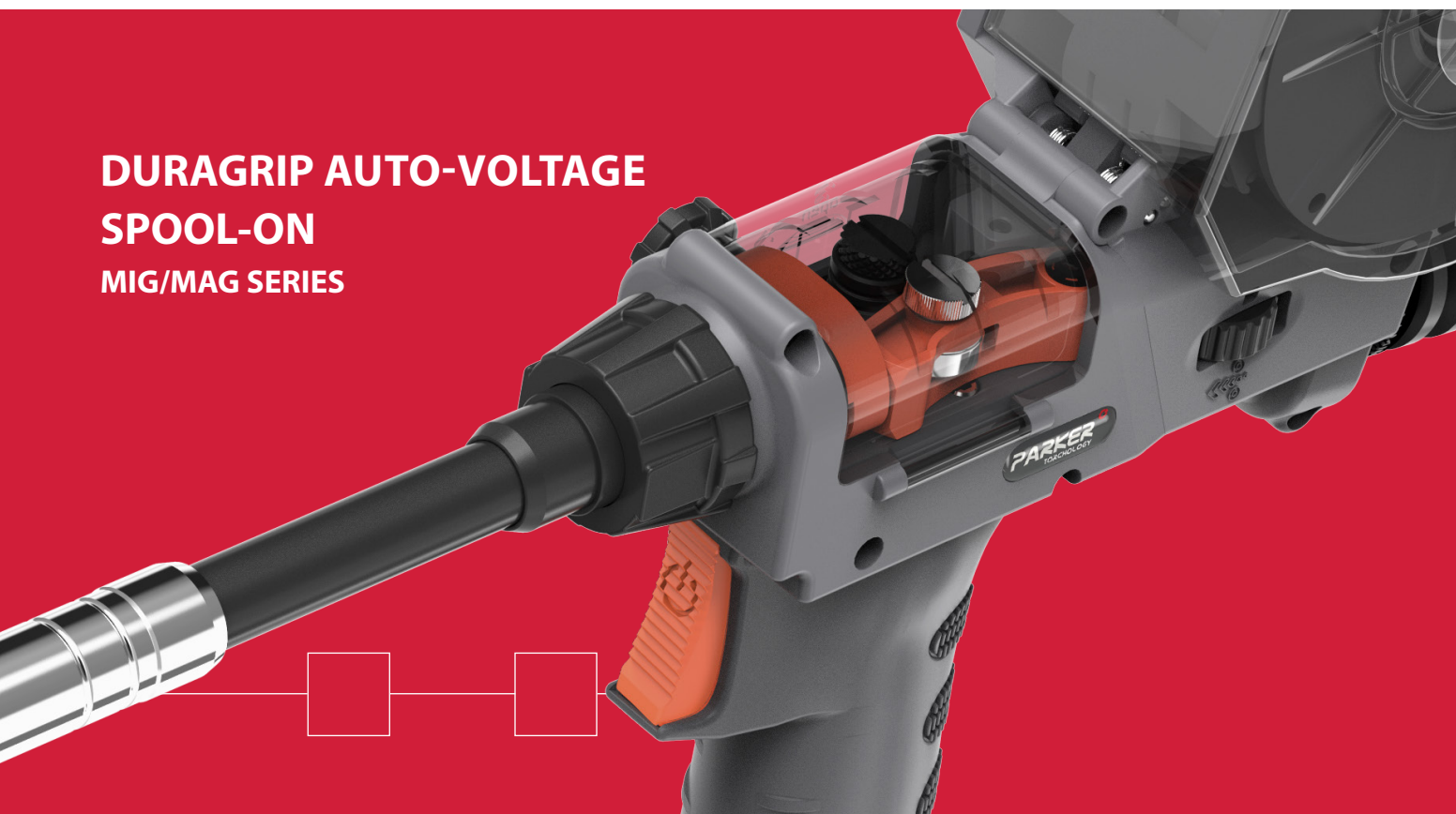


Welding Tools for the Professional

DURAGRIP AUTO-VOLTAGE SPOOL-ON MIG/MAG SERIES



Contents

Spool - On Gun Feature Focus	46-47
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Torch Range

Auto Voltage 360 Spool - On Gun	48-49
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Feature Focus

Air-Cooled Feature Focus

Automatic Voltage Adjustment Guns can be mounted directly to the power source without the need to identify motor input voltage or the re-configuration of power source wiring systems.

The on-torch mounted control unit automatically configures the required motor voltage and integrates with the power source.

A Cost Effective Solution for Long Distance and Low Deposition Welding



100% Binzel[®] Wear Parts Compatibility Guaranteed

Quality Wear Parts

All wear parts are manufactured to exacting specifications ensuring reliability, longevity and superior performance

- The same wear parts are utilized as standard BZL ranges minimizing stock handling

Ergonomics – For Comfort and Handleability

Every detail has been considered to ensure the welder has the very best handling

- New lightweight single piece coax system
- A knuckle joint enables small movements of the handle independently from the cable assembly
- Improved balance and positionability resulting in reduced welder fatigue



Infinitely Adjustable Wire Tension

- A unique lever action wire retainer and brake system holds all soft wire spools in place at the correct brake tension
- A further secondary brake system is integrated into the spool holder for independent adjustment of larger steel wires on all torches over 200 Amp

Feature Focus

Welding Tools for the Professional



Precision and Visibility

- Precise and constant wire feed
- Contact pressure of the feed rollers regulated directly on the handle
- Transparent window for quick and easy reference to all moving parts
- Rapid access for wire changes

Torch mounted control system

No machine wiring required

- Single voltage motor suits all power source types
- On-torch speed adjustment
- Faster wire speeds than conventional PCB system



Terminations

- Terminations available in Euro and direct plug options
- The Euro body has been redesigned to improve gas seal integrity in Argon applications
- Our spring pins – often copied can't be beaten

The Smart Way To Buy Welding and Cutting Tools

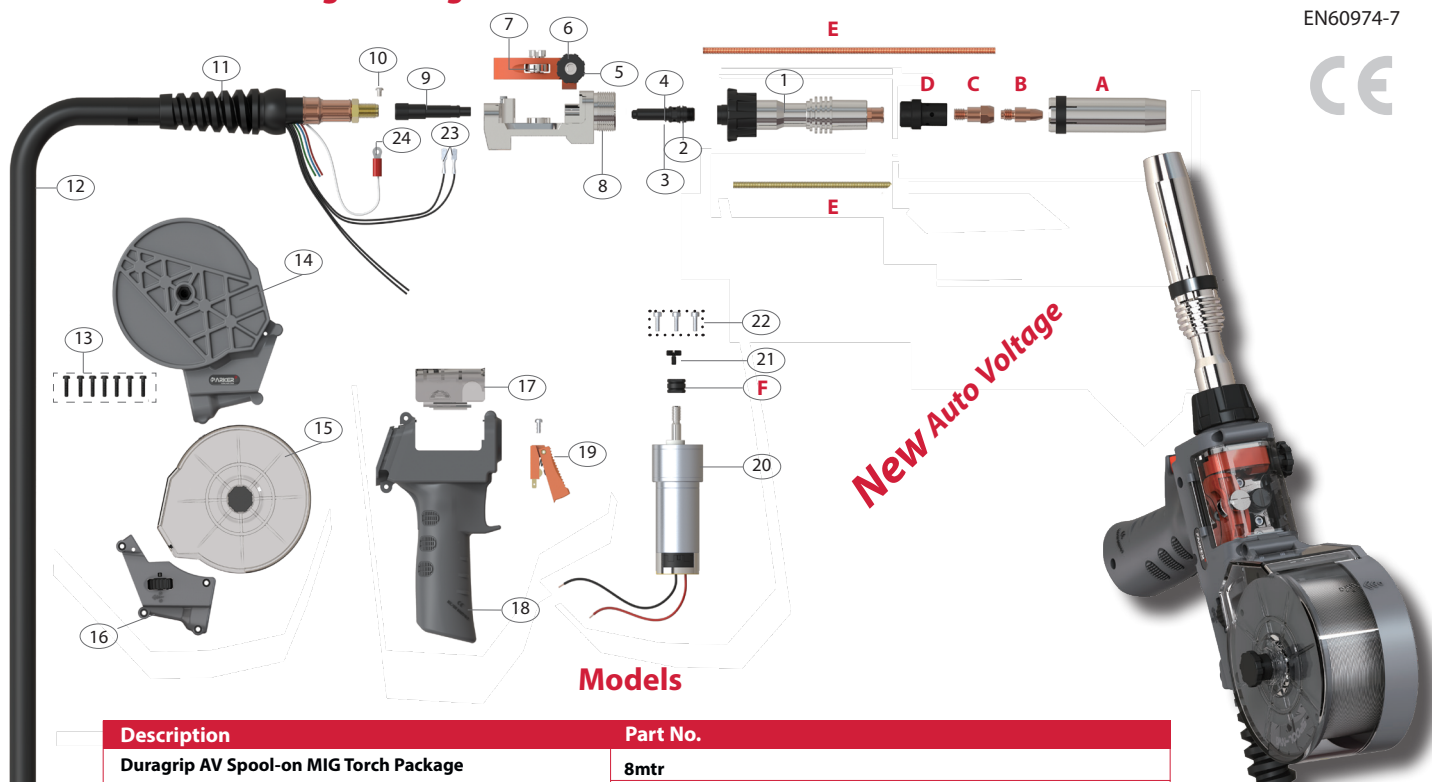


DSPAV 360A Duragrip Spool-On

Air-Cooled Mig Welding Torch

Rating: Long Neck + M8 Tip 300A CO₂ 270A mixed gas, @ 35% duty cycle. 0.8 to 1.2mm wires

EN60974-7



Description

Duragrip AV Spool-on MIG Torch Package
Straight Neck / Euro End

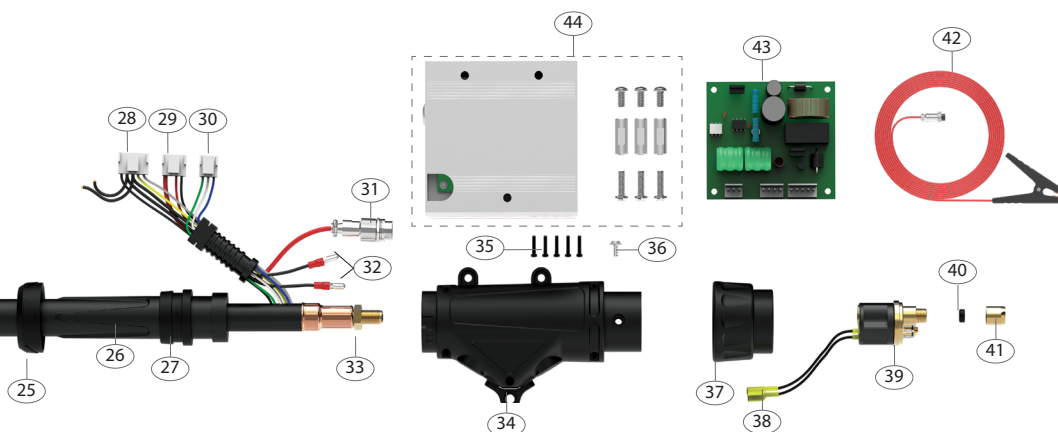
Part No.

8mtr
DSPAV360A-A180-P10-80ER

Spare Parts

Item	Part No.	Description	Qty
1	SGP3603A	Swan Neck Assembly Straight	1
2	P9X1.5	O-Ring	5
3	P7X1.5	O-Ring	5
4	PGP36006	Jump Liner Nipple	1
5	PGP36402B	Tension Knob	1
6	PGP36402	Pressure Arm Assembly	1
7	PGP36402R	Pressure Roll	1
8	PSP36001	Motor Body	1
9	PSP36006	Wire Guide Tube	1
10	SCP2563	Screw	5
11	PMIG8015	Cable Support c/w Ball Joint	1
12	DSPCB3617-80ER	Coax Cable Assembly Euro Type x 8mtr	1

Item	Part No.	Description	Qty
13	PKA3X20	Handle Screw Pack (x7)	1
14	PSP2515SP-B	Wire Spool Holder	1
15	PSP2515SP-C	Wire Spool Cover	1
16	PSP2515SP-PT-10K	Wire Speed Control 10K Ω	1
17	PGP2514-C	Push-Pull Handle Cover	1
18	PCSP2515-KJ	Spool-On Handle	1
19	PGP2516	Straight Trigger Assembly	1
20	SGP7020-24	Motor 24V DC	1
21	PGP7020-24-4	Drive Roll Retain Screw	1
22	PGPMS1	Motor Screw Pack (x3)	1
23	PB1521	Cable Terminal	10
24	SCP2597	Circular Cable Terminal	10



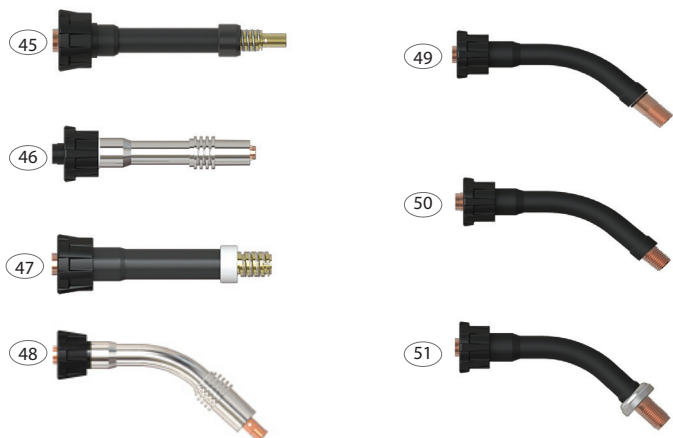
DSPAV 360A Duragrip Spool-On

Rear End Parts

Item	Part No.	Description	Qty
25	PSC8018	Housing Lock Nut	1
26	PPA3541	Cable Support	1
27	PSP-SLH917-L	Cable Support Connector	1
28	PVH3.96-T-5A	5A Connector Female	1
29	PVH3.96-T-4A	4A Connector Female	1
30	PVH3.96-T-3A	3A Connector Female	1
31	PGX12-K2	Earth Lead Cable Plug	1
32	PB1522	Cable Terminal Male	1
33	PB1505	M10 x 1.0mm Lock Nut	5
34	PSP5022	Housing Assembly c/w Control Box Brackets	1
35	PWN5452-25X12	Housing Screw (x5)	1
36	PBL1541	Gun Plug Screw	5
37	PB1519/S	Euro Housing Nut Assembly	1
38	PB1523	Gun Plug Terminal Female	10
39	PC1528	Hybrid Gun Plug Body c/w Spring Pins	1
40	PB1525W	Gas Seal Gasket	5
41	PB1525	Liner Nut	1
42	PSP-EL	Earth Lead Wire c/w Clamp x 4mtr	1
43	PSPCB-BOX-PCB	Control Box PCB Assembly	1
44	PSPCB-BOX	Control Box And Mounting Kit	1

Optional Swan Necks

Item	Part No.	Style	Qty
45	PSP1501	BZL 150	1
46	PSP2401A	BZL 240	1
47	PSP2501	BZL 250	1
48	SGP3603	BZL 360	1
49	PLS-PPTW4	TWC 400	1
50	PLS-PPBN400	BND 400	1
51	PLS-PPTR-400	TRG 400	1



* Denotes torch standard wear parts set up

A - Nozzles

Part No.	Description	Bore ø	Wall	Material	Qty
PB3615	Cylindrical Nozzle (HD)	19.0mm	2.25mm	Copper	5
PB3616	Conical Nozzle (HD)	16.1mm	2.25mm	Copper	5
PB3617	Tapered Nozzle (HD)	12.0mm	2.25mm	Copper	5

B - Contact Tips (M8 X 30mm)

Part No.	Description	Material	Wire Size	Qty
Standard Contact Tips				
PB4014-08	Contact Tip M8	Cu (Std)	0.8mm	25
PB4014-10	Contact Tip M8	Cu (Std)	1.0mm	25
PB4014-12	Contact Tip M8	Cu (Std)	1.2mm	25
Aluminium Contact Tips				
PB4014-08A	Contact Tip M8 (Alu)	Cu (Std)	0.8mm	25
PB4014-10A	Contact Tip M8 (Alu)	Cu (Std)	1.0mm	25
* PB4014-12A	Contact Tip M8 (Alu)	Cu (Std)	1.2mm	25

Heavy Duty Contact Tips

PB4015-08	Contact Tip M8	CuCrZr (HD)	0.8mm	25
PB4015-10	Contact Tip M8	CuCrZr (HD)	1.0mm	25
PB4015-12	Contact Tip M8	CuCrZr (HD)	1.2mm	25

C - Tip Adaptors

Part No.	Description	Material	Qty
* PB3613	Tip Adaptor M6 x 31.5mm	Brass	5
PB3614	Long Tip Adaptor M8 x 34.0mm	Brass	5

D - Diffusers

Part No.	Description	Material	Qty
* PB3605B	Black Diffuser	DMC3	10
PB3605C	White Diffuser	Ceramic	10
PB3605W	White Diffuser	DMC3	10

E - Liners

Part No.	Description	Material	Qty
PGP3602	Jump Liner For Bent Neck	Brass	1
* PGP3602A	Jump Liner For Straight Neck	Brass	1

F - Drive Rolls

Part No.	Description	Qty
SGP7020W-08	Drive Roll For Steel Wire ø 0.8	1
SGP7020W-09	Drive Roll For Steel Wire ø 0.9	1
SGP7020W-10	Drive Roll For Steel Wire ø 1.0	1
SGP7020W-08U	Drive Roll For Aluminium Wire ø 0.8	1
SGP7020W-09U	Drive Roll For Aluminium Wire ø 0.9	1
* SGP7020W-10U	Drive Roll For Aluminium Wire ø 1.0	1
SGP7020W-12U	Drive Roll For Aluminium Wire ø 1.2	1

For any other wear parts not listed please see pages 77-88