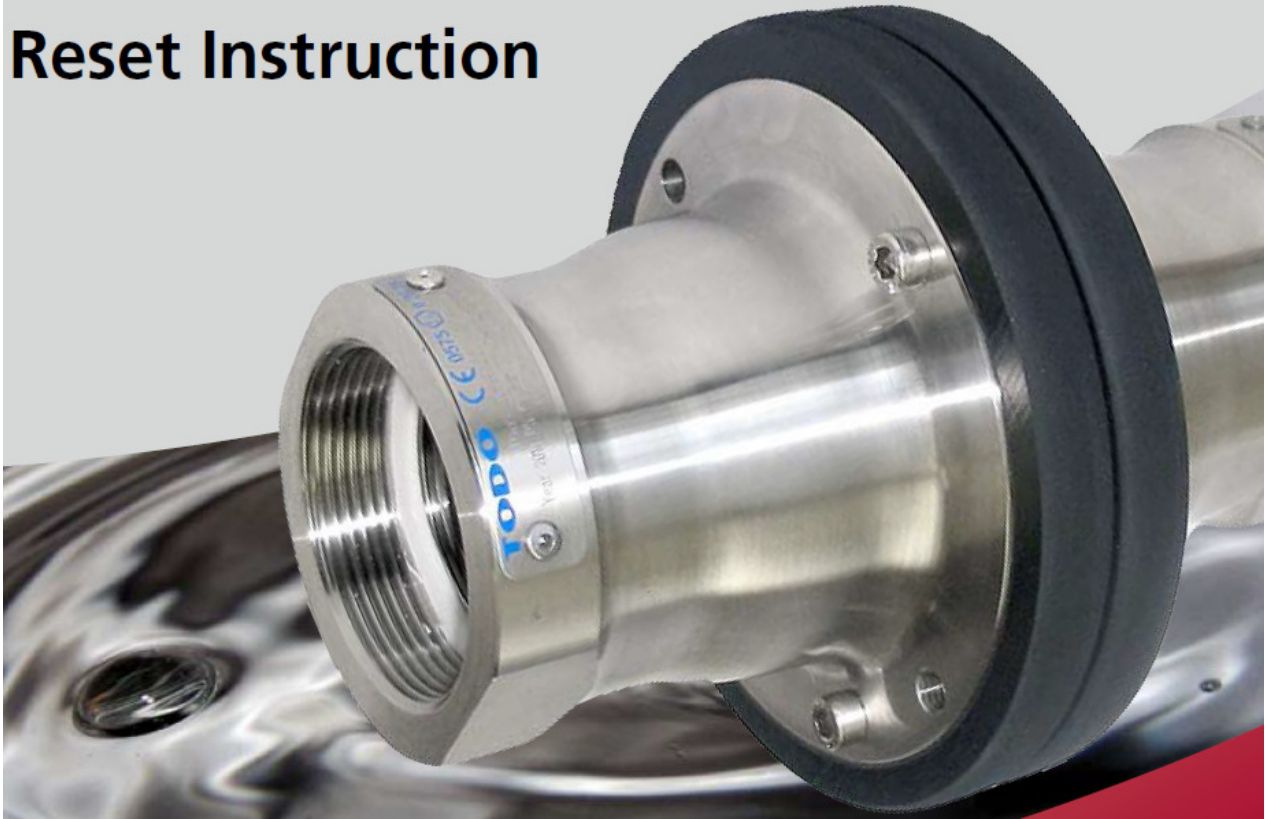


TODO®-Sicherheits-Abreißkupplung SAK/PTC

Reset-Wartungs-Anleitung

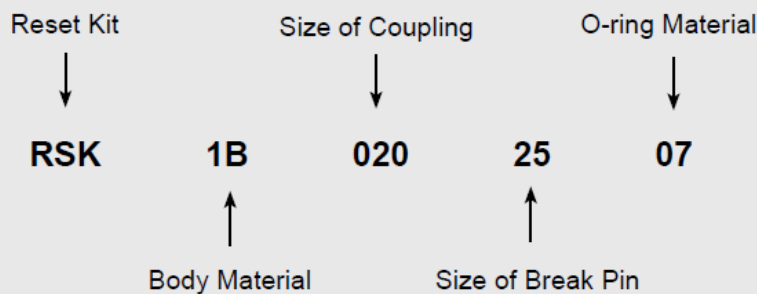
New version

TODO® Safety Break-Away Couplings 2 - 4" Reset Instruction



ARTICLE NUMBER FOR RESET KIT

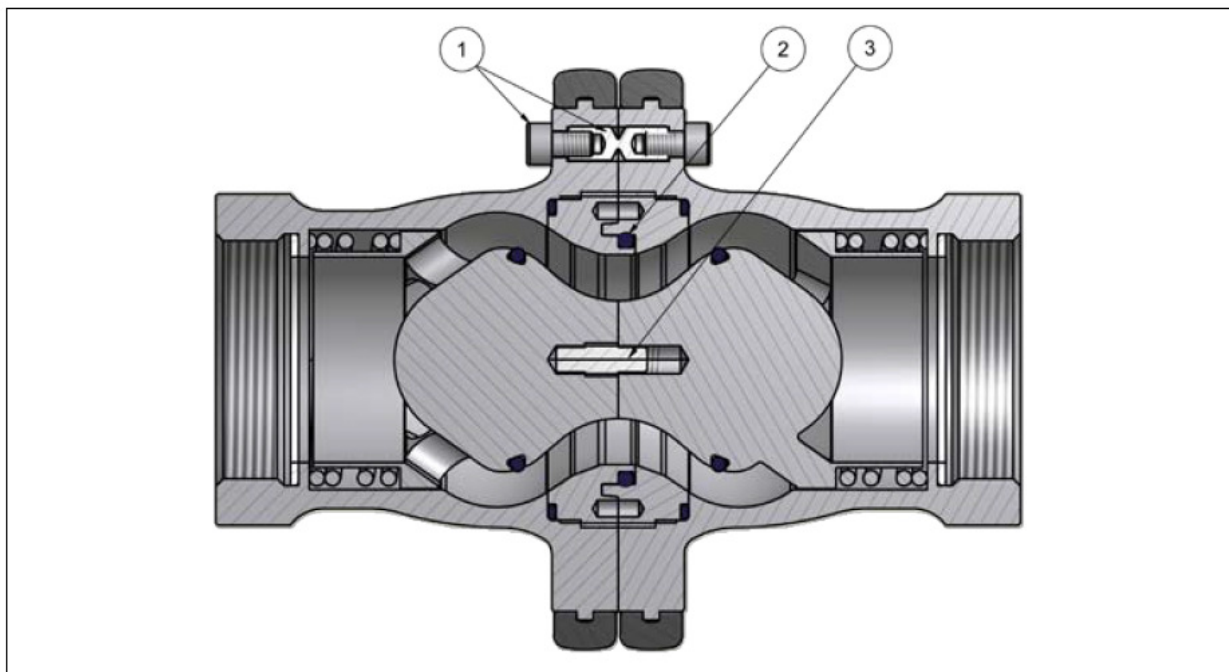
Example **RSK1B0202507**



TODO®

A Gardner Denver Product

RESET KIT



	Stainless Steel Size: 2"		Stainless Steel Size: 3"		Stainless Steel Size: 4"	
Pos	Article	Article No	Article	Article No	Article	Article No
1	3 x Break Pin Kit	1-2339-4/zz	3 x Break Pin Kit	1-2339-4/zz	3 x Break Pin Kit	1-2355-4/zz
2	1 x O-ring	1-8767-xx	1 x O-ring	1-5541-xx	1 x O-ring	1-2460-xx
3	1 x Guide Pin	2-2507-4	1 x Guide Pin	2-2507-4	1 x Guide Pin	2-2507-4

	Aluminium Size: 2"		Aluminium Size: 3"		Aluminium Size: 4"	
Pos	Article	Article No	Article	Article No	Article	Article No
1	3 x Break Pin Kit	1-2339-4/zz	3 x Break Pin Kit	1-2354-4/zz	3 x Break Pin Kit	1-2340-4/zz
2	1 x O-ring	1-8767-xx	1 x O-ring	1-5541-xx	1 x O-ring	1-2460-xx
3	1 x Guide Pin	2-2507-4	1 x Guide Pin	2-2507-4	1 x Guide Pin	2-2507-4

zz (Size of the Break Pin)	xx (O-ring material)	Body Material
25 = 2,5 mm	06 = Nitrile	1 = Aluminium
30 = 3,0 mm	07 = Viton	4 = Stainless Steel
35 = 3,5 mm	08 = EPDM	A = Casted
40 = 4,0 mm	23 = Chemraz 505	B = Bar
45 = 4,5 mm	Others on request.	

WORKFLOW SERVICE, DISASSEMBLING

Ensure that the coupling is clean and that the service is carried out in a clean environment

1.
Remove the breakaway from the installation.

2.
Remove the broken break pins.



3.
Thoroughly inspect the breakaway halves for any damage caused by the break. If any of the parts are damaged the coupling must be replaced.

4.
Remove the o-ring on the male part.



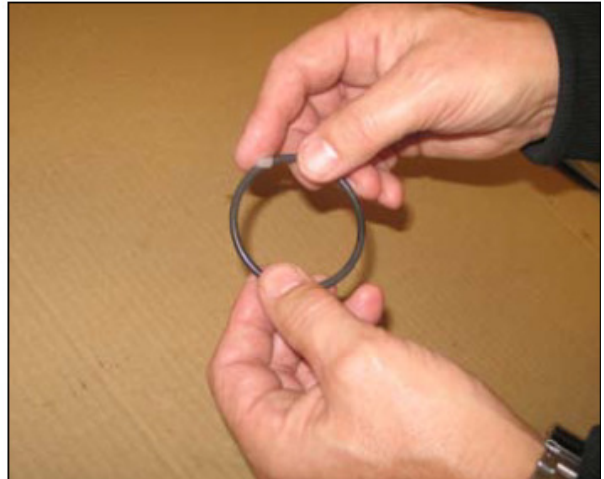
5.
Apply PTFE grease to the inside of the female piston seat.



6.
Apply PTFE grease to the o-ring groove on the male part.



7.
Coat the new o-ring with a thin layer of PTFE grease.



8.
Mount the new o-ring on the male part.



9.

Insert new break pins into one of the halves



10.

Apply Loctite 222 or similar to the break pins and Loctite activator 7471 or similar to the new screws to prevent screws from loosening.

Assemble the new screws by hand to temporarily fix the break pins.



11.

Replace the old guide pin on the male part with a new one.



12.

Female on the left and male part on the right.



13.

Check that the threaded hole in the male half flange aligns with the unthreaded hole in the female half flange.



14.

Press the male and female coupling halves together with the assembling screws or place them in a vice or a press.

Note! The coupling halves must be totally pressed together.



15 A.

Do not remove the coupling from the press or remove the assembling screws.

Use a torque wrench to alternately apply a moment of 3.5 Nm to each break stud screw (6 pcs).



15 B.

Note! Use a torque wrench on both sides of the coupling.



16.

NOTE! Remove the assembling screws or remove the coupling from the press.



17.

Before re-installing the breakaway coupling, perform pressure test with air or nitrogen at 2 bars and check for leakage.