

## TIP TIP - HOTWIRE WP 20 SC TORCH



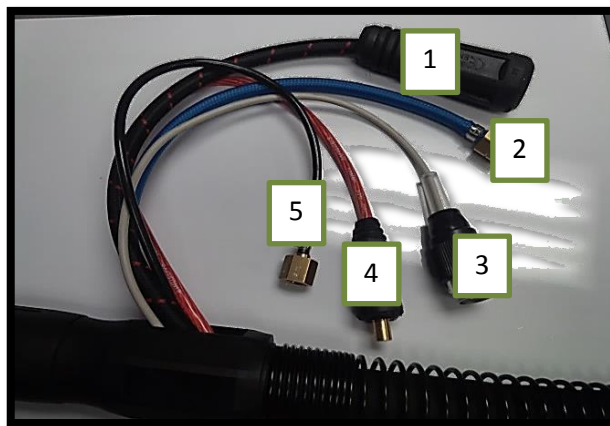
**Materials: Steel/Stainless/Aluminum**

**Duty Cycle: 280A / 100%**

### COMPLETE TORCH ASSEMBLY

10002480	TIP TIP WP 20 FLEX HEAD SC TORCH ASSY WITH ORANGE LINER (14ft)
10002483	TIP TIP WP 20 FLEX HEAD SC TORCH W/ORANGE LINER (20.5ft)

### INTERNAL PARTS

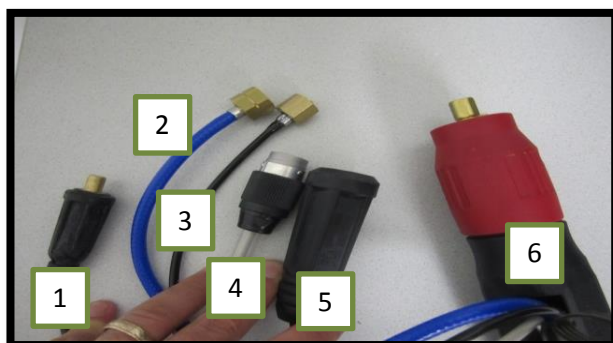


1	99906010	TIP TIP TORCH POWER CABLE 10mm <sup>2</sup> (14 ft)
2	77700198	TIP TIP TORCH BLUE WATER HOSE WITH CONNECTION FITTING
3	99906018	TIP TIP GREY CONNECTING CABLE 4*0,5mm <sup>2</sup> (14.5ft)
4	60000112-A	HOTWIRE (RED) CABLE ASSEMBLY (16ft)
5	99906016	TIP TIP TORCH GAS HOSE, BLACK ID3-W1 - (14.5ft)
	99906212	TIP TIP BLACK LINER Ø 4,8*2,3m w/180mm WIRE FEED CONDUIT (14.5ft)
	99906213	TIP TIP BLACK LINER Ø 4,8*2,3mm w/180mm WIRE FEEN CONDUIT (20.5ft)
	99906225	TIP TIP ORANGE LINER WITH BRONZE SPIRAL LINER (14ft)
	99906226	TIP TIP ORANGE LINER WITH BRONZE SPIRAL (20.5ft)
	99906227	TIP TIP ORANGE LINER WITH BRONZE SPIRAL (23 ft)

## TORCH BODY

77700236 TIP TiG TORCH BODY 20 FLEX HEAD

## FEEDER CONNECTION PARTS (FROM LEFT TO RIGHT)



- |   |          |   |
|---|----------|---|
| 1 | 60000158 | MALE DINSE CONNECTOR (RED HOT WIRE)                       |
| 2 | 95500386 | TIP TiG BRASS WATER INLET CONNECTOR G3/8" RH (BLUE HOSE)  |
| 3 | 77700158 | TIP TiG GAS CONNECTION NUT - G1/4" RH (BLACK HOSE)        |
| 4 | 77700356 | SERIES 5- PIN BAJONET CONNECTOR (GREY CABLE)              |
| 5 | 95500388 | CURRENT/WATER CONNECTION BRASS NUT G3/8" LH (POWER CABLE) |
| 6 | n/a      | TORCH CONNECTION (No replacement Available)               |
|   | 77700760 | TIP TiG TORCH BRASS END NUT (M10X1)                       |

## HANDLE PARTS



Current Assembly



Current Switch Assembly



Older Assembly

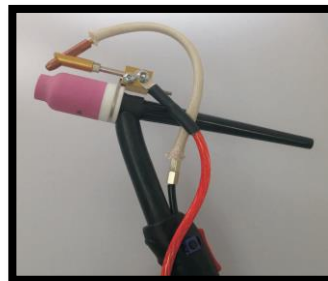
### CURRENT ASSEMBLY

- |          |   |
|----------|---|
| 99903436 | TIP TiG TORCH HANDLE                                      |
| 99903438 | TIP TiG GREY PUSH BUTTON TORCH SWITCH ASSEMBLY WITH COVER |
| 99903439 | TIP TiG TORCH HANDLE SWITCH WITH 30cm CABLE (ASSEMBLY)    |

### OLDER STYLE

- |          |                                   |
|----------|-----------------------------------|
| 99903405 | TIP TiG HANDLE ERGO ROCKER SWITCH |
|----------|-----------------------------------|

## CONSUMABLES - LARGE CONFIGURATION (20)



### Gas Lens

99900110	20SC HD LARGE GAS LENS 1/16"
99900112	20SC HD LARGE GAS LENS 3/32"
99900114	20SC HD LARGE GAS LENS 1/8"

### Collets

77700455	20SC HD COLLET 1/16"
77700456	20SC HD COLLET 3/32"
77700457	20SC HD COLLET 1/8"

### Ring

77700630	TIP TIG BLOCK HOLDER - OUTSIDE PIN
77700631	TIP TIG BLOCK HOLDER - INSIDE PIN

### Insulator - Standard

77700370	TIP TIG WP20 SC RING INSULATOR
77700607	TIP TIG 20SC NOZZLE INSULATOR - LARGE

### Nozzles

77700530	LARGE CERAMIC NOZZLE #6 (3/8")
77700532	LARGE CERAMIC NOZZLE #8 (1/2" )
77700533	LARGE CERAMIC NOZZLE #10 (5/8")
77700534	LARGE CERAMIC NOZZLE #12 (3/4")

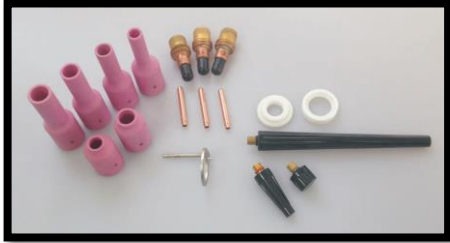
### Back Caps

99903008	TIP TIG 20SC BACK CAP - SMALL
99903009	TIP TIG 20SC BACK CAP - MEDIUM
99903010	TIP TIG 20SC BACK CAP - LARGE

### Spare Parts Box

77701030-A	TIP TIG - SPARE PARTS BOX , WP20 SC - LARGE (ASSEMBLY)
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## CONSUMABLES - MEDIUM CONFIGURATION (20)



### Gas Lens

99900100	20SC MEDIUM GAS LENS 1/16"
99900102	20SC MEDIUM GAS LENS 3/32"
99900104	20SC MEDIUM GAS LENS 1/8"

### Collets

77700455	20SC HD COLLET 1/16"
77700456	20SC HD COLLET 3/32"
77700457	20SC HD COLLET 1/8"

### Ring

77700630	TIP TIG BLOCK HOLDER - OUTSIDE PIN
77700631	TIP TIG BLOCK HOLDER - INSIDE PIN

### Insulator - Standard

77700370	TIP TIG WP20 SC RING INSULATOR
77700252	TIP TIG 20 SC NOZZLE INSULATOR - MEDIUM

### Nozzles

99902050	MEDIUM CERAMIC NOZZLE #5 (5/16")
99902052	MEDIUM CERAMIC NOZZLE #6 (3/8")
99902054	MEDIUM CERAMIC NOZZLE #7 (7/16")
99902056	MEDIUM CERAMIC NOZZLE #8 (1/2")
99902060	MEDIUM CERAMIC NOZZLE #5L (5/16")
99902062	MEDIUM CERAMIC NOZZLE #6L (3/8")
99902064	MEDIUM CERAMIC NOZZLE #7L (7/16")
99902066	MEDIUM CERAMIC NOZZLE #8L (1/2")

### Back Caps

99903008	TIP TIG 20SC BACK CAP - SMALL
99903009	TIP TIG 20SC BACK CAP - MEDIUM
99903010	TIP TIG 20SC BACK CAP - LARGE

### Spare Parts Box

77701026-A	TIP TIG - SPARE PARTS BOX, WP20 SC - MEDIUM (ASSEMBLY)
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## CONSUMABLES - SMALL CONFIGURATION (20)

### Gas Lens

99900095	TIP TIG 20SC SMALL GAS LENS 1/16"
99900096	TIP TIG 20SC SMALL GAS LENS 3/32"
99900097	TIP TIG 20SC SMALL GAS LENS 1/8"

### Collets

99909000	TIP TIG 20 SC SMALL WEDGE COLLET 1/16"
99909001	TIP TIG 20 SC SMALL WEDGE COLLET -3/32"
99909002	TIP TIG 20 SC SMALL WEDGE COLLET - 1/8"

### Ring

77700320	TIP TIG 20SC RING HOLDER - SMALL
77700322	TIP TIG 20 SC RING HOLDER - SMALL

### Insulator

77700230-T	TIP TIG 20 SC RING INSULATOR - SMALL
77700250	TIP TIG 20 SC NOZZLE INSULATOR - SMALL

### Nozzles

99902039	TIP TIG 20 SC SMALL CERAMIC NOZZLE #4
99902040	TIP TIG 20 SC SMALL CERAMIC NOZZLE #5
99902042	TIP TIG 20 SC SMALL CERAMIC NOZZLE #6
99902044	TIP TIG 20 SC SMALL CERAMIC NOZZLE #7
99902046	TIP TIG 20 SC SMALL CERAMIC NOZZLE #8

### Back Caps

99903008	TIP TIG 20SC BACK CAP - SMALL
99903009	TIP TIG 20SC BACK CAP - MEDIUM
99903010	TIP TIG 20SC BACK CAP - LARGE

### Spare Parts Box

77701022-A	TIP TIG - SPARE PARTS BOX, WP20 SC - SMALL (ASSEMBLY)
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## CONSUMABLES -COMMON PARTS

### Tip Holder

77700685	TIP TIG HW UNIVERSAL 42 DEG CONTACT TIP HOLDER (Red) - Pipe
77700686	TIP TIG HW UNIVERSAL 39 DEG CONTACT TIP HOLDER (Blue) -Plate
77700701	TIP TIG WP 20 NARROW GAP HOLDER - 39 DEG (BLUE) -NEW
77700702	TIP TIG WP 20 NARROW GAP HOLDER - 42 DEG (RED) - NEW

### Liner

77700566-A	BRONZE SPIRAL LINER WITH CONNECTOR 185MM
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### Sleeve Insulator

77700548-A	FIBERGLASS SLEEVE UNCOATED (7.5")
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## CONSUMABLES -COMMON PARTS (CON'T)

### Tips - Regular

77700536	CONTACT TIP .035 YELLOW
77700537	CONTACT TIP .045 BLUE
77700537OS	CONTACT TIP .054 - OVERSIZED DIA., BLACK
77700538	CONTACT TIP .068 RED

### Narrow Groove -Tips

77700536B	TIP TIG CONTACT TIP .035 1.0-40MM YELLOW -Beveled .035
77700537B	TIP TIG CONTACT TIP .045 1.2-40MM BLUE - Beveled .045 Tip

### Ceramic Coated Contact Tips

77700570-T	18SC CERAMIC COATED NARROW CONTACT TIP .030 (GREEN) (0.8mm)
77700571-T	18SC CERAMIC COATED NARROW CONTACT TIP .035" (YELLOW) (1.0 mm)
77700572-T	18SC CERAMIC COATED NARROW CONTACT TIP .045 (BLUE)(1.2mm)

### Narrow Tip Ceramic Coated Contact Tips

77700850	CERAMIC COATED NARROW CONTACT TIP - .030 W/BRONZE SPIRAL (GREEN)
77700851	CERAMIC COATED NARROW CONTACT TIP-.035 W/BRNZE SPIRAL (YELLOW)
77700852	CERAMIC COATED NARROW CONTACT TIP - .045 W/BRONZE SPRIAL (BLUE)

### Long Narrow Tip Ceramic Coated Contact Tips

77700955	TIP TIG LONG NARROW GAP CERAMIC COATED TIP - .030 (GREEN)
77700957	TIP TIG LONG NARROW GAP CERAMIC COATED TIP - .045 (BLUE)
77700960	LONG NARROW GAP CERAMIC COATED TIP - .030 W/BRNZE SPIRAL (GREEN)
77700962	LONG NARROW GAP CERAMIC COATED TIP-.035 W/BRNZE SPIRAL (YELLOW)

### Tip Assemblies

77700601-A	TIP TIG HW 18SC CERAMIC NARROW GROOVE .035 w/ 7.5 " LINER
77700602-A	TIP TIG HW 18SC CERAMIC NARROW GROOVE .045 w/ 7.5 " LINER
77700603-A	TIP TIG HW 18SC COPPER TIP .035 w/ 7.5 " LINER ASSY
77700604-A	TIP TIG HW 18SC COOPER TIP .045 w/ 7.5 " LINER

### Tungsten

TL05-7000-01-D	PREGROUND 5/32" - 7" TUNGSTEN DIAMOND GROUND
TL08-7000-01-D	PREGROUND 1/8" - 7" TUNGSTEN DIAMOND GROUND

### Wire Feed Parts

777005691	TIP TIG OUTLET BRASS GUIDE
777005692	TIP TIG TEFLON OUTLET TUBE
88807058	TIP TIG U-Drive Roll (0.8 - 1.00mm)

### Misc

BAM0183-A	BALLUFF BKS-PW-26/20-4" piece
60000108	HEAVY DUTY SIDE CUTTER
60000111	FOLD HEX KEY (1.5 - 6mm) ALLEN SET