Pull Rope Replacement

Edge, Maxxum and Maxxum Pro Motors

Caution: Always wear safety glasses and gloves. Disconnect all power to the trolling motor before beginning any work or maintenance. Johnson Outdoors Inc. is not responsible for any damage due to improper rigging or installation. If you do not have the skills, experience and tools to perform the following maintenance and repairs, we recommend you seek the help of a Minn Kota Authorized Service Center. A list of Authorized Service Centers can be found at www.minnkotamotors.com/Authorized-Service-Providers/. Or contact our Technical Service Department by email at service@minnkotamotors.com or, by dialing 800-227-6433.

The p/n 2881601 pull rope kit is the replacement pull rope for Edge, Maxxum, Maxxum Pro. These instructions are in three sections. Section 1 covers installation on Maxxum and Maxxum Pro motors, Section 2 covers installation on Edge motors, and Section 3 covers pull handle installation. Note: for pull rope installtion on Riptide SM and many older Riptide models see section 1, for Riptide SE motors see Section 2. Many Older Minn Kota models also use this same rope assembly, but specific instructions for installation on them is not covered in these instrctions.

Section 1: Maxxum and Maxxum Pro Rope Installation

To complete this process you will need a side-cutter and a flat blade screwdriver or pry bar if the rope is broken.

To replace the rope on a Maxxum motor the mount needs to be either deployed or partially deployed. When replacing the rope on a Maxxum Pro mootr the mount needs to be partially deployed. A Maxxum or Maxxum Pro locked in the stow position can be released by moving the upper latch pin toward the bowguard (see Figure 1). Note, the lower latch pin will move with the upper pin to release the latch. To stow a motor that is fully deployed you will also need to release the latch system, the front edge of the latch system is visible at the front of the lower arm (see figures 2 and 3), moving it will require a flat blade screwdriver or pry bar.

Remove all remnants of the rope that is being replaced, this may require using a side cutter to cut the rope (see Figure 4).

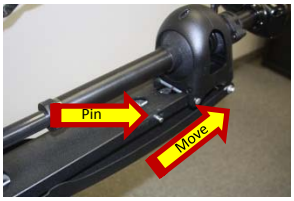

Figure 1

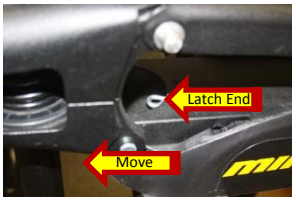

Figure 2

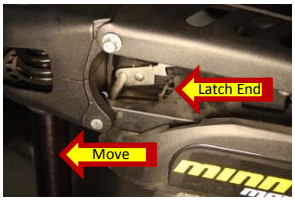

Figure 3

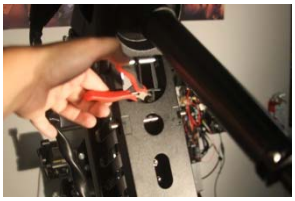
Figure 4

Run the tip of the replacement rope down throught the rope guide in the bowguard assembly (Figure 5).

Guide the rope so it runs between the lower pin and the bowguard assembly (Figures 6, 7, and 8).


Figure 5


Figure 6


Figure 7


Figure 8

On Maxxum motors tie the rope onto the metal loop that is the end of the latch mechanism using a figure 8 knot (See Figures 9, 10, 11, and 12).


Figure 9


Figure 10


Figure 11


Figure 12

On Maxxum Pro motors run the tip of the rope through the hole in the middle of the pin holder (see Figure 13). Place the eye washer on the rope, and tie an overhand knot (see figures 14, 15 and 16). Note: If the motor is either fully stowed or full deployed most of the pin holder will not be visible and it will not be possible to complete this operation.


Figure 13

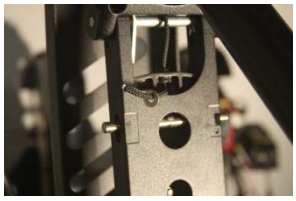
Figure 14


Figure 15

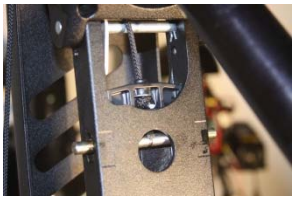
Figure 16

Section 2: Edge Motors Rope Install

To complete this process you will need a needle-nose pliers and side-cutter, and a flatblade screwdriver or prybar if the rope is broken.

Note: Removing the motor from the mount will make this procedure easier and safer; please refer to the instructions in your owner's manual for instructions on how to do this.

In order to access the rope installation points the mount will need to be between the stowed and deployed position. If the mount is in the deployed position, and the pull rope is broken, you can release the rear latch pin by pushing it forward with a flat blade screwdriver or pry bar (see Figure 17). If the mount is in the stowed postion, and the mount is broken, the latch pin can be released by pushing/moving the upper latch pin in the directeion shown in figure 18.

Remove all remnants of the old rope. Looking into the access window you can see the point where the rope is tied onto the latch bracket, use a side-cutter to cut the rope between the knot and the latch bracket (see Figure 19).

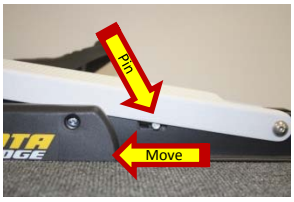

Figure 17

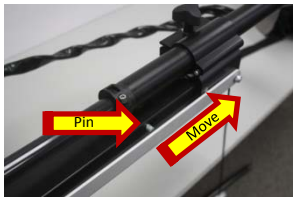

Figure 18


Figure 19

Position the rope guide so it is on the side of the bolt closest to the hinge door (see Figure 20). Run the replacement rope through the opening of the rope guide (see Figure 21).

Continue feeding the rope down, routing the rope between the hinge door and the lower hinge door pin (see Figure 22). Note, the rope uses this pin as a pivot point, if not routed correctly the rope will not operate the latch as intended (see Figure 23).


Figure 20


Figure 21


Figure 22

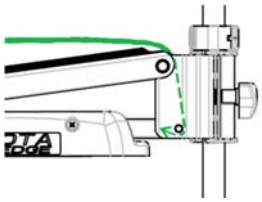
Figure 23

Guide the rope into the lower arm, directing it to the access window in the lower arm. Use a needlenose pliers to feed the tip of the rope through the opening in the latch bracket (see Figure 24). Pull out a loop of rope, use the end of the rope to tie a figure 8 knot around the loop (see Figures 25, 26, and 27). Pull tight.


Figure 24


Figure 25


Figure 26


Figure 27

This completes the rope installation; Section 3 shows how to install the handle.

Section 3: Handle Installation

Run the rope through the hole in the handle going from the smooth/rounded side toward the back side (see Figure 28). Place the eye washer on the rope (see Figure 29). Tie a figure 8 knot (see Figure 30). Pull tight (see Figure 31).


Figure 28


Figure 29


Figure 30


Figure 31

This completes the installation.