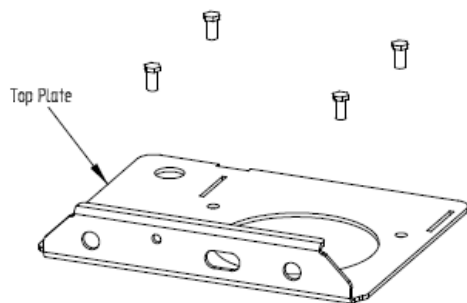
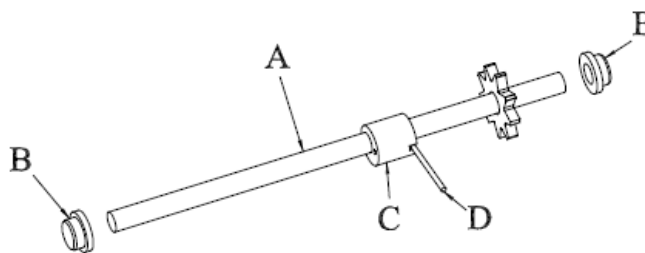


Installation Instructions

709KIT02 Limit Rod Replacement Kit

Kit Contents:

- A - Limit Rod
- B - 2 Bushings
- C - Limit Traveller
- D - Limit Trip Pin

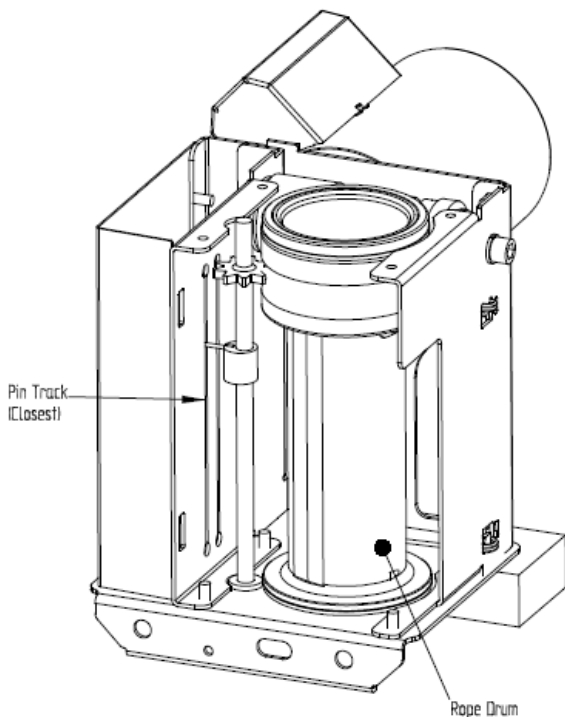


This is a simple straight forward process for replacing the limit rod on a Backstop Winch

*** Before you replace the limit rod make sure you remove the limit cover and set the limit switches as far apart as possible. If you are not sure how to do this please look at the instructions for setting the limits. ***

Required Tools and Materials:

- Scrap Piece of Wood - 2 x 4 works best
- Socket Wrench with 1/2" Socket



Installation Process

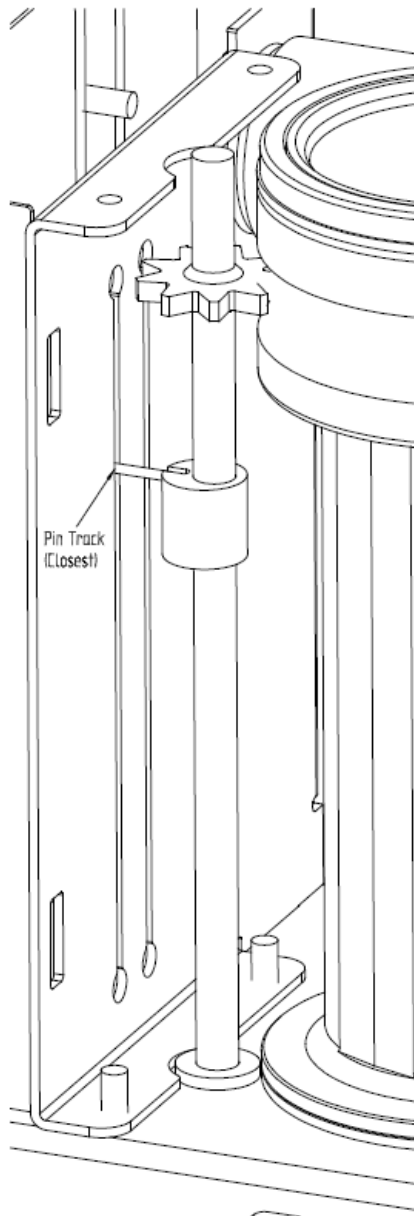
- 1 - Position the winch as shown. The following instructions are based on the winch being in this position. Place a block of wood under the motor plate so nothing is pushing against the rope drum (the silver metal ring coming through the plate).
- 2 - Remove the 4 bolts holding the top plate in place.

If you encounter any difficulties installing or servicing your 709 Backstop Winch, call your dealer or Porter 1-888-277-7779

PORTER

601 Mercury Drive
Champaign, IL 61822-9648
USA (800) 637-3090

INST709KIT02



3 - Push down on the rope drum (the silver metal ring) while removing the top plate. Doing this ensures the metal ring on the end of the drum does not come loose and release its bearings.

4 - Carefully remove the limit rod.

5 - Remove the white bushings from the top and bottom plates. Replace them with the bushings provided in the kit.

6 - Place the new limit rod by first resting (not inserting) the end without the drive gear on top of the white bushing, next to the rope drum on the bottom plate.

7 - Move the top portion of the rod into place by first meshing the drive gear teeth with the teeth on the top of the rope drum, while also guiding the limit pin (on the limit traveller) into the track closest to you (it should go through at a right angle).

8 - Carefully place the top plate back on the winch, making sure the rope drum is in its opening and the end of the limit rod fits into the white bushing. The top plate should sit flush on the two flanges it bolts into.

9 - Check that each end of the limit rod is sitting in its bushing, the drum is seated in its opening and the limit trip pin is in the track closest to you.

10 - Re-attach the top plate using the 4 bolts removed earlier. Tighten down firmly.

WARNING - Limits must be reset when installed. Go through the 00709 installation instructions as if this were a brand new installation.