

Instructions on NSC Power Ascender Type B

Title	Instructions
<p>Function</p>	<p>One-way clutch shaft kit is adopted for Type B. In that kit, the one-way clutch mounted on the shift holds the force to descend (wind down) applied to the power driver and shaft while stopping the power driver. Therefore, it can work without anti-reverse cam. (For your safety, make sure to lock the anti-reverse cam.) You cannot descend when the one-way clutch shaft is inserted in the shaft hole as it resists the force to descend (wind down). It is necessary to pull out the one-way clutch with shaft in the hexagonal component to descend (wind down).</p>
	<ol style="list-style-type: none"> 1. Mount an one-way clutch shaft ("shaft") to the power driver, and fix the shaft with firmly screwing the clutch of the power driver. 2. Conduct inspections before use for NSC Power Ascender ("NSCPA") and the power driver, apply fall prevention arrangements, and prepare for ascending (winding up). (Refer to User's Manual.) 3. Set a rope. (Ensure that the rope is firmly pushed in between the pulley rope guide and anti-reverse cam. If the rope was not properly set, it may enter the gap between the rope guide and pulley, the outside of it being fractured.) 4. Lock the anti-reverse cam. 5. Insert the shaft into the shaft hall of NSCPA. 6. Ascend by operating the power driver. 7. Wind the rope around the horn.

Usage

* If you remove the shaft without having wound the rope around the horn, NSCPA starts descending (winding down) and you may fall if you cannot stop the rope.

8. Unlock the anti-reverse cam. (As the one-way clutch holds the load, you can easily unlock the anti-reverse cam.)

9. Remove the shaft and body of the power driver.

(Ensure to descend (wind down) until the rope wound around the horn gets tensed.)

10. Loosen the rope wound around the horn to descend (wind down).

11. During stopping, wind the rope around the horn, otherwise lock the anti-reverse cam.

Note: For the use within the load of 1.35 kN (approx. 135 kgf)

Using LOV3 of TAZ enables you to descend by operating the LOV3 handle.

The hook of anti-reverse cam can be removed only when you use NSCPA with another descender.

If it is not smooth to insert or remove the shaft, apply a small amount of molybdenum grease to the tip of shaft while using silicone grease for the clutch (hex part).

Clean excessive grease to make sure those two greases won't get mixed.

For more information and support for maintenance, email to:
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