

# GORE™ DC TOOL REPLACEMENT ASSEMBLIES FOR ATLAS COPCO TOOLS (STRAIGHT, SWIVEL\*)

## Summary

For over 10 years, W.L. Gore has been providing high reliability cable solutions for Industrial Hand Held Devices. The random, repetitive movement of today's Hand Held Devices challenge cable manufacturers by combining signal integrity with high tensile loads, torsional and tic toc flexing.

At Gore, we utilize our materials, design and assembly expertise to provide complete cable assemblies that maximize service life for these demanding applications.

## Features and Benefits

- Plug and Play Replacement Assembly solution
  - Optimized round cable design
  - Increased flexibility and durability
  - 360° uninhibited movement
  - Reduced stress on cable, tool and end user
- Advanced strain relief design
  - Minimized premature connector failure
- Increased reliability
  - Lowered production downtime
  - Lowered overall operating costs
- Advanced EMI shielding design
  - Provides full shielding while maintaining maximized flexure
  - Reduced torque force on cable, tool and end user
- **Replacement for Atlas Copco Part Nr. 4220 0982 - XX**



GSC-10-23947-00

### \* Swivel ±170° twisting capability on tool connection

- absorbs constant twisting and turning on the cable
- better ergonomics
  - easy handling
  - less strain on wrist of user
- better safety
  - less loops in cable while working

Cable Assembly Options	
GORE Part No.	Length [m]
GSC-10-23947-01	1
GSC-10-23947-03	3
GSC-10-23947-05	5
GSC-10-23947-07	7
GSC-10-23947-10	10
GSC-17-23589-06	GORE DC Tool Assembly Repair Kit

Technical Specification	
Operating Voltage	
Power/Signal	600V RMS / 300V RMS
Test Voltage	
Power/Signal	3500V RMS / 2000V RMS
Specific Insulation	
Resistance	> 100MΩ x km
UL Certification	UL Style 20319
Operating Temperature Range	-30°C to +90°C
Oil resistance acc.	
DIN VDE 0472 Part 803	ASTM Oil 1 to 3
Jacket material	Polyurethane
Abrasion acc. DIN 53516	104mm <sup>3</sup>

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