kit should be retired and replaced. The carabiners in this kit should be replaced if they have been dropped from a significant height or exposed to heat sufficient to alter the appearance of the surface. If the carabiners have scratches or gouges that are more than superficial they should be replaced. Retired components should be rendered un-usable. If this kit has been exposed to potentially damaging chemicals or excessive heat, it must be removed from service and destroyed.

If this kit has been in use for 5 years it must be removed from service and destroyed, regardless of condition.

## INSTRUCTIONS

Remove cover before use. Confirm that the radium release hitch is properly tied. Attach the carabiner on the Münter hitch end of the radium release hitch to the belay anchor. Attach the load end of the radium release hitch to the part of the load to be released, such as a tandem triple prusik. Always make sure that carabiners are locked. The tail of the 8 mm cord in the radium release hitch is pre-tied to the anchor carabiner to help prevent loss of control.



To release the radium release hitch, untie the overhand-on-abight that secures the hitch. Maintaining tension on the Münter hitch, carefully untie the half hitch below the Münter hitch. Slowly feed line through the Münter hitch to allow the radium hitch to lengthen and lower the load. When the load has been transferred to the main line, re-secure the radium release hitch by tying a half hitch and an overhand-on-a-bight below the Münter hitch.

Reconfigure the Radium Release Hitch for use before storage. Tie the RRH so that the two carabiners are about the same width apart as the cover is wide. Use the small hook and loop fasteners to hold the carabiners in place for storage. Wrap the main part of the cover around the complete RRH and cord to protect the tied hitch from tangles and help keep it ready for quick deployment.

## PMI LIMITED WARRANTY

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