



Product Guide

Our World Is Parts.

Our Passion Is Partnership.





Proponent is the leading independent distributor of commercial aircraft parts, serving the MRO, OEM and airline markets for over 50 years. With worldwide inventory and staff, we operate on the global scale of aerospace.

Proponent isn't just a name, it's our mission statement. With unmatched agility and service, we are focused on simplifying your aftermarket needs with custom solutions that provide you with fast, easy, and reliable delivery of critical parts.

Our relationships with aircraft operators, maintenance providers, manufacturers and our supply chain partners drive us to deliver reliable, customer-centered service that focuses on realtime needs. Currently, we support more than 500,000 priced vital aviation parts and components for all your commercial, regional and business aviation needs.

As the industry evolves and our partners' needs shift, our product and service offerings follow suit.

By constantly reviewing and adapting our product range, we remain agile enough to serve the most modern platforms while also maintaining levels of essential components for legacy fleets.

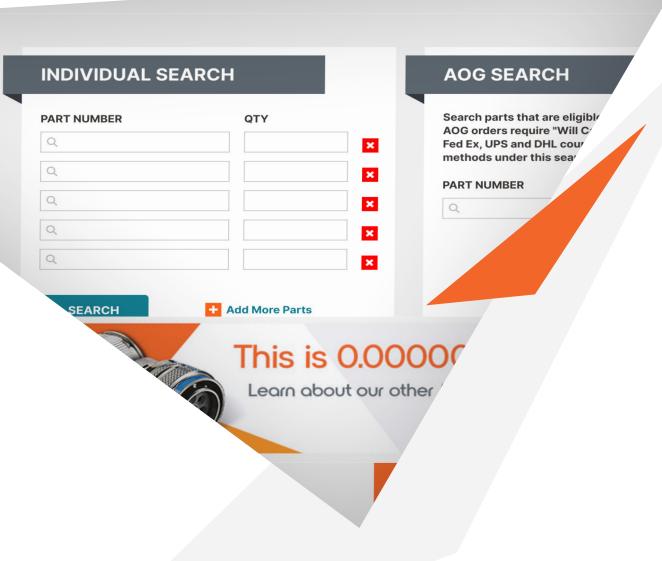
This guide features a small sample of our products. To learn about the full range of our product offerings and to discuss how Proponent can support your needs with our innovative customized solutions, please email us at support@proponent.com or call your local Proponent representative at any time.

SEE WHAT'S POSSIBLE WITH A PROPONENT® ON YOUR SIDE.

For more information, visit proponent.com.









ProCart Delivers the Time-Saving Features You Need

EASILY ACCESS YOUR ORDER INFORMATION—ANY TIME, ANY PLACE

View and print account history, invoices and certs in an instant with 24/7 access to your account details and shipping stats.

NOW YOU CAN ORDER AOG PARTS DIRECTLY IN PROCART

- Immediate access to availability and pricing
- Easy online ordering
- Step-by-step updates via voice/text
- Choose a 2-hour pickup window

BULK SEARCH FOR STREAMLINED ESTIMATING

Search details for up to 500 items at a time. Excel list upload functionality allows for faster data entry.

PROCART E-COMMERCE PLATFORM

▶ Visit today at procart.proponent.com

CONTACT US FOR MORE INFO:

support@proponent.com







Sensors



Bergen Cable **Technology**

Mechanical Cable



Amphenol CIT

Contacts, Connectors, Cable



Cinch

Connectors, Harness Components



Conidia BioScience

FUELSTAT® Test Kits



Collins Aerospace

AOA, Pilot Sensors, Fuel Measurement, Management Systems



Coneysys

Connectors



EATON

Connectors, Harness Components, Conduit, Fuel & Motion Controls



Freudenberg

Seals, Gaskets, 0-Rings



GORE PTFE Seals, Tapes



Honeywell Sensing Solutions

Sensors, Switches, Sensing and Various Control



Hutchinson

Vibration Isolation



ITT Electrofilm



K & S Enterprises

Engineered Seals



Kirkhill, Inc.

Seals, Extrusions



Lamart Corporation

Insulation Blankets, Films, Tapes



LEACH

Relays



MEGGITT

Parker Meggitt

Seals, Extrusions, Sensors



Parker

Fuel System Components, Seals, Gaskets, O-Rings



Safran

Kaiser Electro Precision

Lav Valves

Fuel Sticks, Service Connectors, Various



Safran **Landing Systems**

Spares, Customized Overhaul Kits Various



Spirit Aerosystems

Inlet/Nose Cowl



Saint-Gobain

Seals, Gaskets



TA Aerospace

Clamps, Line Blocks



Talon Aerospace

Exterior Lighting



TE Connectivity

Connectors, Harness Components, Tube/ Braid/ Relays



Titeflex

Hoses



Trelleborg Sealing Solutions

Seals, Gaskets

Aerospace & OEM Standards

Boeing Airframe Seals and Extrutions: 10-60754, BAC1522/30

Fuel Caps: MS29525/MS29526

Clamps:

Jenopik*

Jetseal*

AS/MS21919, M85052, BACC10, etc.

Hoses, Medium and High Pressure: ABS1400/1401, AS115-120, AS153-55,

AS136-141, AS4568-70, etc.

Connectors:

EN3646, D38999, BACC63BP/BV, M83723, ESC10, etc.

O-Rings, Back Up Rings:

MS28773/4, NAS1611, ABS820x, M25988, M83248, AS3209, etc.

Contacts and Connector Accessories: EN3155, BACC47CN/CP, M85049,

Seals, Couplings:

AS1895, MS9371-76, etc.

ABS0638, MS24264-66, etc.

Additional Partners Acme Crouzet* Le Joint Français Safran Ventilation Systems* **Daniels Manufacturing Scientific Instruments* Adel Wiggins** Liebherr **Dayton-Granger*** AECI Loos and Co Sensata (Kavlico)* AkroFirecqf **Eaton Cooper*** Nexans* Sensor Systems* Amphenol EDO Antenna Northern Engineering Sheffield Sumitomo Precision **Amphenol Air LB*** Gigavac Nycote **Tactical Airborne** Amphenol PCD* Oshino* Technetics* Glenair Boeing ITT Cannon Parco* Thomas and Betts*

Precix*

Proponent Technical Services

Breyden

Cinch

† GORE and designs are trademarks of W. L. Gore & Associates

^{*}Authorized Supplier Partnership







AkroFire

Cargo Liner Tape



AmSafe Bridport

Belly Hold, Bulk Hold Cargo Nets



Ancra International

Tiedown Fittings, Cargo Nets Webbing



Collins Aerospace

Smoke Detection Systems, Cargo Lights, GSE, Airport Equipment



Diehl

Cargo Lights



GORE

Sealants – Corrosion Prevention



Koito

Cargo Lights



Lamart Corporation Flexible Laminate Solutions

Cargo Liner Tape



Oshino

Cargo Lights



Safran

GSE, Airport Equipment



Talon Aerospace

Cargo LED Lights







Astronics Luminescent Systems Inc.

Flashlights, Safety Products



AstroNova

Airborne Printers, Paper



Cole Instrument Corp.

Rotary, Engine Start Switches



Collins Aerospace

Windshield Wipers, Video Surveillance



Crouzet

Switches



Donaldson Filtration Solutions

Rain Repellent



Electroswitch **Electronic Products**

Switches



Holmberg

Headsets, Handsets, Microphones



Honeywell Sensing

Switches, Sensing

Solutions

and Control

THUTCHINSON®

Hutchinson

Racking Systems, Anti-Vibration, Light Panels



Ipeco

Seats



Koito

Window Heater



Leach

Relays



Safran Electronics & Defence

Emergency Locator Transmitters



Ultra Electronics

Flight Instruments



Vision Systems

Visors, Solar Protection

Aerospace & OEM Standards

Airbus Switches and Annunciators:

ABS0951

Airbus Relays:

(asn) E0217, E0218, E0245, E0246, E0310, E0670-672

Airbus Junctions, Modules:

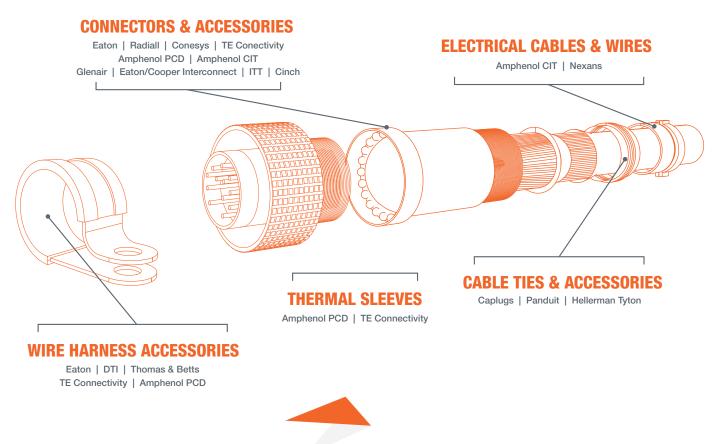
NSA937901



Your OEM Parts Pro

ProOEM specializes in providing the parts and services that drive success in the aerospace OEM sector. With a broad product portfolio, well-established supplier relationships, value add connector assembly, and deep technical knowledge from our decades of industry expertise, ProOEM is your one-stop shop for the components you need for a successful build.

Supported Interconnect Products



Why ProOEM?

BROAD PRODUCT PORTFOLIO

We pride ourselves on being able to provide almost everything you need for a job, with a wide variety of interconnect, interior, safety, and other critical aircraft parts. Many of our products are in stock and available now.

TECHNICAL EXPERTISE

We're more than just stocking and logistics specialists. Our team of experts understands the uses and benefits of all the components that we support. Yes, we can tell you what we have in stock, but we can also advise you on which part is right for your situation.

ESTABLISHED SUPPLIER RELATIONSHIPS

We know relationships are what really keep planes in the air. Our long-term relationships with suppliers allow us to get what you need, when you need it, for a fair price.

VALUE-ADD CONNECTOR ASSEMBLY

We're an authorized value-added distributor, partnering with leading connector suppliers. With two global assembly facilities, we purchase components in volume to meet your exact needs, including military and commercial applications.

















Adel Wiggins

Clamps

Auixtrol Weston Sensors

Contacts

Amphenol CIT Collins Aerospace

Sensors, Speed, Fuel, Temp, Torque, Oil Sensors Conesys

Connectors

Donaldson

Filters

EatonConnectors, Harness

Components, Fuel & Motion Controls

FREUDENBERG

Freudenberg

Seals, Gaskets,

0-Rings

Honeywell

Honeywell

Seals, Gaskets

HUTCHINSON®

Hutchinson

Seals, Gaskets

V ITT | Koni

ITT

Acutators, Valves

BRIA, GA

Kirkhill, Inc.

Seals, Extrusions

LEACH
INTERNATIONAL CORP

LEACH

Relays

⊋arker MEGGíTT

Parker Meggitt

Valves, Sensors, Fire Protection, Thermal Management



Fuel System Components, Seals, Gaskets, O-Rings

Parker



TA Aerospace

Clamps, Line Blocks



TE Connectivity

Connectors, Harness Components, Tube/ Briad, Relays



Titeflex

Hoses



Trelleborg

Seals, Gaskets



Voss

Clamps, Couplings

Aerospace & OEM Standards			
Clamps: AS/MS21919, M85052, BACC10, etc.	Connectors: EN3646, D38999, BACC63BP/ BV, M83723, ESC10, etc.	Contacts and Connector Accessories: EN3155, BACC47CN/CP, M85049, ABS0638, MS24264-66, etc.	Hoses, Medium and High Pressure: ABS1400/1401, AS115-120, AS153-55, AS136-141, AS4568-70, etc.
O-Rings, Back-up Rings: MS28773/4, NAS1611, ABS820x, M25988, M83248, AS3209, etc.	Seals, Couplings: AS1895, MS9371-76, etc.		
Additional Partners			

Additional Partners			
American Seal & Engineering*	Cole Instrument	Le Joint Français	Saint-Gobain*
Amphenol	Daniels Manufacturing	Nexans*	Scientific Instruments*
Amphenol Air LB*	Eaton Cooper*	Northern Engineering Sheffield	Secan*
Amphenol PCD*	Gigavac	Nycote	Sensata (Kavlico)*
Bergen Cable Technology*	Glenair	Parco*	Sensata Technologies
Breyden	ITT Cannon	Precix*	Technetics*
Cinch	Jetseal*	RadialI*	Thomas and Betts*

^{*}Authorized Supplier Partnership



Having the hardware that you need for all of the aircraft in your fleet helps you keep them in working order. We provide you with key hardware components that are in-stock and ready for sameday shipping worldwide so you do not need to worry about finding and getting the right part.





Adel Wiggins Clamps/Couplings



Ankit Aerospace PVT Limited

Bolts/Screws, Collars, Fittings, Nuts, Pins



Ateliers De La Haute Garonne

Bolts/Screws, Collars, Pins, Rivets



Avantus

Bolts/Screws, Shims



Briles Aerospace,

LLC. Bolts



CAM

Bolts/Screws, Clamps/ Couplings, Fittings, Nuts, Washers



Central Wire

Bushings, Sleeves, Wire



Crescent Manufacturing Co.

Screws



GrowerMetals Washers

HARPER ENGINEERING CO.

Harper

Hinges, Latches

Heartland Precision Fasteners

Bolts, Screws

Ho-Ho-Kus

Clamps/Couplings, Hinges, Latches



Howmet

Bolts/Screws, Nuts, Pins, Rivets, Washers



J & M

Clamps/Couplings



Lisi

Bolts/Screws, Collars, Latches, Nuts, Pins



NAFCO

Bolts/Screws, Nuts



New Hampshire Ball Bearings

Bearings/Bushings



NMC

Clamps/Couplings, Inserts, Studs

NOVARIA

Novaria

Bushings, Bolts/ Screws, Fittings, Inserts, Nuts



Paolo Astori

Nuts



Parker Fasteners

Bolts/Screws



Bolt/Screws, Collars, Inserts, Nuts, Pins



Inserts, Latches, Nuts, Studs, Washers



TA Aerospace

Clamps, Couplings

Bolts/Screws, Blind Fasteners, Collars, Rivets

Trimas

► UMPCO INC

Umpco

Clamps/Couplings

Upslakshmi Private Company

Bolts/Screws, Nuts, Pins



Western Wire **Products Company**

Cotten Pins

Aerospace & OEM Standards			
Fittings: ABS0341, AS15001, BACE21, MS21902, etc.	Clamps: AS/MS21919, BACC10, M85052, etc.	Bolts: ASNA2001, BACB30, BACS12, NAS660*, MS21250, etc.	Latches/Hinges: ASNA2386, ABS0262, BACL10, BACH20 NSA5722, etc.
BACB10, BACB28, MS1410*, NAS75, NSA5607, 10-60516, etc.	BACC30, DAN5, HL*, NSA5075, etc.	BACN10, BAN11, EN6131, MS17825, NAS1805, etc.	BACR15, BACW10, MS20426, MS20002 NAS1919, etc.
Additional Partners			
3V Fasteners Co. Inc.	Bristol Industries	Moeller MFG & Supply Co.	Shur-Lok International
Advanex Europe Limited	Caliber Aero	Monogram	Space Lok Inc.
Aerofit Inc.	California Screw Products	MW Components	TFI Aerospace Corp.
Air Industries, Inc.	ESNA, LLC.	North East Fasteners Corp.	The Young Engineers, Inc.
Alemite LLC	GGB	PB Fasteners	TJ Brooks/SPS Tech
Allfast Fastening Systems, Inc.	Hydro-Fitting MFG Corp.	Rotor Clip	Turning Tech
American Ring Co.	Loos & Co Inc	SAJE	Voss
Anillo Industries, Inc.	Mac Fasteners, Inc.	Saturn Fasteners Inc.	
B&B Specialities, Inc.	Marketing Masters, Inc.	Shur-Lock Company	





≰ctron









Accenture

Halon Replacement Fire Extinguishers

Actron

Latches, Interior Hardware

Ancra International

Seat Track, Anchors, Fittings

Collins Aerospace

Galley Inserts, Lighting, Heated Floor Panels, Water Systems

Donaldson Filtration Systems

Filters



Water Filtration



PTFE Seals, Tapes





Lighting, Signage













Acuators, Dampers, Seat Motion Control



Lamart Corporation

Insulation, Tapes, Films

Magee

Part of Trelleborg Group

Interior Components

Parker Meggitt

Fire Protection, Restraints, Coalescers

Recaro

Seats



Lav Valves, Oxygen Systems, Masks, **Trolley Carts**



Schroth

Retraints



SFS intec

Hardware





Switlik

Life Vests



Talon

Lighting





Trelleborg

Seals, Gaskets



Visors, Solar **Protection Systems**

Aerospace & OEM Standards

Airbus and Boeing Extrusions & Profiles: ABS0305, ABS0317, ABS5642/3, BAC1522

Clamps:

AS/MS21919, M85052, BACC10, etc.

Gas Springs: ASNA2151

Additional Partners			
AES (Aircraft Elektro Systems)	Electroswitch*	Jamco	Safran Cabin
Aim Altitude*	Federal Signal	Lufthansa Technik	Sensata (Kavlico)*
Amsafe Inc.	Gigavac	Madelec	Siemens S.A.S.
Array Connector Corp.	Harper Engineering*	Micropump*	Source Manufacturing
Astronics LSI	Havells Sylvania	Morgan Hinges	Stabilius*
BAE Systems	Hebmüller SRS Technik	Nycote	TE Connectivity*
Cole Instrument	Honeywell (Microswitch)*	Oshino*	Yokohama Aerospace
DAPCO	Hutchinson (Paulstra Vibrachoc)*	Pentair	
Diehl Aerospace and Aviation	IFPL	Proponent Technical Services*	
DTI (Device Technologies Inc.)*	Ipeco	Saint Gobain*	

^{*}Authorized Supplier Partnership

 $^{^\}dagger\,\mbox{GORE}$ and designs are trademarks of W. L. Gore & Associates

Added Value Through Manufacturing

Proponent has earned a remarkable reputation based on decades of on-time delivery, a wide range of high-quality aerospace parts, and customer-centered service. As a value-added distributor, we pride ourselves on being able

to provide manufacturing services to meet our customers' needs. Our state-of-the-art systems and equipment enhance more than a half-century of direct experience in developing innovative solutions for complex customer build-to-print needs. We are your manufacturing source for special alloys & gaskets.

AN AS9100 & BOEING APPROVED MANUFACTURER





Manufacturing Capabilities

- CNC multi-axis machining, horizontal and vertical
- High-speed machining software
 - Interactive CAD/CMM systems
 - uild-to-print machined & assemblies omplete
 - inker EDM
 - Turnkey design, fabrication, finishing, assembly

- Water jet machining
- Flat pattern & mold extrusion seals cutting & bonding
- High-speed machining software
- Traceability/certification

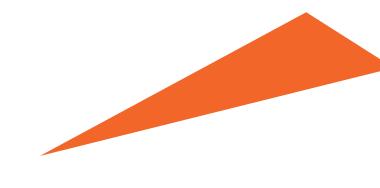
Special Concentration

- Large-part precision machining to 120"
 Complex configuration inspection
 Exotic alloy machining
- Internet link to customer part database
- Project management / turn key offering

CONTACT US FOR MORE INFO

manufacturing@proponent.com

www.proponent.com/manufacturing-capabilities



Value Added Services

Kitting

PROGRAMS

- Electrical Harness
- Connectors
- MEC / HMU
- FCU / Main Fuel Pump
- Heat Exchanger
- IDG
- Oil Cooler
- Check Valves
- And More...

SOLUTIONS

- Reduction of Logistics
 Cost: Multiple parts & suppliers in one kit
- Improved OperationsEfficiency: All parts of a complete job in one package
- 3. Reduce Workload at Procurement: One PO instead of multiple

4. Optimization of Inventory

Management:
Improved availability of parts; reduced number of active PNs

- 5. Streamlined Warehouse Management: Reduced number of SKUs
- 6. All Parts Fully Traceable:
 All documents and
 certificates must be handled
 by Proponent
- 7. Proponent Kits are Fully Customizable:

We understand customers' needs are different, so we design and customize our kits based on your needs

Vendor Reduction

- Logistics Cost Savings: Make use of Proponent's global logistics network
- Reduced Procurement Workload: One PO processing and monitoring instead of multiple POs from multiple vendors
- Advantage of Scale: The customer's parts demand will be combined with Proponent's global parts demand, reducing costs
- Inventory Coverage: Make use of our vast experience in demand forecasting and stock management

- Portfolio Breadth: Extensive network of suppliers
- Bin/Line Feed: A steady flow of materials directly into customer production line determined with the customer based on historical and proactive forecast data
- Quality Control: Inspection of all parts based on the customer's QC requirements avoiding any delays with the production line



CONSIGNMENT

Proponent takes responsibility for improved availability of a predefined scope of parts by placing them at the customer location on consignment basis and automatically replenishing those parts based on forecasts and prior months' usage.

Typically, these materials will be consigned by Proponent and can be managed via various interfaces (XML messaging) or dedicated EDI tools.

FEATURES

- Stored onsite close to shop floor
- Pay per use principle
- Returns available
- Periodic invoicing
- Automatic replenishments based on FC or PO
- Planning & monitoring
- Common Types VOI, VMI, and ProStore

ProStore



- Suitable for any type of LRU's and scalable to suit large and small MROs
- Configurable to comply to MRO documentation requirements
- MRO can tie invoices to workorder
- Easy implementation. Intuitive. On Wi-Fi & 4G.
- Material certificates available on-line

TASKS (COST)	MRO	ProStore
Monitor Stock Levels	✓	✓
Vendor Management	/	/
Re-Order Quantities	/	/
Generate / Place PO	/	/
Manage Order Flow	/	~
Order Logistics	/	/
Goods Inspection	~	~
Kitting	/	/
Goods Picking	/	×
Goods Receipt	✓	×





While our focus is on aerospace distribution, we have complementary capabilities through dedicated business units, each providing specialized solutions for the unique aspects of aviation business markets.



We specialize in complete replacement components for helicopters. Our unique inventory allows us to consistently and immediately respond to your crucial spare parts requirements while maintaining the most competitive pricing advantages to our customers. Proponent Helicopter Services specializes in replacement components for Bell helicopters, from large components to hardware.

One of the largest independent suppliers of replacement parts for helicopters

ADDRESS

205 Holly Hill Rd. Mineral Wells, TX 76067 USA

PHONE

+1 661-295-6775

EMAIL

sales@phsvs.com







Proponent Battery Services GmbH offers a wide variety of unique D+C Test Equipment to support its airlines and MRO customers worldwide. We are an Authorized Distributor for all leading manufacturers of aircraft batteries and spare parts and hold aerospace service and maintenance approval in accordance with EASA Part-145 / FAA 145 /UK 145.

The company is an Authorized Distributor for manufacturers such as Saft, Marathon, and Hawker. The product line also covers Concorde and Gill lead-acid batteries.

The customers of Proponent Battery Services GmbH comprise national and international airlines, regional and business airlines, helicopter operators, and MRO companies. Manufacturer of battery test equipment, authorized distributor, and provider of MRO services

ADDRESS PHONE EMAIL Hessenring 4b +49 610597010 info@proponent-battery.com





Proponent Technical Services offers a variety of aftermarket products via the design and development of FAA approved PMA and STC articles. They also offer repair and exchange services via its FAA and EASA Part 145 Repair Station rated for Limited Instrument and Limited Accessory. This is a dedicated and experienced team focused on providing excellent customer service and contributes to the diversity of goods and services Proponent can supply to the global market. Please reach out for your aftermarket and repair needs.

Top-notch aerospace business unit focused on the development, certification, production, and support of FAA approved PMA, STC, and Repairs exclusively for Proponent.

ADDRESS

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ptsrepair@proponent.com







HC Pacific is a specialized stocking distributor catering to critical Land, Air, and Sea Military platforms, offering value-added services such as kitting, military packaging, JIT delivery systems, and advanced analytics to support supplier and customer decision-making. Committed to delivering unparalleled quality and reliability in aerospace distribution, HC Pacific aims to support the missions of its customers in the aerospace and defense sectors.

Premier distributor in Aerospace and Defense Industry

ADDRESS

5536 Ontario Mills Parkway, Ontario, CA 91764 USA

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EMAIL

sales@hcpacific.com

Wherever Our Customers Need Us

With facilities strategically placed around the world and the independence to stay agile, Proponent is always ready to respond to our customers' needs, even when those needs change.

We are committed to supporting our aircraft operators, maintenance organizations and OEM customers – wherever they may be.

We'd love to hear how Proponent can better serve your needs. Please let us know by emailing support@proponent.com or by calling your local Proponent representative at any time.

For more information, visit proponent.com.





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