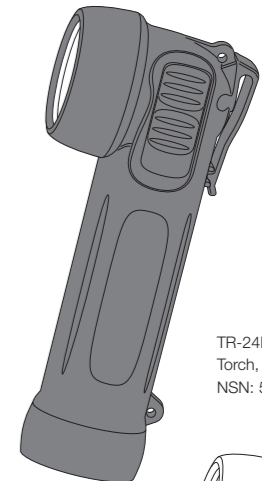
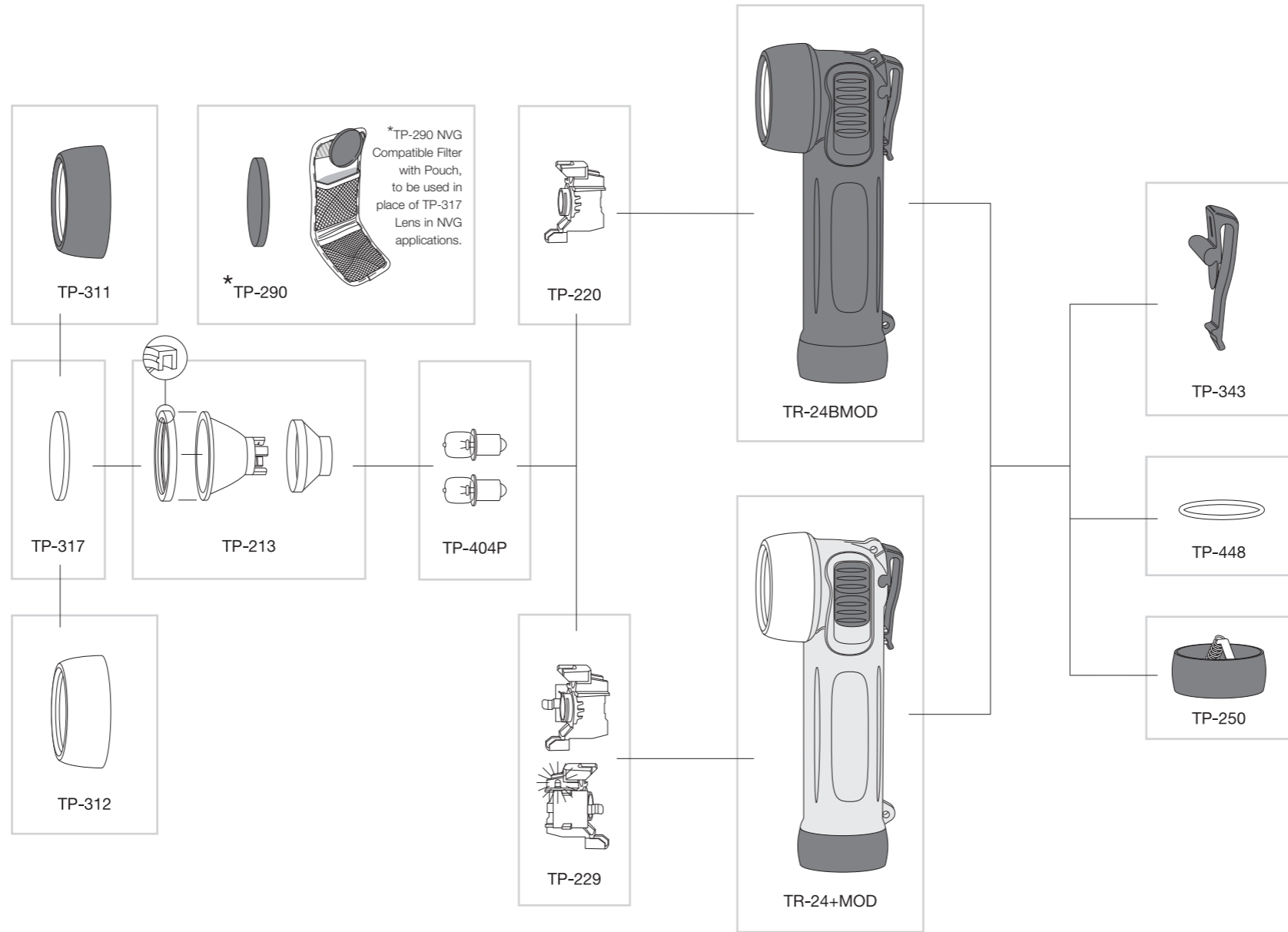




WOLF ATEX TORCHES – NATO CODIFIED

OPERATION AND MAINTENANCE INSTRUCTIONS



TR-24BMOD (Black)
Torch, Right Angle, Aircrew
NSN: 5A/6230-99-426-4033



TR-24+MOD (Yellow)
Torch, Right Angle, Safety
NSN: 5A/6230-99-259-6285



Wolf Safety Lamp Company

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E-mail: info@wolf-safety.co.uk
Website: www.wolf-safety.co.uk



EC Declaration of Conformity

The Wolf ATEX 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 torches are self contained primary cell powered flashlights/torches, moulded in high impact plastic, approved as 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 models apply. For detailed information on applicable codes with battery and bulb options, see attached table.

Do not open torch in Ex Areas
Do not mix cells
Do not use rechargeable cells
Damaged equipment should be repaired before further use


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










EC Type Examination Certificate:
BAS 02 ATEX 2220X
 X = Only use specified batteries and bulbs

Harmonised standards applied:
 EN60079-0:2006, EN60079-7:2007, EN60079-11:2007,
 EN61241-0:2006, 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

TR-24+MOD 			
G (Gas): T4 Ta = -20°C to +40°C	R20  ✓	LR20 	 Wolf TP-404P HPX, KPR, PR: ≥2.4V, ≤0.93A ≥2.2V, ≤0.85A e.g. HPX23, 2.4V, 0.7A  Wolf TP-402P HPR: ≥2.4V, ≤0.85A
G (Gas): T4 (Ta=55°C) Ta= -20°C to + 55°C	R20  ✓	LR20  ✓	Wolf H-20 ✓ Duracell Ultra Energizer Alkaline Energizer Industrial Eveready Gold e.g. HPR66, 2.4V, 0.83A
D (Dust): T95°C (Ta=55°C) Ta= - 20°C to +55°C	R20  ✓	LR20  ✓	

Spare Parts				
Description	Wolf Pt No	NSN	TR-24+MOD	TR-24BMOD
Torch, R/A, Safety	TR-24+MOD	5A/6230-99-259-6285	-	-
Torch, R/A, Aircrew	TR-24BMOD	5A/6230-99-426-4033	-	-
Lens ring, photoluminescent	TP-312	5A/6230-99-751-5158	✓	-
Lens ring	TP-311	5A/6230-99-920-9193	-	✓
Polycarbonate Lens	TP-317	5A/6230-99-131-9538	✓	✓
Reflector Assembly	TP-213	5A/6230-99-666-2316	✓	✓
Bulb, T4 Xenon, 2.4V 0.7A (x 2)	TP-404P	5A/6230-99-313-4455	✓	✓
Bulb Holder Assembly with LED indicator	TP-229	5A/6230-99-586-4422	✓	-
Bulb Holder Assembly	TP-220	5A/6230-99-352-4449	-	✓
Clip Moulding	TP-343	5A/6230-99-241-6440	✓	✓
Base 'O' Seal	TP-448	5A/6230-99-366-5641	✓	✓
End Cap Assembly	TP-250	5A/6230-99-958-0079	✓	✓
NVG filter & pouch	TP-290	5A/6230-99-160-4590	-	✓

