

SUREGRIP MULTI-MIG
MIG/MAG SERIES



Welding Tools for the Professional

A Smart Approach

Parker Torchology is shaped by people with vision, a passion for improvement and a belief in delivering the very best Welding and Cutting Torch Range in the World.

We expect a great deal from our products, so we ask a lot of ourselves and our engineers.

Our mantra: **Innovation, Technology, Performance.**



DNA

Design and Engineering excellence are at the core of everything we do.

Every torch we build is driven by our relentless pursuit of perfection.

Premium Features

At Parker Torchology we do things differently, we strive to solve your problems with the perfect product to suit your needs. We create smart product features encased in cutting-edge design to ensure you always have the best tools to hand.





Production

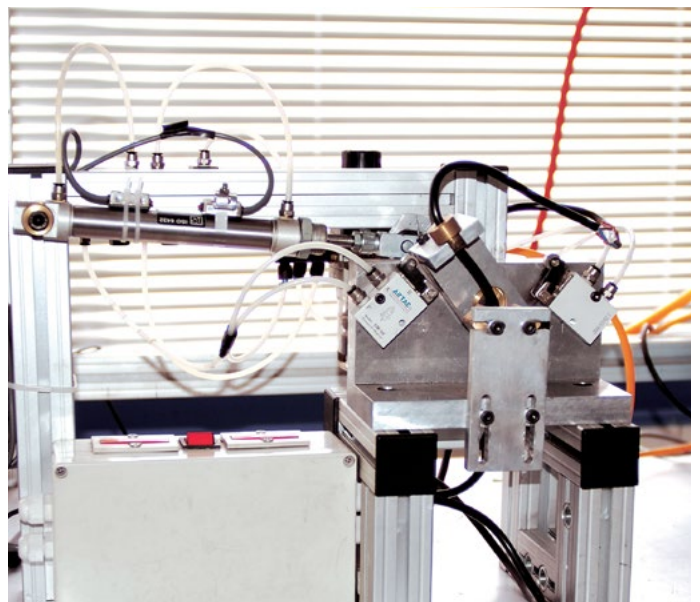
A fusion of precision production engineering, our bespoke processing techniques and a fanatical attention to detail ensures every welding torch we produce is worthy of the Parker Torchology name.

Testing, Testing, Testing

It takes patience to develop a new product, it's a lot more than a great idea.

Product development is an iterative process, trying something over and over, changing one small variable at a time.

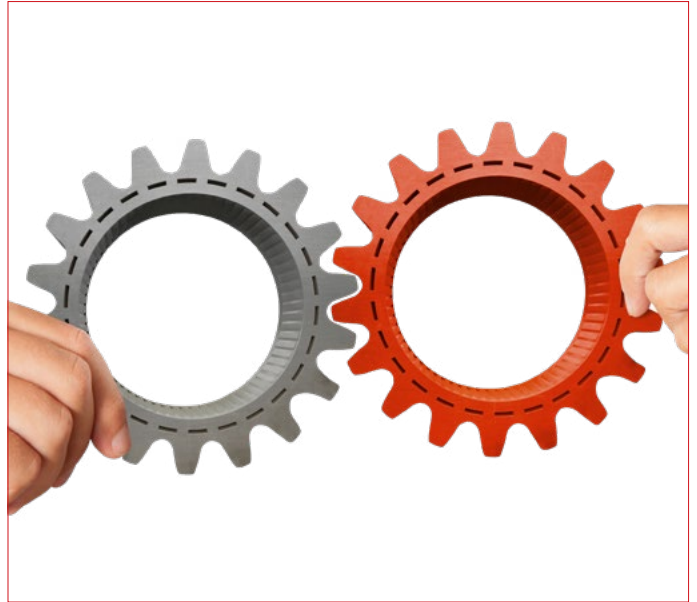
We build endless prototypes and test pieces that undergo months of rigorous testing. Only once a product has passed up to 88 different test procedures, with every single part tested separately do we consider our latest designs ready for market.



Partners

Our customers and business partners play a vital role in our development. With the core aim to strive together, we work with end-users, distributors and academic institutions alike.

As a result we share fundamental values in order to succeed in our respective market places, supporting economic growth and collaborative opportunities with others.



A Bright Future

Technology doesn't stand still, which is why we are constantly innovating to bring you the best products on the market.

Our strong vision and focused innovation strategy, not to mention our passion to revolutionize the industry, ensure that Parker Torchology is a byword for excellence.

We Talk Torches

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Suregrip Multi-Mig/Mag Torch Range

Air-Cooled Features Focus

Air-Cooled

An analogue controlled series of Mig torches offering 2 and 4 way control directly from the handle.

Preset Programme Control



100% Binzel® Wear Parts Compatibility Guaranteed

Quality Wear Parts

All wear parts are manufactured to the same specification as the original manufacturer ensuring reliability, longevity and superior performance

- Contact tips are manufactured using high quality copper alloys
- Standard and high-performance options are available for tip adaptors, diffusers and swan necks

Ergonomics - For Comfort and Handleability

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

- Screwless designed handle with maximized soft grips for improved balance and positionability
- Torch handles disassemble in 5 seconds for rapid fault analysis
- Handles engineered to prevent trapped wires
- The addition of a knuckle joint enables small movements of the handle and neck independently of the cable assembly
- Cable supports are designed to combine flexibility with smooth and consistent wire feed



Control Systems

Control of the welding machine parameters via analogue switching on the torch handle

- Welding programmes or parameter changes controlled via slave switches on the torch module
- All module signalling via a 5 core switch lead and separate control plug
- Easily interfaced to all existing analogue controlled equipment

Features Focus

Welding Tools for the Professional



"Plug and Play" Configurability

One + Plus system configured to your exact needs

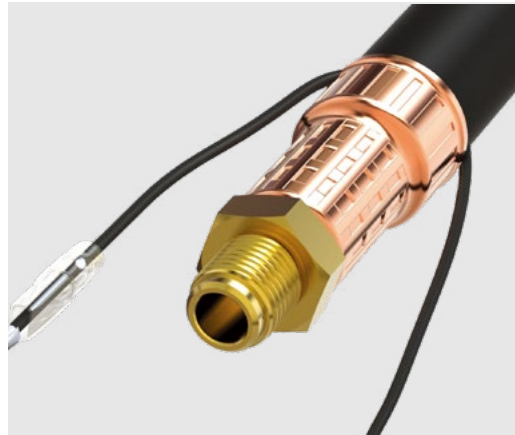
Control modules are fully interchangeable and plug and play on a common track system

- "Plug and play" switch interchangeability in seconds! - try it
- Options include: -
 - 2 way module Up / Down Control
 - 4 way module Up / Down Control x 2



Cable Assembly

Cable sets are produced from separate elements and housed in a durable canvas sheath



Ease of Maintenance

Functionality and ease of repair

- Screwless design solutions. Euro housing sets ensure minimum downtime and productivity – No tools required!
- 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

Suregrip Multi-Mig/Mag Torch Range

Liquid-Cooled Features Focus

An analogue controlled series of Mig torches offering 2 and 4 way control directly from the handle.

Liquid-Cooled

Preset Programme Control



100% Binzel® Wear Parts Compatibility Guaranteed

Premium Performance Wear Parts

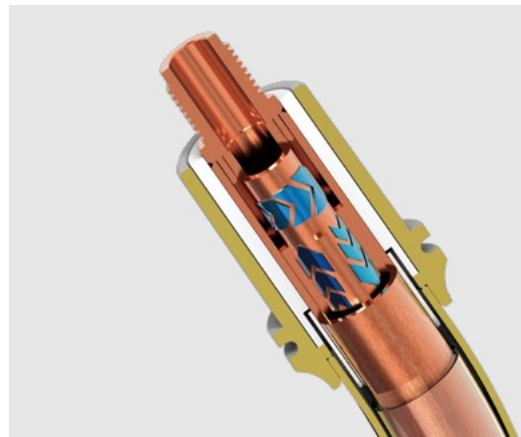
All front-end wear parts are manufactured to improve current transfer and increase component longevity and ensure superior performance

- Contact tips are manufactured from premium grade copper alloys; we don't sacrifice performance by using low end or recycled raw materials
- Optional high conductivity tip adaptors and heavy duty diffusers are available

Swan Necks

Engineered For Extended Service Life

- Chrome plated nozzle seat provides extra durability
- Tip adaptor seats produced from a special grade copper alloy for increased service life



Control Systems

Control of the welding machine parameters via analogue switching on the torch handle

- Welding programmes or parameter changes controlled via slave switches on the torch module
- All module signalling via a 5 core switch lead and separate control plug
- Easily interfaced to all existing analogue controlled equipment

Features Focus

Welding Tools for the Professional



"Plug and Play" Configurability

One + Plus system configured to your exact needs

Control modules are fully interchangeable and plug and play on a common track system

- "Plug and play" switch interchangeability in seconds! - try it
- Options include: -
 - 2 way module Up / Down Control
 - 4 way module Up / Down Control x 2

Superior Flexibility and Durability

Hydroflex cable systems

- Cable set materials enhanced to increase service life
- High grade outer liner material prolongs flex life,,, over 1 million flexes in tests
- The copper conductor is coated to prevent premature corrosion from poor quality water and coolant additives



Ease of Maintenance

Functionality and ease of repair

- Screwless design solutions. Euro housing sets ensure minimum downtime and productivity – No tools required!
- 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

Suregrip Multi-Mig/Mag Torch Range

Ratings: 220 Amp to 550 Amp, Mixed Gas



| Model | MMB 240A | MMB 260A | MMB 360A |
|---------------------------------|----------------------|----------------------|----------------------|
| Technical Data | | | |
| Cooling Method | Air-Cooled | Air-Cooled | Air-Cooled |
| Rating: CO ₂ | 250A | 270A | 320A |
| Rating: Mixed Gas | 220A | 240A | 290A |
| Rating: Pulse | - | - | - |
| Duty Cycle | 60% | 60% | 60% |
| Wire Size | 0.8-1.2 | 0.8-1.2 | 1.0-1.2 |
| Minimum Water Flow | - | - | - |
| Minimum Water Inlet Pressure | - | - | - |
| Minimum Cooling Requirements | - | - | - |
| Maximum Water Inlet Pressure | - | - | - |
| Maximum Water Inlet Temperature | - | - | - |
| Order Codes | | | |
| 3mt | MMB2400-AM1-MT1-30ER | MMB2600-AM1-MT1-30ER | MMB3600-AM1-MT1-30ER |
| 4mt | MMB2400-AM1-MT1-40ER | MMB2600-AM1-MT1-40ER | MMB3600-AM1-MT1-40ER |
| 5mt | MMB2400-AM1-MT1-50ER | MMB2600-AM1-MT1-50ER | MMB3600-AM1-MT1-50ER |

Suregrip Multi-Mig/Mag Torch Range

Ratings: 220 Amp to 550 Amp, Mixed Gas



| Model | MMB 401W | MMB 501W | MMB 555W | MMB 605W |
|---------------------------------|---------------|---------------|---------------|---------------|
| Technical Data | | | | |
| Cooling Method | Liquid-Cooled | Liquid-Cooled | Liquid-Cooled | Liquid-Cooled |
| Rating: CO ₂ | 400A | 500A | 550A | 600A |
| Rating: Mixed Gas | 350A | 450A | 500A | 550A |
| Rating: Pulse | - | - | 400A | 450A |
| Duty Cycle | 100% | 100% | 100% | 100% |
| Wire Size | 0.8-1.2 | 1.0-1.6 | 1.0-1.6 | 1.0-1.6 |
| Minimum Water Flow | 1.2l/min | 1.2l/min | 1.2l/min | 1.2l/min |
| Minimum Water Inlet Pressure | 2.0Bar | 2.0Bar | 2.0Bar | 2.0Bar |
| Minimum Cooling Requirements | 1000W | 1200W | 1500W | 1700W |
| Maximum Water Inlet Pressure | 5.0Bar | 5.0Bar | 5.0Bar | 5.0Bar |
| Maximum Water Inlet Temperature | 50°C | 50°C | 50°C | 50°C |

| | | | | |
|--------------------|---------------------------------|----------------------|----------------------|----------------------|
| Order Codes | 3mt MMB4001-AM1-MT1-30ER | MMB5000-AM1-MT1-30ER | MMB5550-AM1-MT1-30ER | MMB6050-AM1-MT1-30ER |
| | 4mt MMB4001-AM1-MT1-40ER | MMB5000-AM1-MT1-40ER | MMB5550-AM1-MT1-40ER | MMB6050-AM1-MT1-40ER |
| | 5mt MMB4001-AM1-MT1-50ER | MMB5000-AM1-MT1-50ER | MMB5550-AM1-MT1-50ER | MMB6050-AM1-MT1-50ER |



Kit Order Codes

| Part No. | Description |
|----------|---------------------|
| PERCP1 | 4 Pin Amphenol Plug |

Kit Order Codes

| Part No. | Description |
|----------|---------------------|
| PERCP2 | 5 Pin Amphenol Plug |

Kit Order Codes

| Part No. | Description |
|----------|---------------------|
| PERCP3 | 6 Pin Amphenol Plug |

Kit Order Codes

| Part No. | Description |
|----------|----------------------|
| PERCP4 | 14 Pin Amphenol Plug |

Kit Order Codes

| Part No. | Description |
|----------|---------------------|
| PERCP6 | 8 Pin Amphenol Plug |
| PERCP6-5 | 5 Pin Amphenol Plug |

Kit Order Codes

| Part No. | Description |
|----------|-------------------|
| PERCP7 | 3 Pin Tuchel Plug |

Kit Order Codes

| Part No. | Description |
|----------|-------------------|
| PERCP9 | 5 Pin Tuchel Plug |

Kit Order Codes

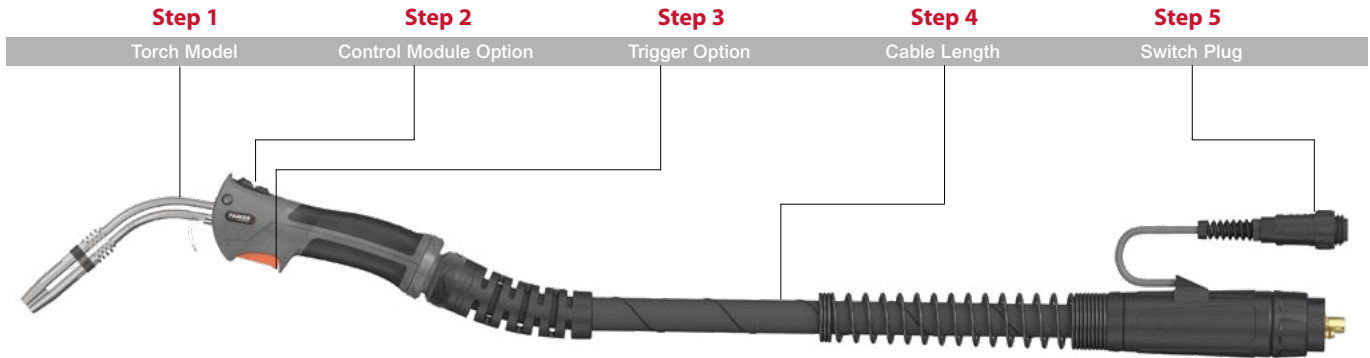
| Part No. | Description |
|----------|-------------------|
| PERCP11 | 7 Pin Uniarc Plug |

Kit Order Codes

| Part No. | Description |
|-----------|-------------|
| PXS12-J3P | 3 Pin Plug |

Suregrip Multi-Mig/Mag Torch Range

Torch Package Configurator



Ordering Information

Torch package part numbering is configured using the simple 5 stage system outlined below:


1. Select the torch model
2. Select the control module
3. Select the trigger type
4. Select the cable length
5. Select the switch plug

Example: MMB2400-AM1-MT1-30ER-PERCP11

Multi-Mig 240A Air-Cooled Torch Package c/w 2 way up/down control and standard trigger x 3mt


| Step 1 | | Step 2 | | Step 3 | | Step 4 | | Step 5 | |
|-------------|------------------------------|-----------------------|------------------|----------------|----------------------|--------------|----------------------|-------------|-------------|
| Torch Model | | Control Module Option | | Trigger Option | | Cable Length | | Switch Plug | |
| Part No. | Description | Part No. | Description | Part No. | Description | Part No. | Description | Part No. | Description |
| MMB2400 | MMB240 Air-Cooled Package | MT1 | Standard Trigger | 30ER | Cable Assembly x 3mt | PERCP1 | 4 Pin Amphenol Plug | | |
| MMB2600 | MMB260 Air-Cooled Package | MT2 | Extended Trigger | 40ER | Cable Assembly x 4mt | PERCP2 | 5 Pin Amphenol Plug | | |
| MMB3600 | MMB360 Air-Cooled Package | | | 50ER | Cable Assembly x 5mt | PERCP3 | 6 Pin Amphenol Plug | | |
| MMB4001 | MMB401 Liquid-Cooled Package | | | | | PERCP4 | 14 Pin Amphenol Plug | | |
| MMB5000 | MMB501 Liquid-Cooled Package | | | | | PERCP6 | 8 Pin Amphenol Plug | | |
| MMB5550 | MMB555 Liquid-Cooled Package | | | | | PERCP6-5 | 5 Pin Amphenol Plug | | |
| MMB6050 | MMB605 Liquid-Cooled Package | | | | | PERCP7 | 3 Pin Tuchel Plug | | |
| | | | | | | PERCP9 | 5 Pin Tuchel Plug | | |
| | | | | | | PERCP11 | 7 Pin Uniarc Plug | | |
| | | | | | | PXS12-J3P | 3 Pin Plug | | |
| Part No. | Description | | | | | | | | |
| PNAM1 | 2 Way Module Mig Control | | | | | | | | |
| PNAM2 | 4 Way Module Mig Control | | | | | | | | |

FUNCTION:
Job Mode
Up/Down Control



PNAM1

FUNCTION:
Job Mode
Up/Down Control x 2

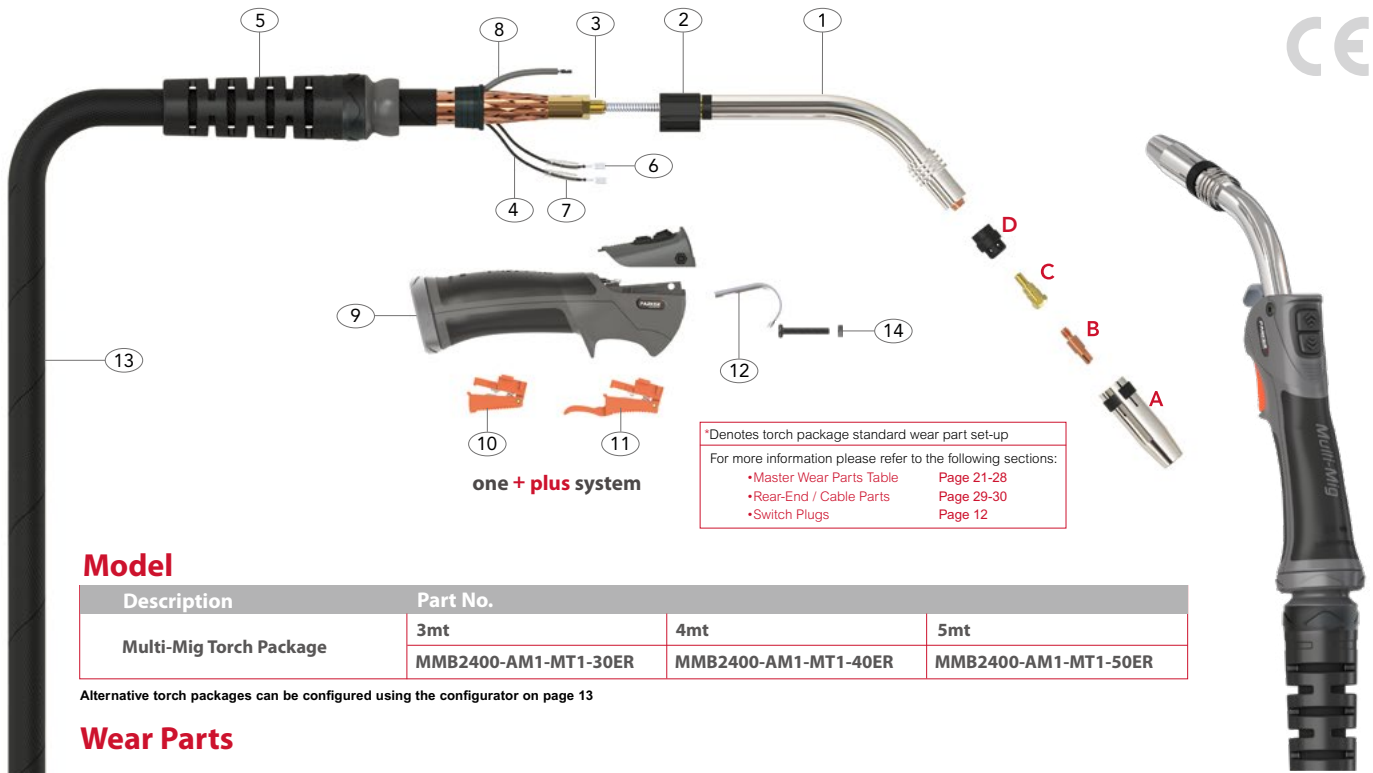


PNAM2

MMB 240A Suregrip Multi-Mig/Mag Torch Range

Rating: 250A CO₂, 220A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm wires

Air-Cooled Mig Welding Torch



Model

| Description | Part No. | | |
|-------------------------|----------------------|----------------------|----------------------|
| Multi-Mig Torch Package | 3mt | 4mt | 5mt |
| | MMB2400-AM1-MT1-30ER | MMB2400-AM1-MT1-40ER | MMB2400-AM1-MT1-50ER |

Alternative torch packages can be configured using the configurator on page 13

Wear Parts

A Nozzles

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB2415 | Cylindrical Nozzle | 17.2 | 1.40mm | Cu |
| *PB2416 | Conical Nozzle | 12.6 | 1.40mm | Cu |
| PB2417 | Tapered Nozzle | 10.0 | 1.40mm | Cu |

B Contact Tips

| Part No. | Description | Material | Wire Size | |
|------------|-------------|----------|-----------|--------|
| | | | mm | Inch |
| PB2504-08 | Contact Tip | Cu | 0.8 | 0.030" |
| *PB2504-10 | Contact Tip | Cu | 1.0 | 0.040" |
| PB2504-12 | Contact Tip | Cu | 1.2 | 0.045" |
| PB2504-12A | Contact Tip | Cu | 1.2 | 0.045" |
| PB2505-08 | Contact Tip | CuCrZr | 0.8 | 0.030" |
| PB2505-10 | Contact Tip | CuCrZr | 1.0 | 0.040" |
| PB2505-12 | Contact Tip | CuCrZr | 1.2 | 0.045" |
| PB2505-12A | Contact Tip | CuCrZr | 1.2 | 0.045" |

C Tip Adaptors

| Part No. | Description | Material |
|----------|-------------|----------|
| *PB2412 | Tip Adaptor | Brass |

D Diffusers

| Part No. | Description | Colour | Material |
|----------|-------------|--------|----------|
| *PB2405B | Diffuser | Black | DMC3 |
| PB2405C | Diffuser | White | Ceramic |
| PB2405W | Diffuser | White | DMC3 |
| PB2405S | Diffuser | Red | Silicon |

E Liner

| Part No. | Description | Length | Wire Size |
|------------|-------------------|--------|-----------|
| *PB2524-30 | Steel Liner x 3mt | 3.4mt | 1.0-1.2 |
| *PB2524-40 | Steel Liner x 4mt | 4.4mt | 1.0-1.2 |
| *PB2524-50 | Steel Liner x 5mt | 5.4mt | 1.0-1.2 |

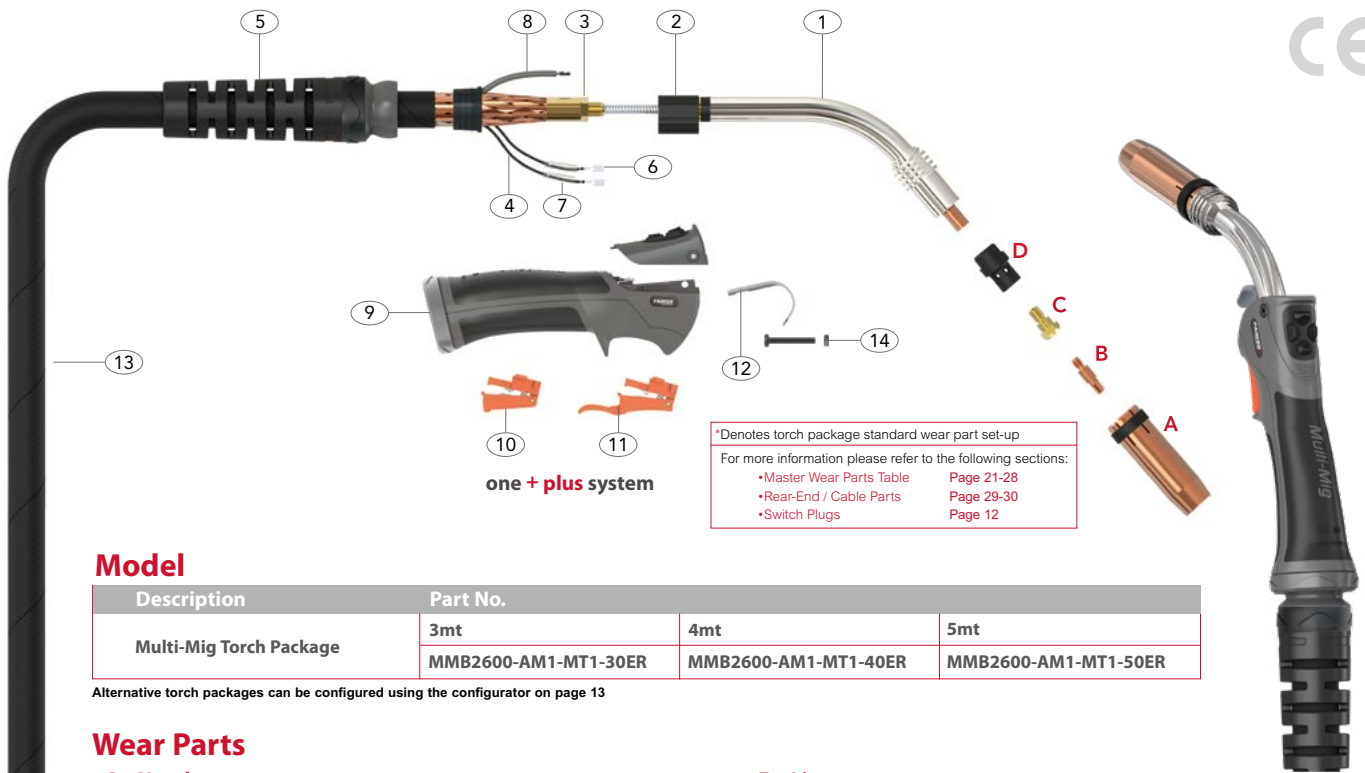
Spare Parts

| Part No. | Description |
|----------|---------------------------------------|
| 1 | PG2401 Swan Neck Assembly |
| 2 | PG1515 Ergo Handle Location Body |
| 3 | PB1505 Lock Nut |
| 4 | PS5010-30 Switch Lead Assembly x 3mt |
| | PS5010-40 Switch Lead Assembly x 4mt |
| | PS5010-50 Switch Lead Assembly x 5mt |
| 5 | PG3208 Handle Cable Support |
| 6 | PB1521 Cable Terminal |
| 7 | PB1521-C Cable Terminal Cover |
| 8 | PMSWLN3 Control Wire Assembly x 3mt |
| | PMSWLN4 Control Wire Assembly x 4mt |
| | PMSWLN5 Control Wire Assembly x 5mt |
| 9 | PMT2514-KJ Multi-Mig Handle Kit |
| 10 | PDMN2516M Standard Trigger Assembly |
| 11 | PDMN2516LM Extended Trigger Assembly |
| 12 | PB2517 Hanger Hook |
| 13 | PM2403-30 Canvas Cover Assembly x 3mt |
| | PM2403-40 Canvas Cover Assembly x 4mt |
| | PM2403-50 Canvas Cover Assembly x 5mt |
| 14 | PDMNS Module Retaining Screw |

MMB 260A Suregrip Multi-Mig/Mag Torch Range

Rating: 270A CO₂, 240A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm wires

Air-Cooled Mig Welding Torch



*Denotes torch package standard wear part set-up
 For more information please refer to the following sections:
 •Master Wear Parts Table Page 21-28
 •Rear-End / Cable Parts Page 29-30
 •Switch Plugs Page 12

one + plus system

Model

| Description | Part No. | | |
|-------------------------|----------------------|----------------------|----------------------|
| | 3mt | 4mt | 5mt |
| Multi-Mig Torch Package | MMB2600-AM1-MT1-30ER | MMB2600-AM1-MT1-40ER | MMB2600-AM1-MT1-50ER |

Alternative torch packages can be configured using the configurator on page 13

Wear Parts

A Nozzles

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB5027 | Cylindrical Nozzle | 19.0 | 2.25mm | Cu |
| *PB5028 | Conical Nozzle | 16.0 | 2.25mm | Cu |
| PB5028HD | Conical Nozzle | 16.0 | 3.20mm | Cu |
| PB5029 | Tapered Nozzle | 14.0 | 2.25mm | Cu |

B Contact Tips

| Part No. | Description | Material | Wire Size | |
|------------|-------------|----------|-----------|--------|
| | | | mm | Inch |
| PB2504-08 | Contact Tip | Cu | 0.8 | 0.030" |
| PB2504-10 | Contact Tip | Cu | 1.0 | 0.040" |
| *PB2504-12 | Contact Tip | Cu | 1.2 | 0.045" |
| PB2504-12A | Contact Tip | Cu | 1.2 | 0.045" |
| PB2505-08 | Contact Tip | CuCrZr | 0.8 | 0.030" |
| PB2505-10 | Contact Tip | CuCrZr | 1.0 | 0.040" |
| PB2505-12 | Contact Tip | CuCrZr | 1.2 | 0.045" |
| PB2505-12A | Contact Tip | CuCrZr | 1.2 | 0.045" |

C Tip Adaptors

| Part No. | Description | Material |
|----------|-------------|----------|
| *PB2612 | Tip Adaptor | Brass |
| PB2612M8 | Tip Adaptor | Brass |

D Diffusers

| Part No. | Description | Colour | Material |
|----------|-------------|--------|----------|
| *PB2605B | Diffuser | Black | DM3 |
| PB2605W | Diffuser | White | DM3 |

E Liner

| Part No. | Description | Length | Wire Size |
|------------|-------------------|--------|-----------|
| | | | mm |
| *PB2524-30 | Steel Liner x 3mt | 3.4mt | 1.0-1.2 |
| *PB2524-40 | Steel Liner x 4mt | 4.4mt | 1.0-1.2 |
| *PB2524-50 | Steel Liner x 5mt | 5.4mt | 1.0-1.2 |

Spare Parts

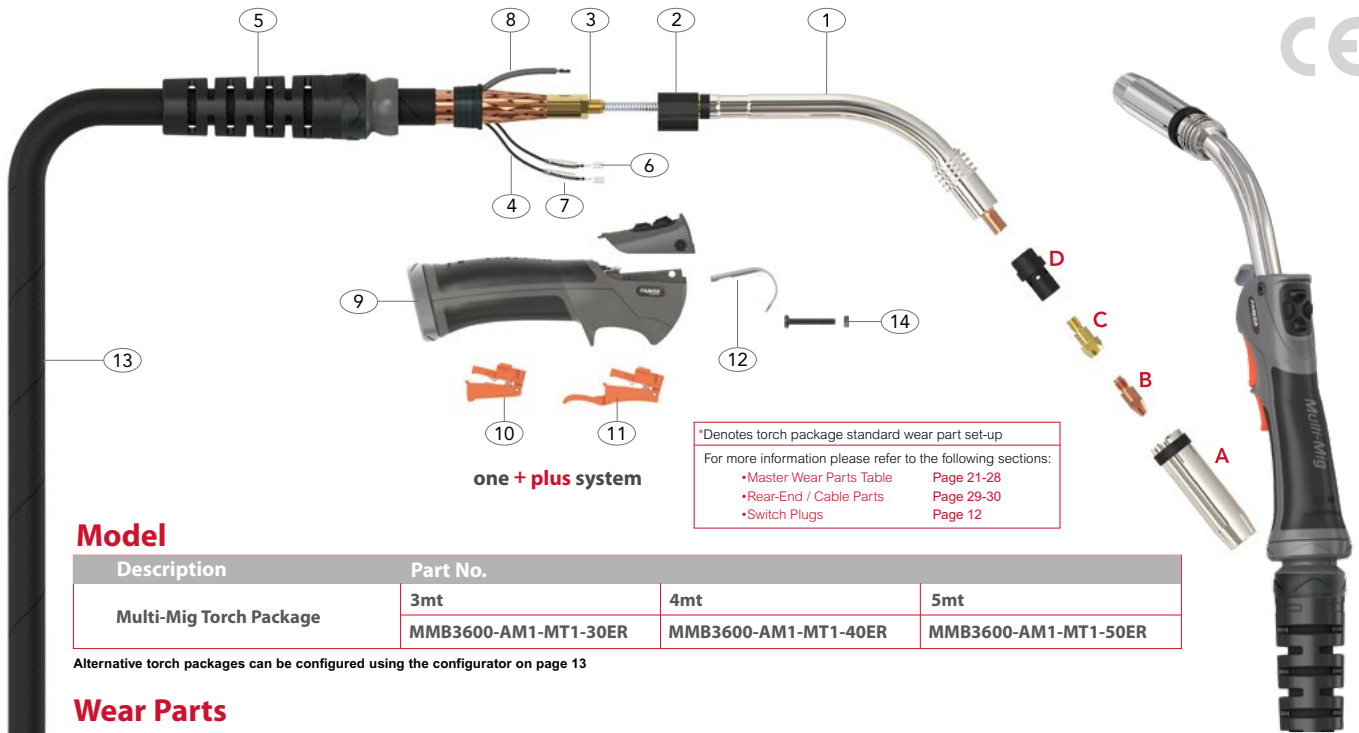
| Part No. | Description |
|----------|---------------------------------------|
| 1 | PG2601 Swan Neck Assembly |
| 2 | PG1515 Ergo Handle Location Body |
| 3 | PB1505 Lock Nut |
| 4 | PS5010-30 Switch Lead Assembly x 3mt |
| | PS5010-40 Switch Lead Assembly x 4mt |
| | PS5010-50 Switch Lead Assembly x 5mt |
| 5 | PG3208 Handle Cable Support |
| 6 | PB1521 Cable Terminal |
| 7 | PB1521-C Cable Terminal Cover |
| 8 | PMSWLN3 Control Wire Assembly x 3mt |
| | PMSWLN4 Control Wire Assembly x 4mt |
| | PMSWLN5 Control Wire Assembly x 5mt |
| 9 | PMT2514-KJ Multi-Mig Handle Kit |
| 10 | PDMN2516M Standard Trigger Assembly |
| 11 | PDMN2516LM Extended Trigger Assembly |
| 12 | PB2517 Hanger Hook |
| 13 | PM2603-30 Canvas Cover Assembly x 3mt |
| | PM2603-40 Canvas Cover Assembly x 4mt |
| | PM2603-50 Canvas Cover Assembly x 5mt |
| 14 | PDMNS Module Retaining Screw |



MMB 360A Suregrip Multi-Mig/Mag Torch Range

Rating: 320A CO₂, 290A mixed gas, EN60974-7 @ 60% duty cycle. 1.0 to 1.2mm wires

Air-Cooled Mig Welding Torch



Model

| Description | Part No. | | |
|-------------------------|----------------------|----------------------|----------------------|
| | 3mt | 4mt | 5mt |
| Multi-Mig Torch Package | MMB3600-AM1-MT1-30ER | MMB3600-AM1-MT1-40ER | MMB3600-AM1-MT1-50ER |

Alternative torch packages can be configured using the configurator on page 13

Wear Parts

A Nozzles

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB3615 | Cylindrical Nozzle | 19.0 | 2.25mm | Cu |
| *PB3616 | Conical Nozzle | 16.1 | 2.25mm | Cu |
| PB3617 | Tapered Nozzle | 12.0 | 2.25mm | Cu |

B Contact Tips

| Part No. | Description | Material | Wire Size | |
|------------|-------------|----------|-----------|--------|
| | | | mm | Inch |
| PB2504-10 | Contact Tip | Cu | 1.0 | 0.040" |
| PB2504-12 | Contact Tip | Cu | 1.2 | 0.045" |
| PB2504-10A | Contact Tip | Cu | 1.0 | 0.040" |
| PB2505-10 | Contact Tip | CuCrZr | 1.0 | 0.040" |
| PB2505-12 | Contact Tip | CuCrZr | 1.2 | 0.045" |
| PB4014-08 | Contact Tip | Cu | 0.8 | 0.030 |
| PB4014-10 | Contact Tip | Cu | 1.0 | 0.040 |
| *PB4014-12 | Contact Tip | Cu | 1.2 | 0.045 |

C Tip Adaptors

| Part No. | Description | Material |
|----------|-------------|----------|
| PB3612 | Tip Adaptor | Brass |
| PB3613 | Tip Adaptor | Brass |
| *PB3614 | Tip Adaptor | Brass |

D Diffusers

| Part No. | Description | Colour | Material |
|----------|-------------|--------|----------|
| *PB3605B | Diffuser | Black | DMC3 |
| PB3605C | Diffuser | White | Ceramic |
| PB3605W | Diffuser | White | DMC3 |

E Liner

| Part No. | Description | Length | Wire Size |
|------------|-------------------|--------|-----------|
| | | | mm |
| *PB2524-30 | Steel Liner x 3mt | 3.4mt | 1.0-1.2 |
| *PB2524-40 | Steel Liner x 4mt | 4.4mt | 1.0-1.2 |
| *PB2524-50 | Steel Liner x 5mt | 5.4mt | 1.0-1.2 |

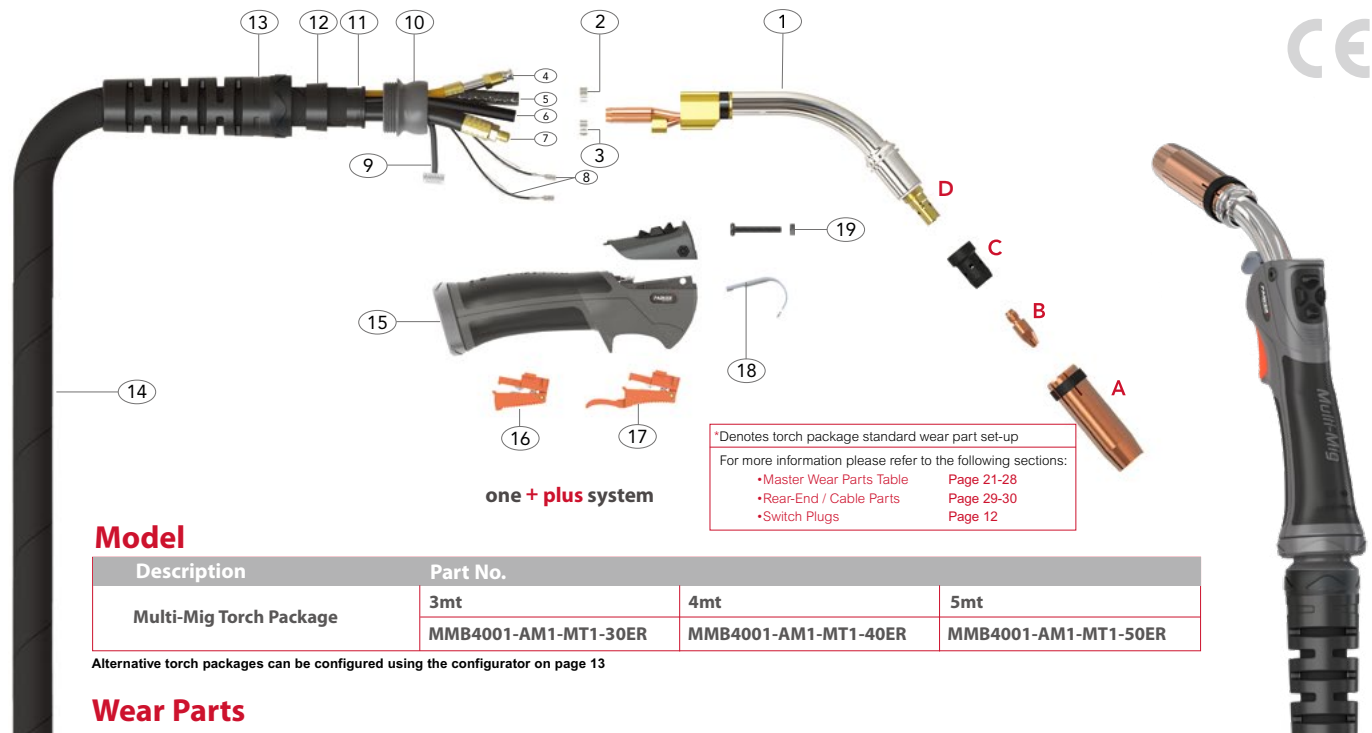
Spare Parts

| Part No. | Description |
|----------|---------------------------------------|
| 1 | PG3603 Swan Neck Assembly |
| 2 | PG1515 Ergo Handle Location Body |
| 3 | PB1505 Lock Nut |
| 4 | PS5010-30 Switch Lead Assembly x 3mt |
| | PS5010-40 Switch Lead Assembly x 4mt |
| | PS5010-50 Switch Lead Assembly x 5mt |
| 5 | PG3208 Handle Cable Support |
| 6 | PB1521 Cable Terminal |
| 7 | PB1521-C Cable Terminal Cover |
| 8 | PMSWLN3 Control Wire Assembly x 3mt |
| | PMSWLN4 Control Wire Assembly x 4mt |
| | PMSWLN5 Control Wire Assembly x 5mt |
| 9 | PMT2514-KJ Multi-Mig Handle Kit |
| 10 | PDMN2516M Standard Trigger Assembly |
| 11 | PDMN2516LM Extended Trigger Assembly |
| 12 | PB2517 Hanger Hook |
| 13 | PM3609-30 Canvas Cover Assembly x 3mt |
| | PM3609-40 Canvas Cover Assembly x 4mt |
| | PM3609-50 Canvas Cover Assembly x 5mt |
| 14 | PDMNS Module Retaining Screw |

MMB 401W Suregrip Multi-Mig/Mag Torch Range

Rating: 400A CO₂, 350A mixed gas, EN60974-7 @ 100% duty cycle. 0.8 to 1.2mm wires

Liquid-Cooled Mig Welding Torch



*Denotes torch package standard wear part set-up
 For more information please refer to the following sections:
 •Master Wear Parts Table Page 21-28
 •Rear-End / Cable Parts Page 29-30
 •Switch Plugs Page 12

Model

| Description | Part No. | | |
|-------------------------|----------------------|----------------------|----------------------|
| Multi-Mig Torch Package | 3mt | 4mt | 5mt |
| | MMB4001-AM1-MT1-30ER | MMB4001-AM1-MT1-40ER | MMB4001-AM1-MT1-50ER |

Alternative torch packages can be configured using the configurator on page 13

Wear Parts

A Nozzles

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB5027 | Cylindrical Nozzle | 19.0 | 2.50mm | Cu |
| *PB5028 | Conical Nozzle | 16.0 | 2.50mm | Cu |
| PB5028HD | Conical Nozzle | 16.0 | 3.20mm | Cu |
| PB5029 | Tapered Nozzle | 14.0 | 2.50mm | Cu |

B Contact Tips

| Part No. | Description | Material | Wire Size |
|------------|-------------|----------|---------------|
| | | | mm Inch |
| PB4014-08 | Contact Tip | Cu | 0.8 0.030" |
| PB4014-10 | Contact Tip | Cu | 1.0 0.040" |
| *PB4014-12 | Contact Tip | Cu | 1.2 0.045" |

C Diffusers

| Part No. | Description | Colour | Material |
|----------|-------------|--------|----------|
| *PB5005B | Diffuser | Black | DMC3 |
| PB5005W | Diffuser | White | DMC3 |

D Tip Adaptors

| Part No. | Description | Material |
|----------|-------------|----------|
| *PB5001 | Tip Adaptor | Brass |
| PB5001C | Tip Adaptor | CuCrZr |

E Liner

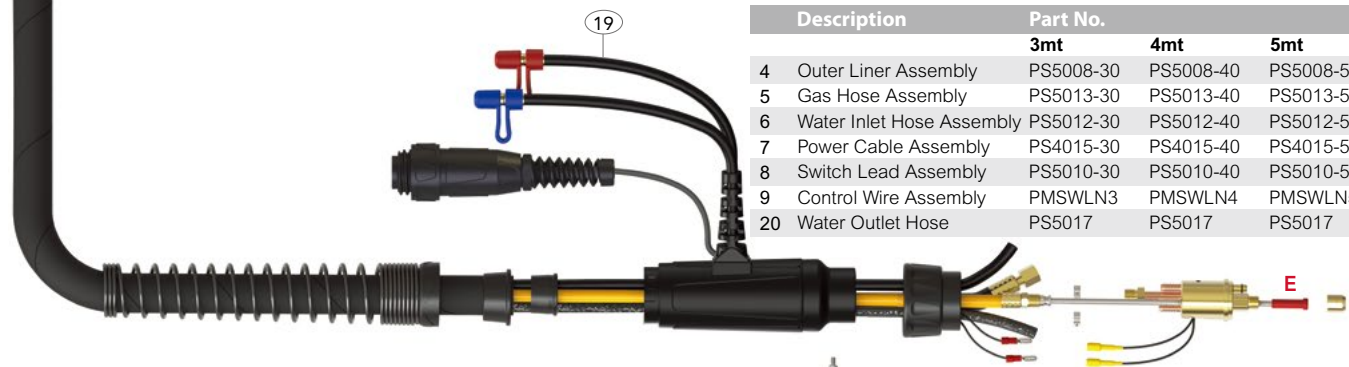
| Part No. | Description | Length | Wire Size |
|------------|-------------------|--------|-----------|
| | | | mm |
| *PB5033-30 | Steel Liner x 3mt | 3.5mt | 1.0-1.2 |
| *PB5033-40 | Steel Liner x 4mt | 4.5mt | 1.0-1.2 |
| *PB5033-50 | Steel Liner x 5mt | 5.5mt | 1.0-1.2 |

Spare Parts

| Part No. | Description |
|----------|---------------------------------------|
| 1 | PG4011 Swan Neck Assembly |
| 2 | P15400020 Hose Clamp 8.7mm |
| 3 | P15400023 Hose Clamp 10.0mm |
| 10 | PPG3208-1 Ball Joint |
| 11 | PT8010 Canvas cover Retainer Small |
| 12 | PG3235 Sheath Block |
| 13 | PGN3208-P Cable Support |
| 14 | PM4006-30 Canvas Cover Assembly x 3mt |
| | PM4006-40 Canvas Cover Assembly x 4mt |
| | PM4006-50 Canvas Cover Assembly x 5mt |
| 15 | PMT2514-KJ Multi-Mig Handle Kit |
| 16 | PDMN2516M Standard Trigger Assembly |
| 17 | PDMN2516LM Extended Trigger Assembly |
| 18 | PB2517 Hanger Hook |
| 19 | PDMNS Module Retaining Screw |

Cable Parts

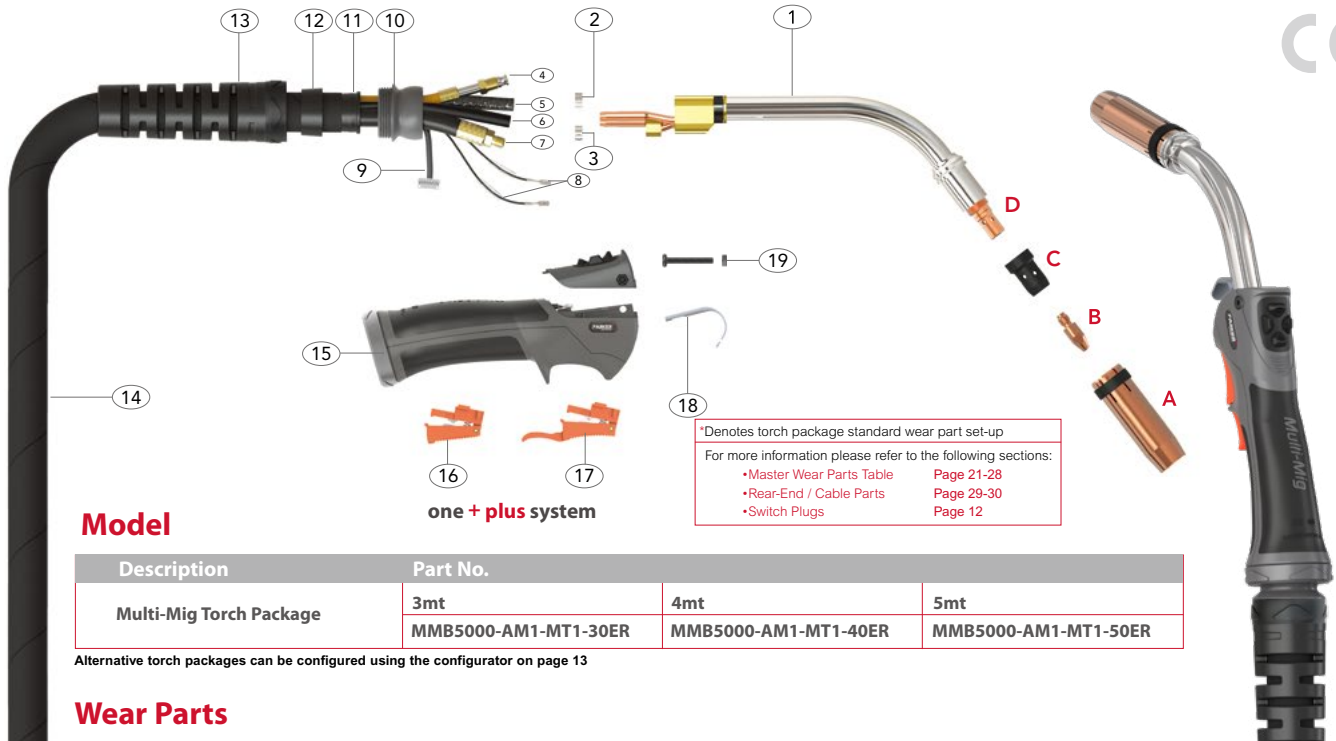
| Description | Part No. | | |
|-----------------------------|-----------|-----------|-----------|
| | 3mt | 4mt | 5mt |
| 4 Outer Liner Assembly | PS5008-30 | PS5008-40 | PS5008-50 |
| 5 Gas Hose Assembly | PS5013-30 | PS5013-40 | PS5013-50 |
| 6 Water Inlet Hose Assembly | PS5012-30 | PS5012-40 | PS5012-50 |
| 7 Power Cable Assembly | PS4015-30 | PS4015-40 | PS4015-50 |
| 8 Switch Lead Assembly | PS5010-30 | PS5010-40 | PS5010-50 |
| 9 Control Wire Assembly | PMSWLN3 | PMSWLN4 | PMSWLN5 |
| 20 Water Outlet Hose | PS5017 | PS5017 | PS5017 |



MMB 501W Suregrip Multi-Mig/Mag Torch Range

Rating: 500A CO₂, 450A mixed gas, EN60974-7 @ 100% duty cycle. 1.0 to 1.6mm wires

Liquid-Cooled Mig Welding Torch



Model

| Description | Part No. | | |
|-------------------------|----------------------|----------------------|----------------------|
| Multi-Mig Torch Package | 3mt | 4mt | 5mt |
| | MMB5000-AM1-MT1-30ER | MMB5000-AM1-MT1-40ER | MMB5000-AM1-MT1-50ER |

Alternative torch packages can be configured using the configurator on page 13

Wear Parts

A Nozzles

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB5027 | Cylindrical Nozzle | 19.0 | 2.50mm | Cu |
| *PB5028 | Conical Nozzle | 16.0 | 2.50mm | Cu |
| PB5028HD | Conical Nozzle | 16.0 | 3.20mm | Cu |
| PB5029 | Tapered Nozzle | 14.0 | 2.50mm | Cu |

B Contact Tips

| Part No. | Description | Material | Wire Size |
|------------|-------------|----------|---------------|
| | | | mm Inch |
| PB4014-10 | Contact Tip | Cu | 1.0 0.040" |
| PB4014-12 | Contact Tip | Cu | 1.2 0.045" |
| PB4014-16 | Contact Tip | Cu | 1.6 0.063" |
| *PB4015-12 | Contact Tip | CuCrZr | 1.2 0.045" |
| PB4015-16 | Contact Tip | CuCrZr | 1.6 0.063" |

C Diffusers

| Part No. | Description | Colour | Material |
|----------|---------------------------|--------|----------|
| PB5005B | Diffuser | Black | DMC3 |
| PB5005C | Diffuser | White | Ceramic |
| PB5005W | Diffuser | White | DMC3 |
| *PB5005H | Diffuser-High Performance | Black | HPP |

D Tip Adaptors

| Part No. | Description | Material |
|----------|-------------|----------|
| PB5001 | Tip Adaptor | Brass |
| *PB5001C | Tip Adaptor | CuCrZr |

E Liner

| Part No. | Description | Length | Wire Size |
|------------|-------------------|--------|-----------|
| | | | mm |
| *PB5033-30 | Steel Liner x 3mt | 3.5mt | 1.0-1.2 |
| *PB5033-40 | Steel Liner x 4mt | 4.5mt | 1.0-1.2 |
| *PB5033-50 | Steel Liner x 5mt | 5.5mt | 1.0-1.2 |

Spare Parts

| Part No. | Description |
|----------|---------------------------------------|
| 1 | PG5002 Swan Neck Assembly |
| 2 | P15400020 Hose Clamp 8.7mm |
| 3 | P15400023 Hose Clamp 10.0mm |
| 10 | PPG3208-1 Ball Joint |
| 11 | PT8010 Canvas cover Retainer Small |
| 12 | PG3235 Sheath Block |
| 13 | PGN3208-P Cable Support |
| 14 | PM5006-30 Canvas Cover Assembly x 3mt |
| | PM5006-40 Canvas Cover Assembly x 4mt |
| | PM5006-50 Canvas Cover Assembly x 5mt |
| 15 | PMT2514-KJ Multi-Mig Handle Kit |
| 16 | PDMN2516M Standard Trigger Assembly |
| 17 | PDMN2516LM Extended Trigger Assembly |
| 18 | PB2517 Hanger Hook |
| 19 | PDMNS Module Retaining Screw |

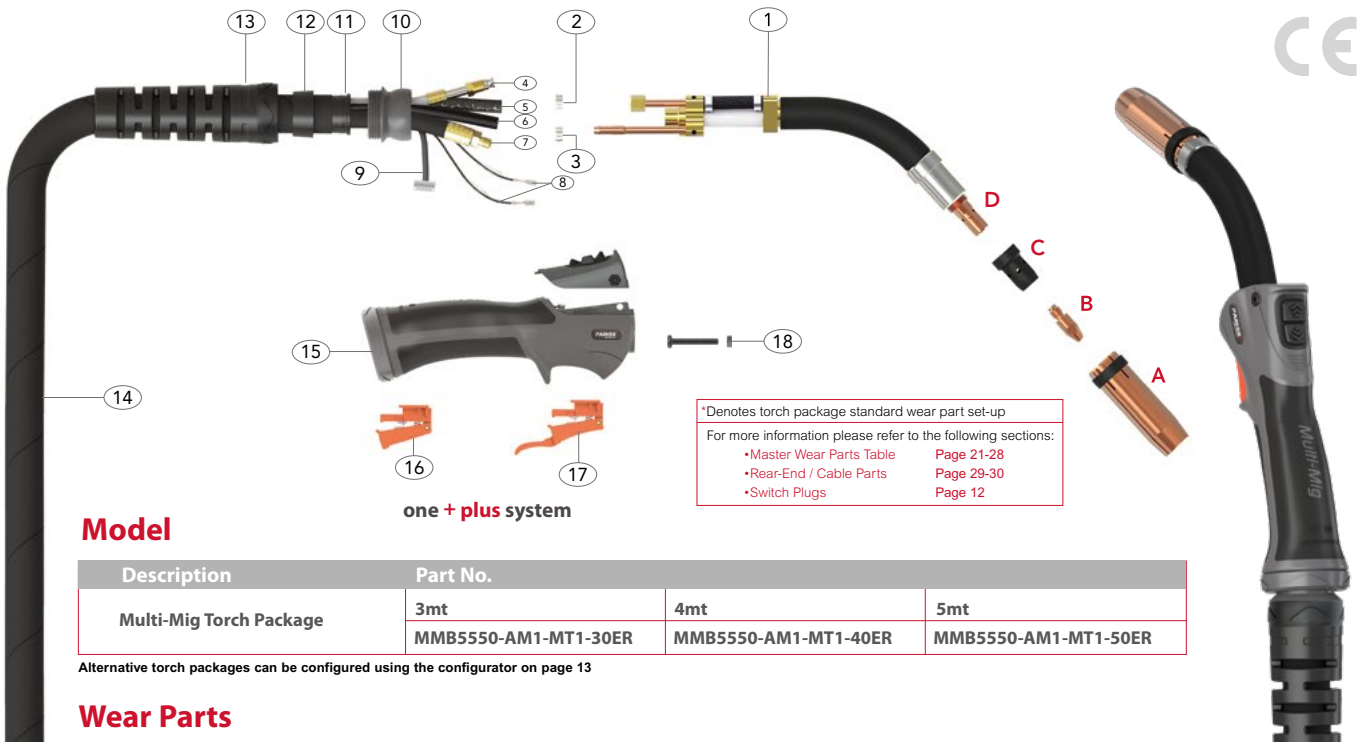
Cable Parts

| Description | Part No. | | |
|-----------------------------|-----------|-----------|-----------|
| | 3mt | 4mt | 5mt |
| 4 Outer Liner Assembly | PS5008-30 | PS5008-40 | PS5008-50 |
| 5 Gas Hose Assembly | PS5013-30 | PS5013-40 | PS5013-50 |
| 6 Water Inlet Hose Assembly | PS5012-30 | PS5012-40 | PS5012-50 |
| 7 Power Cable Assembly | PS5015-30 | PS5015-40 | PS5015-50 |
| 8 Switch Lead Assembly | PS5010-30 | PS5010-40 | PS5010-50 |
| 9 Control Wire Assembly | PMSWLN3 | PMSWLN4 | PMSWLN5 |
| 20 Water Outlet Hose | PS5017 | PS5017 | PS5017 |

MMB 555W Suregrip Multi-Mig/Mag Torch Range

Rating: 550A CO₂, 500A mixed gas, 400A pulse, EN60974-7 @ 100% duty cycle. 1.0 to 1.6mm wires

Liquid-Cooled Mig Welding Torch



*Denotes torch package standard wear part set-up
 For more information please refer to the following sections:
 •Master Wear Parts Table Page 21-28
 •Rear-End / Cable Parts Page 29-30
 •Switch Plugs Page 12

Model

| Description | Part No. | | |
|-------------------------|----------------------|----------------------|----------------------|
| | 3mt | 4mt | 5mt |
| Multi-Mig Torch Package | MMB5550-AM1-MT1-30ER | MMB5550-AM1-MT1-40ER | MMB5550-AM1-MT1-50ER |

Alternative torch packages can be configured using the configurator on page 13

Wear Parts

A Nozzles

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB5027 | Cylindrical Nozzle | 19.0 | 2.50mm | Cu |
| *PB5028 | Conical Nozzle | 16.0 | 2.50mm | Cu |
| PB5028HD | Conical Nozzle | 16.0 | 3.20mm | Cu |
| PB5029 | Tapered Nozzle | 14.0 | 2.50mm | Cu |

B Contact Tips

| Part No. | Description | Material | Wire Size | |
|------------|-------------|----------|-----------|--------|
| | | | mm | Inch |
| PB4014-10 | Contact Tip | Cu | 1.0 | 0.040" |
| PB4014-12 | Contact Tip | Cu | 1.2 | 0.045" |
| PB4014-16 | Contact Tip | Cu | 1.6 | 0.063" |
| PB4015-10 | Contact Tip | CuCrZr | 1.0 | 0.040" |
| *PB4015-12 | Contact Tip | CuCrZr | 1.2 | 0.045" |
| PB4015-16 | Contact Tip | CuCrZr | 1.6 | 0.063" |

C Diffusers

| Part No. | Description | Colour | Material |
|----------|---------------------------|--------|----------|
| PB5005B | Diffuser | Black | DMC3 |
| PB5005W | Diffuser | White | DMC3 |
| *PB5005H | Diffuser-High Performance | Black | HPP |

D Tip Adaptors

| Part No. | Description | Material |
|----------|-------------|----------|
| *PB5501 | Tip Adaptor | CuCrZr |

E Liner

| Part No. | Description | Length | Wire Size |
|------------|-------------------|--------|-----------|
| | | | mm |
| *PB5033-30 | Steel Liner x 3mt | 3.5mt | 1.0-1.2 |
| *PB5033-40 | Steel Liner x 4mt | 4.5mt | 1.0-1.2 |
| *PB5033-50 | Steel Liner x 5mt | 5.5mt | 1.0-1.2 |

Spare Parts

| Part No. | Description |
|----------|---------------------------------------|
| 1 | PB5502 Swan Neck Assembly |
| 2 | P15400020 Hose Clamp 8.7mm |
| 3 | P15400023 Hose Clamp 10.0mm |
| 10 | PPG3208-1 Ball Joint |
| 11 | PT8010 Canvas cover Retainer Small |
| 12 | PG3235 Sheath Block |
| 13 | PGN3208-P Cable Support |
| 14 | PM5506-30 Canvas Cover Assembly x 3mt |
| | PM5506-40 Canvas Cover Assembly x 4mt |
| | PM5506-50 Canvas Cover Assembly x 5mt |
| 15 | PMT2515-KJ Multi-Mig Handle Kit |
| 16 | PDMHN2516M Standard Trigger Assembly |
| 17 | PDMHN2516LM Extended Trigger Assembly |
| 18 | PDMNS Module Retaining Screw |

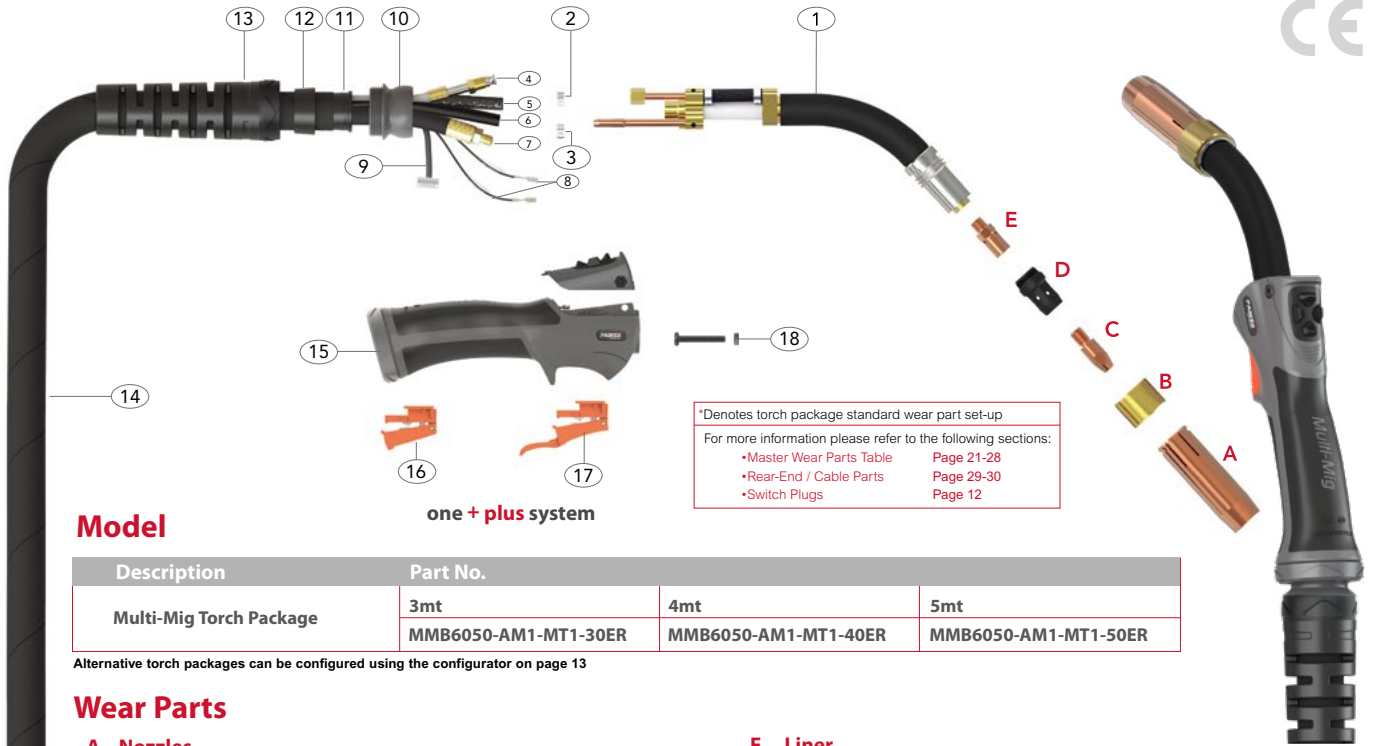
Cable Parts

| Description | Part No. | | |
|-----------------------------|-----------|-----------|-----------|
| | 3mt | 4mt | 5mt |
| 4 Outer Liner Assembly | PS5508-30 | PS5008-40 | PS5008-50 |
| 5 Gas Hose Assembly | PS5013-30 | PS5013-40 | PS5013-50 |
| 6 Water Inlet Hose Assembly | PS5012-30 | PS5012-40 | PS5012-50 |
| 7 Power Cable Assembly | PS5515-30 | PS4015-40 | PS4015-50 |
| 8 Switch Lead Assembly | PS5010-30 | PS5010-40 | PS5010-50 |
| 9 Control Wire Assembly | PMSWLN3 | PMSWLN4 | PMSWLN5 |
| 19 Water Outlet Hose | PS5017 | PS5017 | PS5017 |

MMB 605W Suregrip Multi-Mig/Mag Torch Range

Rating: 600A CO₂, 550A mixed gas, 450A pulse, EN60974-7 @ 100% duty cycle. 1.0 to 1.6mm wires

Liquid-Cooled Mig Welding Torch



Model

one + plus system

| Description | Part No. | | |
|-------------------------|----------------------|----------------------|----------------------|
| Multi-Mig Torch Package | 3mt | 4mt | 5mt |
| | MMB6050-AM1-MT1-30ER | MMB6050-AM1-MT1-40ER | MMB6050-AM1-MT1-50ER |

Alternative torch packages can be configured using the configurator on page 13

Wear Parts

A Nozzles

| Part No. | Description | Bore | Wall | Material |
|----------|----------------|------|--------|----------|
| *PB6528 | Conical Nozzle | 17.0 | 2.60mm | Cu |

B Nozzle Adaptors

| Part No. | Description | Material |
|----------|----------------|----------|
| *PB6515 | Nozzle Adaptor | Brass |

C Contact Tips

| Part No. | Description | Material | Wire | Size |
|------------|-------------|----------|------|--------|
| | | | mm | Inch |
| PB6015-10 | Contact Tip | CuCrZr | 1.0 | 0.040" |
| *PB6015-12 | Contact Tip | CuCrZr | 1.2 | 0.045" |
| PB6015-14 | Contact Tip | CuCrZr | 1.4 | 0.055" |
| PB6015-16 | Contact Tip | CuCrZr | 1.6 | 0.063" |

D Diffusers

| Part No. | Description | Colour | Material |
|----------|---------------------------|--------|----------|
| *PB6505H | Diffuser-High Performance | Black | DMC3 |

E Tip Adaptors

| Part No. | Description | Material |
|----------|------------------------|----------|
| *PB6501 | Tip Adaptor 29.0mm M10 | CuCrZr |

F Liner

| Part No. | Description | Length | Wire Size |
|------------|-------------------|--------|-----------|
| | | | mm |
| *PB5033-30 | Steel Liner x 3mt | 3.5mt | 1.0-1.2 |
| *PB5033-40 | Steel Liner x 4mt | 4.5mt | 1.0-1.2 |
| *PB5033-50 | Steel Liner x 5mt | 5.5mt | 1.0-1.2 |

Spare Parts

| Part No. | Description |
|----------|---------------------------------------|
| 1 | PB6502 Swan Neck Assembly |
| 2 | P15400020 Hose Clamp 8.7mm |
| 3 | P15400023 Hose Clamp 10.0mm |
| 10 | PPG3208-1 Ball Joint |
| 11 | PT8010 Canvas cover Retainer Small |
| 12 | PG3235 Sheath Block |
| 13 | PGN3208-P Cable Support |
| 14 | PM5506-30 Canvas Cover Assembly x 3mt |
| | PM5506-40 Canvas Cover Assembly x 4mt |
| | PM5506-50 Canvas Cover Assembly x 5mt |
| 15 | PMT2515-KJ Multi-Mig Handle Kit |
| 16 | PDMHN2516M Standard Trigger Assembly |
| 17 | PDMHN2516LM Extended Trigger Assembly |
| 18 | PDMNS Module Retaining Screw |

Cable Parts

| Description | Part No. | | |
|-----------------------------|-----------|-----------|-----------|
| | 3mt | 4mt | 5mt |
| 4 Outer Liner Assembly | PS5508-30 | PS5008-40 | PS5008-50 |
| 5 Gas Hose Assembly | PS5013-30 | PS5013-40 | PS5013-50 |
| 6 Water Inlet Hose Assembly | PS5012-30 | PS5012-40 | PS5012-50 |
| 7 Power Cable Assembly | PS5515-30 | PS4015-40 | PS4015-50 |
| 8 Switch Lead Assembly | PS5010-30 | PS5010-40 | PS5010-50 |
| 9 Control Wire Assembly | PMSWLN3 | PMSWLN4 | PMSWLN5 |
| 19 Water Outlet Hose | PS5017 | PS5017 | PS5017 |

Nozzles

MMB 240A

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB2415 | Cylindrical Nozzle | 17.2 | 1.40mm | Cu |
| * PB2416 | Conical Nozzle | 12.6 | 1.40mm | Cu |
| PB2417 | Tapered Nozzle | 10.0 | 1.40mm | Cu |



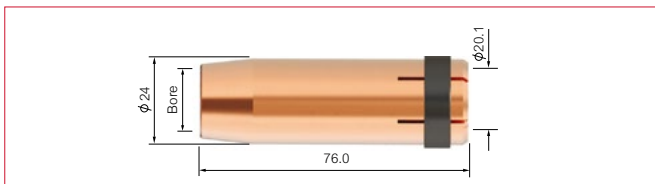
MMB 360A

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB3615 | Cylindrical Nozzle | 19.0 | 2.25mm | Cu |
| * PB3616 | Conical Nozzle | 16.1 | 2.25mm | Cu |
| PB3617 | Tapered Nozzle | 12.0 | 2.25mm | Cu |



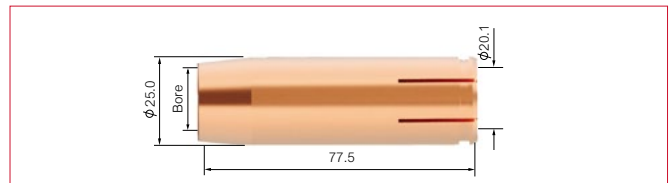
MMB 260A/401W/501W/555W

| Part No. | Description | Bore | Wall | Material |
|----------|--------------------|------|--------|----------|
| PB5027 | Cylindrical Nozzle | 19.0 | 2.50mm | Cu |
| * PB5028 | Conical Nozzle | 16.0 | 2.50mm | Cu |
| PB5028HD | Conical Nozzle | 16.0 | 3.20mm | Cu |
| PB5029 | Tapered Nozzle | 14.0 | 2.50mm | Cu |



MMB 605W

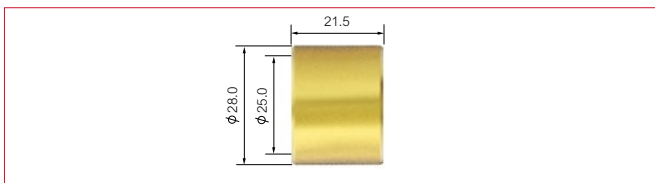
| Part No. | Description | Bore | Wall | Material |
|----------|----------------|------|--------|----------|
| * PB6528 | Conical Nozzle | 17.0 | 2.60mm | Cu |



Nozzle Adaptors

MMB 605W

| Part No. | Description | Material |
|----------|----------------|----------|
| * PB6515 | Nozzle Adaptor | Brass |

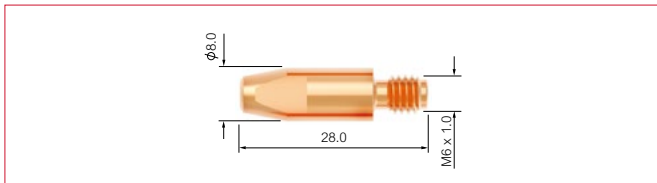


* Denotes torch package standard wear part set-up

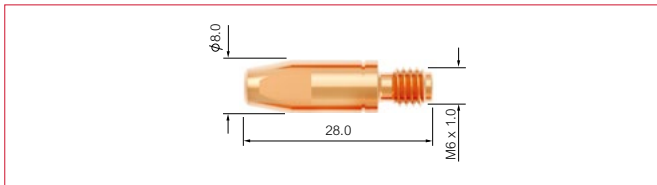
Contact Tips

MMB 240A/260A/360A

| Part No. | Description | Material | Wire Size | |
|------------|-------------|----------|-----------|-------|
| | | | mm | inch |
| PB2504-06 | Contact Tip | Cu | 0.6 | 0.023 |
| PB2504-08 | Contact Tip | Cu | 0.8 | 0.030 |
| PB2504-09 | Contact Tip | Cu | 0.9 | 0.035 |
| *PB2504-10 | Contact Tip | Cu | 1.0 | 0.040 |
| *PB2504-12 | Contact Tip | Cu | 1.2 | 0.045 |
| PB2504-14 | Contact Tip | Cu | 1.4 | 0.055 |
| PB2504-16 | Contact Tip | Cu | 1.6 | 0.063 |
| PB2504-10A | Contact Tip | Cu | 1.0 | 0.040 |
| PB2504-12A | Contact Tip | Cu | 1.2 | 0.045 |
| PB2504-16A | Contact Tip | Cu | 1.6 | 0.063 |

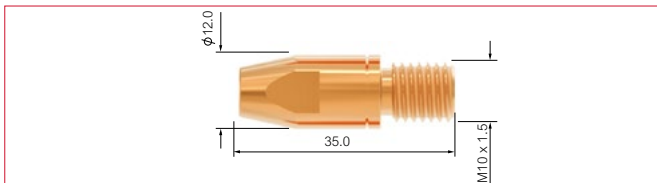


| | | | | |
|------------|-------------|--------|-----|-------|
| PB2505-08 | Contact Tip | CuCrZr | 0.8 | 0.030 |
| PB2505-09 | Contact Tip | CuCrZr | 0.9 | 0.035 |
| PB2505-10 | Contact Tip | CuCrZr | 1.0 | 0.040 |
| PB2505-12 | Contact Tip | CuCrZr | 1.2 | 0.045 |
| PB2505-16 | Contact Tip | CuCrZr | 1.6 | 0.063 |
| PB2505-10A | Contact Tip | CuCrZr | 1.0 | 0.040 |
| PB2505-12A | Contact Tip | CuCrZr | 1.2 | 0.045 |
| PB2505-16A | Contact Tip | CuCrZr | 1.6 | 0.063 |



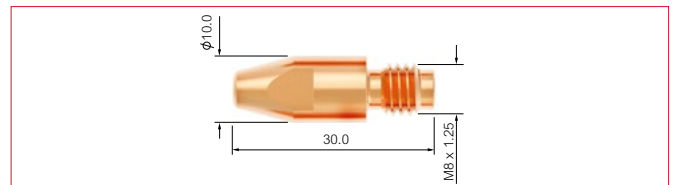
MMB 605W

| Part No. | Description | Material | Wire Size | |
|------------|-------------|----------|-----------|-------|
| | | | mm | inch |
| PB6015-10 | Contact Tip | CuCrZr | 1.0 | 0.040 |
| *PB6015-12 | Contact Tip | CuCrZr | 1.2 | 0.045 |
| PB6015-14 | Contact Tip | CuCrZr | 1.4 | 0.055 |
| PB6015-16 | Contact Tip | CuCrZr | 1.6 | 0.063 |
| PB6015-20 | Contact Tip | CuCrZr | 2.0 | 0.080 |
| PB6015-24 | Contact Tip | CuCrZr | 2.4 | 0.095 |

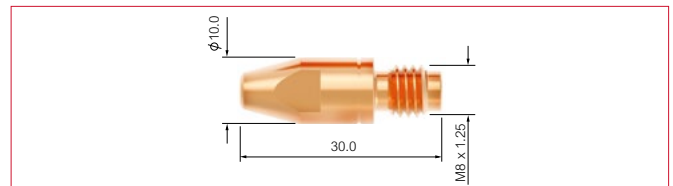


MMB 360A/401W/501W/555W

| Part No. | Description | Material | Wire Size | |
|------------|-------------|----------|-----------|-------|
| | | | mm | inch |
| PB4014-08 | Contact Tip | Cu | 0.8 | 0.030 |
| PB4014-09 | Contact Tip | Cu | 0.9 | 0.035 |
| PB4014-10 | Contact Tip | Cu | 1.0 | 0.040 |
| *PB4014-12 | Contact Tip | Cu | 1.2 | 0.045 |
| PB4014-14 | Contact Tip | Cu | 1.4 | 0.055 |
| PB4014-16 | Contact Tip | Cu | 1.6 | 0.063 |
| PB4014-20 | Contact Tip | Cu | 2.0 | 0.080 |
| PB4014-24 | Contact Tip | Cu | 2.4 | 0.095 |
| PB4014-10A | Contact Tip | Cu | 1.0 | 0.040 |
| PB4014-12A | Contact Tip | Cu | 1.2 | 0.045 |
| PB4014-16A | Contact Tip | Cu | 1.6 | 0.063 |



| | | | | |
|------------|-------------|--------|-----|-------|
| PB4015-08 | Contact Tip | CuCrZr | 0.8 | 0.030 |
| PB4015-09 | Contact Tip | CuCrZr | 0.9 | 0.035 |
| PB4015-10 | Contact Tip | CuCrZr | 1.0 | 0.040 |
| *PB4015-12 | Contact Tip | CuCrZr | 1.2 | 0.045 |
| PB4015-13 | Contact Tip | CuCrZr | 1.3 | 0.052 |
| PB4015-14 | Contact Tip | CuCrZr | 1.4 | 0.055 |
| PB4015-16 | Contact Tip | CuCrZr | 1.6 | 0.063 |
| PB4015-20 | Contact Tip | CuCrZr | 2.0 | 0.080 |
| PB4015-24 | Contact Tip | CuCrZr | 2.4 | 0.095 |
| PB4015-10A | Contact Tip | CuCrZr | 1.0 | 0.040 |
| PB4015-12A | Contact Tip | CuCrZr | 1.2 | 0.045 |
| PB4015-16A | Contact Tip | CuCrZr | 1.6 | 0.063 |

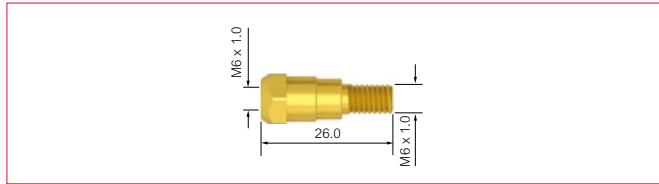


* Denotes torch package standard wear part set-up

Tip Adaptors

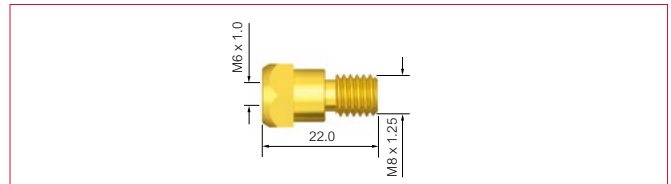
MMB 240A

| Part No. | Description | Material |
|----------|-------------|----------|
| * PB2412 | Tip Adaptor | Brass |



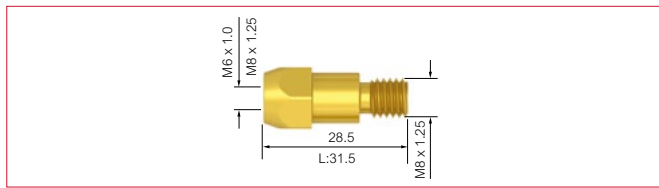
MMB 260A

| Part No. | Description | Material |
|----------|-------------|----------|
| * PB2612 | Tip Adaptor | Brass |
| PB2612M8 | Tip Adaptor | Brass |



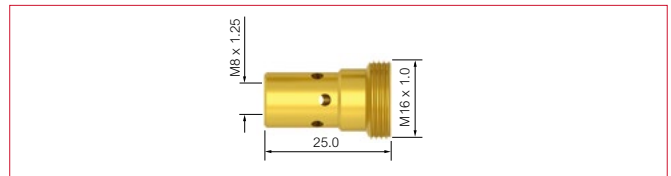
MMB 360A

| Part No. | Description | Material |
|----------|-----------------------|----------|
| PB3612 | Tip Adaptor 28.5mm M6 | Brass |
| PB3613 | Tip Adaptor 31.5mm M6 | Brass |
| * PB3614 | Tip Adaptor 28.5mm M8 | Brass |

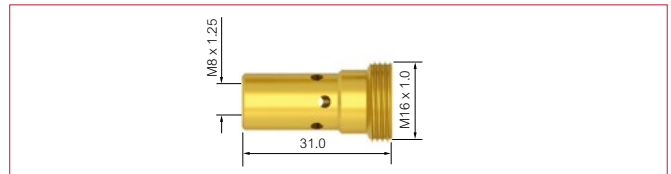


MMB 401W/501W

| Part No. | Description | Material |
|-----------|-------------|----------|
| PB5001 | Tip Adaptor | Brass |
| * PB5001C | Tip Adaptor | CuCrZr |

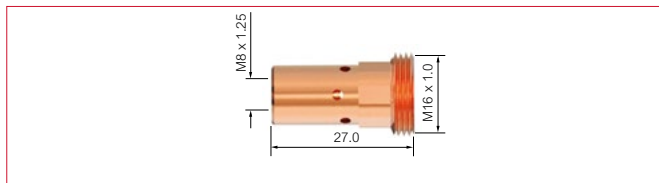


| | | |
|---------|-------------|-------|
| PB5001L | Tip Adaptor | Brass |
|---------|-------------|-------|



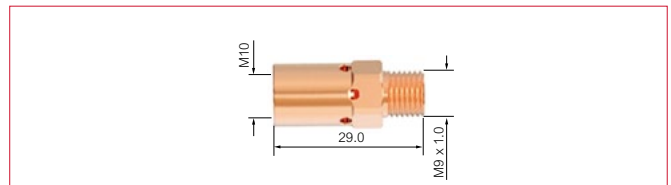
MMB 555A

| Part No. | Description | Material |
|----------|-------------|----------|
| * PB5501 | Tip Adaptor | CuCrZr |



MMB 605W

| Part No. | Description | Material |
|----------|------------------------|----------|
| * PB6501 | Tip Adaptor 29.0mm M10 | CuCrZr |

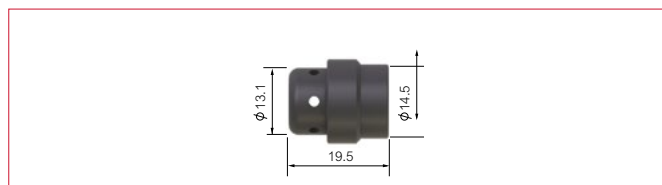


* Denotes torch package standard wear part set-up

Diffusers

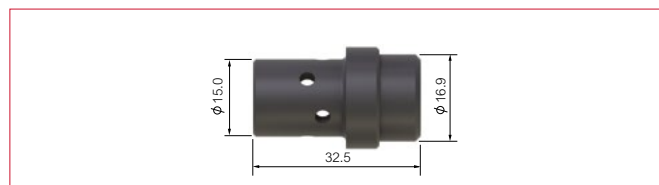
MMB 240A

| Part No. | Description | Colour | Material |
|-----------|-------------|--------|----------|
| * PB2405B | Diffuser | Black | DMC3 |
| PB2405C | Diffuser | White | Ceramic |
| PB2405W | Diffuser | White | DMC3 |
| PB2405S | Diffuser | Red | Silicon |



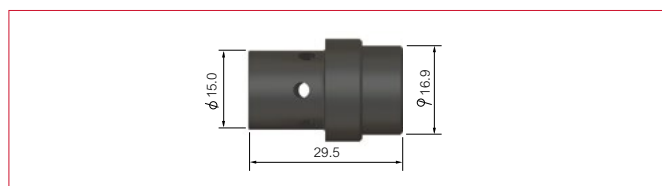
MMB 360A

| Part No. | Description | Colour | Material |
|-----------|---------------------------|--------|----------|
| * PB3605B | Diffuser | Black | DMC3 |
| PB3605C | Diffuser | White | Ceramic |
| PB3605W | Diffuser | White | DMC3 |
| PB3605H | Diffuser-High Performance | Black | HPP |



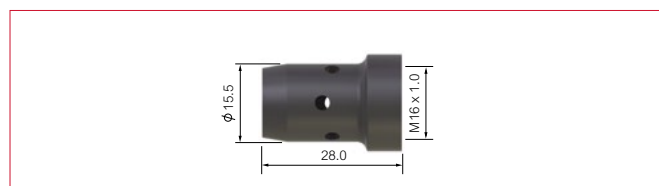
MMB 260A

| Part No. | Description | Colour | Material |
|-----------|-------------|--------|----------|
| * PB2605B | Diffuser | Black | DMC3 |
| PB2605C | Diffuser | White | Ceramic |
| PB2605W | Diffuser | White | DMC3 |



MMB 401W/501W/555W

| Part No. | Description | Colour | Material |
|-----------|---------------------------|--------|----------|
| * PB5005B | Diffuser | Black | DMC3 |
| PB5005C | Diffuser | White | Ceramic |
| PB5005W | Diffuser | White | DMC3 |
| * PB5005H | Diffuser-High Performance | Black | HPP |



MMB 605W

| Part No. | Description | Colour | Material |
|-----------|---------------------------|--------|----------|
| * PB6505H | Diffuser-High Performance | Black | DMC3 |



* Denotes torch package standard wear part set-up

Liner Options 1.0-1.2mm

MMB 240A/260A/360A

| Part No. | Description | Length | Nipple | Wire Size mm |
|-------------|-------------------|--------|----------------|-----------------|
| * PB2524-30 | Steel Liner x 3mt | 3.4mt | Moulded Nipple | 1.0-1.2 |
| * PB2524-40 | Steel Liner x 4mt | 4.4mt | Moulded Nipple | 1.0-1.2 |
| * PB2524-50 | Steel Liner x 5mt | 5.4mt | Moulded Nipple | 1.0-1.2 |



| | | | | |
|------------|-------------------|-------|--------------|---------|
| PB2524-30B | Steel Liner x 3mt | 3.4mt | Brass Nipple | 1.0-1.2 |
| PB2524-40B | Steel Liner x 4mt | 4.4mt | Brass Nipple | 1.0-1.2 |
| PB2524-50B | Steel Liner x 5mt | 5.4mt | Brass Nipple | 1.0-1.2 |



MMB 401W/501W/555W/605W

| Part No. | Description | Length | Nipple | Wire Size mm |
|-------------|-------------------|--------|----------------|-----------------|
| * PB5033-30 | Steel Liner x 3mt | 3.5mt | Moulded Nipple | 1.0-1.2 |
| * PB5033-40 | Steel Liner x 4mt | 4.5mt | Moulded Nipple | 1.0-1.2 |
| * PB5033-50 | Steel Liner x 5mt | 5.5mt | Moulded Nipple | 1.0-1.2 |



| | | | | |
|------------|-------------------|-------|--------------|---------|
| PB5033-30B | Steel Liner x 3mt | 3.5mt | Brass Nipple | 1.0-1.2 |
| PB5033-40B | Steel Liner x 4mt | 4.5mt | Brass Nipple | 1.0-1.2 |
| PB5033-50B | Steel Liner x 5mt | 5.5mt | Brass Nipple | 1.0-1.2 |



* Denotes torch package standard wear part set-up

Liner Options 0.8-1.6mm

MMB 240A/360A/401W/501W/555W/605W

| Part No. | Description | Length | Nipple | Wire Size mm |
|-----------|---------------------------|--------|---------------------|-----------------|
| PB2513-30 | Teflon Liner x 3mt | 3.6mt | Teflon Brass Nipple | 1.0-1.2 |
| PB2513-40 | Teflon Liner x 4mt | 4.6mt | Teflon Brass Nipple | 1.0-1.2 |
| PB2513-50 | Teflon Liner x 5mt | 5.6mt | Teflon Brass Nipple | 1.0-1.2 |
| PNE1564 | Optional Brass Neck Liner | 0.3mt | Teflon Brass Nipple | 0.8-1.2 |



| | | | | |
|-----------|---------------------------------------|-------|--------------|---------|
| PB2564-30 | Polyamide/Brass Liner 4.7mm O/D x 3mt | 3.6mt | Brass Nipple | 1.2-1.6 |
| PB2564-40 | Polyamide/Brass Liner 4.7mm O/D x 4mt | 4.6mt | Brass Nipple | 1.2-1.6 |
| PB2564-50 | Polyamide/Brass Liner 4.7mm O/D x 5mt | 5.6mt | Brass Nipple | 1.2-1.6 |



* Denotes torch package standard wear part set-up

Liner Options 1.2-1.6mm

MMB 360A

| Part No. | Description | Length | Nipple | Wire Size mm |
|-----------|-------------------|--------|----------------|-----------------|
| PB3631-30 | Steel Liner x 3mt | 3.4mt | Moulded Nipple | 1.6 |
| PB3631-40 | Steel Liner x 4mt | 4.4mt | Moulded Nipple | 1.6 |
| PB3631-50 | Steel Liner x 5mt | 5.4mt | Moulded Nipple | 1.6 |



| | | | | |
|------------|-------------------|-------|--------------|-----|
| PB3631-30B | Steel Liner x 3mt | 3.4mt | Brass Nipple | 1.6 |
| PB3631-40B | Steel Liner x 4mt | 4.4mt | Brass Nipple | 1.6 |
| PB3631-50B | Steel Liner x 5mt | 5.4mt | Brass Nipple | 1.6 |



MMB 401W/501W/555W/605W

| Part No. | Description | Length | Nipple | Wire Size mm |
|-----------|-------------------|--------|----------------|-----------------|
| PB5034-30 | Steel Liner x 3mt | 3.5mt | Moulded Nipple | 1.2-1.6 |
| PB5034-40 | Steel Liner x 4mt | 4.5mt | Moulded Nipple | 1.2-1.6 |
| PB5034-50 | Steel Liner x 5mt | 5.5mt | Moulded Nipple | 1.2-1.6 |



| | | | | |
|------------|-------------------|-------|--------------|---------|
| PB5034-30B | Steel Liner x 3mt | 3.5mt | Brass Nipple | 1.2-1.6 |
| PB5034-40B | Steel Liner x 4mt | 4.5mt | Brass Nipple | 1.2-1.6 |
| PB5034-50B | Steel Liner x 5mt | 5.5mt | Brass Nipple | 1.2-1.6 |



* Denotes torch package standard wear part set-up

Liner Options 1.2-2.0mm

MMB 501W/555W/605W

| Part No. | Description | Length | Nipple | Wire Size mm |
|-----------|---------------------------|--------|--------------|-----------------|
| PB3626-30 | Teflon Liner x 3mt | 3.6mt | Brass Nipple | 1.2-1.6 |
| PB3626-40 | Teflon Liner x 4mt | 4.6mt | Brass Nipple | 1.2-1.6 |
| PB3626-50 | Teflon Liner x 5mt | 5.6mt | Brass Nipple | 1.2-1.6 |
| PNE2564 | Optional Brass Neck Liner | 0.3mt | Brass Nipple | 1.2-1.6 |



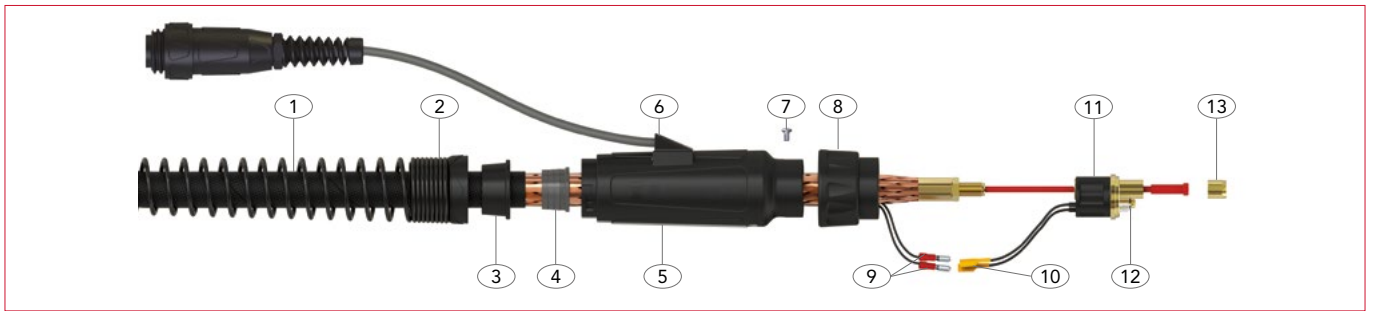
| | | | | |
|-----------|---------------------------------------|-------|--------------|---------|
| PB3564-30 | Polyamide/Brass Liner 4.7mm O/D x 3mt | 3.6mt | Brass Nipple | 1.6-2.0 |
| PB3564-40 | Polyamide/Brass Liner 4.7mm O/D x 4mt | 4.6mt | Brass Nipple | 1.6-2.0 |
| PB3564-50 | Polyamide/Brass Liner 4.7mm O/D x 5mt | 5.6mt | Brass Nipple | 1.6-2.0 |



* Denotes torch package standard wear part set-up

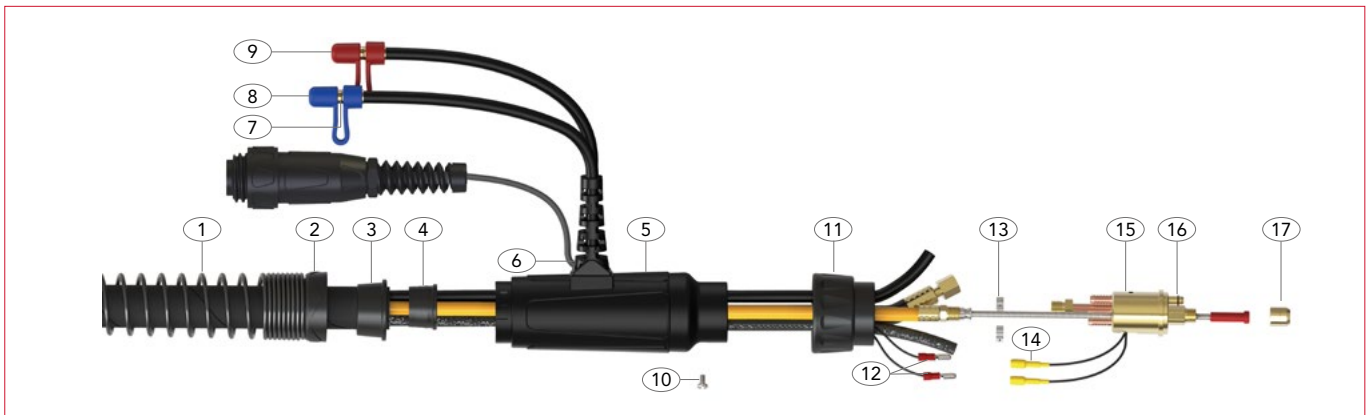
MMB 240A/260A/360A

| Part No. | Description |
|------------|--------------------------------------|
| 1 PC8027 | Housing Spring |
| 2 PT8028 | Spring Cable Support Nut |
| 3 PT8009 | Canvas Cover Clamp |
| 4 PT8010 | Canvas Cover Retainer |
| 5 PT5022 | Gun Plug Housing Assembly |
| 6 SC8017 | Large Housing Wire Cover |
| 7 PBL1541 | Gun Plug Screw |
| 8 PB1519-S | Gun Plug Housing Nut |
| 9 PB1522 | Cable Terminal Male |
| 10 PB1523 | Cable Terminal Female |
| 11 PC1528 | Hybrid Gun Plug Body c/w Spring Pins |
| 12 PB1524 | Gun Plug O Ring |
| 13 PB1525 | Liner Nut |



MMB 401W/501W/555W/605W

| Part No. | Description | |
|----------|-------------|-------------------------------|
| 1 | PC8027 | Housing Spring |
| 2 | PT8028 | Spring Cable Support Nut |
| 3 | PT8009 | Canvas Cover Clamp |
| 4 | PT8010 | Canvas Cover Retainer |
| 5 | PT5022 | Gun Plug Housing Assembly |
| 6 | PSLH1820-S | Inlet/Outlet Hose Support |
| 7 | PB5023 | Hose Nipple |
| 8 | PBD-80310 | Blue Cap Stopper |
| 9 | PBD-80320 | Red Cap Stopper |
| 10 | PB1526 | Gun Plug Screw |
| 11 | PB1519/S | Gun Plug Nut |
| 12 | PB1522 | Cable Terminal Male |
| 13 | P15400023 | Hose Clamp 10.0mm |
| 14 | PB1523 | Gun Plug Terminal Female |
| 15 | PB5098 | Gun Plug Body c/w Spring Pins |
| 16 | PB1524 | Gun Plug O Ring |
| 17 | PB1525 | Liner Nut |





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