

Instruction manual

Translation of the original manual



Product

Serial no: 2021-DDA-21

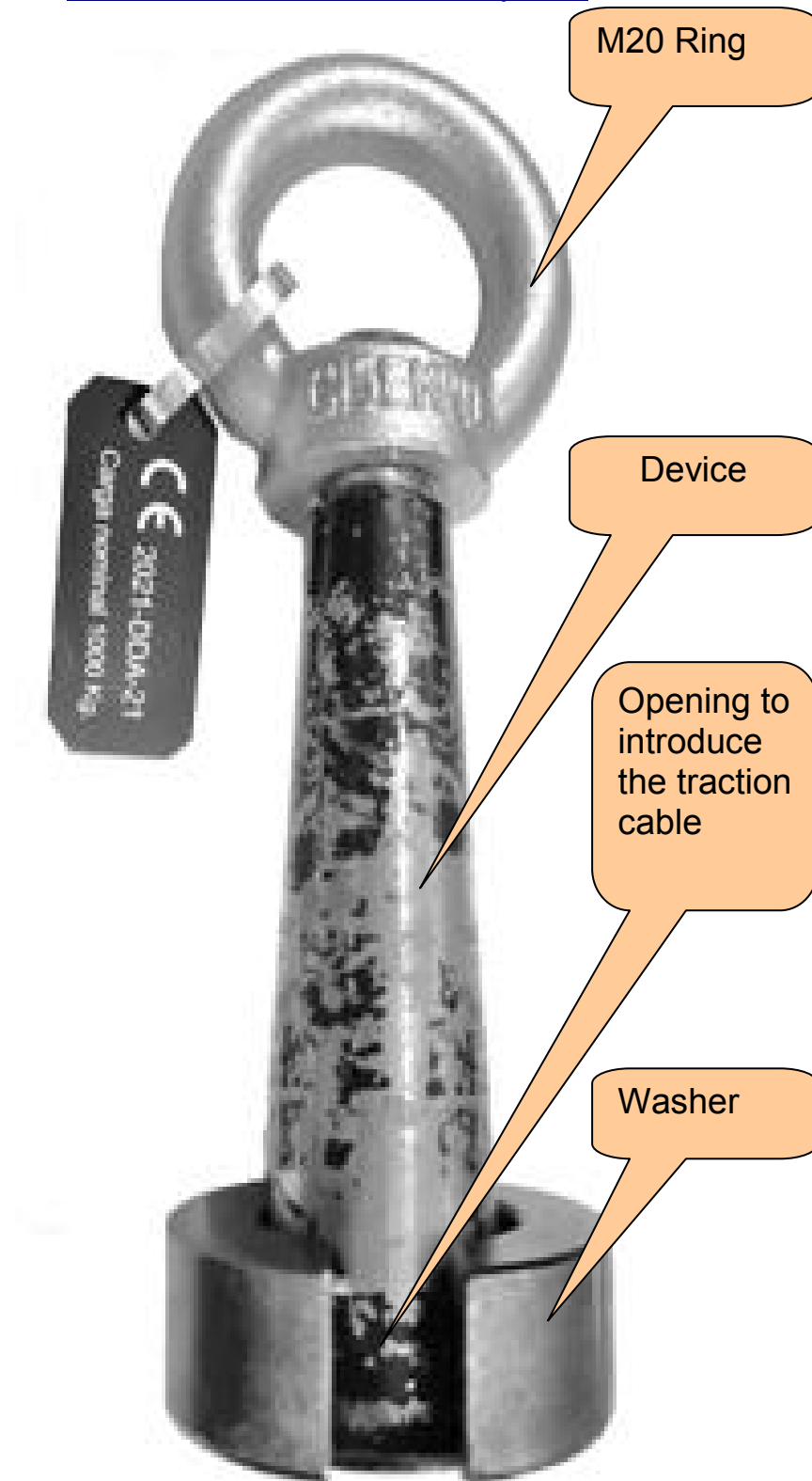
Trade name: DDA

Device for breaking electric elevators with a machine room, both above and below, without a machine room with traction and hydraulic cables that do not have a jack to raise the cabin, up to 1,000 kilos.

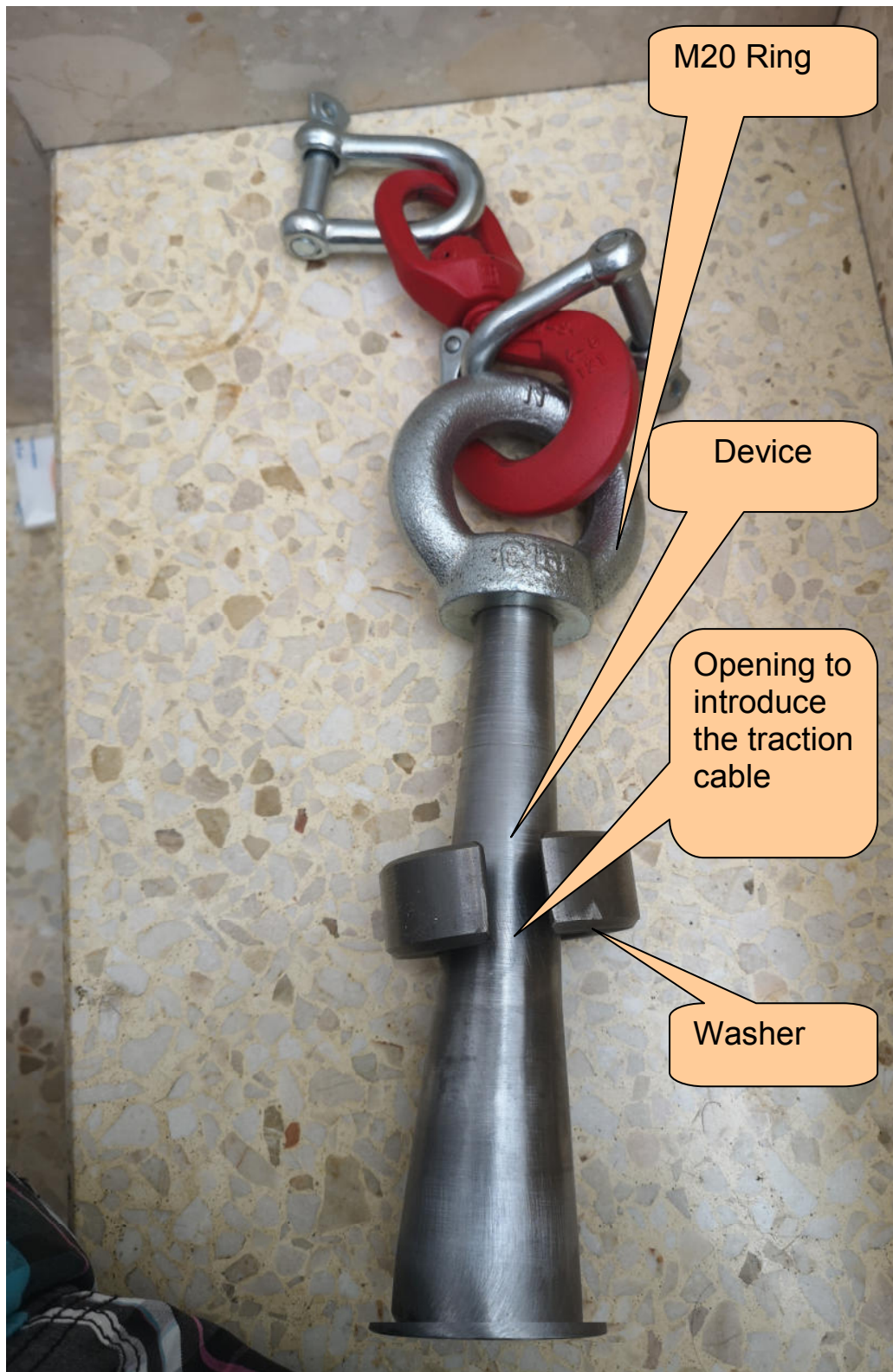
Pack components



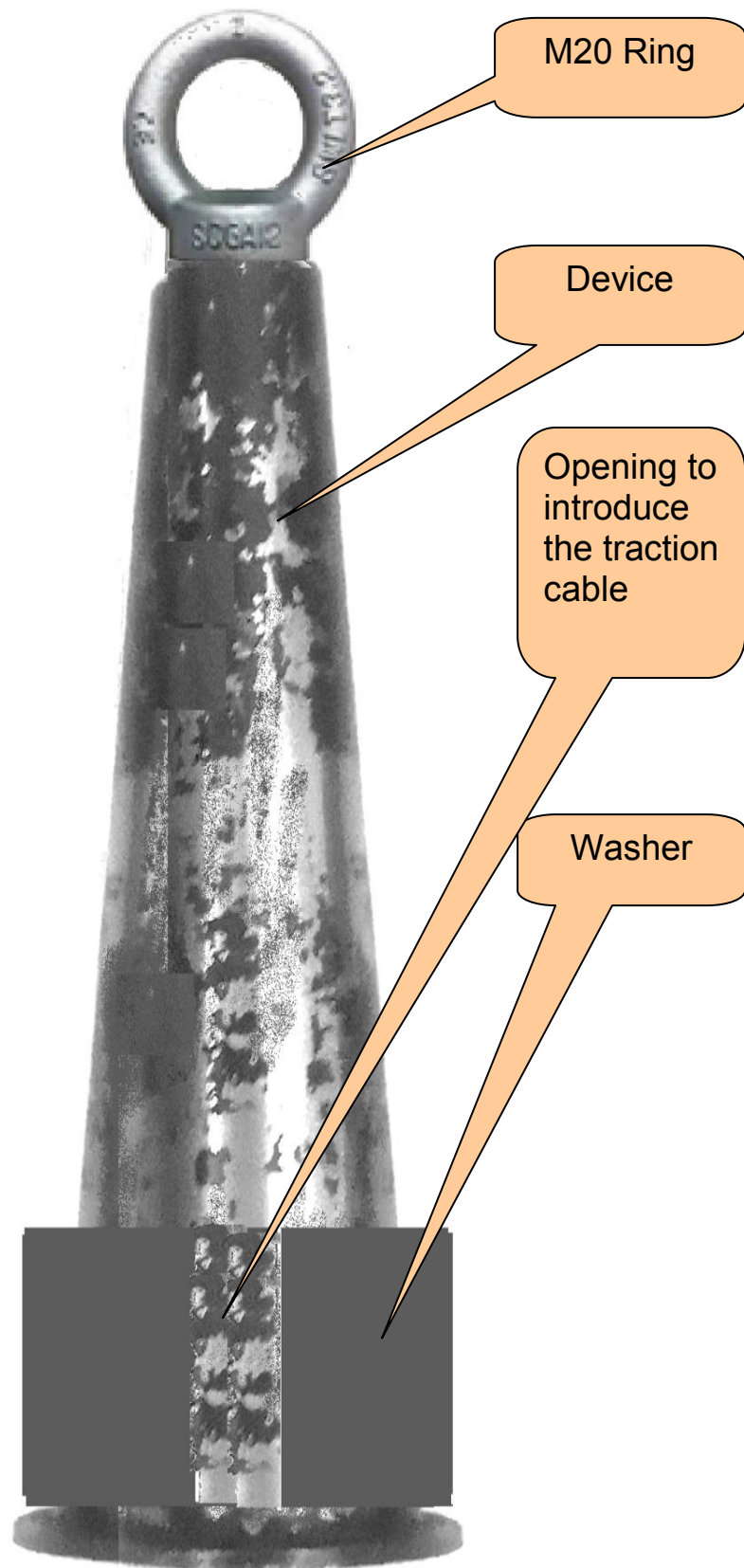
Nomenclature of device parts

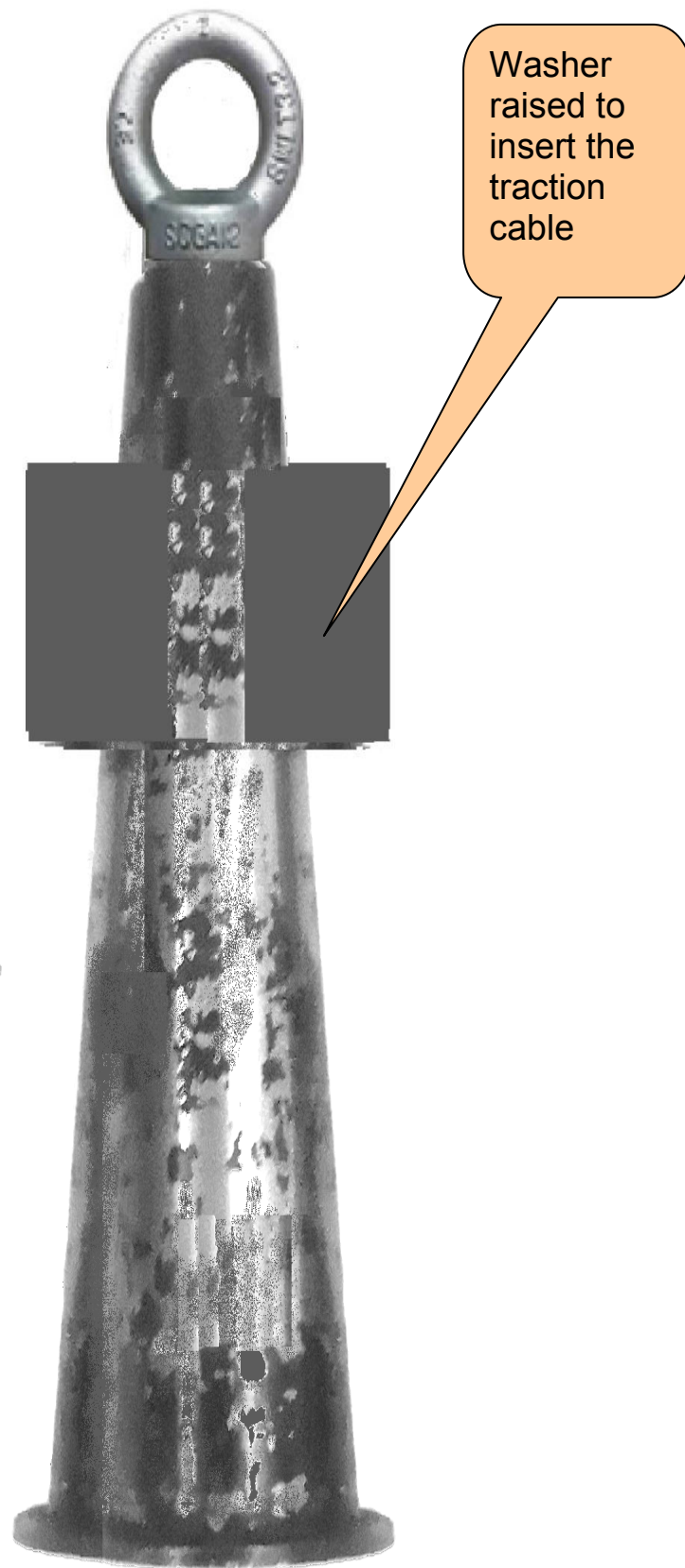


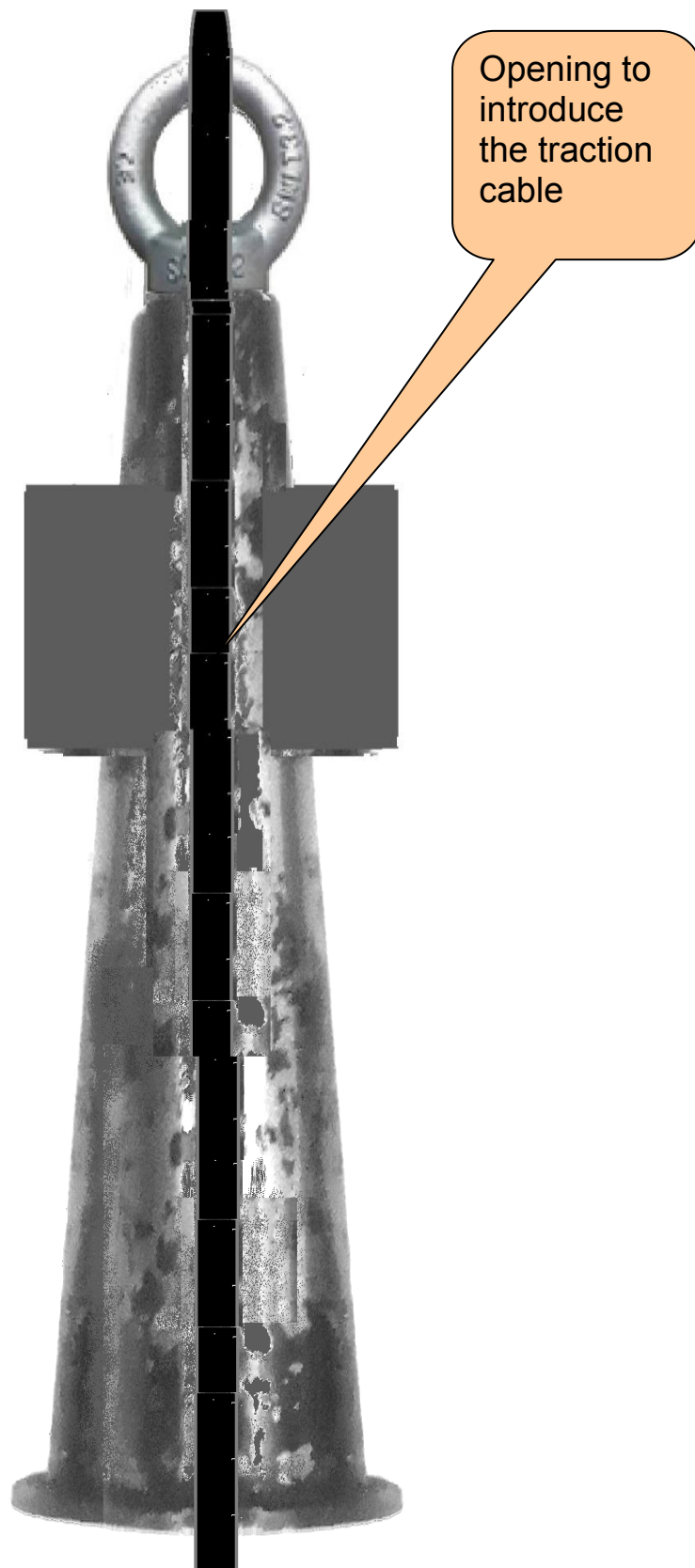
Device example

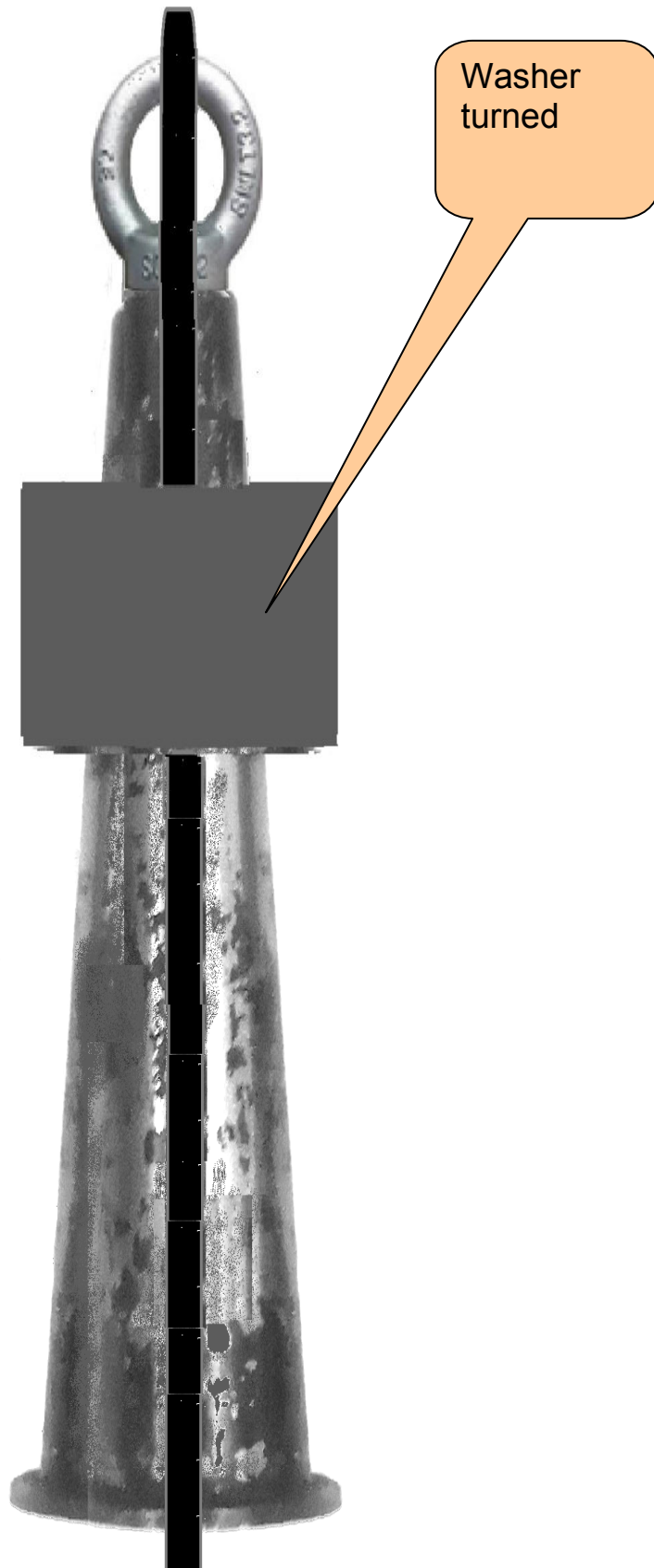


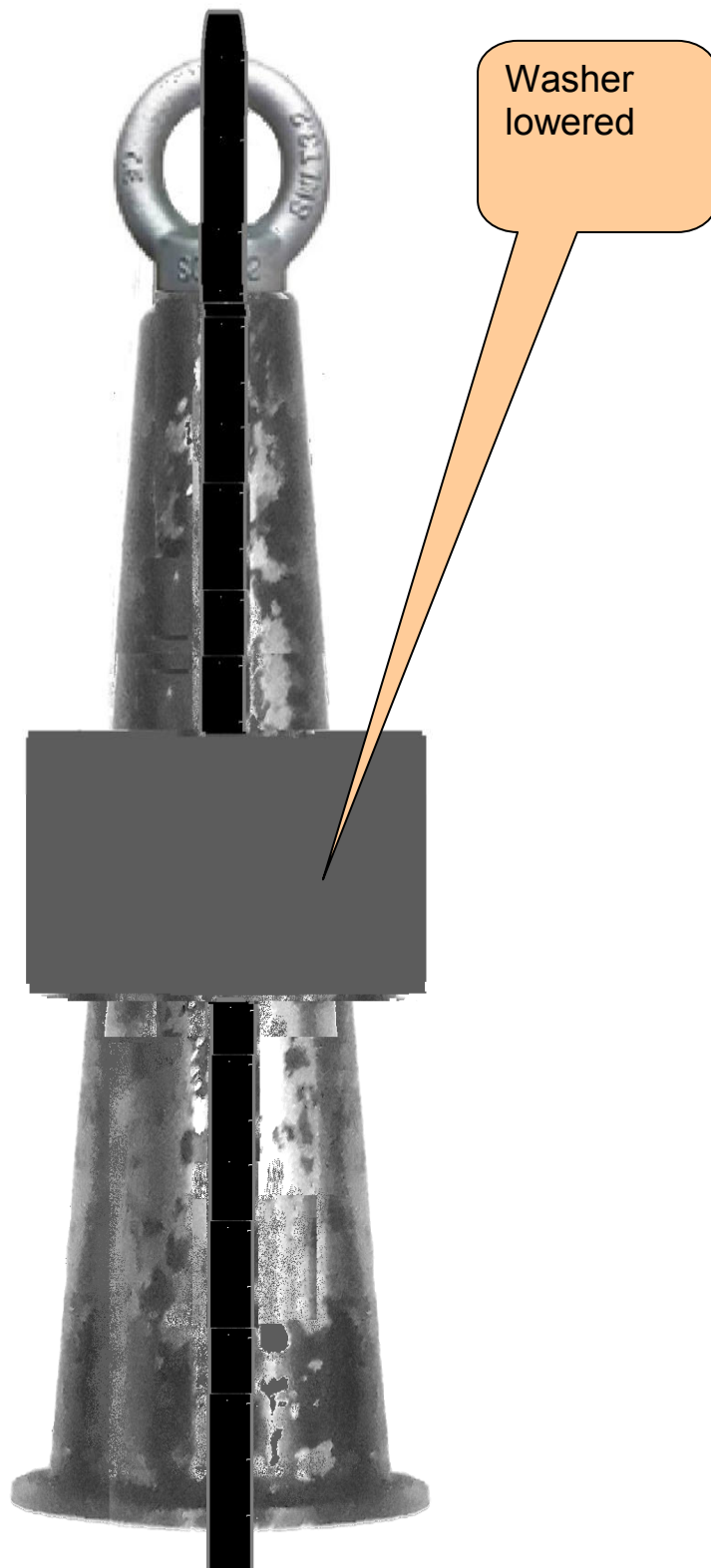
Device example











Steps to follow to use with the machine room above

It is assumed that we have already cut the power or the elevator series.

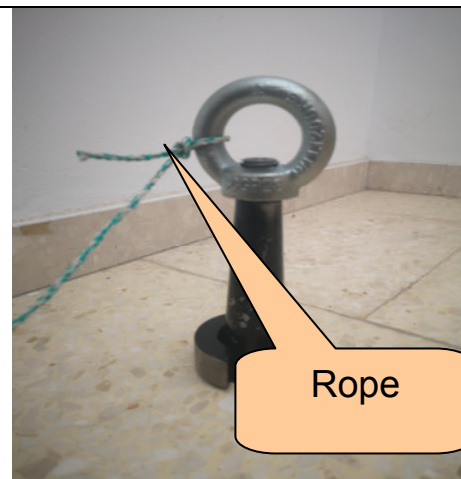
- 1) If the drive pulley is protected and it hinders the work, remove the protection



- 2) Check that the M20 ring is tight to prevent the device from falling into the hole



- 3) Tie the rope to the M20 ring to avoid dropping the device into the hole

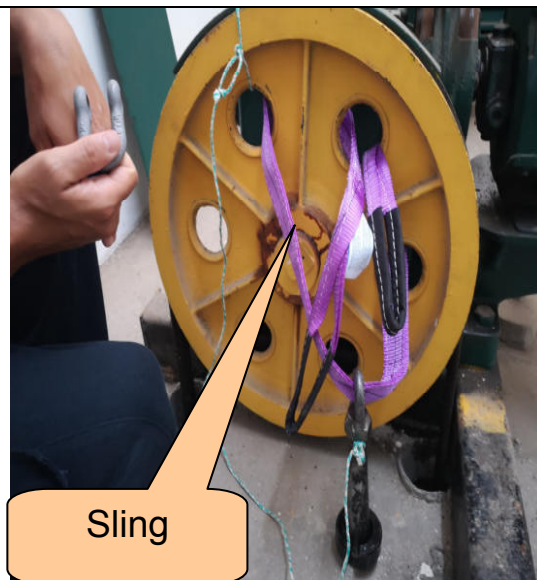


4) Secure the rope to avoid the device falling into the hole

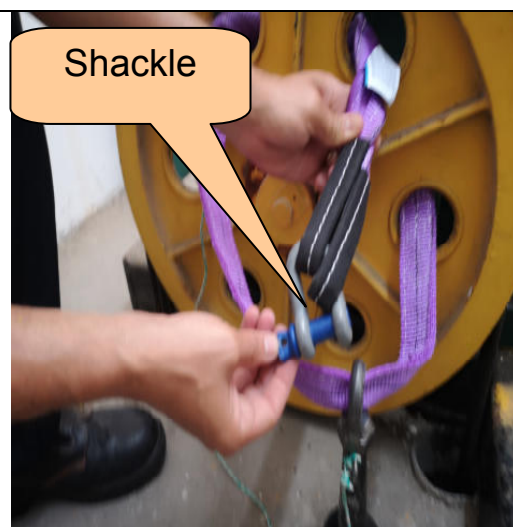


5) Pass the sling through the M20 ring of the device and in turn through the drive pulley holes

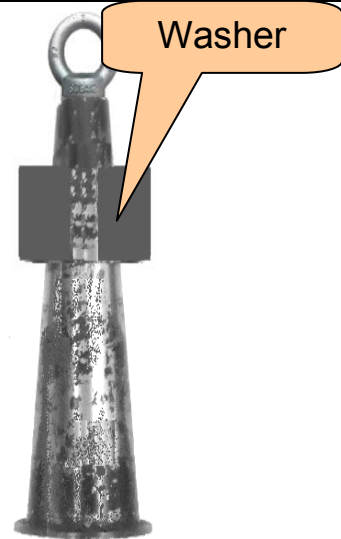
Take the sling that best adapts to the workspace on the drive pulley



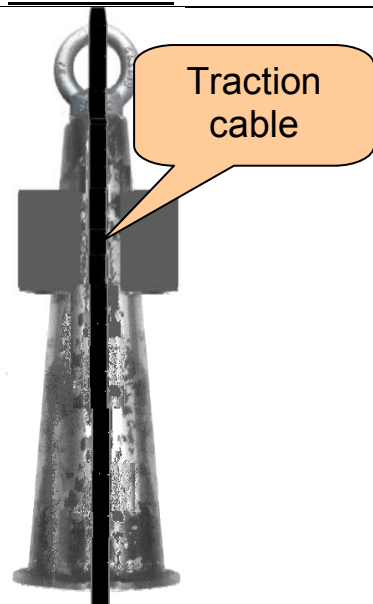
6) Fix the sling with the shackle



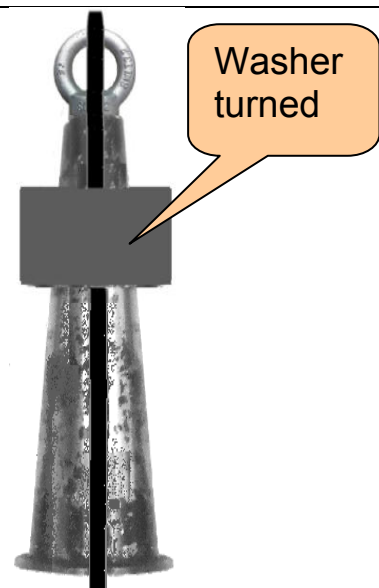
7) Raise the washer high enough to insert a traction cable



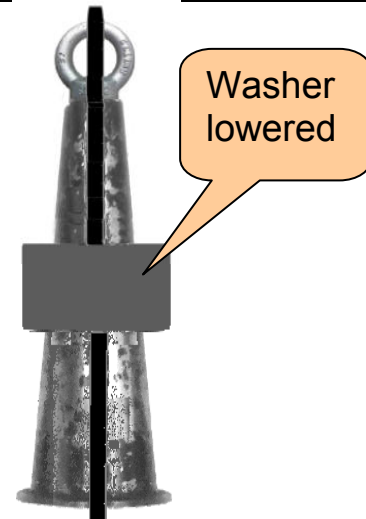
8) Insert a traction cable into the washer and turn it so that the cable does not come out



9) Lower the washer as much as possible



10) Lower the washer as much as possible



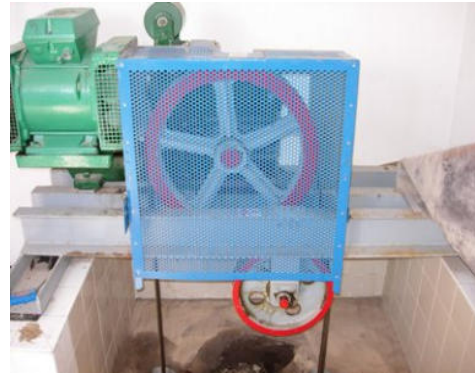
11) Beginning of the operation of the elevator car upward movement



12) Device disassembly and rescue of the person



13) If we have removed the drive pulley protection, put it back in place



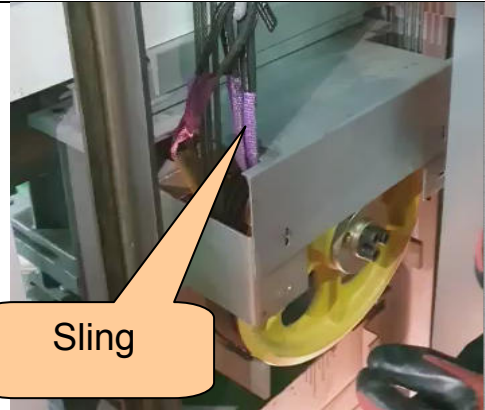
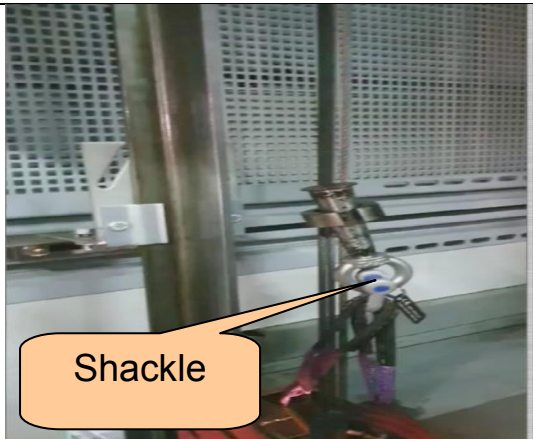
This device can also be used in an electric elevator with a machine room below.

Steps to follow to use with the machine room downstairs



The steps to follow will be the following.

It is assumed that we have already cut the power or the elevator series.

1) If the drive pulley is protected and it hinders the work, remove the protection	
2) Pass the sling through the M20 ring of the device and in turn through the drive pulley holes Take the sling that best adapts to the workspace on the drive pulley	
3) Fix the sling with the shackle	

The rest of the steps are the same as in an electric elevator with a machine room above.

Leave the elevator stopped until the arrival of the Maintenance Technician.

Remember that you have to check all the doors even if we have not opened them, leave the elevator disconnected and, if the Maintenance Technician comes, tell him what has been done and, if necessary, to take control of it, because he is the professional. Please collaborate with him if necessary.

This device is designed for breaking electric elevators with a machine room, both above and below, without a machine room with traction and hydraulic cables that do not have a jack to raise the cabin, up to 1,000 kilos.

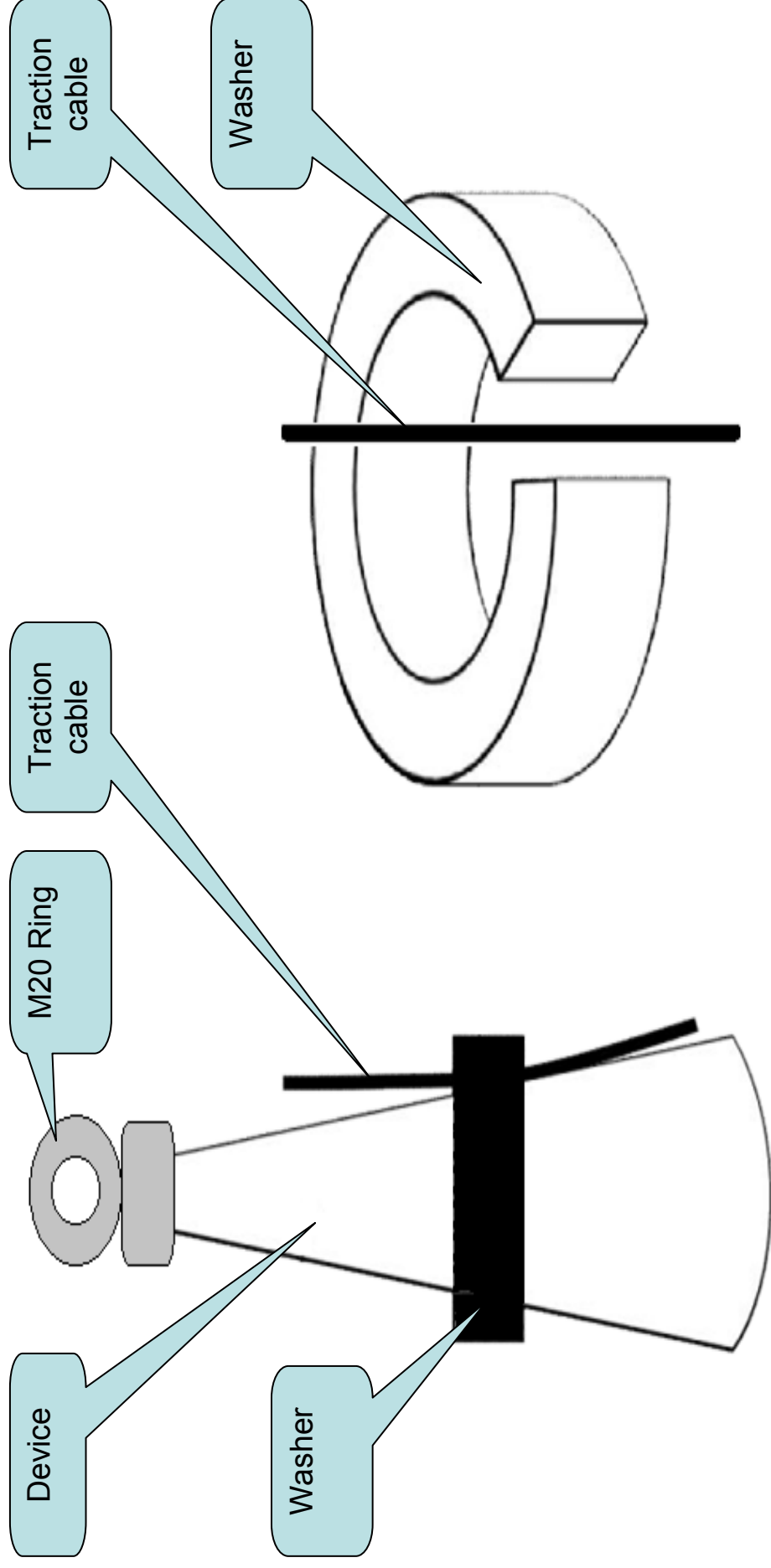
Product efficacy:

At a lifting height of ± 5 cm, the elevator is disengaged, which is the objective being pursued.

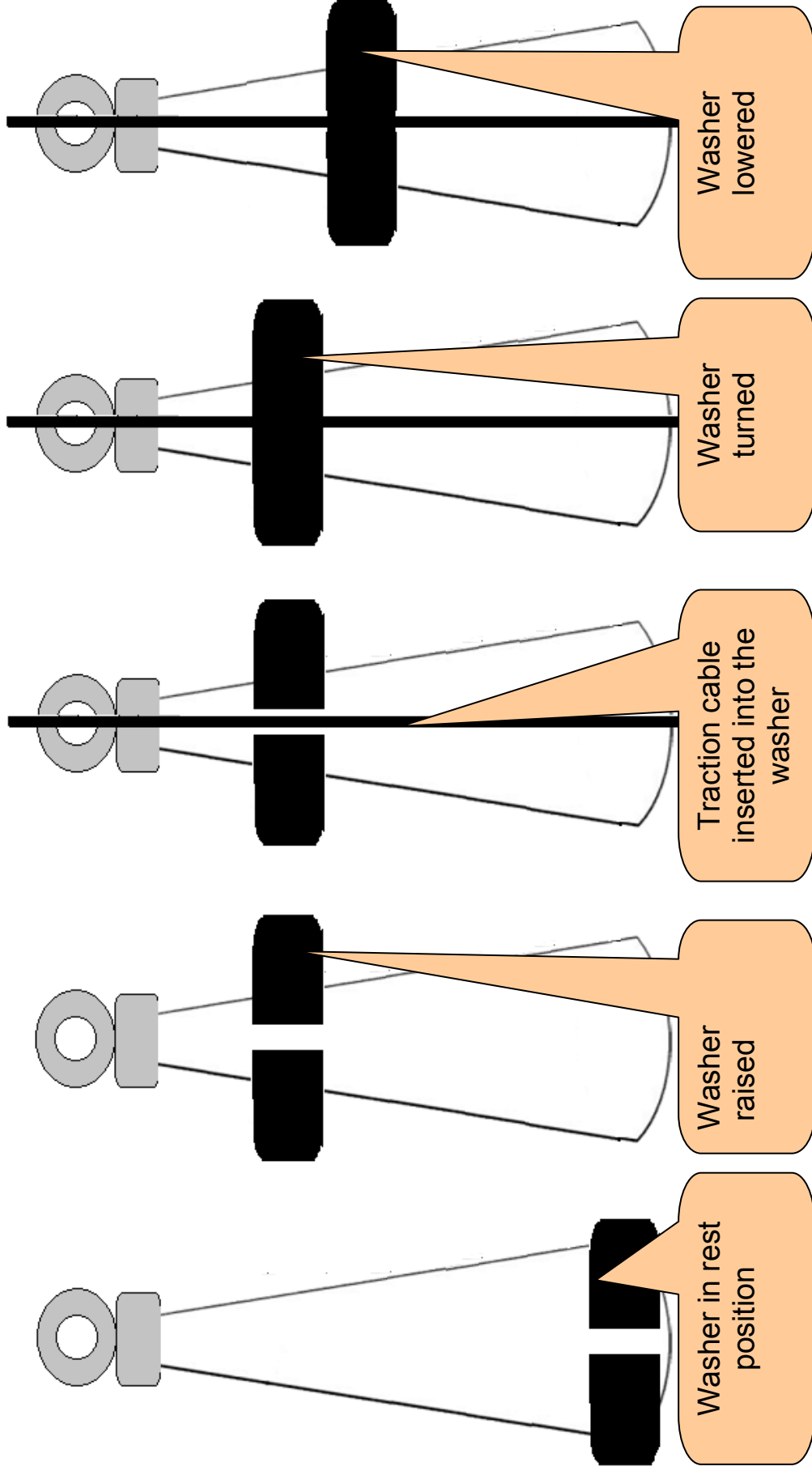


Serial no.: 2021-DDA-21
Tradename: DDA
Device for uncoupling machine room electric elevators, both above and below up, without a machine room with traction and hydraulic cables that do not have a jack to raise the cabin, up to 1,000 kilos.
The indicated product complies with the relevant Community harmonization legislation:
Directive 2006/42/EC EN ISO 12100-:2004/A1:2010. Safety of machinery. Basic concepts, general principles for design.
CEN EN 12644-1: 2001 + A1: 2008 CEN EN 12644-2: 2000 + A1: 2008 Suspended load lifting devices. Information for use and testing.
CTN 58 - Lifting and transport machinery. Standard lifting devices (hoists and accessories), manually or mechanically operated.
RD 1644/2008. Standards for the marketing and commissioning of machines.
UNE-EN ISO 12100: 2012 Safety of machinery. General principles for design, evaluation and reduction of risk.
EN ISO 14121-1 Safety of machinery. Risk assessment.
UNE-EN ISO 12100:2012 a) Functional capability and without risk for people.
CMU (Maximum Use Load): 1,000 kilos.

Drawing of device components



[Drawing engine room upstairs](#)



[Engine room upstairs](#)



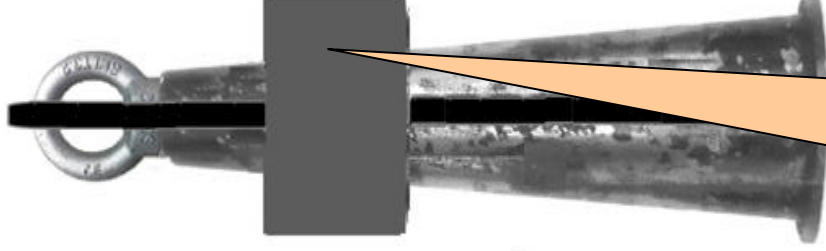
Washer in rest position



Washer raised



Traction cable inserted into the washer

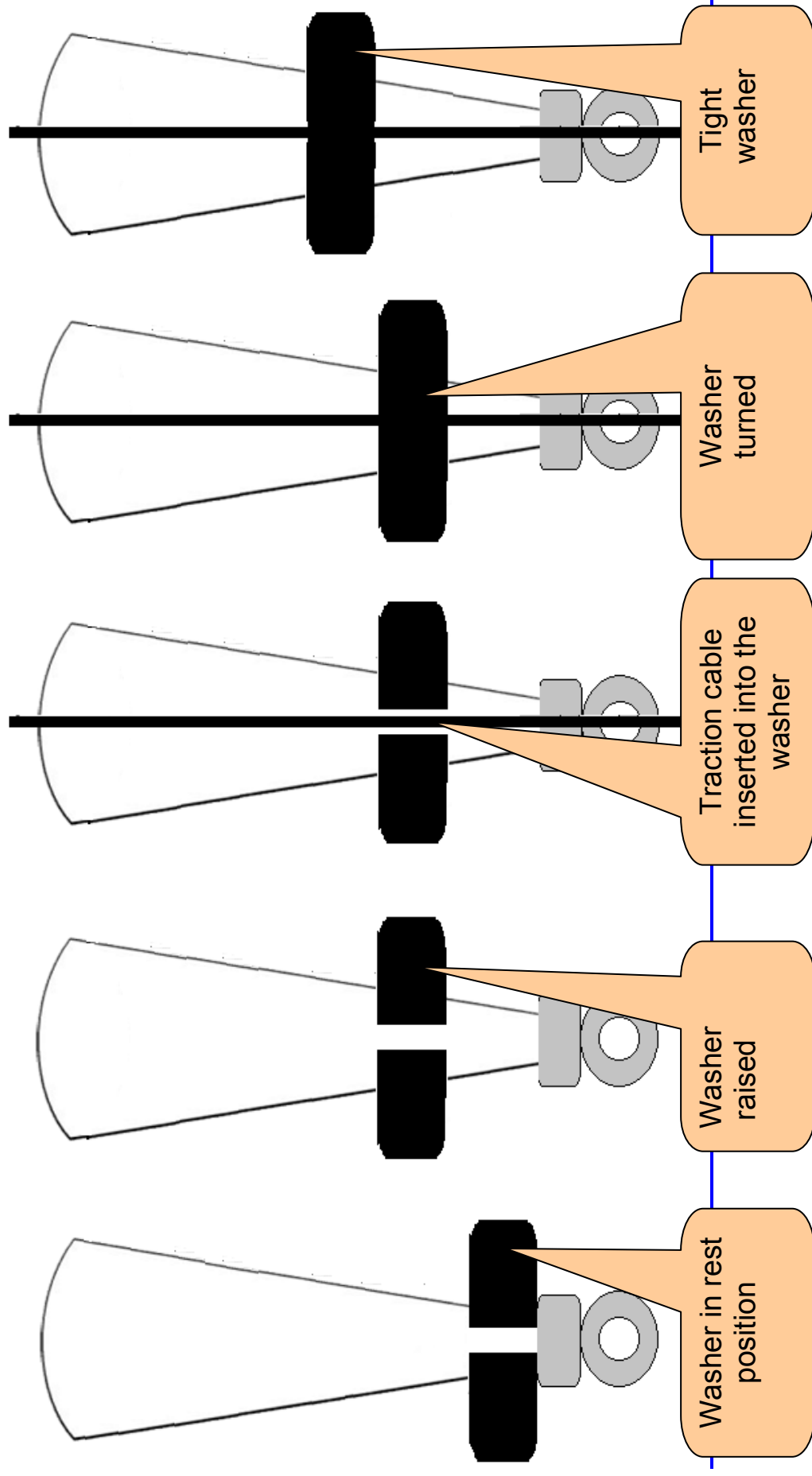


Washer turned



Washer lowered

[Drawing engine room downstairs](#)



[Engine room downstairs](#)

