

Advanced Air Cooled CO₂/MAG Welding Torch

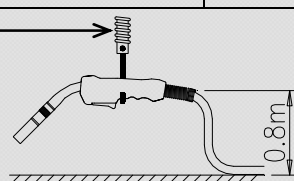
BLUE TORCH II

OWNER'S MANUAL 『Parts List』

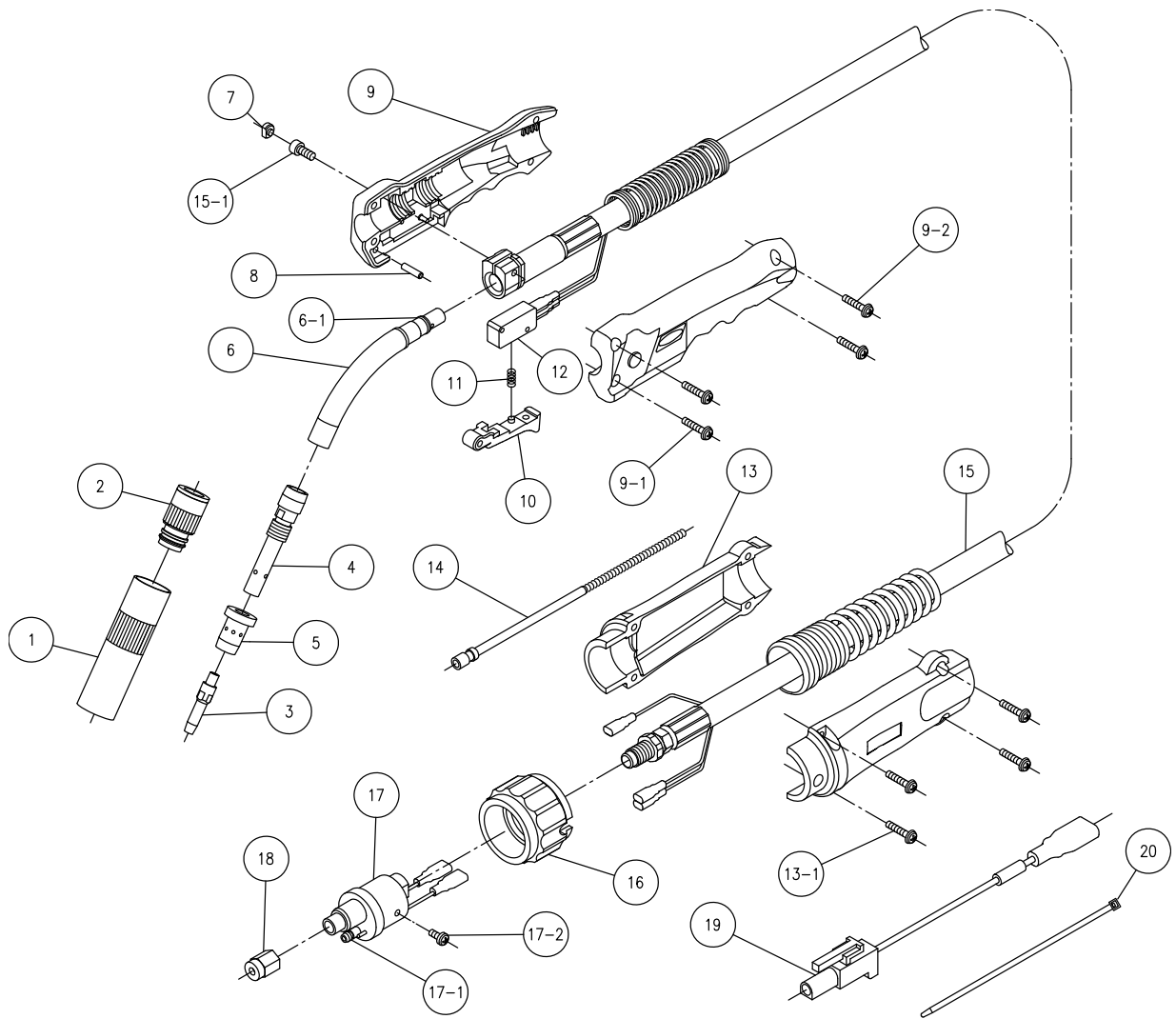
WT3510V-SD . . . 1U6068
 WT3510V-MD . . . 1U6069
 WT3510V-LD . . . 1U6070

WT3510V-SD
WT3510V-MD
WT3510V-LD

Technical Data

Model	WT3510V-SD	WT3510V-MD	WT3510V-LD
Rated Current	350A (CO ₂) / 300A (MAG)		
Duty Cycle	60% (CO ₂) / 30% (MAG)		
Wire Size (mm)	(0.9)、(1.0) 1.2、(1.4)	(1.0)、1.2 (1.4)	1.2、(1.4)
Torch Length	3.0m	4.5m	6.0m
Net Weight	2.9 kg	3.8 kg	4.7 kg
Weight at Operating	1.2kg 		
Cooling Method	Air Cooled		

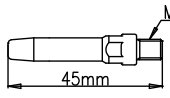
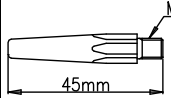
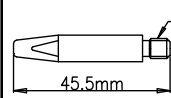
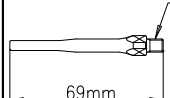
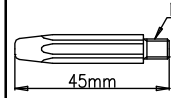
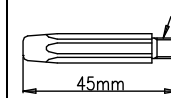
Standard Parts List

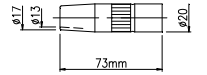
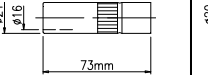
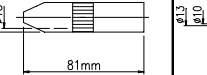
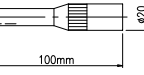


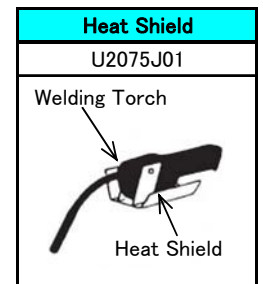
No.	Description	Part No.	No.	Description	Part No.
①	Nozzle (I.D.16mm)	U4167G01	⑬	Cable Support (with Screw)	U5035K00
②	Insulator	U4167L00	⑬-1	Small Screw (M4X16)	100-0306
③	Tip (1.2mm)	K980C26	⑭	Liner	
④	Tip Body	U4167G03		3.0m (0.9~1.2mm)	U4170H02
⑤	Orifice	U4167G02		4.5m (1.0~1.2mm)	U4535G01
⑥	Torch Body	U5347B00		6.0m (1.2mm)	U4172H01
⑥-1	O-Ring (S9)	3574-001	⑮	Power Cable (including ⑮-1, ⑳)	
⑦	Cap	U5341G01		3.0m	U6068K00
⑧	Flat Pin	U5035G03		4.5m	U6069K00
⑨	Handle (with Screw)	U5035G00		6.0m	U6070K00
⑨-1	Small Screw (M4X20)	100-0308	⑮-1	Hexagon Soket Screw (M5X14)	100-0310
⑨-2	Small Screw (M4X16)	100-0306	⑯	Adaptor Nut	U4167F03
⑩	Trigger	U5035E01	⑰	Adaptor	U4167E00
⑪	Spring	U157E04	⑰-1	O-Ring	3570-125
⑫	Micro Switch (Dustproof Type)	4254-137	⑰-2	Small Screw (M4X8)	100-0297
			⑱	Liner Nut	U4167G06
			⑲	Voltage Detection Adaptor (including ⑳)	U5365P00
			⑳	Binder (for fixing ⑲)	100-1570

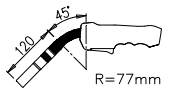
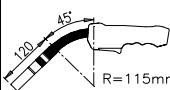
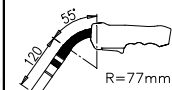
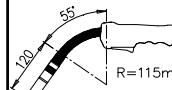
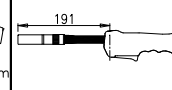
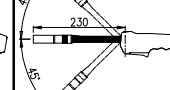
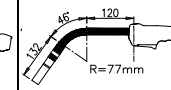
Optional Parts List

UNIT (mm)

Contact Tip						
Wire Size	A-Tip (Standard)	T-Tip (High Current)	F-Tip (Low Current)	Long Tip	CW-Tip (Long Life)	MAG-Tip
						
0.9mm	K980C24	K662B12	K980C03	U4167H07	-	U4167H14
1.0mm	K980C25	K980C17	K980C04	U4167H06	-	U4167H13
1.2mm	K980C26 K980C73(For FCW)	K980C19	K980C05	U4167H05	K990E12	U4167H12
1.4mm	K980C27 K980C74(For FCW)	K980C20	K980C06	-	K990E14	U4167H11

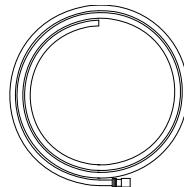
Nozzle			
Low Current	High Current	Arc Spot	Deep and Narrow Space
U4167H01	U4167H16	U4170H01	U4167H04
			
			Combine with Long Tip.

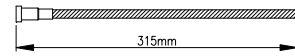


Torch Body						
R77, 45°	R115, 45°	R77, 55°	R115, 55°	Straight	Flexible	Long Neck
U5339B00	U5339C00	U5347B00	U5350B00	U5339H00	U5339L00	U5339N00
						
		Standard			Inner liner is required	

※The dimension of the drawing is a reference value

Liner		
Wire Size	Length	Part No.
1.2~1.6mm	3.0m	U4173G04
1.2~1.6mm	4.5m	U4537G01
1.2~1.6mm	6.0m	U4175G04



Inner Liner		
Wire Size	Part No.	
0.8~1.2mm	U5003L82	These are available for the torch bodies above.
1.2~1.6mm	U5003L26	
		

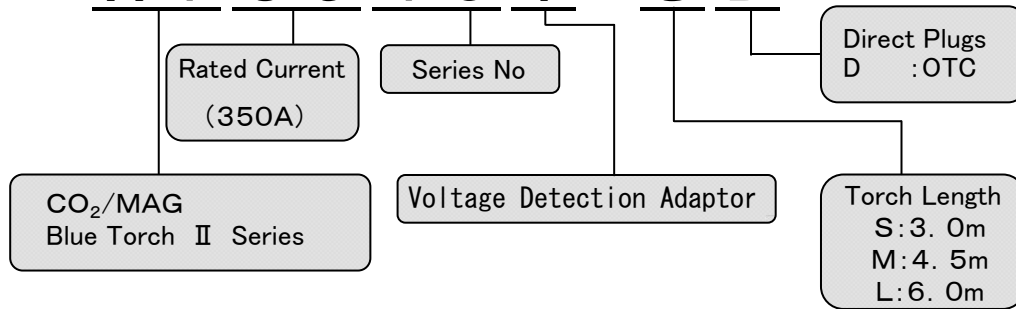
Product Line of OTC Blue Torch II Series

Model	WT3500V-SD	WT3500V-MD	WT3500V-LD	WT3510V-SD	WT3510V-MD	WT3510V-LD	WT3520V-SD	WT3520V-MD	WT3520V-LD
Rated Current	350A(CO ₂)/ 200A(MAG)			350A(CO ₂)/ 300A(MAG)			350A(CO ₂)/ 350A(MAG)		
Duty Cycle	30%(CO ₂)/ 30%(MAG)			60%(CO ₂)/ 30%(MAG)			80%(CO ₂)/ 30%(MAG)		
Wire Size (mm) ※	(0.9), (1.0) 1.2	(1.0), 1.2	1.2	(0.9), (1.0) 1.2, (1.4)	(1.0), 1.2 (1.4)	1.2, (1.4)	1.2 (1.4), (1.6)		
Torch Length	3.0m	4.5m	6.0m	3.0m	4.5m	6.0m	3.0m	4.5m	6.0m
Net Weight	2.5kg	3.2kg	4.0kg	2.9kg	3.8kg	4.7kg	3.2kg	4.3kg	5.3kg
Cooling Method	Air Cooled			Air Cooled			Air Cooled		

※In case of using wire size in the parenthesis, separate sale items are required.

Torch Type

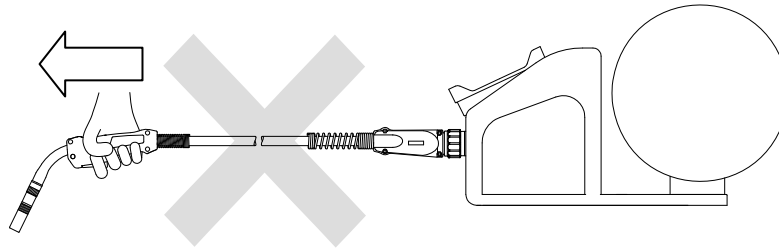
WT 35 10 V-S D



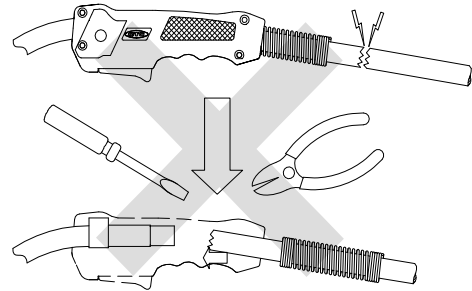
Attention



Do not pull or move the wire feeder with welding torch, otherwise breaking of the power cable and the cable coating would be tear. If the conductor becomes expose, you may be got electric shocked.

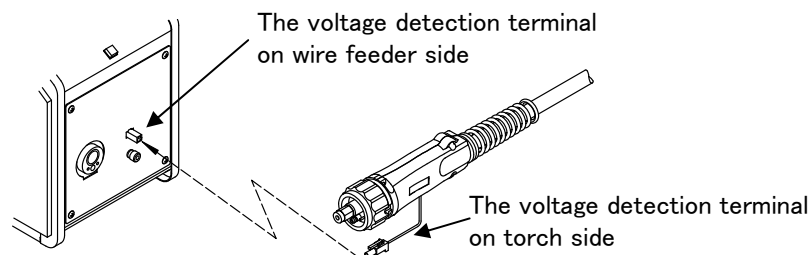


Exchange the power cable when it is damaged. Do not disassemble or repair on damping part.



Connect the voltage detection terminal on torch side securely to the voltage detection terminal on wire feeder side in use.

If the voltage detection terminal on torch side is not connected to the voltage detection terminal on wire feeder side in use, there is a possibility of electric shock. Do avoid it.



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