

Arrow 3S Click Release

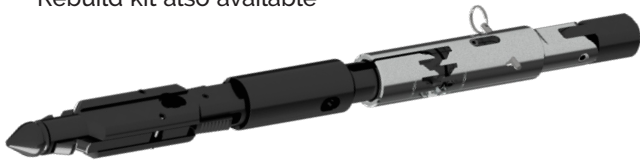


The Click Release is an improved overshoot release system, designed to work with the Arrow 3S Overshot. This positive-release system allows drillers to safely, efficiently and reliably release the overshoot in a borehole.

Click Release Features

The Click Release features safety mechanisms that prevent unexpected or premature release of the overshoot in the hole or when tripping your inner tube out of the hole. The design also dramatically increases the reliability of overshoot release at the bottom of the hole when compared to standard release sleeves, rendering the retrieval of stuck head assemblies less time consuming and less costly.

- Safer, more efficient and more reliable means of in-hole overshoot release
- Ideal for dry hole conditions
- Available in NH size
- Rebuild kit also available



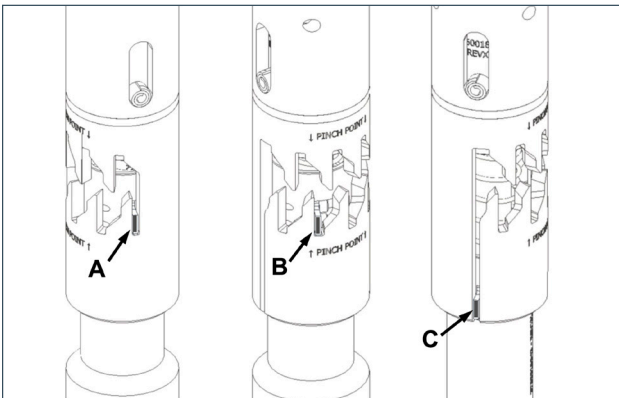
Part Numbers

Description	Part No.	Weight
NH-A3S Click Release assembly	3760018040	4,0 kg
NH-A3S Click Release rebuild Kit	3760018041	200 g

Tool Positions:

A3S Click Release has three positions:

A: Loaded **B:** Intermediate **C:** Released



Click Release Instructions

Resetting the Tool:

1. Hold the control sleeve and release sleeve.
2. Push and turn the release sleeve into the control sleeve to move the pawl to the loaded position

Lowering & Releasing the Inner Tube:

1. Reset the overshoot release to the loaded position and install safety pin.
2. Connect the overshoot to the head assembly and hoist inner tube up drill rig mast, inserting into drill string.
3. Remove safety pin before overshoot is fully inserted into drill string.
4. Lower inner tube down drill string to core barrel.
5. Pull up on the wireline with the drill rig approximately 1 – 2 feet.
6. Lower overshoot 1 – 2 feet quickly.
7. Repeat steps 5 & 6 approximately 6 – 8 times or until there is no resistance when pulling on the wireline to release the overshoot.
8. Remove overshoot from borehole.
9. Reset overshoot release to the loaded position and install safety pin for next use.

Retrieving the Inner Tube:

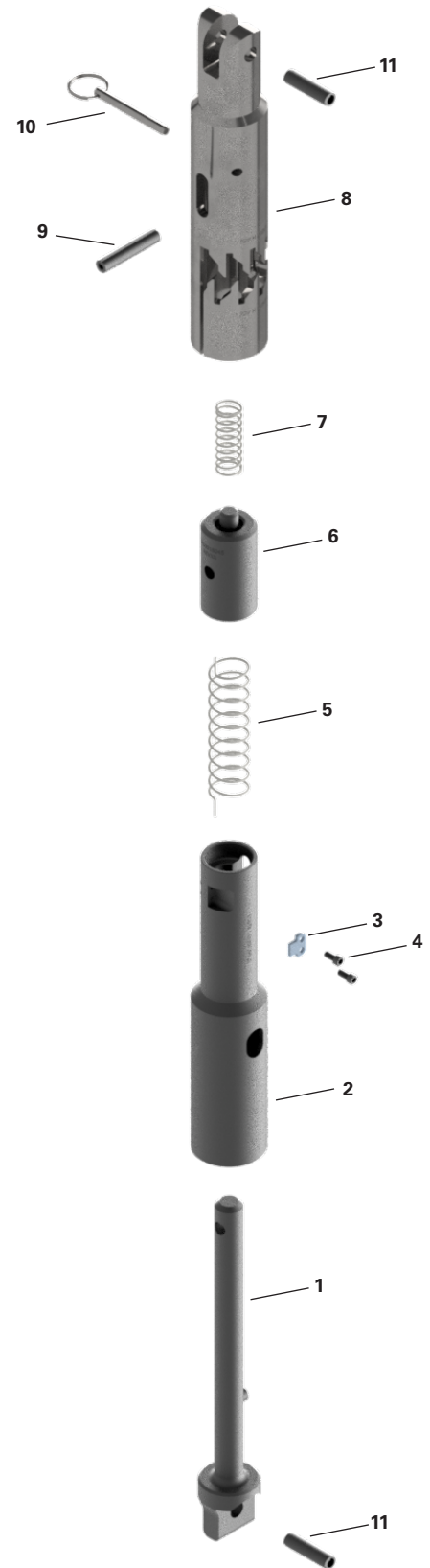
1. Reset overshoot release to loaded position and install safety pin.
2. Insert overshoot into drill string.
3. Remove safety pin before overshoot is fully inserted.
4. Lower overshoot down borehole and retrieve inner tube.
5. Before fully removing overshoot from drill string, verify pawl position and safety, then install safety pin. Continue removing inner tube.
6. On the ground, disconnect overshoot from inner tube, reset tool to loaded position, reinstall safety pin, and set aside for next use.

NH-A3S Click Release Assembly

Item	Qty	Description	Part No.
-	1	NH-A3S Click Release assembly	3760018040
1	1	NH-A3S CR plunger shaft	3760018044
2	1	NH-A3S CR release sleeve	3760018043
3	1	NH-A3S CR pawl	3760018046
4	2	Socket head screw - 8-32" X 0.375" Lg	3760018050
5	1	NH-A3S CR primary spring	3760018047
6	1	NH-A3S CR plunger head	3760018045
7	1	Compression spring - Ø0.72" X 2.00" Lg	3760018048
8	1	NH-A3S CR control sleeve	3760018042
9	1	Coiled spring pin HO 3/8"x2"	9469705241
10	1	Safety pin	3760017291
11	2	Spring pin coiled 7/16" X 1 1/2"	3760017260

NH-A3S Click Release Rebuild Kit

Item	Qty	Description	Part No.
Assy.	-	NH-A3S Click Release rebuild kit	3760018041
Includes	4	NH-A3S CR pawl	3760018046
	2	NH-A3S CR primary spring	3760018047
	2	Compression spring - Ø0.72" X 2.00" Lg	3760018048
	2	Coiled spring pin HO 3/8"x2"	9469705241
	8	Socket head screw - 8-32" X 0.375" Lg	3760018050
	1	Safety pin	3760017291
	2	Coiled pin - 7/16" X 1 1/2" Lg	3760017260
	2	Med/High strength threadlocker - 0.5ml	3760018051



WARNING

To reduce the risk of serious or fatal injury

- Always use the safety pin outside borehole
- Always put the device in "loaded" position outside borehole
- Use proper PPE and tools when manipulating the product
- Inspect the device before every use for worn or damaged parts
- Only use replacement parts supplied by Epiroc