

Wolf ATEX LED Torch Range Operation and Maintenance Instructions – please retain

EC Declaration of Conformity

The Wolf ATEX LED Torch Range meets all relevant provisions of the 94/9/EC (ATEX Equipment) Directive by virtue of the issued EC type examination certificate, demonstrating compliance with all relevant harmonised standards and essential health and safety requirements.

Wolf ATEX LED Torches are self contained primary cell powered torches with high power LED light sources, moulded in high impact strength plastic. The TR-40 and TR-40+ are approved as Group I, M2 equipment for mining applications and Group II, Category 2 equipment for use in Zone 1 & 2 potentially explosive gases, vapours, mists and dusts where approval code temperature class of specific cells apply. The TR-45 is approved as Group I, M1 equipment for mining applications and Group II, Category 1 equipment for use in Zone 0, 1 & 2 potentially explosive gases, vapours and mists, where approval code temperature class of specific cells apply.

Do not open torch in Ex Area.
If replacing TP-288 the switch must be in the off position to prevent damage to the switch contact.
Do not mix cells, immediately remove used cells to avoid leakage.
Do not use rechargeable cells.
Damaged equipment should be repaired before further use.
When in use ensure lens ring and end cap are screwed up tightly at all times.

TR-40/TR-40+ Zone 1 LED: Ⓔ I M2/II 2 GD Ex ib I/IC T4/T3 tD A21 IP67 T85°C (Temperature ambient -20°C to +40°C)

TR-45 Zone 0 LED: Ⓔ I M1/II 1 G Ex ia I/IC T4/T3 IP67 (Temperature ambient -20°C to +40°C)

Caution – Polycarbonate lens, check atmosphere in Ex area.

Notified Body: Baseefa Ltd., Rockhead Business Park, Staden Lane, Buxton, SK17 9RZ, UK.
Notified Body No. **1180**

EC Type Examination Certificate:
Baseefa07ATEX0091

Harmonised standards applied:
EN60079-0:2009 (+EN60079-0:2006 & EN61241-0:2006)
EN60079-11:2007 (+EN50020:2002)
EN60079-31:2009 (EN61241-1:2004)

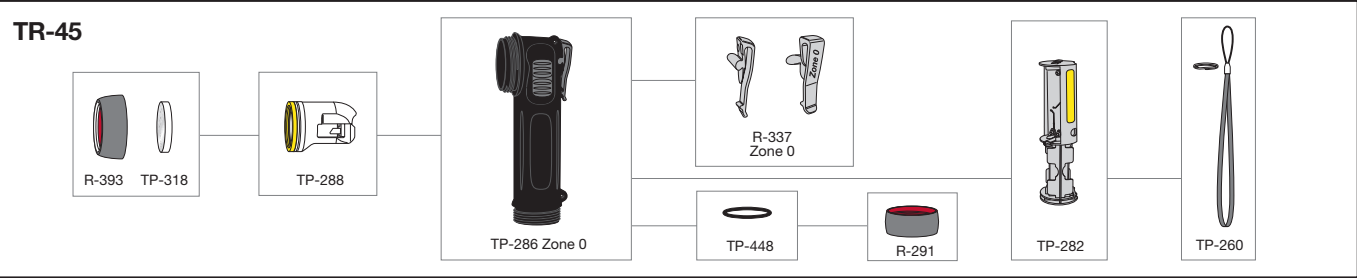
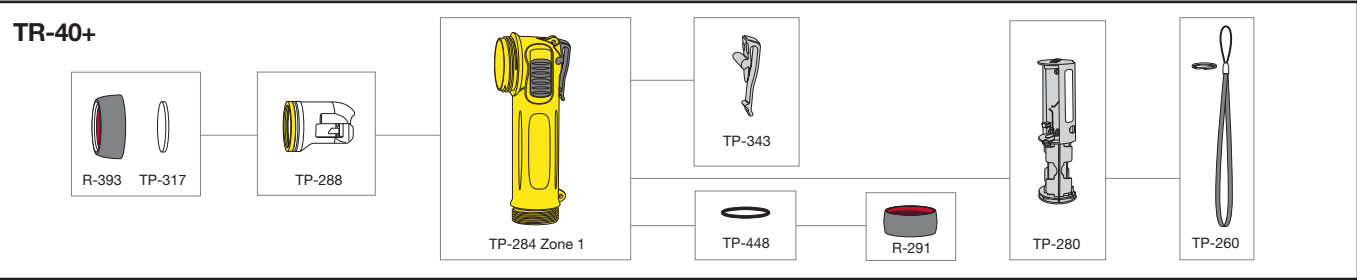
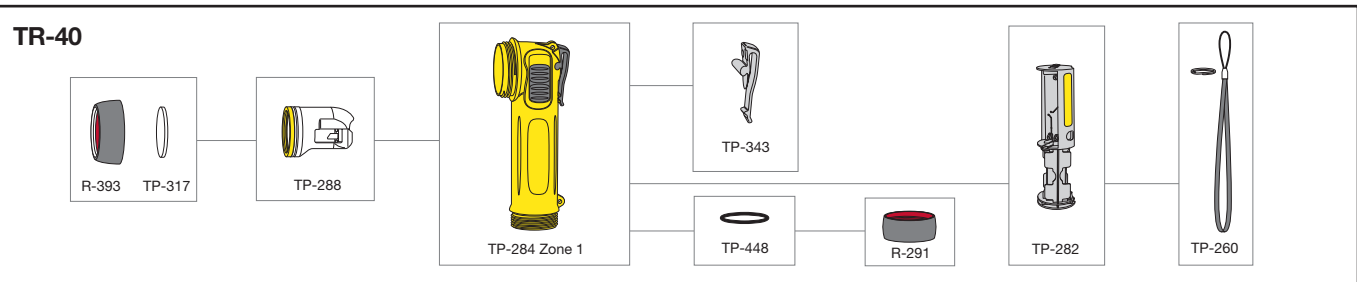
Ingress protection level: **IP67** to EN60529:1992

The product is CE marked showing compliance with all relevant EC directives.

Alex Jackson – Technical Director
Wolf Safety Lamp Company Ltd

Use only genuine Wolf replacement parts

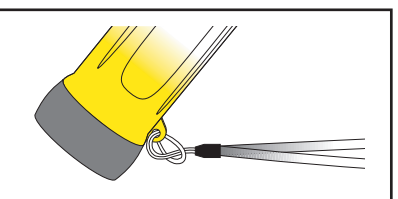
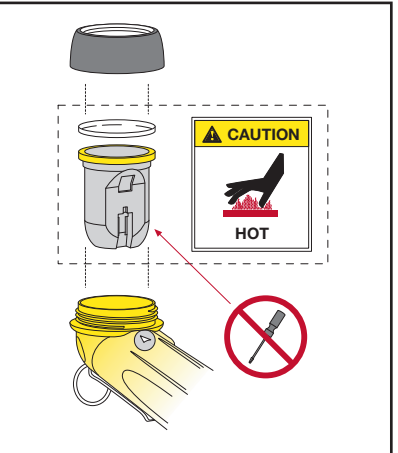
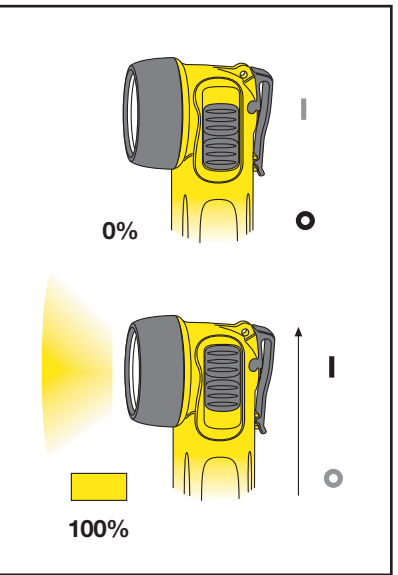
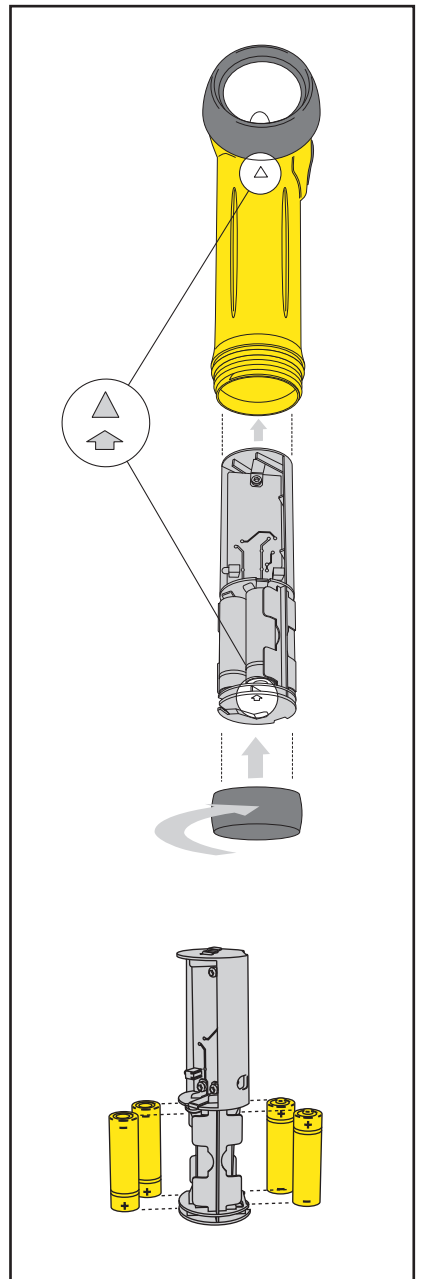
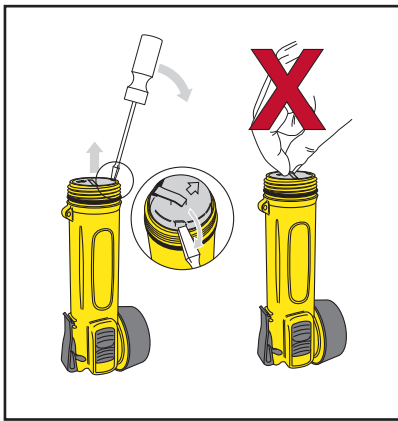
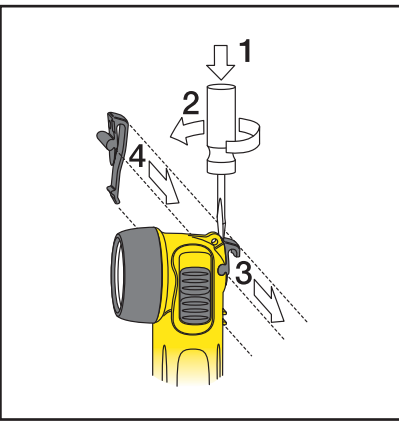
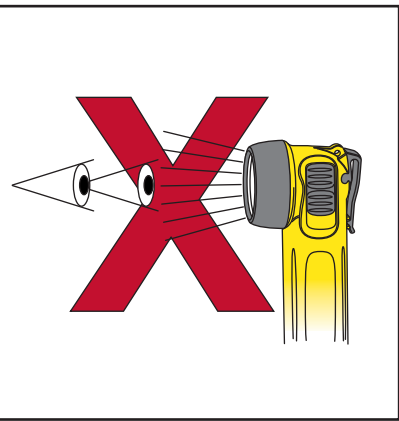
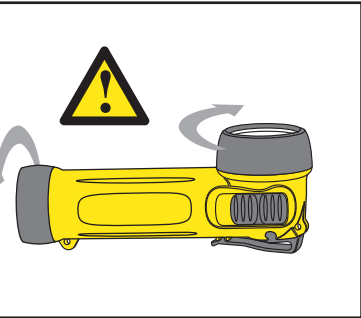
The Wolf Safety Lamp Co. Ltd has a policy of continuous product improvement. Changes in design details may be made without prior notice.



IECEx Scheme Approval
Cert Number: **IECEx BAS 06.0089**
Models: **TR-40/TR-40+**
Code: **Ex ib I/IC T4/T3 tD A21 IP67 T85°C**
Models TR-45
Code: **Ex ia I/IC T4/T3 IP67**
IEC Standards Applied: IEC 60079-0:2004, IEC 60079-11:1999, IEC 61241-0:2004, IEC 61241-1:2004,
Ingress protection level: **IP67** to IEC 60529:2001
Use only cell types as specified in instructions.

4x AA Wolf part no. TP-295		
T Class	T4	T3
LR6/AA Alkaline cells	Duracell Procell, Duracell Plus, Energizer Industrial, Energizer Ultra +	✓
R6 Zinc Cells	✓	✓

Wolf ATEX LED Torch – Spare Parts List				
Wolf Part No.	TR-40	TR-40+	TR45	Description
R-393	✓	✓	✓	Lens ring
TP-317	✓	✓	✓	Lens
TP-318	✓	✓	✓	Glass lens
TP-288	✓	✓	✓	Heatsink LED Assembly
TP-284	✓	✓	✓	TR-40 Torch body Assembly Zone 1
TP-286	✓	✓	✓	TR-45 Torch body Assembly Zone 0
TP-343	✓	✓	✓	Clip moulding
R-337	✓	✓	✓	Clip moulding Zone 0
TP-448	✓	✓	✓	Base 'o' seal
R-291	✓	✓	✓	End cap assembly
TP-282	✓	✓	✓	Primary cell cassette
TP-280	✓	✓	✓	Primary cell cassette with indicator
TP-260	✓	✓	✓	Wrist strap & ring
TP-295	✓	✓	✓	LR6/AA Primary Cell - pack of 4



Wolf
Wolf Safety Lamp Company
WOLF ATEX LED SAFETY TORCH
ATEX approved for explosive gas and dust atmospheres

OPERATION AND MAINTENANCE INSTRUCTIONS

