

PARKER
TORCHOLOGY



INNOVATION, TECHNOLOGY, PERFORMANCE

MIG/TIG/PLASMA/ROBO
WELDING & CUTTING TORCH TECHNOLOGY

A FRESH APPROACH

TRF SERIES

SUREGRIP PLASMA CUTTING TORCH RANGE



^ FRESH APPROACH

At Parker Torchology our focus is to be renowned amongst clients for consistently delivering a high quality product and a results driven service.

We aim to achieve this by building a world class product range that can adapt to local needs and by managing an unrivalled network of localized distribution.

Technical excellence in Torch Technology will be matched by a total commitment to individual customer service and a willingness to forge new business partnerships.

Parker Torchology will bring an in-depth knowledge, experience and a strategic vision to place us and our customers at the leading edge of our industry.

AT PARKER TORCHOLOGY

WE TALK TORCHES



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Suregrip™ TRF

Dynamic Engineering and Superior Design Ergonomics



Spares and wears

Precision personified



Strike one

Patented back strike technology-no shocks here



Safe and sound

Slide to operate switch guarantees safety



INNOVATION, TECHNOLOGY, PERFORMANCE

Suregrip™ TRF Plasma Cutting Torch Range

Features Focus

PARKER
TORCHOLOGY

Dynamic Engineering and Superior Design Ergonomics



Grip it

Soft grips keep it where its needed



24 hour support

In any position



It's terminal

Fortunately not with our ends



Suregrip™, when productivity counts.



Technical Data	STR S25K	STR S45	STR A81	STR A81R	STR A101
Cooling Method	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled
Rating:	25A	40A	80A	80A	100A
Cutting Thickness	6-8mm	8-12mm	20-25mm	20-25mm	25-30mm
Duty Cycle:	60%	60%	60%	60%	60%
Gas	Air/N ₂	Air/N ₂	Air/N ₂	Air/N ₂	Air/N ₂
Gas Pressure	2.8 bar 40 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi
Gas Flow	40 l/min 85 scfh	100 l/min 210 scfh	160 l/min 340 scfh	160 l/min 340 scfh	180 l/min 380 scfh
Pilot	Electrode to Tip	Electrode to Tip	Electrode to Tip	Electrode to Tip	Electrode to Tip
Ignition	Without HF	Without HF	HF	HF	HF
Post Flow	90 sec	90 sec	90 sec	90 sec	90 sec

Suregrip™ TRF Plasma Cutting Torch Range

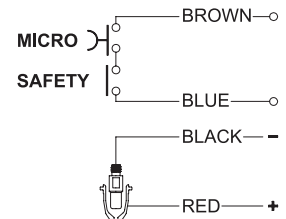
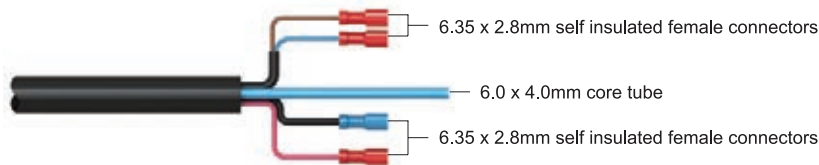
Ratings: 25Amp to 150Amp



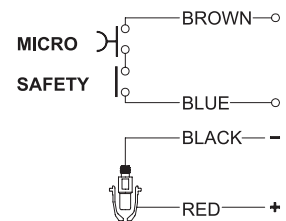
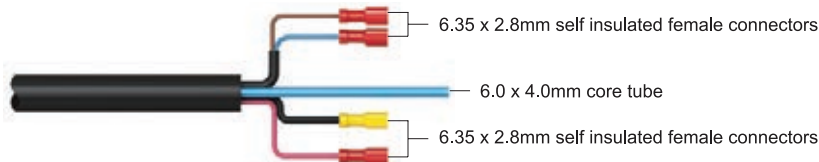
Technical Data	STR A101R	STR A141	STR A141R	STR A151	STR A151R
Cooling Method	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled
Rating:	100A	140A	140A	150A	150A
Cutting Thickness	25-30mm	35-40mm	35-40mm	35-40mm	35-40mm
Duty Cycle:	60%	60%	60%	60%	60%
Gas	Air/N ₂	Air/N ₂	Air/N ₂	Air/N ₂	Air/N ₂
Gas Pressure	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi
Gas Flow	180 l/min 380 scfh	220 l/min 470 scfh	220 l/min 470 scfh	220 l/min 470 scfh	220 l/min 470 scfh
Pilot	Electrode to Tip	Electrode to Tip	Electrode to Tip	Electrode to Tip	Electrode to Tip
Ignition	HF	HF	HF	HF	HF
Post Flow	90 sec	90 sec	90 sec	90 sec	90 sec

Cable Fitting Options

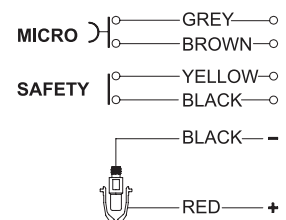
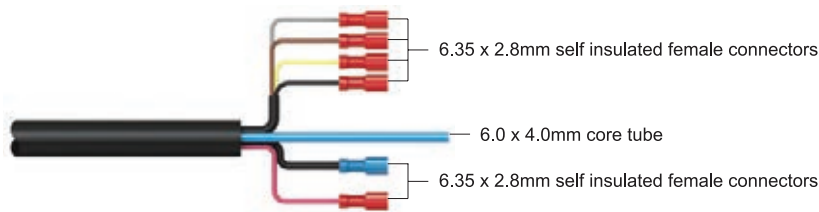
CF1



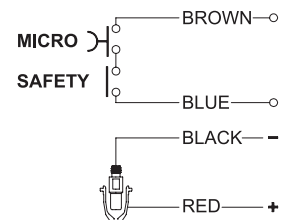
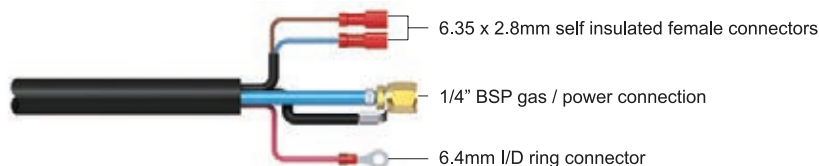
CF2



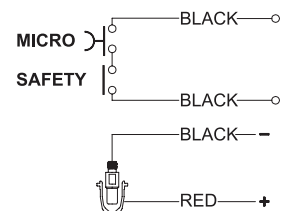
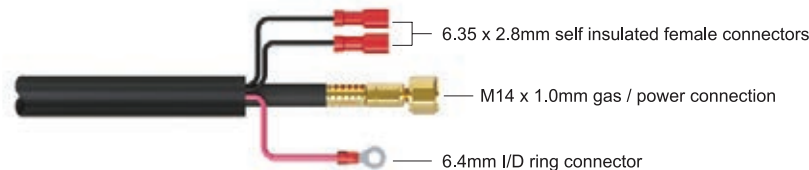
CF3



CF4



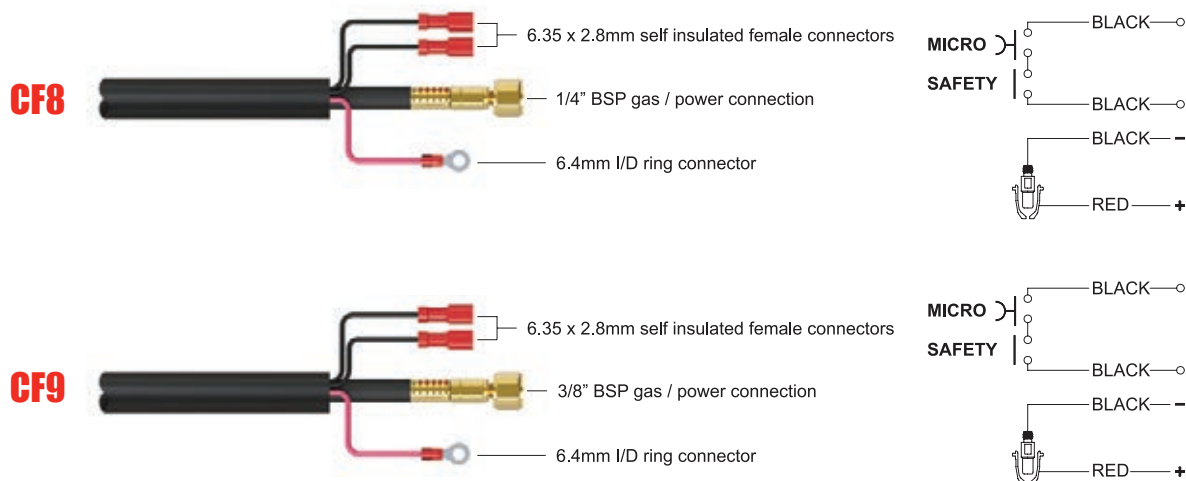
CF7



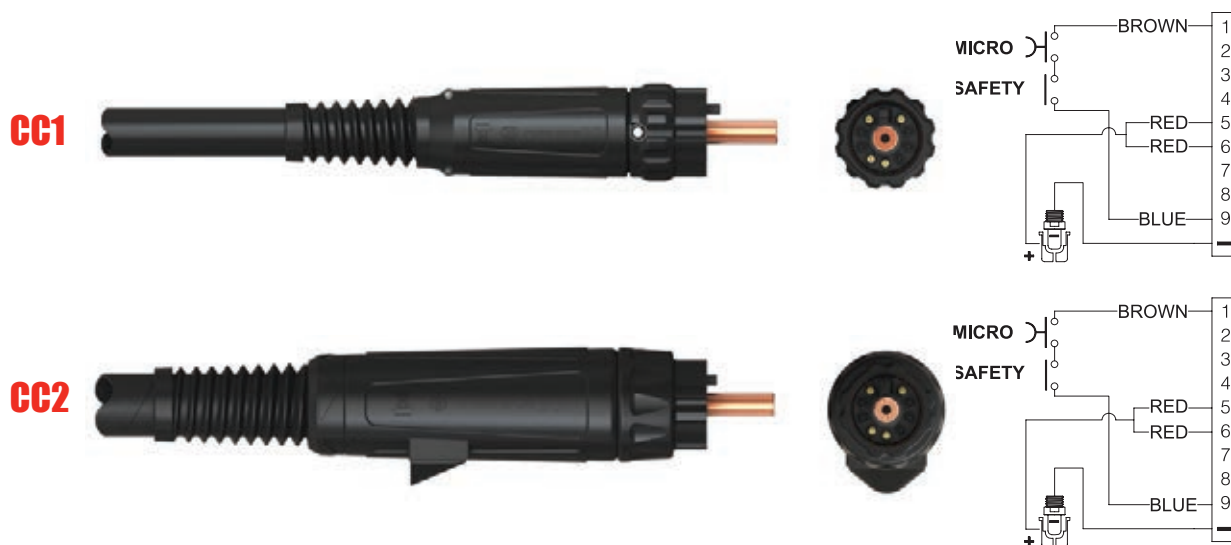
Suregrip™ TRF Plasma Cutting Torch Range

Cable Terminations & Wiring Systems Explained

Cable Fitting Options

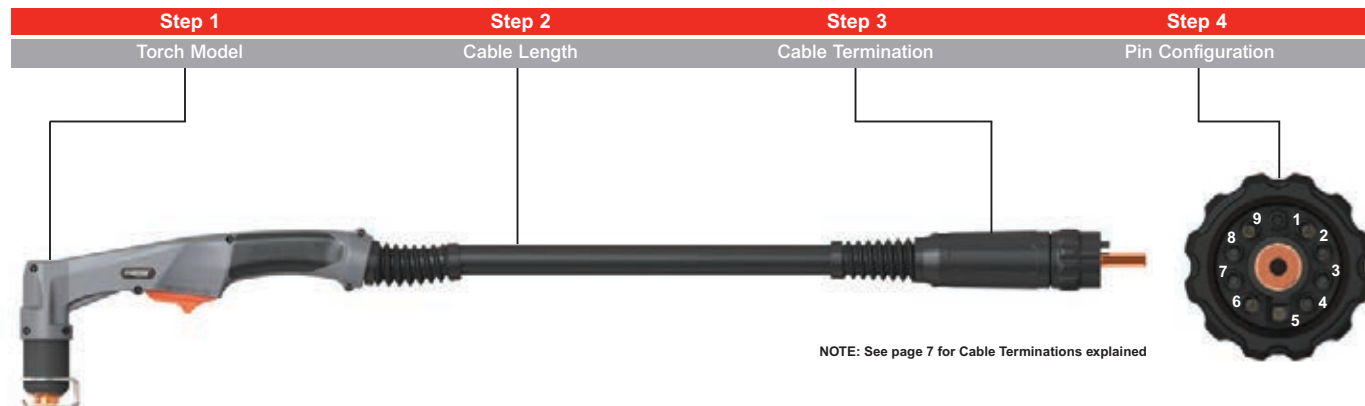


Central Connector Options



	Model	STR S25K	STR S45	STR A81	STR A81R	STR A101	STR A101R	STR A141	STR A141R	STR A151	STR A151R
Termination	CF1	●	●	●	●	●	●	●	●	●	●
	CF2	●	●	●	●	●	●	●	●	●	●
	CF3	●	●	●	●	●	●	●	●	●	●
	CF4	●	●	●	●	●	●	●	●	●	●
	CF7	●	●	●	●	●	●	●	●	●	●
	CF8	●	●	●	●	●	●	●	●	●	●
	CF9	●	●	●	●	●	●	●	●	●	●
	CC1	●	●	●	●	●	●	●	●	●	●
	CC2	●	●	●	●	●	●	●	●	●	●

● Denotes standard termination option




Ordering Information

Torch package part numbering is configured using the simple 4 stage system outlined below:

1. Select the correct model of torch
2. Select the cable length required
3. Select the power cable connections required
4. If you have selected a CC style termination, specify the pin numbers for the
 - Switch system
 - Safety system
 - Pilot arc
 - Any other requirements

Example: STR A141-60-CF7

Suregrip™ 141 Torch Package x 6m c/w separate cables and M14x1.0 fitting

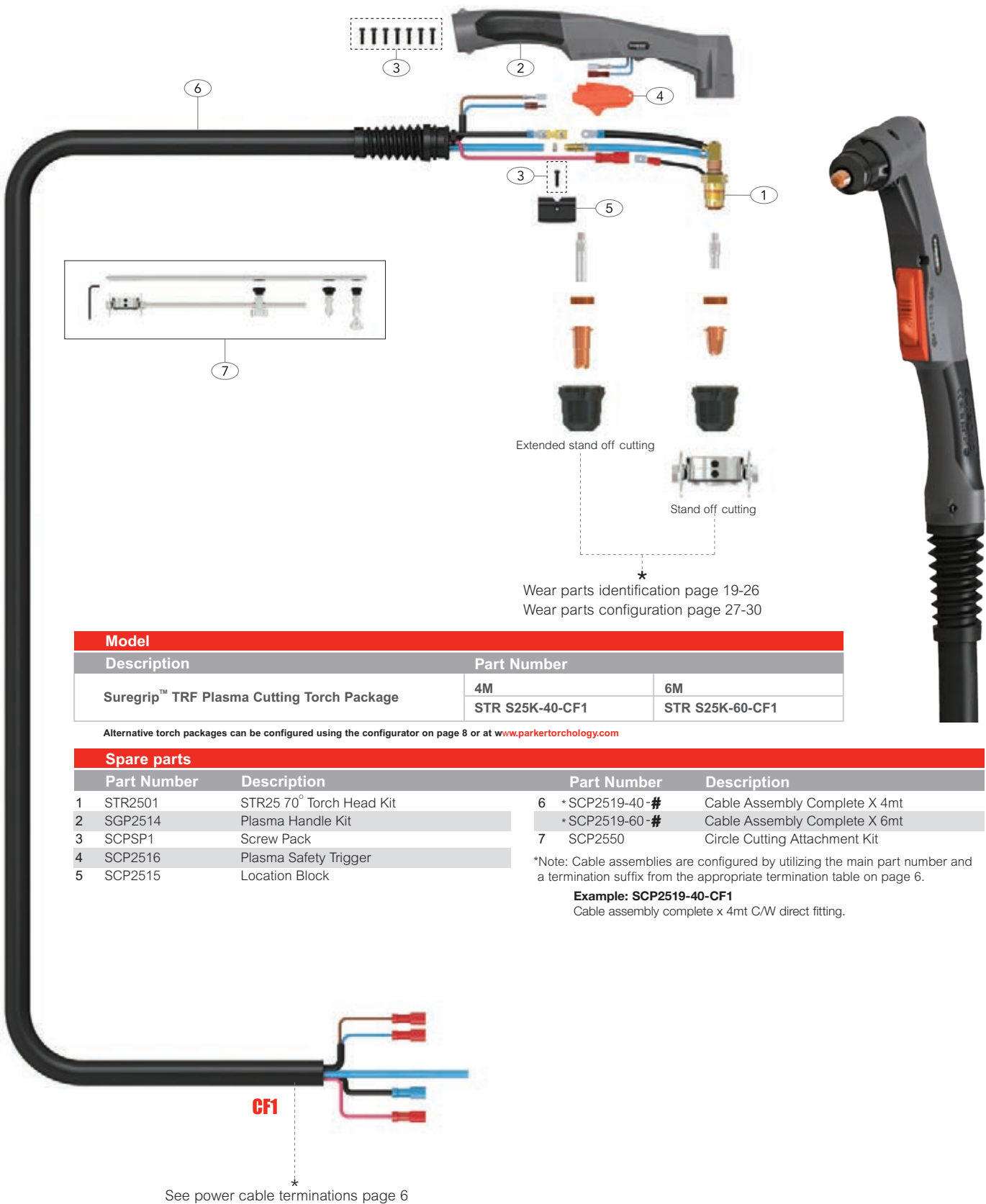
Step 1	Step 2	Step 3	Step 4																																																																	
Torch Model	Cable Length	Cable Termination	Pin Configuration																																																																	
<table border="1"> <thead> <tr> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td colspan="2">Suregrip™ Series</td> </tr> <tr> <td>STR S25K</td> <td>25A Torch Package</td> </tr> <tr> <td>STR S45</td> <td>40A Torch Package</td> </tr> <tr> <td>STR A81</td> <td>80A Torch Package</td> </tr> <tr> <td>STR A81R</td> <td>80A Torch Package Canvas Cover</td> </tr> <tr> <td>STR A101</td> <td>100A Torch Package</td> </tr> <tr> <td>STR A101R</td> <td>100A Torch Package Canvas Cover</td> </tr> <tr> <td>STR A141</td> <td>140A Torch Package</td> </tr> <tr> <td>STR A141R</td> <td>140A Torch Package Canvas Cover</td> </tr> <tr> <td>STR A151</td> <td>150A Torch Package</td> </tr> <tr> <td>STR A151R</td> <td>150A Torch Package Canvas Cover</td> </tr> </tbody> </table>	Part No.	Description	Suregrip™ Series		STR S25K	25A Torch Package	STR S45	40A Torch Package	STR A81	80A Torch Package	STR A81R	80A Torch Package Canvas Cover	STR A101	100A Torch Package	STR A101R	100A Torch Package Canvas Cover	STR A141	140A Torch Package	STR A141R	140A Torch Package Canvas Cover	STR A151	150A Torch Package	STR A151R	150A Torch Package Canvas Cover	<table border="1"> <thead> <tr> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>40</td> <td>4m</td> </tr> <tr> <td>60</td> <td>6m</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>CF1</td> <td>Direct</td> </tr> <tr> <td>CF2</td> <td>Direct</td> </tr> <tr> <td>CF3</td> <td>Direct</td> </tr> <tr> <td>CF4</td> <td>1/4" BSP</td> </tr> <tr> <td>CF7</td> <td>M14x1.0mm</td> </tr> <tr> <td>CF8</td> <td>1/4" BSP</td> </tr> <tr> <td>CF9</td> <td>3/8" BSP</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>CC1</td> <td>Central Connector</td> </tr> <tr> <td>CC2</td> <td>Central Connector for Canvas Cover</td> </tr> </tbody> </table> <p>NOTE: See page 6 for Cable Terminations explained</p>	Part No.	Description	40	4m	60	6m	Part No.	Description	CF1	Direct	CF2	Direct	CF3	Direct	CF4	1/4" BSP	CF7	M14x1.0mm	CF8	1/4" BSP	CF9	3/8" BSP	CC1	Central Connector	CC2	Central Connector for Canvas Cover		<table border="1"> <thead> <tr> <th></th> <th>Pin No</th> <th>Pin No</th> </tr> </thead> <tbody> <tr> <td>Switch</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Safety</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Pilot Arc</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Others</td> <td>_____</td> <td>_____</td> </tr> </tbody> </table>		Pin No	Pin No	Switch	_____	_____	Safety	_____	_____	Pilot Arc	_____	_____	Others	_____	_____
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An easy to use electronic torch package configurator system is also available at www.parkertorchology.com

Suregrip™ TRF Plasma Cutting Torch Range



STR S25K Air-Cooled Cutting Torch Range
Rating: 25A Air/N₂ gas, @ 60% duty cycle.



Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR S25K-40-CF1	STR S25K-60-CF1

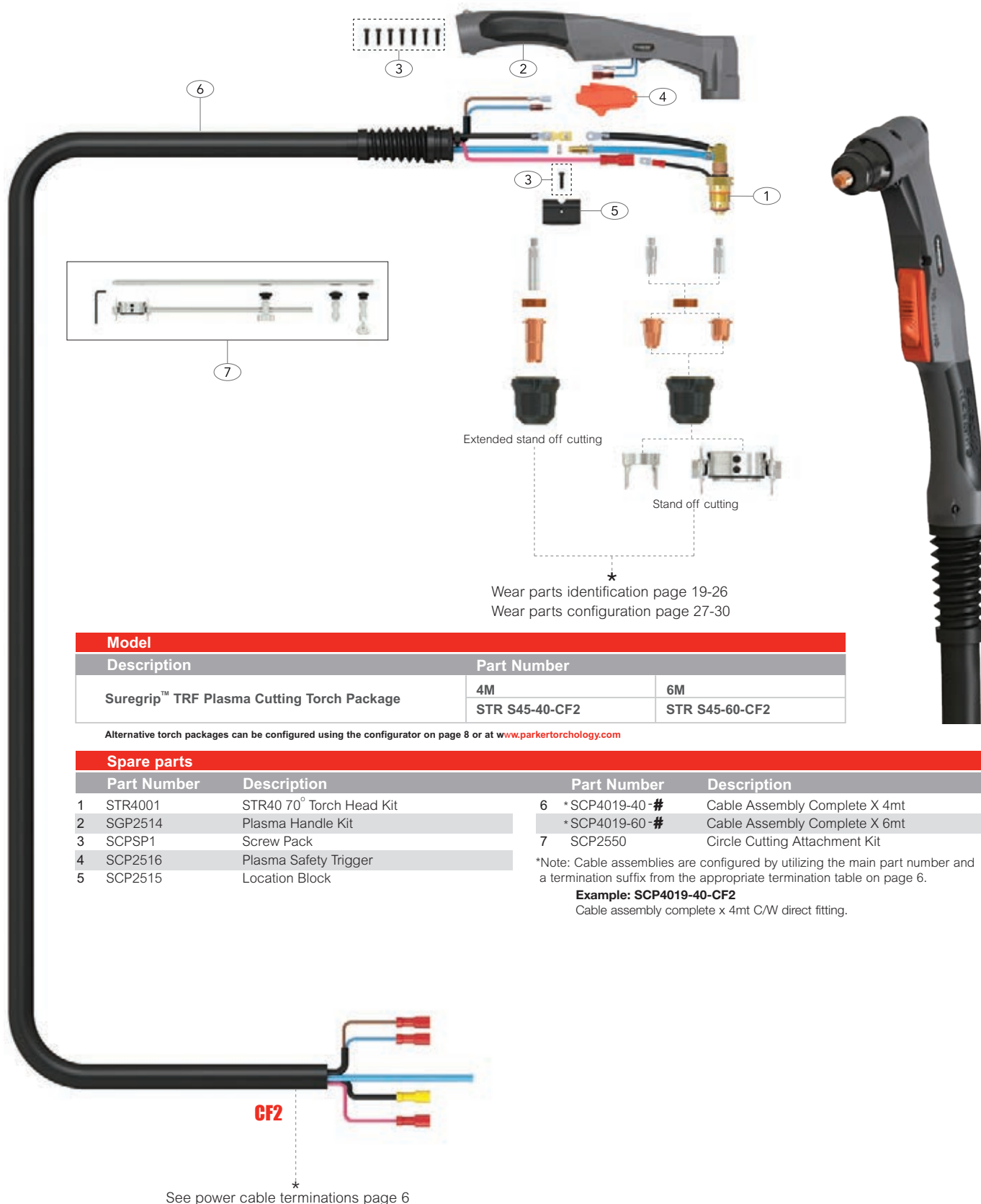
Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

Spare parts			
Part Number	Description	Part Number	Description
1	STR2501	STR25 70° Torch Head Kit	
2	SGP2514	Plasma Handle Kit	
3	SCPSP1	Screw Pack	
4	SCP2516	Plasma Safety Trigger	
5	SCP2515	Location Block	
6	* SCP2519-40-#	Cable Assembly Complete X 4mt	
	* SCP2519-60-#	Cable Assembly Complete X 6mt	
7	SCP2550	Circle Cutting Attachment Kit	

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.

Example: SCP2519-40-CF1
Cable assembly complete x 4mt C/W direct fitting.

STR S45 Air-Cooled Cutting Torch Range
Rating: 40A Air/N₂ gas, @ 60% duty cycle.



Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR S45-40-CF2	STR S45-60-CF2

Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

Spare parts			
Part Number	Description	Part Number	Description
1 STR4001	STR40 70° Torch Head Kit	6 *SCP4019-40-#	Cable Assembly Complete X 4mt
2 SGP2514	Plasma Handle Kit	*SCP4019-60-#	Cable Assembly Complete X 6mt
3 SCPSP1	Screw Pack	7 SCP2550	Circle Cutting Attachment Kit
4 SCP2516	Plasma Safety Trigger		
5 SCP2515	Location Block		

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.

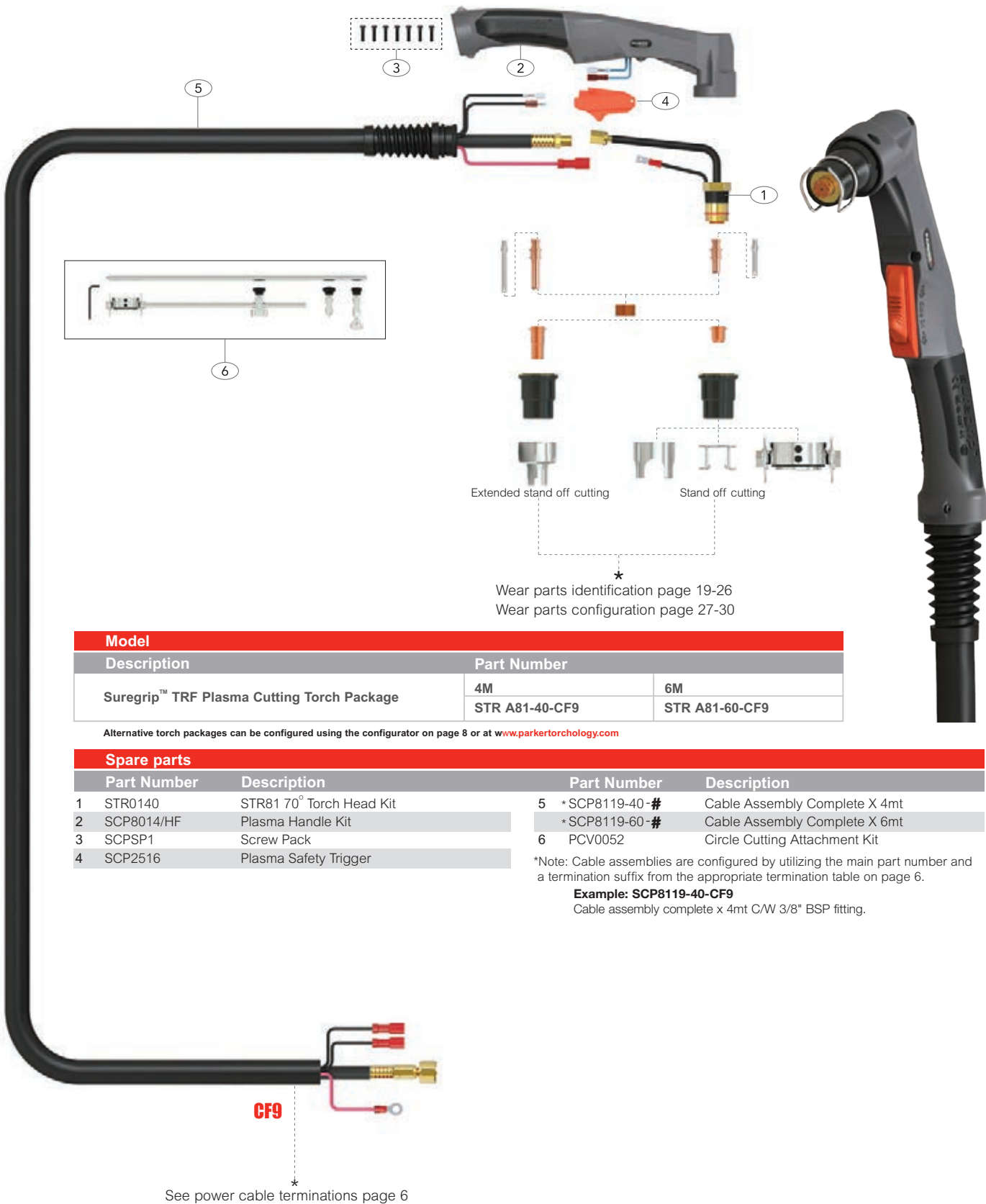
Example: SCP4019-40-CF2

Cable assembly complete x 4mt C/W direct fitting.

Suregrip™ TRF Plasma Cutting Torch Range



STR A81 Air-Cooled Cutting Torch Range
Rating: 80A Air/N₂ gas, @ 60% duty cycle.



Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR A81-40-CF9	STR A81-60-CF9

Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

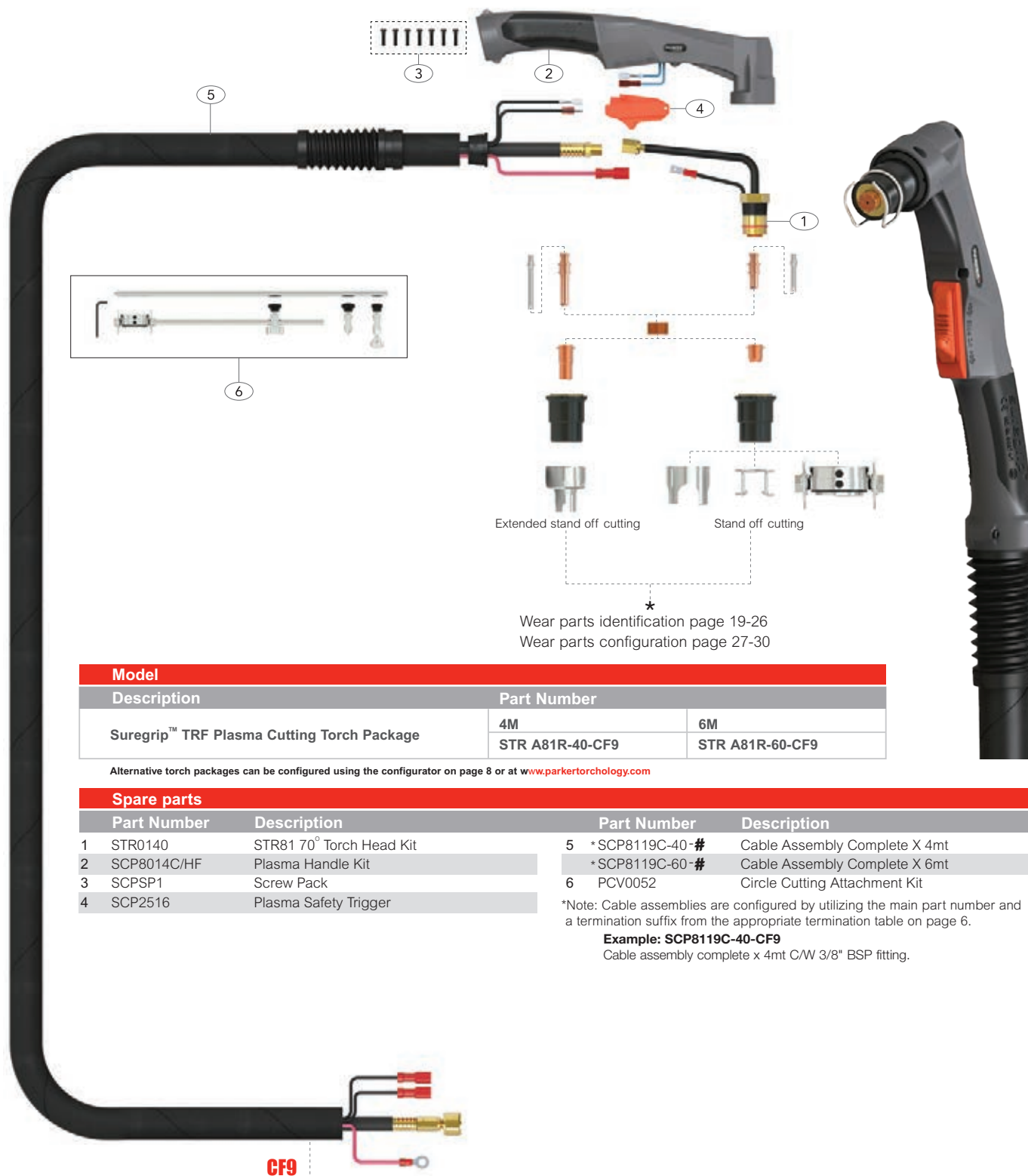
Spare parts			
Part Number	Description	Part Number	Description
1 STR0140	STR81 70° Torch Head Kit	5 *SCP8119-40-#	Cable Assembly Complete X 4mt
2 SCP8014/HF	Plasma Handle Kit	*SCP8119-60-#	Cable Assembly Complete X 6mt
3 SCPSP1	Screw Pack	6 PCV0052	Circle Cutting Attachment Kit
4 SCP2516	Plasma Safety Trigger		

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.

Example: SCP8119-40-CF9

Cable assembly complete x 4mt C/W 3/8" BSP fitting.

STR A81R Air-Cooled Cutting Torch Range
Rating: 80A Air/N₂ gas, @ 60% duty cycle.



Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR A81R-40-CF9	STR A81R-60-CF9

Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

Spare parts			
Part Number	Description	Part Number	Description
1 STR0140	STR81 70° Torch Head Kit	5 *SCP8119C-40-#	Cable Assembly Complete X 4mt
2 SCP8014C/HF	Plasma Handle Kit	*SCP8119C-60-#	Cable Assembly Complete X 6mt
3 SCPSP1	Screw Pack	6 PCV0052	Circle Cutting Attachment Kit
4 SCP2516	Plasma Safety Trigger		

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.

Example: SCP8119C-40-CF9

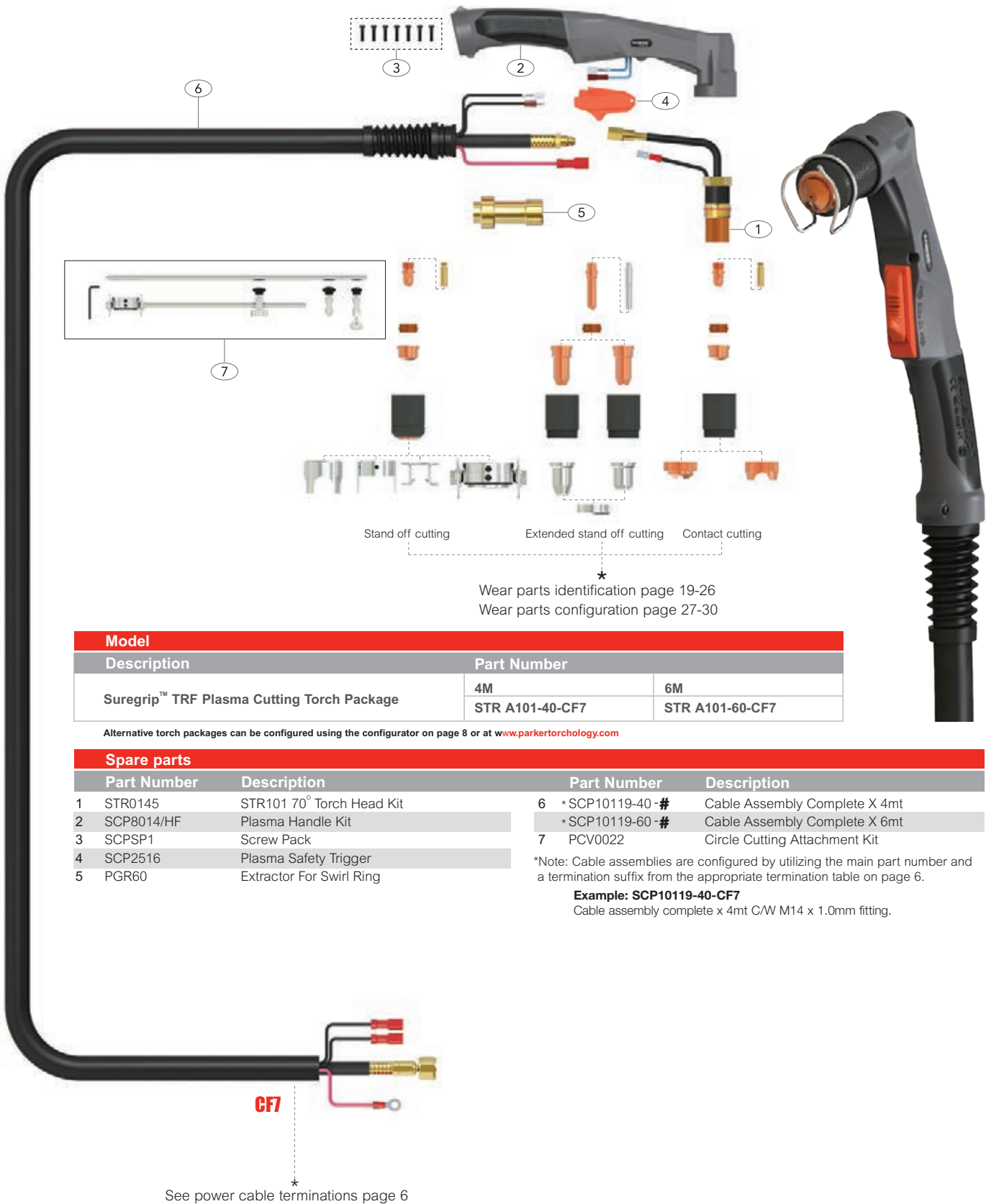
Cable assembly complete x 4mt C/W 3/8" BSP fitting.

See power cable terminations page 6

Suregrip™ TRF Plasma Cutting Torch Range



STR A101 Air-Cooled Cutting Torch Range
Rating: 100A Air/N₂ gas, @ 60% duty cycle.



Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR A101-40-CF7	STR A101-60-CF7

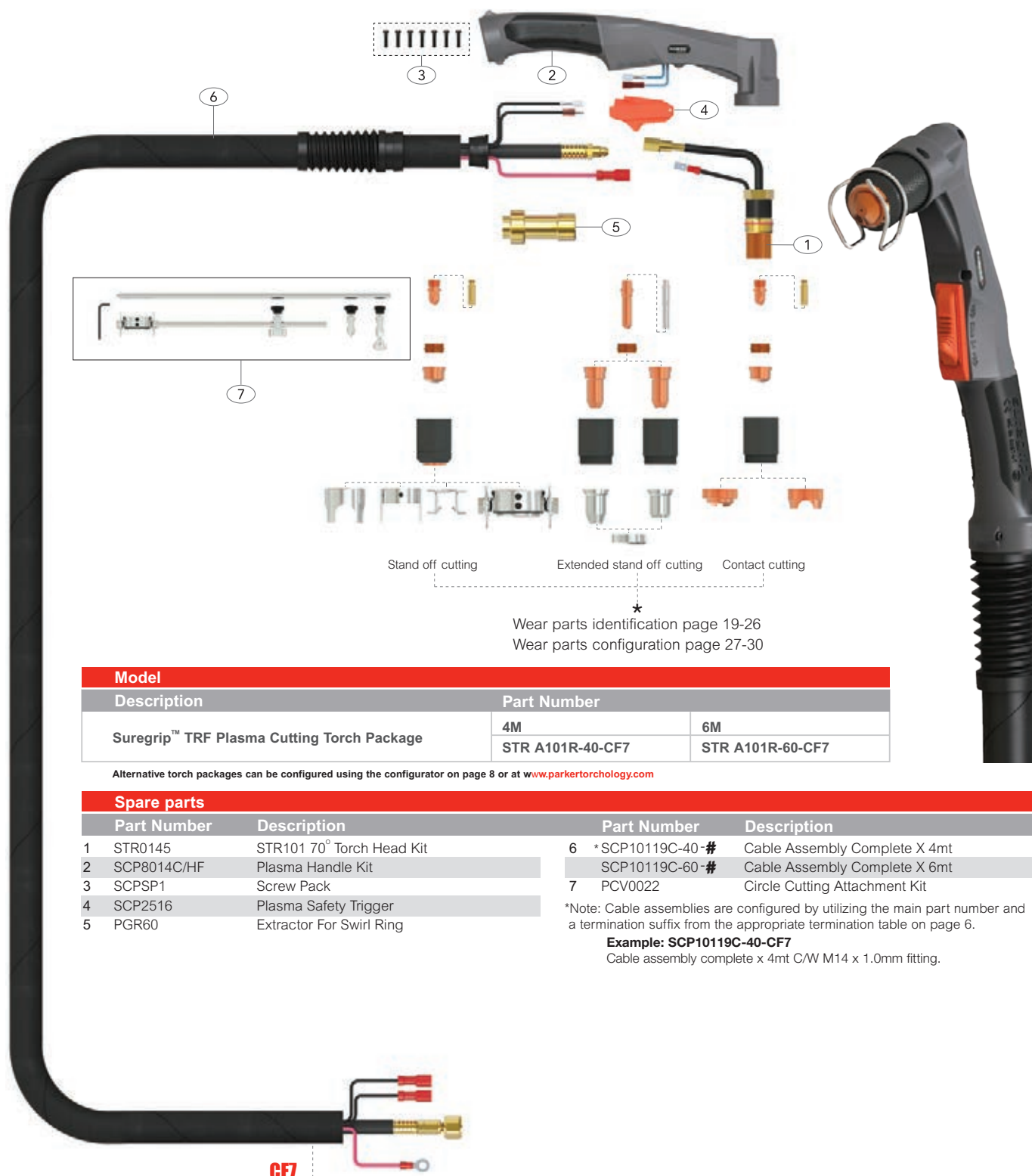
Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

Spare parts			
Part Number	Description	Part Number	Description
1	STR0145	STR101 70° Torch Head Kit	
2	SCP8014/HF	Plasma Handle Kit	
3	SCPSP1	Screw Pack	
4	SCP2516	Plasma Safety Trigger	
5	PGR60	Extractor For Swirl Ring	
6	*SCP10119-40-#	Cable Assembly Complete X 4mt	
	*SCP10119-60-#	Cable Assembly Complete X 6mt	
7	PCV0022	Circle Cutting Attachment Kit	

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.

Example: SCP10119-40-CF7
Cable assembly complete x 4mt C/W M14 x 1.0mm fitting.

STR A101R Air-Cooled Cutting Torch Range
Rating: 100A Air/N₂ gas, @ 60% duty cycle.



Stand off cutting Extended stand off cutting Contact cutting

★
Wear parts identification page 19-26
Wear parts configuration page 27-30

Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR A101R-40-CF7	STR A101R-60-CF7

Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

Spare parts			
Part Number	Description	Part Number	Description
1	STR0145	STR101 70° Torch Head Kit	
2	SCP8014C/HF	Plasma Handle Kit	
3	SCPSP1	Screw Pack	
4	SCP2516	Plasma Safety Trigger	
5	PGR60	Extractor For Swirl Ring	
6	*SCP10119C-40-#	Cable Assembly Complete X 4mt	
	SCP10119C-60-#	Cable Assembly Complete X 6mt	
7	PCV0022	Circle Cutting Attachment Kit	

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.

Example: SCP10119C-40-CF7

Cable assembly complete x 4mt C/W M14 x 1.0mm fitting.

★
See power cable terminations page 6

Suregrip™ TRF Plasma Cutting Torch Range



STR A141 Air-Cooled Cutting Torch Range
Rating: 140A Air/N₂ gas, @ 60% duty cycle.



Stand off cutting Gouging Extended stand off cutting Contact cutting

★
Wear parts identification page 19-26
Wear parts configuration page 27-30

Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR A141-40-CF7	STR A141-60-CF7

Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

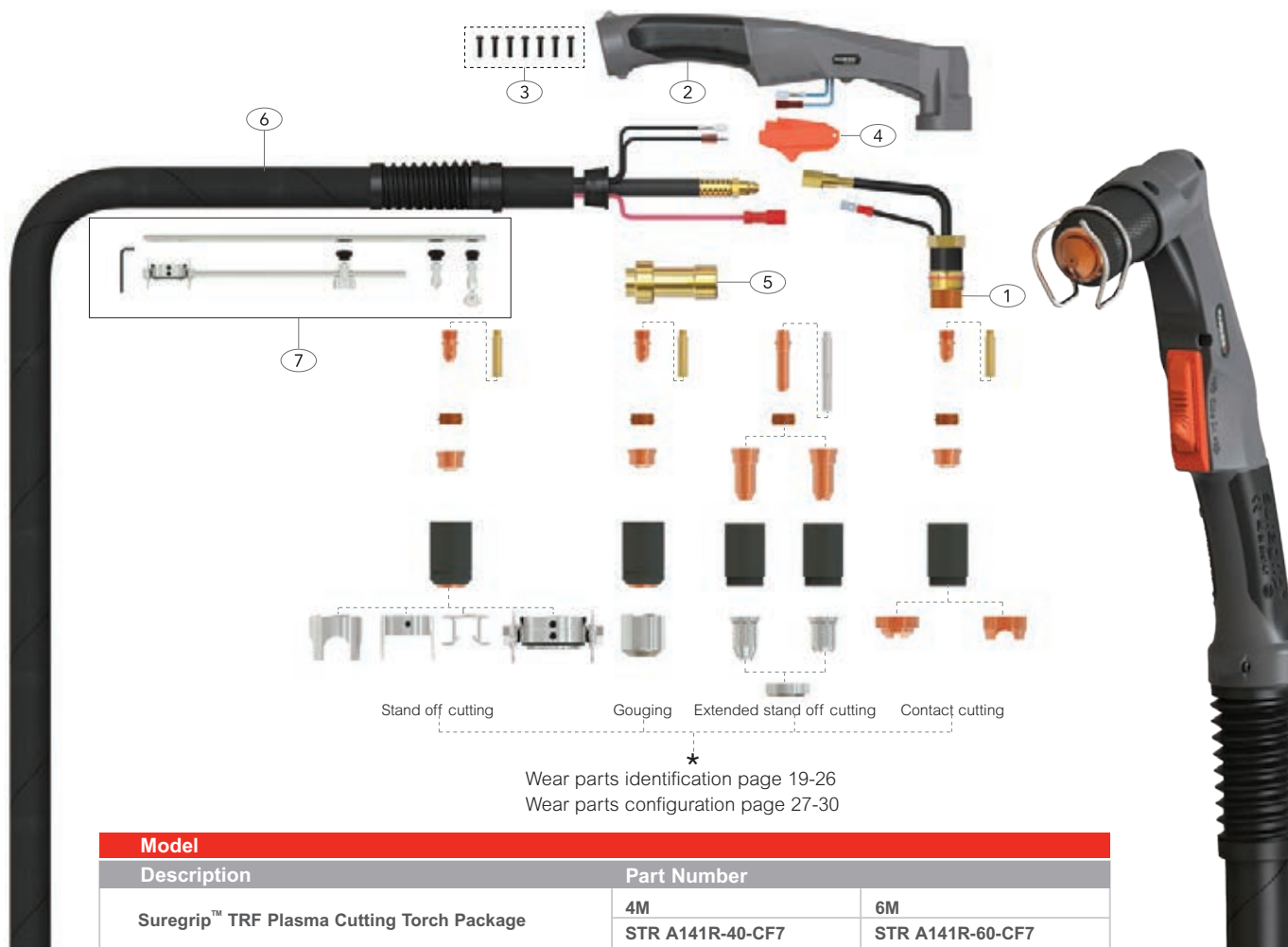
Spare parts			
Part Number	Description	Part Number	Description
1	STR0155	STR141 70° Torch Head Kit	
2	SCP8014/HF	Plasma Handle Kit	
3	SCPSP1	Screw Pack	
4	SCP2516	Plasma Safety Trigger	
5	PGR60	Extractor For Swirl Ring	
6	*SCP10119-40-#	Cable Assembly Complete X 4mt	
	*SCP10119-60-#	Cable Assembly Complete X 6mt	
7	PCV0022	Circle Cutting Attachment Kit	

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.
Example: SCP10119-40-CF7
Cable assembly complete x 4mt C/W M14 x 1.0mm fitting.

CF7

★
See power cable terminations page 6

STR A141R Air-Cooled Cutting Torch Range
Rating: 140A Air/N₂ gas, @ 60% duty cycle.



Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR A141R-40-CF7	STR A141R-60-CF7

Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

Spare parts			
Part Number	Description	Part Number	Description
1 STR0155	STR141 70° Torch Head Kit	6 *SCP10119C-40-#	Cable Assembly Complete X 4mt
2 SCP8014C/HF	Plasma Handle Kit	*SCP10119C-60-#	Cable Assembly Complete X 6mt
3 SCPSP1	Screw Pack	7 PCV0022	Circle Cutting Attachment Kit
4 SCP2516	Plasma Safety Trigger		
5 PGR60	Extractor For Swirl Ring		

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.

Example: SCP10119C-40-CF7

Cable assembly complete x 4mt C/W M14 x 1.0mm fitting.

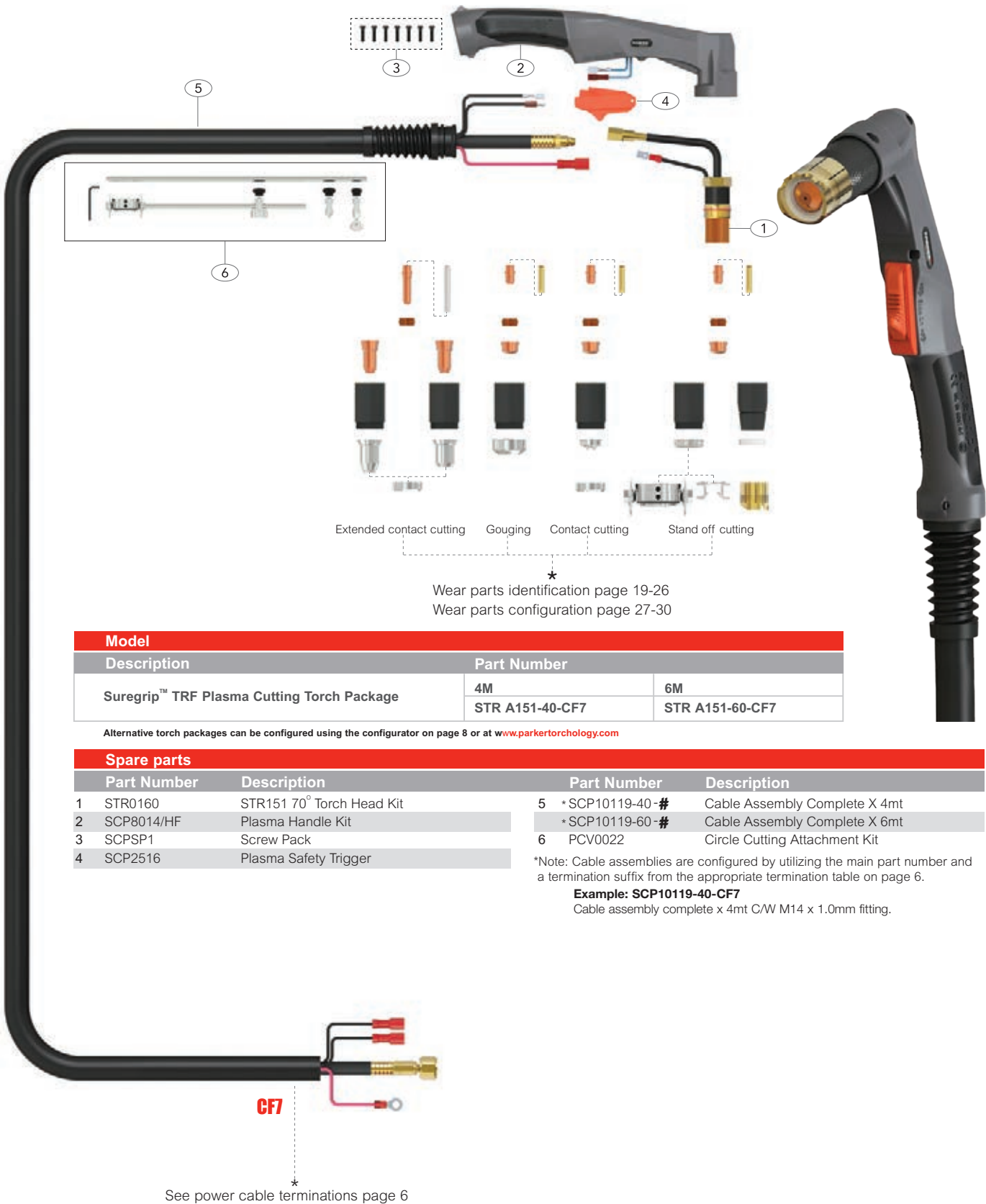
CF7

See power cable terminations page 6

Suregrip™ TRF Plasma Cutting Torch Range



STR A151 Air-Cooled Cutting Torch Range
Rating: 150A Air/N₂ gas, @ 60% duty cycle.



Model		
Description	Part Number	
Suregrip™ TRF Plasma Cutting Torch Package	4M	6M
	STR A151-40-CF7	STR A151-60-CF7

Alternative torch packages can be configured using the configurator on page 8 or at www.parkertorchology.com

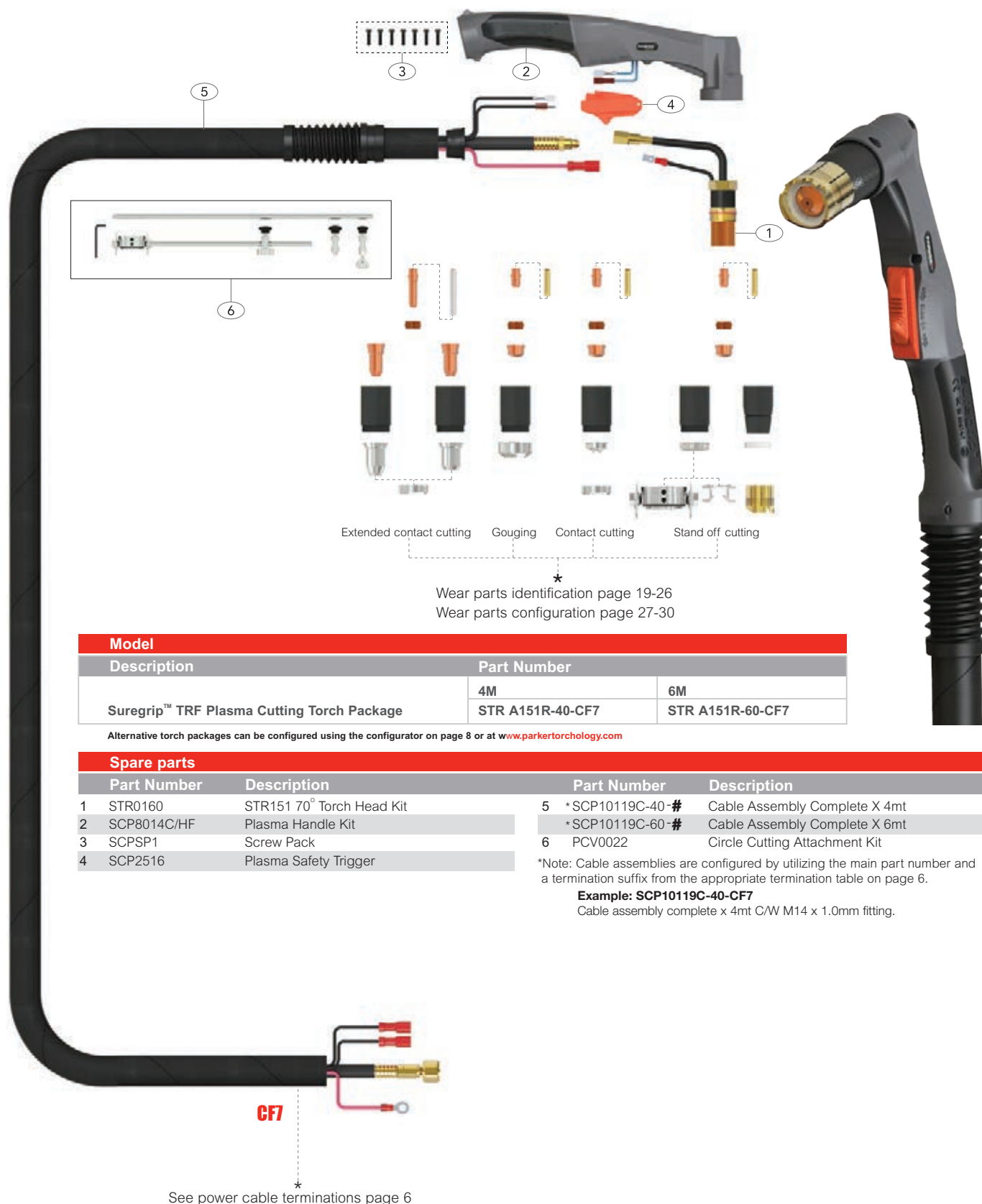
Spare parts			
Part Number	Description	Part Number	Description
1 STR0160	STR151 70° Torch Head Kit	5 *SCP10119-40-#	Cable Assembly Complete X 4mt
2 SCP8014/HF	Plasma Handle Kit	*SCP10119-60-#	Cable Assembly Complete X 6mt
3 SCPSP1	Screw Pack	6 PCV0022	Circle Cutting Attachment Kit
4 SCP2516	Plasma Safety Trigger		

*Note: Cable assemblies are configured by utilizing the main part number and a termination suffix from the appropriate termination table on page 6.

Example: SCP10119-40-CF7

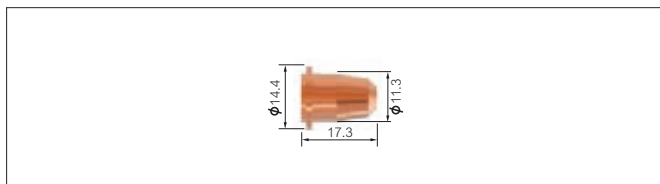
Cable assembly complete x 4mt C/W M14 x 1.0mm fitting.

STR A151R Air-Cooled Cutting Torch Range
Rating: 150A Air/N₂ gas, @ 60% duty cycle.

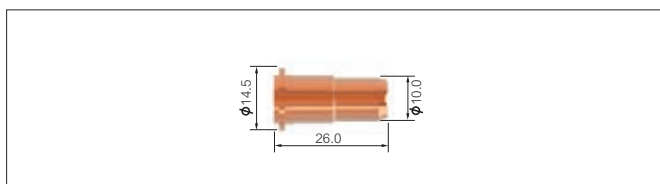


Cutting Tips

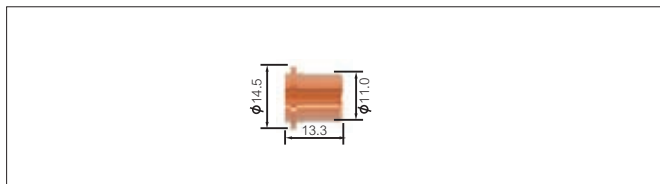
STR		S25K	
Part No.	Description	Bore ϕ A	Amps
* PPD0116-06	Cutting Tip	0.6mm	25A



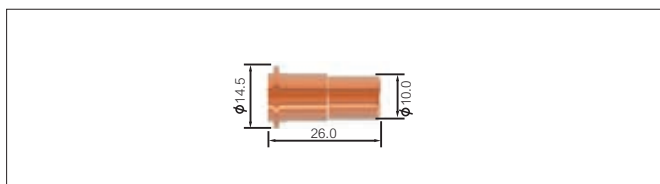
PPD0103-65	Cutting Tip	0.65mm	25A
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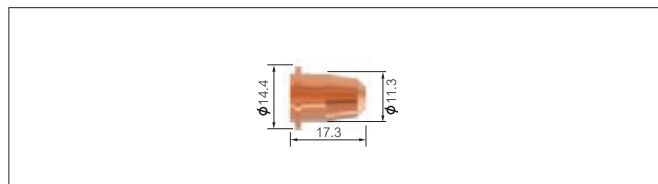
STR		A81/A81R	
Part No.	Description	Bore ϕ A	Amps
PPD0105-10	Cutting Tip	1.0mm	50A
PPD0105-11	Cutting Tip	1.1mm	60A
* PPD0105-12	Cutting Tip	1.2mm	70A



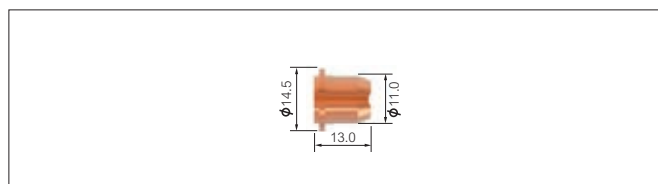
PPD0106-10	Cutting Tip Extended	1.0mm	50A
PPD0106-12	Cutting Tip Extended	1.2mm	70A



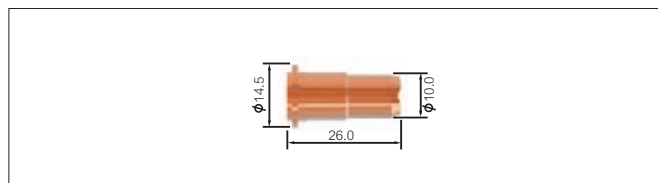
STR		S45	
Part No.	Description	Bore ϕ A	Amps
* PPD0116-08	Cutting Tip	0.8mm	30A



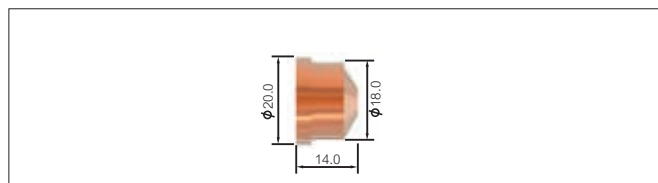
PPD0102-10	Cutting Tip	1.0mm	50A
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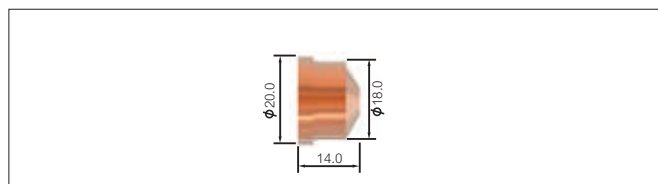
PPD0103-09	Cutting Tip Extended	0.9mm	40A
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STR		A141/A141R	
Part No.	Description	Bore ϕ A	Amps
* PPD0101-19	Cutting Tip	1.9mm	150A



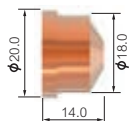
* PPD0101-30	Gouging Tip	3.0mm	150A
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* Denotes torch package standard wear part set up

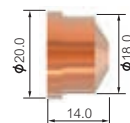
STR		A101/A101R/A141/A141R	
Part No.	Description	Bore ØA	Amps

PPD0101-11	Cutting Tip	1.1mm	60A
PPD0101-14	Cutting Tip	1.4mm	90A
* PPD0101-17	Cutting Tip	1.7mm	140A



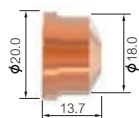
STR		A151/A151R	
Part No.	Description	Bore ØA	Amps

PPD0109-30	Gouging Tip	3.0mm	150A
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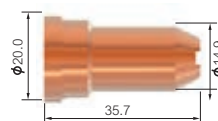
STR		A151/A151R	
Part No.	Description	Bore ØA	Amps

PPD0109-14	Cutting Tip	1.4mm	90A
PPD0109-16	Cutting Tip	1.6mm	120A
* PPD0109-18	Cutting Tip	1.8mm	150A

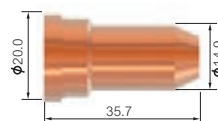


STR		A101/A101R/A141/A141R/A151/A151R	
Part No.	Description	Bore ØA	Amps

PPD0111-12	Cutting Tip Extended	1.2mm	70A
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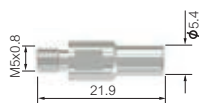
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A



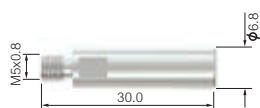
Electrodes

STR		S25K/S45	
Part No.	Description		

* PPR0110	Electrode		
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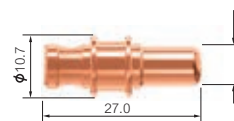


PPR0106	Electrode		
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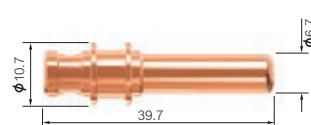


STR		A81/A81R	
Part No.	Description		

* PPR0109	Electrode		
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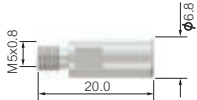


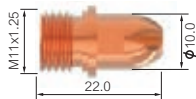
PPR0115	Electrode Extended		
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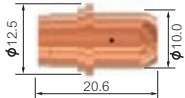


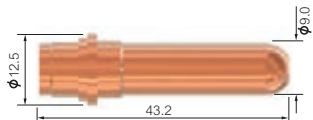
* Denotes torch package standard wear part set up

Electrodes

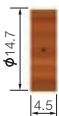
STR S45	
Part No.	Description
PPR0105	Electrode
	

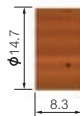
STR A101/A101R/A141/A141R	
Part No.	Description
* PPR0101	Electrode
	

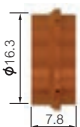
STR A151/A151R	
Part No.	Description
* PPR0111	Electrode
	

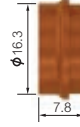
STR A101/A101R/A141/A141R/A151/A151R	
Part No.	Description
PPR0116	Electrode Extended
	

Swirl Rings

STR S25K/S45	
Part No.	Description
* PPE0106	Swirl Ring
	

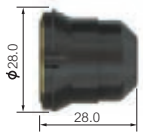
STR A81/A81R	
Part No.	Description
* PPE0107	Swirl Ring
	

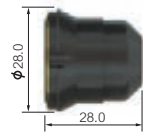
STR A101/A101R/A141/A141R	
Part No.	Description
* PPE0101	Swirl Ring
	

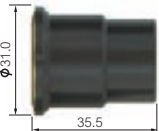
STR A101/A101R/A141/A141R/A151/A151R	
Part No.	Description
* PPE0103	Swirl Ring
	

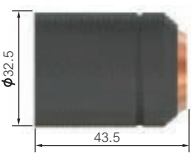
* Denotes torch package standard wear part set up

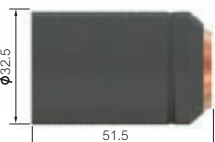
Retaining Caps


STR S25K	
Part No.	Description
* PPC0117	Retaining Cap, 2 Holes
	

STR S45	
Part No.	Description
* PPC0116	Retaining Cap, 6 Holes
	

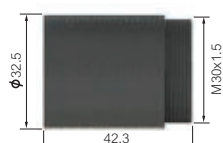
STR A81/A81R	
Part No.	Description
* PPC0115	Retaining Cap
	

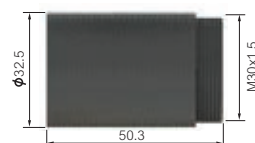
STR A101/A101R	
Part No.	Description
* PPC0111	Retaining Cap, Long Life
	

STR A141/A141R	
Part No.	Description
* PPC0102	Retaining Cap, Long Life
	

STR A151/A151R	
Part No.	Description
* PPC0120	Retaining Cap
	

Shield Cap Bodies

STR A101/A101R	
Part No.	Description
PPC0130	Shield Cap Body Max.Life
	

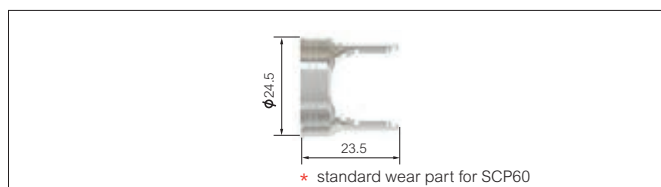
STR A141/A141R/A151/A151R	
Part No.	Description
PPC0131	Shield Cap Body Max.Life
	

* Denotes torch package standard wear part set up

Stand off Guides

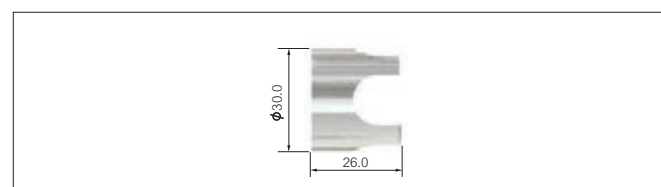
STR S45

Part No.	Description
* SCP2540	Double Pointed Spacer

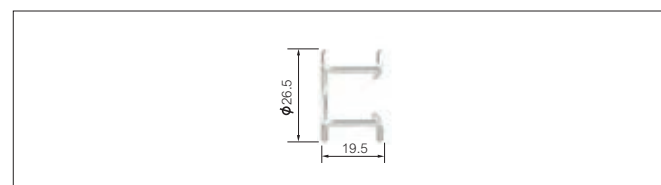


STR A81/A81R

Part No.	Description
PCV0033	Spacer Crown

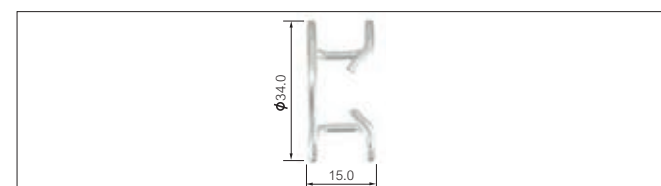


* PCV0028	Spacer Spring
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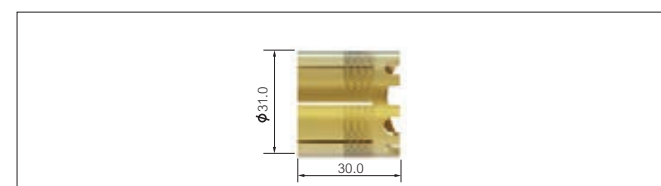


STR A151/A151R

Part No.	Description
P1394-150	Spacer Spring



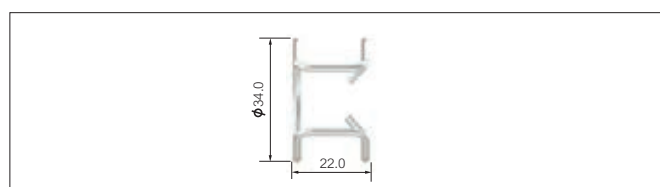
* PCV1105	Spacer Cage
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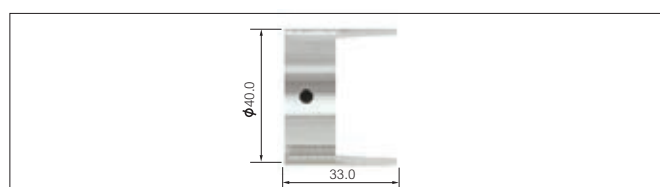
* Denotes torch package standard wear part set up

STR A101/A101R/A141/A141R

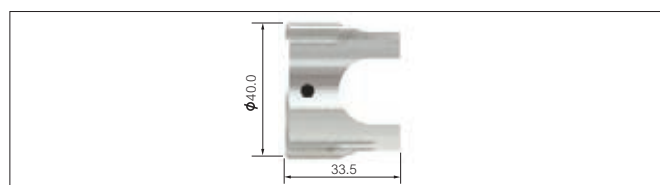
Part No.	Description
* PCV0011	Spacer Spring



PCV0012	Spacer Double Pointed
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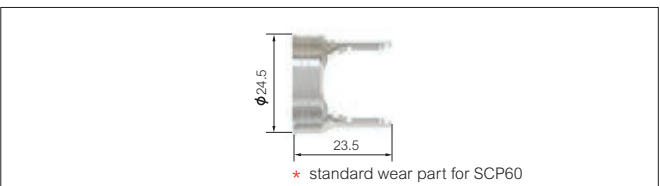


PCV0014	Spacer Crown
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STR S45

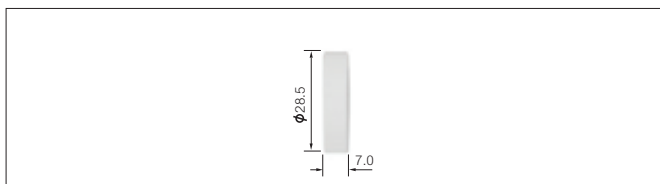
Part No.	Description
* SCP2540	Double Pointed Spacer



Shield Caps

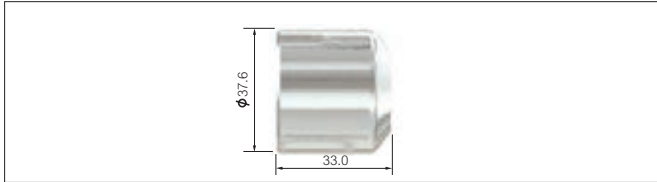
STR A151/A151R

Part No.	Description
* PBW0139	Nozzles Shield

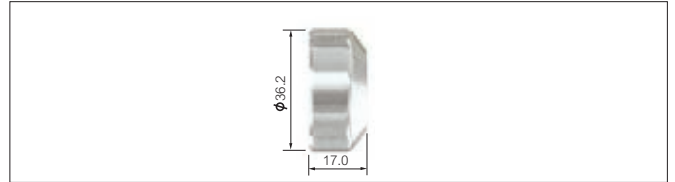


Spacer for Gouging

STR A141/A141R/A151/A151R	
Part No.	Description
PCV0013	Spacer Gouging

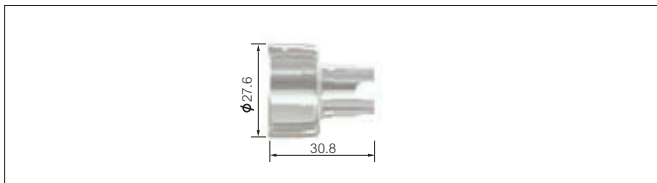


STR A151/A151R	
Part No.	Description
P1408G	Spacer Gouging

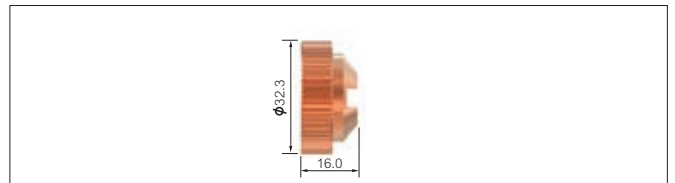


Spacer for Contact Cutting

STR A81/A81R	
Part No.	Description
PCV0201	Spacer Contact Cutting

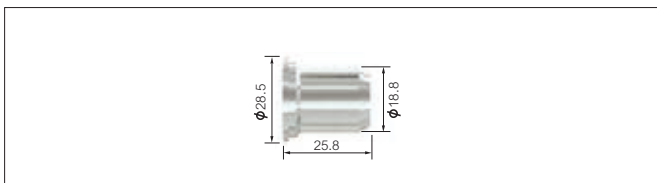


STR A101/A101R/A141/A141R	
Part No.	Description
PCV0023	Spacer Contact Cutting

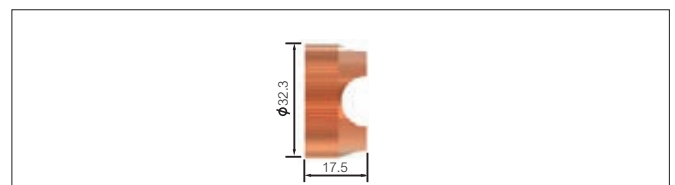
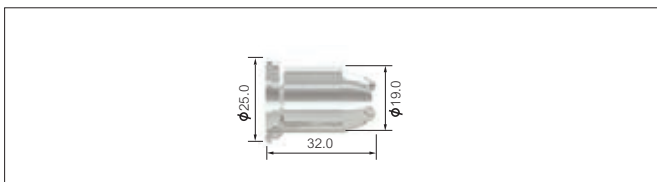


PCV0039	Spacer Contact Cutting Large
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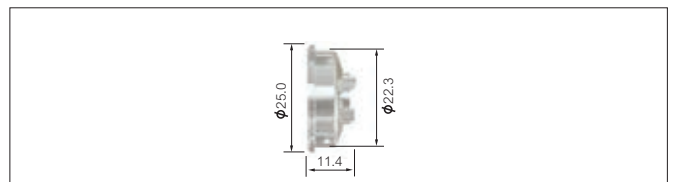
STR A101/A101R/A141/A141R/A151/A151R	
Part No.	Description
PCV0008	Spacer Contact Cutting



PCV0009	Spacer Contact Cutting
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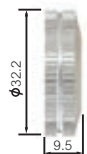


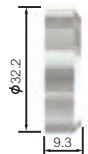
STR A151/A151R	
Part No.	Description
P1408C1	Spacer Contact Cutting



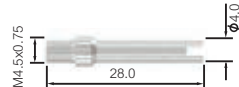
* Denotes torch package standard wear part set up

Locking Nut

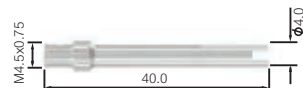
STR	A151/A151R
Part No.	Description
P1389CN	Locking Nut
	


STR	A101/A101R/A141/A141R/A151/A151R
Part No.	Description
P1408LN	Locking Nut
	

Cooling Tubes


STR	A81/A81R
Part No.	Description
* PFH0560	Cooling Tube
	

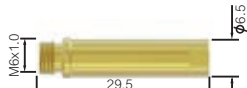
PFH0561	Cooling Tube Extended
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STR	A101/A101R
Part No.	Description
* PFH0562	Cooling Tube
	

PFH0562E	Cooling Tube Extended
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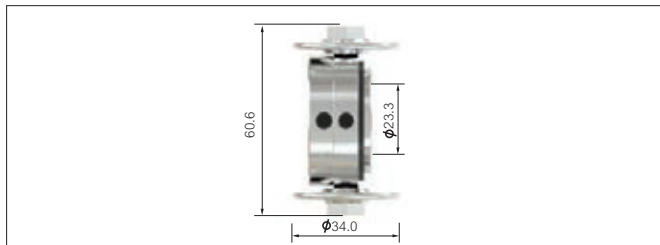
STR	A141/A141R/A151/A151R
Part No.	Description
* PFH0563	Cooling Tube
	

STR	A141/A141R/A151/A151R
Part No.	Description
PFH0563E	Cooling Tube Extended
	

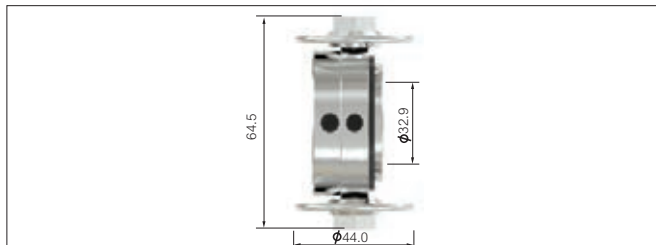
* Denotes torch package standard wear part set up

Cutting Buggies

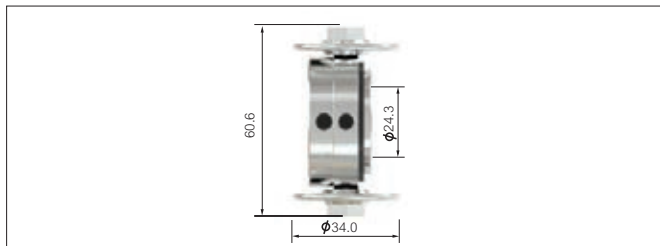
STR S25K/S45	
Part No.	Description
SCP2551	Cutting Buggy



STR A101/A101R/A141/A141R/A151/A151R	
Part No.	Description
PCV0021	Cutting Buggy

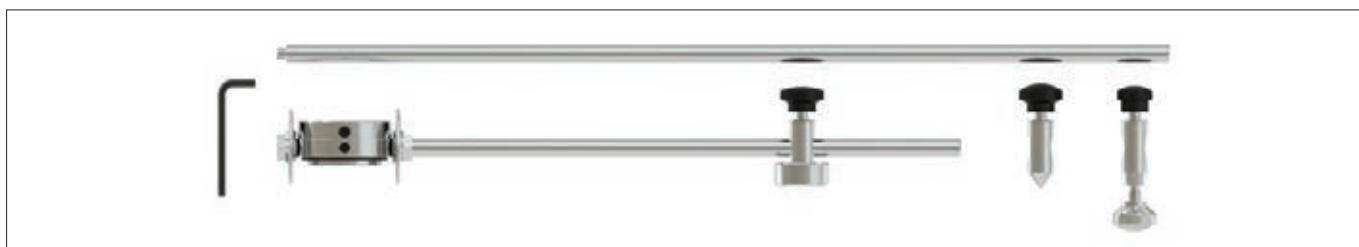


STR A81/A81R	
Part No.	Description
PCV0051	Cutting Buggy



Circle / Cutting Attachment Kits

STR S25K/S45		STR A81/A81R		STR A101/A101R/A141/A141R/A151/A151R	
Part No.	Description	Part No.	Description	Part No.	Description
SCP2550	Circle / Cutting Attachment Kit	PCV0052	Circle / Cutting Attachment Kit	PCV0022	Circle / Cutting Attachment Kit



* Denotes torch package standard wear part set up

Wear Parts Identification Tables

Wear Parts Configuration Tables

STR S25K Series

Stand off Cutting



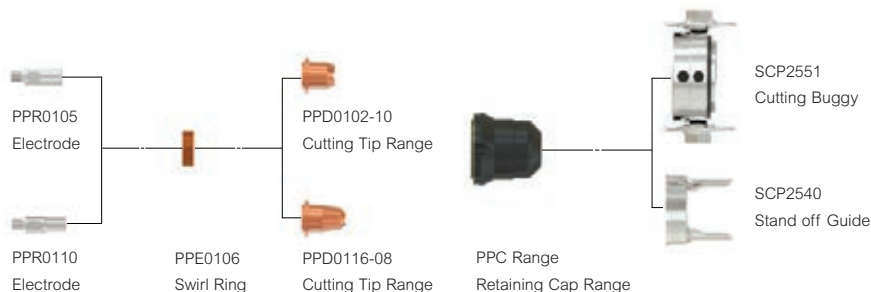
Extended Stand off Cutting



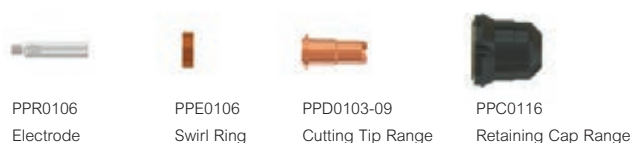
*Wear parts part number and sizes are available on pages 19-26

STR S45 Series

Stand off Cutting



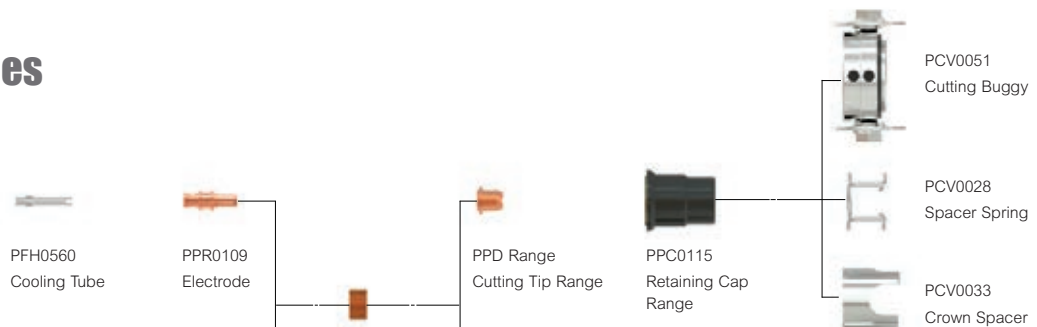
Extended Stand off Cutting



*Wear parts part number and sizes are available on pages 19-26

STR A81/A81R Series

Stand off Cutting



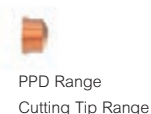
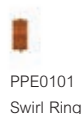
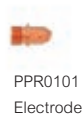
Extended Stand off Cutting



*Wear parts part number and sizes are available on pages 19-26

STR A101/A101R Series

Stand off Cutting



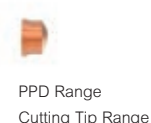
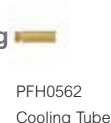
PCV0021
Cutting Buggy

PCV0011
Spacer Spring

PCV0012
Double Pointed
Spacer

PCV0014
Crown Spacer

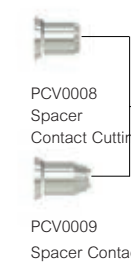
Extended Stand off Cutting



PCV0039
Spacer Large
Contact Cutting

PCV0023
Spacer Large
Contact Cutting

Extended Contact Cutting



PCV0008
Spacer
Contact Cutting

P1408LN
Locking Nut

PCV0009
Spacer Contact Cutting

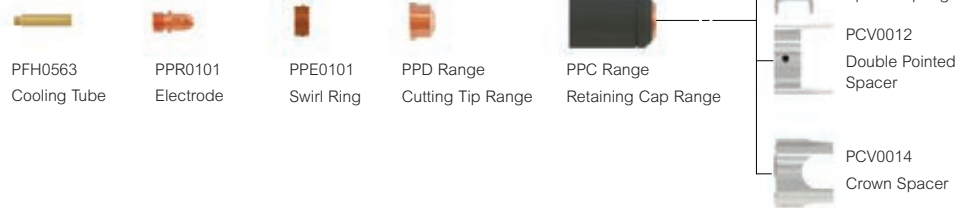
*Wear parts part number and sizes are available on pages 19-26

Wear Parts Identification Tables

Wear Parts Configuration Tables

STR A141/A141R Series

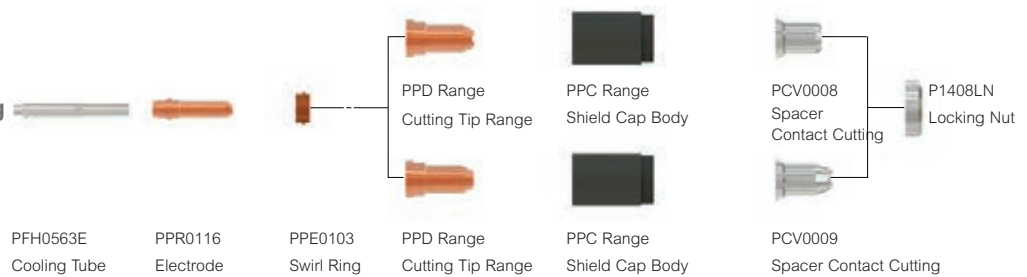
Stand off Cutting



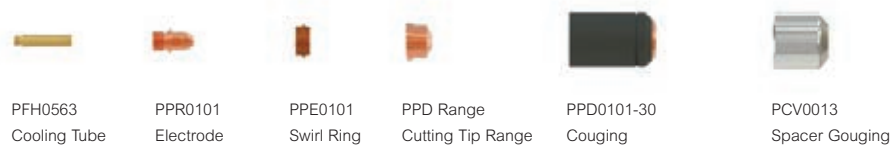
Contact Cutting



Extended Contact Cutting



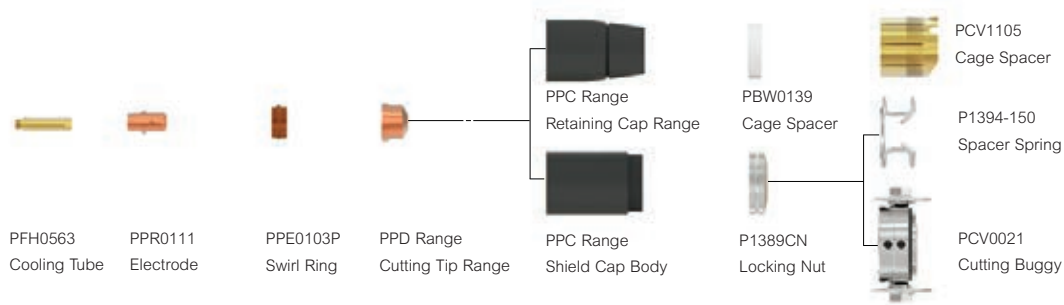
Gouging



*Wear parts part number and sizes are available on pages 19-26

STR A151/A151R Series

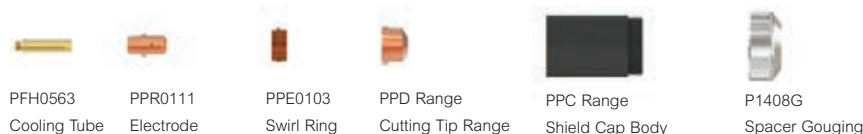
Stand off Cutting



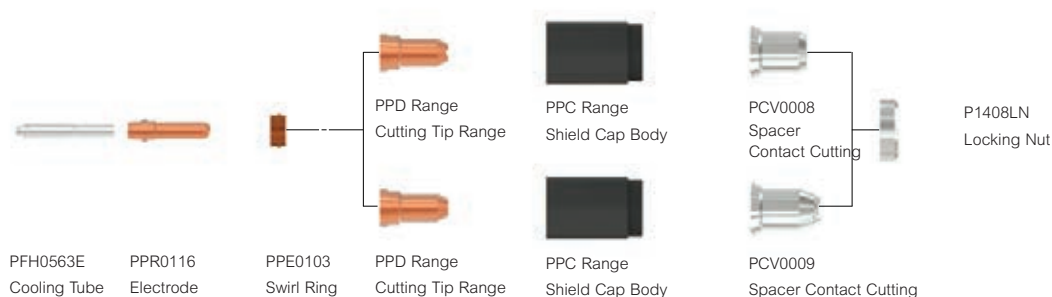
Contact Cutting



Gouging



Extended Contact Cutting



*Wear parts part number and sizes are available on pages 19-26

Product Range:

MIG/MAG

- Welding torches
- Analogue/Digital control torches
- Spool-on/Push Pull torches
- Robotic/Automatic torches

TIG

- Welding torches
- Analogue/Digital control torches
- Automatic torches

PLASMA

- Cutting torches
- Automatic torches

WELDING ACCESSORIES

- Machine side connectors
- Cable plugs and sockets

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MPP001 / V.2016.03

The design, manufacturing and quality systems of Parker Torchology
are certified by BVQI in accordance with ISO 9001-2008

All products conform to EN60974-7 CE   RoHS2 REACH 