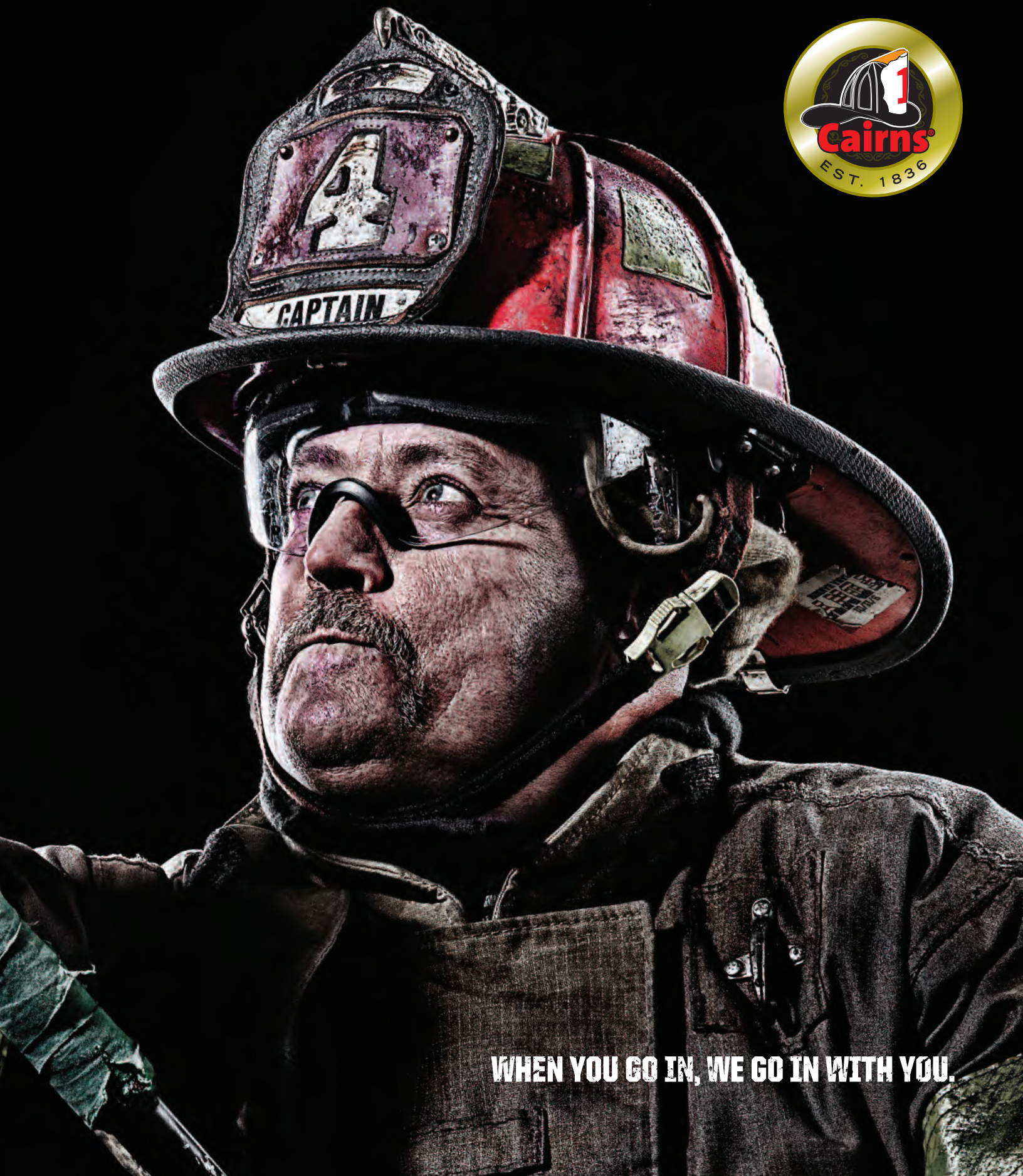


MSA Cairns® Fire & Rescue Helmets

MSA
The Safety Company



WHEN YOU GO IN, WE GO IN WITH YOU.



Table of Contents

Choose MSA Cairns	3	MSA Cairns Helmets	7–37	Components & Options	38–52	Communication	53–55
MSA Cairns Helmets Overview	4–5	Leather Helmets	7–12	Earlaps, Chinstraps, Trim	39	MSA Cairns Replacement Parts	56–64
Key Safety Features	6	Traditional Helmets	13–21	Eye & Face Protection	40–41		
		Modern Fire & Rescue Helmets	22–35	Fronts	42–49		
		Presentation Helmets	36–37	Decals & Title Tapes	50–52		



Great Reasons to Choose MSA Cairns® Helmets

We've been proudly manufacturing fire helmets since 1836. And to this day when it comes to head protection, more first responders trust MSA Cairns brand fire helmets than any other. Here are just a few reasons why:



1 Shell Release System (SRS)

The MSA Cairns Shell Release System (SRS), offered in our most popular fire helmets, protects from impact and heat—even when your helmet is dislodged from your head.

With the SRS, if your helmet comes off because you fell through a floor or roof, the impact cap separates from the helmet shell, **but remains on your head**, leaving your head better protected from additional impact, projectiles and heat. Without SRS, all you've got is a Nomex hood.

2 Retractable MSA Cairns Defender® Visor

North America's first (and still the best) NFPA 1971 and ANSI/ISEA Z87.1 impact-rated, integral visor. The Defender Visor was designed with firefighters in mind. The entire visor stows when not in use (so it can't be lost), and can be deployed the instant it's needed – even with a gloved hand. Replacement of the lens does not require special tools or disassembly of the helmet. All of these benefits make the Defender Visor the best-selling firefighting eye protection in the market.

3 Best In Class


In a recent survey of firefighters across the nation¹, the majority listed MSA Cairns brand as "best in class." When you consider the combined effectiveness of our SRS, crumple-zone front holder, impact cap, and suspension—our fire helmets offer the most complete package on the market.

4 With MSA Cairns, You Get **More** than You Pay For

We know, as do firefighters, that MSA Cairns Helmets are the most durable products on the market. We back up that claim with a 10-year lifetime warranty that the product will be free from defects in materials and/or faulty workmanship². When you factor in the quality, ease of maintenance and unique safety features found **ONLY** in MSA Cairns Helmets, it's easy to see why firefighters are loyal to the MSA Cairns brand.

5 Same Day Shipping on Our Most Popular Items



When you can't afford to wait another day, MSA offers our most popular Cairns products in our Stock-Order-Ship (SOS) program. For these products, if your order is entered by 2:30 PM (EST), the product ships the same day from our warehouse in Pittsburgh, PA. Look for  beside products in the program. Remember, too, you can always order customized MSA Cairns Fire Helmets through Assemble-to-Order (ATO). ATO forms are on every fire helmet page on www.MSAfire.com

¹Fire helmet brand assessment study conducted by an outside research firm for MSA.

²For MSA Cairns Fire Helmet Warranty details, please see www.MSAfire.com. 10-year warranty applies to helmets manufactured on or after 1/1/2015.

MSA Cairns Helmets Overview

				
	N6A Houston®	N5A New Yorker®	MSA Cairns 1010 & 1044	880 Tradition®
Page Number	9	9	16	18
SHELL				
10-Year Warranty*	■	■	■	■
Made in the USA	■	■	■	■
Leather	■	■		
Fiberglass Composite			■	
Thermoplastic				■
SAFETY OPTIONS				
Impact/Thermal Cap	■	■	<i>NEW! See page 15 for details.</i>	■
Defender Visor			■	
Shell Release System			■	
Crumple-zone Front Holder	■	■	■	■
ARFF Proximity System			■	
STANDARDS COMPLIANCE				
NFPA 1971 (structural)	■		■	■
NFPA 1971 (proximity)			■	
NFPA 1951 (rescue)				
OSHA 1910.156	■	■	■	■

Helmet Shell Material

Leather	<ul style="list-style-type: none"> The original MSA Cairns fire helmet material 100% top-grain steer hide Impregnated with a natural resin system Hand-tooled by craftsmen Available on N5A New Yorker & N6A Houston
Fiberglass Composite	<ul style="list-style-type: none"> Most popular MSA Cairns fire helmet material Most durable MSA Cairns shell material Available in matte and painted finish Available on 1010, 1044, 660C, 664 & HP3
Thermoplastic	<ul style="list-style-type: none"> More durable than leather, but not as durable as fiberglass Lightest weight material Available on 880 & 360S/R/R-13

Helmet Style Overview

Traditional	<ul style="list-style-type: none"> Classic fire helmet design Most popular MSA Cairns fire helmet style Generally lower profile than our competitors' traditional helmets Helmets: N5A, N6A, 1010, 1044 & 880
Modern	<ul style="list-style-type: none"> Lower profile than our traditional style Lower profile than most of our competitors' modern style helmets Helmets: 660C, 664, HP3, & 360S/R/R-13

*10-Year Warranty applies only to MSA Cairns Fire Helmets manufactured on or after January 1, 2015. For details on both MSA Cairns warranties, visit Fire Helmet product page on MSAFire.com.



660C Metro® & Invader 664®	Structural 360S®	Commando HP3®	Rescue 360R	Rescue 360R-13
24	26	28	30	32
■	■	■	■	■
■	■	■	■	■
■		■		
	■		■	■
■	■	■	■	
■		■		
■		■	■	
■		■	■	■
■		■	■	

Helmet Colors

	Black	Yellow	Red	White	Orange	Blue	Green	Pink	Natural*
N6A Houston	■	■	■	■	■	■	■		■
N5A New Yorker	■	■	■	■	■	■	■		■
MSA Cairns 1010	■	■	■	■	■	■	■	■	
MSA Cairns 1044	■	■	■	■					
880 Tradition	■	■	■	■	■	■			
660C Metro	■	■	■	■	■	■	■	■	
Invader 664	■	■	■	■					
Commando HP3	■	■	■	■	■	■	■	■	
Structural 360S	■	■	■	■	■	■			
Rescue 360R	■	■	■	■	■	■			
Rescue 360R-13	■	■	■	■	■	■			

Colors shown are approximate. *Not NFPA-1971 compliant

Key Safety Features

MSA Cairns Shell Release System (SRS)

Available on 1010, 1044, 660C and 664.

With it

If your MSA Cairns Helmet is struck by collapsing structure or is hung up during a fall through a roof, floor, etc. . .

1. Your helmet shell separates from the impact cap.
2. The impact cap and earlaps remain on your head, which means you still have impact and thermal protection despite losing your helmet shell.

Without it

If you were wearing a competitor's helmet in a situation like this...

1. Your helmet would have been ripped off your head.
2. Best case scenario: you'd have no more than a Nomex hood to protect you from additional impacts or heat exposure as you either attempt to exit the structure or await rescue.



MSA Cairns Defender Visor

The original integrated, retractable eye protection.

- Our most popular eye protection option
- Meets NFPA 1971 and ANSI/ISEA Z87.1
- Stores inside your helmet so it...
 - deploys and stows easily
 - stays protected from heat and debris when not in use
 - doesn't block your front piece
 - never gets lost or misplaced
- Features a quick-disconnect system so you can easily maintain or change out lenses without tools
- Fits most firefighters, even with glasses
- Available on 1010, 1044, 660C, 664 and HP3
- Available as a user-upgrade kit for the same helmets (see page 55)



MSA Cairns ARFF Proximity System

- Consists of an aluminized bonnet and shroud as well as a 6" gold-coated faceshield
- NFPA-1971 compliant for proximity use
- Does not interfere with your SCBA
- Easy to use
- Available on 1010*, 1044*, 660C and 664



*Compliant without front-piece holder



MSA Cairns **Leather Helmets**

7



Testimonials



I have been wearing MSA Cairns helmets all my career. I have to say that MSA Cairns produces the best helmets in the fire service.

I currently will only wear a **MSA Cairns Leather** helmet, unless I am teaching a burn class then it either my 360 or 660. The picture shows just a sampling of the MSA Cairns helmets that I currently wear and will continue to wear as long as I can. Thanks for making such a great and safe product.

Jim K.
Throop, PA
Wm. Walker Hose Co.



I have two old leather helmets, a **NSA Houston** and a **N6A New Yorker**. Both are still in active service. I have been to too many HOT structure fires to count, and the helmets are still strong as ever. They have all been refurbished and are still going. You make the best helmets known to man—God bless you all.

Warren S.
Pamplico, SC
Windy Hill, Carrer FF /
Hannah Salem Volunteer



I have written several times about the countless times that I feel my MSA helmet has protected me during training and fire ground operations. I would [now] like to write about the difference that MSA helmets have made in my life and that of my department. ... **MSA Cairns Leather Helmets** represent tradition, commitment, and love for the profession. ... Allowing firefighters to wear these traditional AMERICAN helmets brings a pride that does not have a monetary value and can not be easily replicated.... We now have a long line of "leather heads" at SFR. The only helmet in the S.O.G is MSA Cairns—proven tough, dependable, durable, and firefighter proof! I thank MSA for continuing to build these work of arts that are fixed in the AMERICAN fire service, and I am proud to wear my helmet in the US and while teaching abroad. When asked, I tell people that you can tell a firefighter's pride by his apparatus and equipment—my helmet exudes pride and ownership of this great profession.

Pabel T.
Woodstock,GA
Symrna Fire Rescue



On October 27, 2012, I was at a mutual aid house fire in a manufactured home that had a shingle roof. My crew and I were pulling ceiling in the master bedroom, trying find the fire and make a stop on it. The fire got ahead of us, and the roof and ceiling gave way, hitting us all in the head. I was wearing my **NSA New Yorker** helmet, and it saved my head. My partner's helmet was scuffed a little, but another one of my buddies was wearing [a competitor's helmet]—his back brim cracked and his visor broke. As for me, the next shift I was back fighting fires full-time.

Robert H.
Ward, AR
Austin Fire Department



I love the **NSA New Yorker** helmet. There is nothing better.

Kyle R.
Shamokin, PA
Independence Fire Company



N5A New Yorker & N6A Houston

For Structural Firefighting

- The Original Handcrafted Leather Firefighting Helmets
- Hat sizes: Medium (6¾ to 7½) and Large (7¾ to 8¾)



N5A New Yorker
(shown with Bourkes
& Goggles)



N6A Houston
(shown with Tuffshield)

Differences

N5A NEW YORKER	N6A HOUSTON
<ul style="list-style-type: none"> • Meets US-OSHA 1910.156 • Brass "nameplates" where North, East, South and West ribs meet the brim • No Lexan dome 	<ul style="list-style-type: none"> • Meets NFPA 1971 • No brass "nameplates" • Lexan dome for additional penetration protection

Features & Benefits

FEATURES	BENEFITS
Leather Shell	Uses only 100% top-grain high-quality steer hide impregnated with a natural resin system, unlike other "leather" helmets that use pleather, glued leather patchwork, or leather stretched over a plastic helmet shell
Crumple-zone Front Holder	Absorbs impact forces to help protect your head, neck and spine from injury
Impact Cap	Provides thermal and impact protection when you need it most
Comfort Pad Kit	Creates a customized fit unlike any other helmet
Aluminum-core Edge Trim	Helps the brim retain its shape
Embossed Helmet Brim	Oak vine pattern ties the helmet to over 180 years of MSA Cairns fire helmet design tradition
D-ring Helmet Hanger	Fits on large hooks and resists bending
Nomex Chinstrap	Enhances safety, performance and fit thanks to quick-release buckles, postman's slide, and Velcro stowage system

Colors

	Black	Yellow	Red	White	Orange	Blue	Green	Natural*
N6A Houston	■	■	■	■	■	■	■	■
N5A New Yorker	■	■	■	■	■	■	■	■

Colors shown are approximate. *Not NFPA-1971 compliant

MSA Cairns Leather Helmets

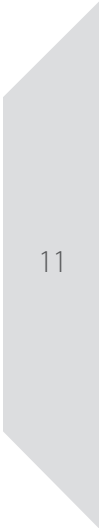
Assemble-to-Order (ATO) Selection Matrix

A	B	C	D	E
Model	Color	Size	Eye Protection	Earlaps
1 N6A Houston	1 Black	1 Medium	0 None *	1 Leather/Sateen Liner w/Jumbo Nomex Yellow Earlap
2 N6A Houston w/Bourkes *	2 Red	2 Large	1 4" Tuffshield	2 Leather/Sateen Liner w/Jumbo PBI/Kevlar Earlap
3 N5A New Yorker *	3 Blue	3 One Size (G101 only)	2 MSA Cairns ESS Goggles *	3 Leather/Sateen Liner w/Jumbo Nomex Black Earlap
4 N5A New Yorker w/Bourkes *	4 White		4 ESS Innerzone 3 Goggles	
5 G5A Presentation *	5 Yellow		5 ESS Innerzone 2 Goggles with low profile clips *	4 Liner Cushion (G5A, G64 only)
6 G64 Presentation *	6 Orange		6 ESS Innerzone 1 Goggles	
7 G101 Mini Presentation *	7 Natural *		9 ESS Innerzone 2 Goggles with side clips	5 Liner Cushion (G101 only)
	8 Green			

**Not NFPA 1971 compliant*



F	G	H	I
Front Holder	Chinstrap	Trim Type	Trim Color
<ul style="list-style-type: none"> 1 6" Carved Brass Eagle 4 6" Carved Brass Beaver 5 6" Carved Brass Dragon 6 Mini Bronze Carved Eagle (G101 only) 7 8" Bronze Carved High Eagle (G5A, G64 only) 8 6" Carved Brass Bulldog 	<ul style="list-style-type: none"> 0 None (Presentation Helmets only) 1 Nomex w/Quick-Release 2 Nomex w/Quick-Release & Postman's Slide 	<ul style="list-style-type: none"> 0 None * 2 Reflexite (Standard) 3 Scotchlite 	<ul style="list-style-type: none"> 1 Lime/Yellow (standard) 2 White * (Reflexite Only) 3 Red/Orange * 4 Red/Orange Triple Trim (Scotchlite Only) 5 Lime/Yellow Triple Trim (Scotchlite Only)



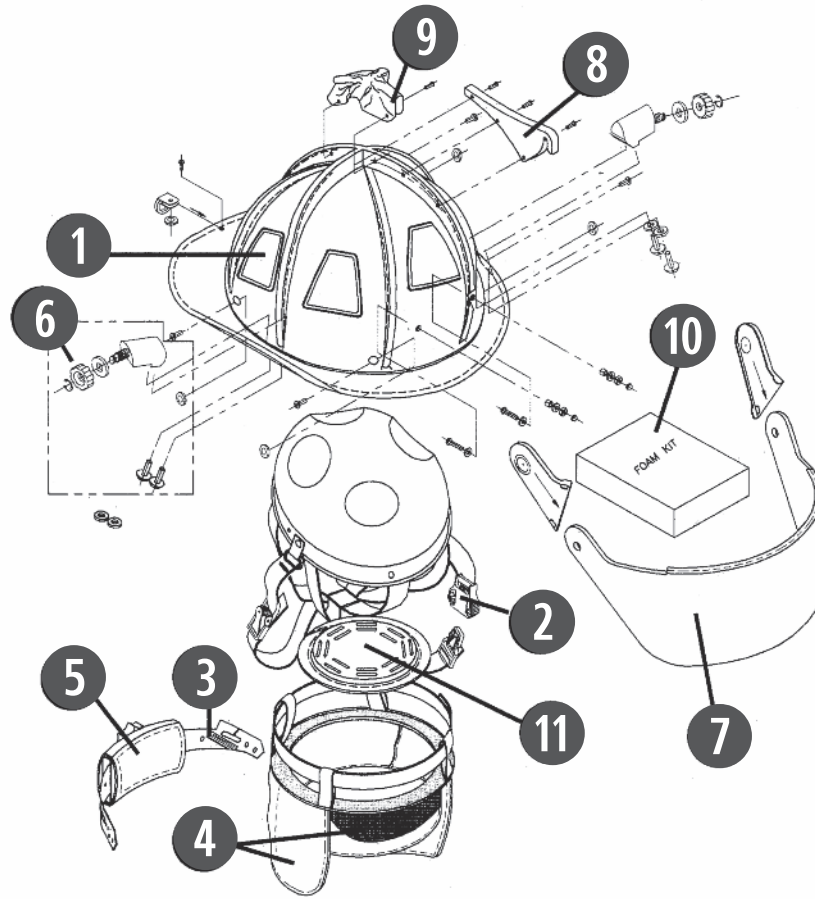
Column: A B C D E F G H I

B-LTH-

PART NUMBER

QUANTITY

MSA Cairns N5A New Yorker & N6A Houston Exploded View



	<i>Replacement P/N Page</i>		<i>Replacement P/N Page</i>
1 Reflective Trim	63	7 Face/Eye Protection	58
2 Chinstrap	60	8 Front Holder	61
3 Ratchet Headband System	60	9 Brass Crown Piece	63
4 Liner/Earlap	60	10 Foam Adjustment Kit	60
5 Leather Ratchet Pad	60	11 Foam Crown Pad	60
6 Faceshield Hardware	58		



MSA Cairns **Traditional Helmets**

Testimonials



Do I ever have a story for you. First a little about me: I am a firefighter on Tower 2 with the City of Erie Fire Department in Pennsylvania. In the early morning hours of December 11, 2013 we were dispatched for a residential structure fire. As we were pulling up, command told us to open the roof. This was a two-story home, so we grabbed a 28' ground ladder and a 20' roof ladder. It was a routine open-the-roof-and-get-down situation. However, when I went to climb down, I slipped and fell about 15' and hit the concrete driveway. Did I mention I landed square on the top of my head? Well, I did, and when I hit, I jumped back to my feet. I stumbled and a friend of mine caught me and sat me down. I was sent into the hospital as a trauma 1 alert, the highest level for a trauma. I am sending this story to you because I was wearing a **MSA Cairns 1010** with my chinstrap on. I believe your helmet saved my life! The only injury I suffered was a mild concussion. I am off work right now because of the concussion, but I am up walking and talking!

Wes R.
Erie, PA
Erie Fire Department



While operating on the second floor of a residential fire, I was assigned to search for an extension along with two other firefighters. We had just received our brand new **MSA Cairns 1044** helmets a few weeks prior. While I was pulling the ceilings, a 8x8 piece of sheetrock with two ceiling joists still attached came down on top of another firefighter and me. I ducked and felt myself get hit in the head with what had to have been the ceiling joist because of its solid, heavy feel. I stood back up and was unharmed due to the great stability of my **MSA Cairns 1044** helmet. Thank you for the protection you provided me that day and the protection you provide to the entire fire service every day.

Mike K.
Schenectady, NY
Stanford Heights Fire Department



My **MSA Cairns 1044** is awesome. I've only been a firefighter for three years now, but it has already helped me. We were going into a structure fire when all the ceiling tiles decided to fall and smack us upside the helmet. The helmet took the hits very well. Thank you for your amazing quality stuff!

Andrew S.
Hodgenville, KY
Larue County Fire and Rescue



I was on a 3,000-acre forest fire in Virginia, and my Chief was cutting stag on the fire break. We had several spotters around the tree that was being cut, but we never thought an accident could happen to one of our own. Once the stag was cut, the top portion broke at a fork in the tree and a large section came down, hitting the Chief across his helmet's top bridge and eagle front holder. The eagle was destroyed, but—thanks to the (undamaged) **MSA Cairns 1044** shell—the Chief was not hurt, although he was shaken up. The fire was named " Bull Mountain Fire".

Brian A.
Walnut Cove, NC
Walnut Cove Fire & Rescue



The photo of this **MSA Cairns 1010** with the defender and bourkes shows what happened to it in a flash-over. Thankfully, no one was seriously injured; the injuries were just minor burns. **MSA Cairns** makes an awesome product—definitely the best helmets on the market.

Jake E.
Lillington, NC
Summerville Fire Department



MSA Cairns 1010/1044 Fire Helmets

Offers the most comprehensive impact and thermal head protection system, from top to bottom.

1 **NEW Impact Cap!** (See page 57 for impact cap replacement part numbers.)

- Fewer components make the new impact cap easier to maintain and clean, as well as upgrade with the Defender Visor
- Defender® Visor automatically installed or enabled—no additional cap or hardware needed. Just order your Defender Visor kit
- Fits head sizes 6-3/8 to 8-3/4
- Designed to accommodate a 4-pt chinstrap to help improve helmet retention. Works with 2-point chinstrap as well
- With the nape arm/speedy button mechanism, the nape strap location is adjusted in seconds—without tools!
- Easy to retrofit into your current 1010/1044 MSA Cairns Helmet
- Washable impact cap helps enforce NFPA 1851 requirements

2 **Defender Visor**

- Retractable eyewear system that stows neatly, cleanly, and securely inside the helmet
- Deploys quickly, even with a gloved hand
- Features quick disconnect for fast, tool-free lens change
- Optically correct lens eliminates peripheral distortion
- Available new or as user-upgrade kit
- New impact cap comes with upgrade hardware built right in for significant time and money savings!
- Replacement lenses are on the **SOS** program

3 **Soft Goods**

- Simple to replace or take out to launder
- Replacement kits include mesh laundering bag and are available for various combinations of liners and ear laps
- All kits are on the **SOS** program
- Easy to order part numbers for extra soft goods and kits; can be added to ATO if needed
- PBI/Kevlar or Bloodborne Pathogen materials, as well as underchin extension, also available for earlaps

4 **Helmet Shell**

- Flexes with impact to absorb energy
- Lower profile than many competitors' helmets
- Fiberglass composite can be painted and is available as the 1010 (eight colors); unpainted shells are available as the 1044 (four colors)

5 **Suspension and Retention Systems**

- Unique Shell Release System (SRS) helps ensure impact cap stays on your head if helmet shell is dislodged
- Exclusive headband interface provides easy adjustment to fit a variety of SCBAs
- Provides a deep, stable fit while allowing enough crown clearance for maximum impact protection
- Standard 6-point configuration



With MSA Cairns, You Get More than You Pay For: 10-Year Warranty¹

We know, as do firefighters, that MSA Cairns Fire Helmets are the most durable products on the market. We back up that claim with a 10-year lifetime warranty that the products will be free from defects in materials and/or faulty workmanship. When you factor in the quality, ease of maintenance and unique safety features found **ONLY** in MSA Cairns Fire Helmets, it's easy to see why firefighters are fiercely loyal to the MSA Cairns brand.

¹10-year warranty applies only to MSA Cairns helmets manufactured on or after January 1, 2015. For details on MSA Cairns Fire Helmet 10-Year Warranty, please see www.MSAfire.com.

1010 & 1044

For Structural & Proximity Firefighting

- Most popular MSA Cairns fire helmet models
- Only difference:
 - 1010: painted high-luster finish
 - 1044: unpainted matte finish
- Certified to NFPA 1971
- Certified for proximity firefighting (with bonnet, shroud and gold-coated faceshield)
- Hat sizes: 6¾ to 8¾



MSA Cairns 1010



MSA Cairns 1044
(shown with Defender visor)

Features & Benefits

FEATURES	BENEFITS
New Impact/Thermal Cap	Provides superior thermal and impact protection through an impact-resistant polymer liner covered by a high-temperature, energy-absorbing urethane foam
Warranty	10 years ¹
Made in the U.S.A	Yes
Through-color Fiberglass Composite Shell² (1044–unpainted/1010–painted)	Maintains color even after taking a beating on the fireground
Available Colors	1044 – black, yellow, red, white 1010 – black, yellow, red, white, orange, blue, green, pink
Retractable Defender Visor (installed or enabled)	Deploys easily when you need it, stores securely inside your helmet shell when you don't. New impact cap comes with upgrade hardware built right in!
Shell Release System (SRS)	Retain your impact cap, suspension system and earlaps if your helmet shell is torn away during a fall or structural collapse
Crumple-Zone Front Holder³	Absorbs impact forces to help protect your head, neck and spine from injury
Adjustable NAPE Height	Three ratchet height positions easily adjusted with the nape arm/speedy button mechanism
Adjustable Headband Height	Ensures a perfect fit between your helmet and SCBA mask
Head Size Accommodated	6¾ to 8¾!
Embossed Helmet Brim	Oak vine pattern ties the helmet to 180 years of MSA Cairns helmet design tradition
D-Ring Helmet Hanger	Fits on large hooks and resists bending
Nomex Chinstrap Options	Enhances safety, performance and fit through hi-viz quick-release buckles, optional postman's slide, and hook and loop stowage system. Available in 2-point or 4-point configurations
ARFF Proximity System Available	Yes
Compliance	NFPA 1971-2013 (Structural) and NFPA 1971-2013 (Proximity) with accessories such as front-piece holders, front-pieces attached

Colors *Colors shown are approximate.*

	Black	Yellow	Red	White	Orange	Blue	Green	Pink
MSA Cairns 1010	■	■	■	■	■	■	■	■
MSA Cairns 1044	■	■	■	■				

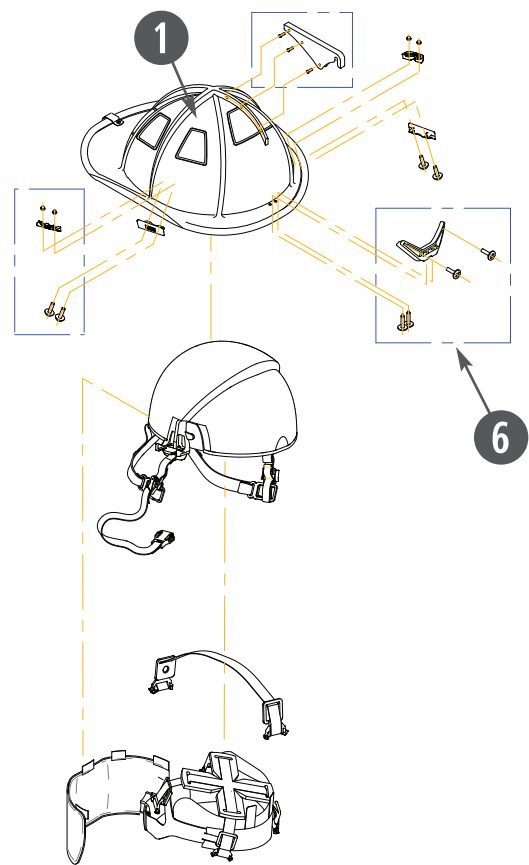
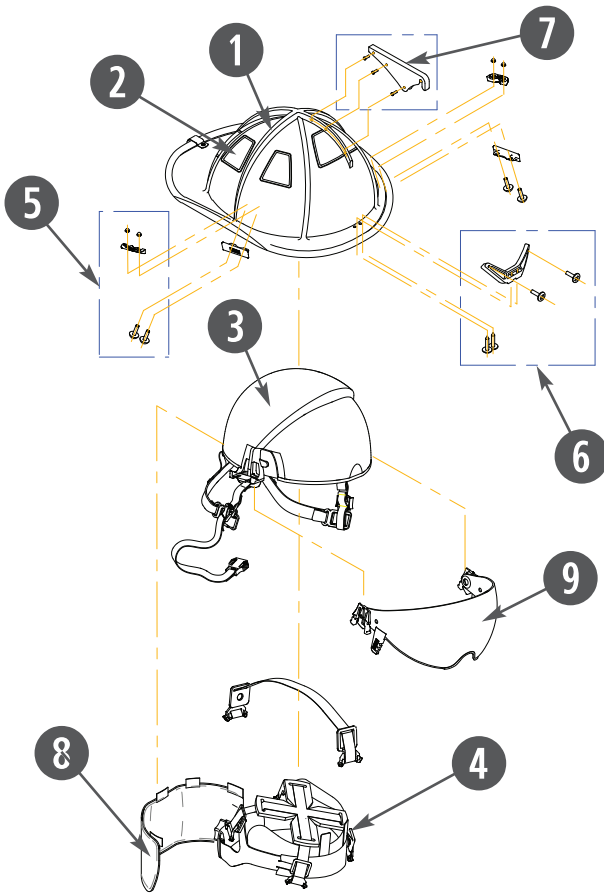
¹Helmets manufactured on or before January 1, 2015 have a limited five year warranty. For details on both warranty policies, please see www.MSAFire.com

²Through color is present on blue, red, white and yellow. All others are painted over a white shell.

³Crumple zone front holders are designed to absorb energy from an impact.

1010 Defender & 1044 Defender Exploded View

1010 & 1044 Exploded View



	Replacement P/N Page		Replacement P/N Page		Replacement P/N Page
1 Shell	—	4 Ratchet Headband System	60	7 Front Holder	61
2 Reflective Trim	63	5 Liner Mounting Hardware	60	8 Earlap	61
3 Impact Cap/Chinstrap	57/60	6 Front Mounting Bracket	61	9 Eye Protection	58

Select 1010 & 1044 Helmets available on the program

We offer our most popular MSA Cairns products in our Stock-Order-Ship (SOS) program. For the products listed below, if your order is entered by 2:30 PM, the product ships the same day from our warehouse in Pittsburgh, PA. Order customized MSA Cairns Traditional Fire Helmets through Assemble-to-Order (ATO) on pages 20–21.

P/N	Description
1010 HELMETS	
1010DSR	1010 Red Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
1010DSY	1010 Yellow Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
1010DSB	1010 Black Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
1044 HELMETS	
1044DSR	1044 Red Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
1044DSY	1044 Yellow Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
1044DSB	1044 Black Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim

880 Tradition™

For Structural Firefighting

- Lightest, lowest profile traditional helmet
- Fits smallest head sizes of any MSA Cairns helmet
- Certified to NFPA 1971
- Hat sizes: 5% to 7%



(shown with Bourkes and ESS Innerzone 1 Goggle)*

Features & Benefits

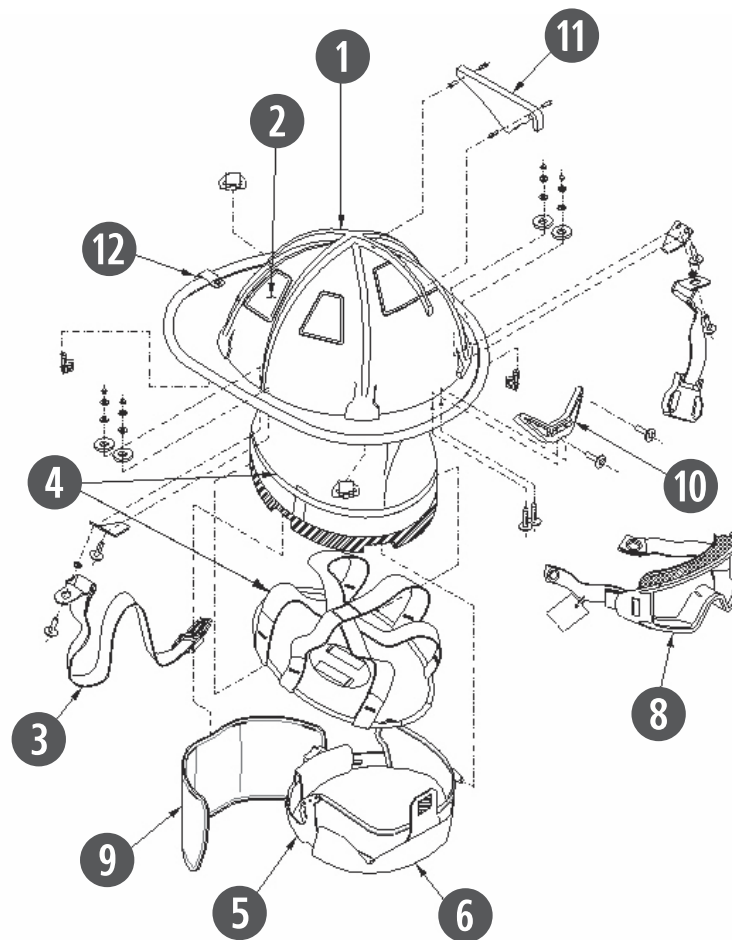
FEATURES	BENEFITS
Through-color Thermoplastic Shell	Maintains its color even after taking a beating on the fireground
Impact Cap	Provides superior thermal and impact protection when you need it most
Tube Lock System	Helps protect you from injury by transmitting energy from the suspension to its support and the surrounding foam
Crumple-zone Front Holder	Absorbs impact forces to help protect your head, neck and spine from injury
Adjustable NAPE Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Ensures a perfect fit between your helmet and SCBA mask
Embossed Helmet Brim	Oak vine pattern ties the helmet to over 180 years of MSA Cairns helmet design tradition
D-ring Helmet Hanger	Fits on large hooks and resists bending
Nomex Chinstrap	Enhances safety, performance and fit thanks to quick release buckles, postman's slide, and Velcro stowage system

Colors

	Black	Yellow	Red	White	Orange	Blue
880 Tradition	■	■	■	■	■	■

Colors shown are approximate.

880 Tradition Exploded View



	<i>Replacement P/N Page</i>		<i>Replacement P/N Page</i>
1 Helmet Shell	—	7 Faceshield Hardware	58
2 Reflective Trim	63	8 Face/Eye Protection	58
3 Chinstrap	60	9 Earlap	61
4 Impact Cap and Suspension	57	10 Front Mounting Bracket	61
5 Ratchet Headband System	60	11 Front Holder	61
6 Cushions	60	12 Edge Trim/Helmet Hanger	63

MSA Cairns Traditional Helmets

Assemble-to-Order (ATO) Selection Matrix

A	B	C	D	E
Model	Color	Eye/Face Protection	Headband Liners	Earlaps
1 1010	1 Black	0 None *	1 Economy Flannel †	1 Yellow Nomex
2 1010 w/Bourkes *	2 Red	1 4" Tuffshield	2 Standard Flannel	2 Yellow Nomex w/Underchin Extension
5 880 Tradition	3 Blue ◆	2 MSA Cairns ESS Goggles	3 Deluxe Leather w/Crown Pad	3 PBI/Kevlar
6 880 Tradition w/Bourkes	4 White	4 ESS Innerzone 3 Goggles		4 PBI/Kevlar w/Underchin Extension
7 1044	5 Yellow	5 ESS Innerzone 2 Goggles		5 Bloodborne Pathogen Resistant
8 1044 w/Bourkes	6 Orange ◆	6 ESS Innerzone 1 Goggles		9 CFR Aluminized Bonnet w/PBI/Kevlar Shroud & Nomex Earlap ‡§
9 1010 w/Defender Visor ■	7 Green ‡◆	8 6" Gold-Coated Faceshield *		A Black Nomex
A 1010 Defender w/Bourkes ■	8 Pink ‡◆	9 Faceshield for 880 w/5" front holder		B Black Nomex w/Underchin Extension ‡
B 1044 w/Defender Visor ■		B Defender Visor, Clear ■		
C 1044 Defender w/Bourkes ■		C Defender Visor, Amber Tuffshield ■		
D 1010 Defender w/Faceshield ■				
E 1044 Defender w/Faceshield ■				

■ Must specify Defender Visor in both "Model" and "Eye/Face Protection" selections

◆ Not available on 1044

‡ Not available on 880 Tradition

† Available on 880 Tradition only

* Not NFPA 1971 compliant

§ Not NFPA-1971 compliant when used with a Front Holder



F	G	H	I	K
Front Holder	Chinstrap	Trim Type	Trim Color	Accessory Type
0 None	1 Nomex w/Quick-Release	0 None *	1 Lime/Yellow (standard)	0 None
1 6" Carved Brass Eagle	2 Nomex w/Quick-Release & Postman's Slide	2 Reflexite (standard)	2 White * (Reflexite only)	A Low-Profile Goggle (10029699)
2 6" Silk Screened Eagle	3 4-pt Nomex w/Quick-Release ‡	3 Scotchlite	3 Red/Orange *	B Low-Profile Hardware Only
3 6" Silk Screened Maltese Cross	4 4-pt Nomex w/Quick-Release & Postman's Slide ‡		4 Blue * (Reflexite only)	4 Additional Soft Goods Kit
4 5" Silk Screened Eagle †			5 Red/Orange Triple Trim (Scotchlite only)	
5 5" Silk Screened Maltese Cross †			6 Lime/Yellow Triple Trim (Scotchlite only)	
6 6" Carved Brass Beaver ‡				
7 6" Carved Brass Dragon ‡				
8 6" Carved Brass Bulldog				

Column: A B C D E F G H J K K

C-TRD-

PART NUMBER QUANTITY



MSA Cairns **Modern** **Fire & Rescue Helmets**

Testimonials



In the five years I have worked in Fire/EMS, I have trusted only one helmet company and that would be MSA. In the fire department, I wear a MSA Cairns 1010 and when performing in EMS, I choose to wear **MSA Cairns Rescue 360R**. MSA has the best products on the market and I wouldn't want to wear anything else other than MSA.

Dan F.
Verona, PA
Penn Hills VFD Station 222



On the morning of October 27, 2007, while operating an exterior attack of a structure fire, I was manning a hoseline when fire broke through the roof of the structure. This caused the remains of the roof to flip to the outside... landing on me, knocking me towards the fire. I was wearing my airpack, but was not on air at the time, nor did I have my facepiece in place. However, I did have my helmet on, as required. Luckily, it was a **MSA Cairns 660C**, department issue. I was sent to Joseph M. Still Burn Center in Augusta, GA; and was treated for multiple second and third degree burns to my face and neck. I later learned that what fell on me was heavy timber structural material, and had it not been for my helmet, I wouldn't be here today. Although the injuries I suffered from this incident were serious; I still love my job to this day! Thanks MSA Cairns for saving my life!

Bryan H.
Cheraw, SC
Cheraw Fire Department



Kristy: Columbia Tower Climb—
69 floors with my
MSA Cairns helmet!

Scott: This was my 10th year wearing my **MSA Cairns** helmet to climb 69 floors in full gear to fight Leukemia.

Kristy and Scott T.
Lake Tapps, WA
North Highline Fire



During a training session, a master stream appliance failed. The failure of the deck gun caused large pieces of shrapnel to fly in many different directions. The person on the appliance was wearing a **MSA Cairns 660C**. Multiple pieces struck the firefighter in the head. His helmet protected him from serious facial and other head injuries. Without such a quality product, we may not have had the same result. Our Department has used MSA Cairns Helmets since the mid-70's and we continue to use them today. Thank you.

Richard B.
Saint Charles, MI
Tri Township Fire District



I got my **MSA Cairns 660C** brand new when I joined as an explorer in 2007. It has been with me throughout my career and has protected my head more times than I can count. ... It takes the abuse so I can keep doing my job.

John M.
Traverse City, MI
G.T. Rural Fire/Rescue

660C Metro & Invader 664

For Structural & Proximity Firefighting

- Most popular modern helmet models
- Sleek, low-profile design
- Only difference
 - 660C: painted high-luster finish
 - 664: unpainted matte finish
- Certified to NFPA 1971
- Certified for proximity firefighting (with bonnet, shroud, and gold-coated faceshield)
- Hat sizes: 6% to 8%



MSA Cairns 660C Metro
(shown with
Defender visor)



MSA Cairns Invader 664
(shown with
Defender visor)

24

Features & Benefits

FEATURES	BENEFITS
Through-color Fiberglass Composite Shell	Maintains its color even after taking a beating on the fireground
Impact Cap	Provides superior thermal and impact protection when you need it most
Shell Release System	Retain your impact cap and earlaps if your helmet shell is torn away during a fall or structural collapse
Defender Visor Retractable Eye Protection	Deploys easily when you need it, stores securely inside your helmet shell when you don't
Adjustable NAPE Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Ensures a perfect fit between your helmet and SCBA mask
D-ring Helmet Hanger	Fits on large hooks and resists bending
Nomex Chinstrap	Enhances safety, performance and fit thanks to quick-release buckles, postman's slide, and Velcro stowage system

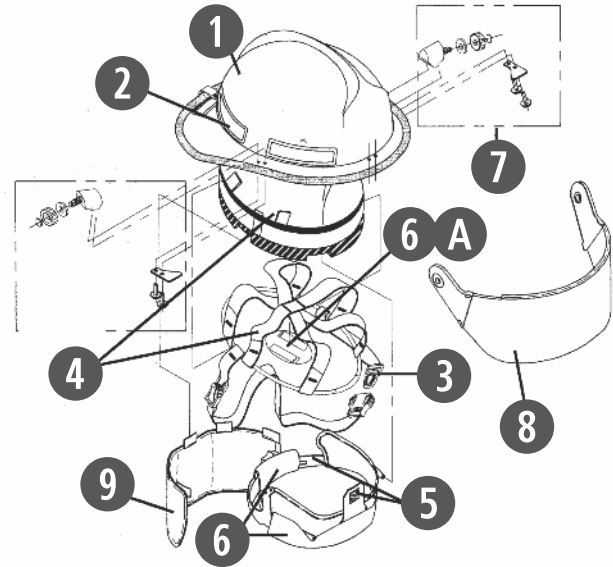
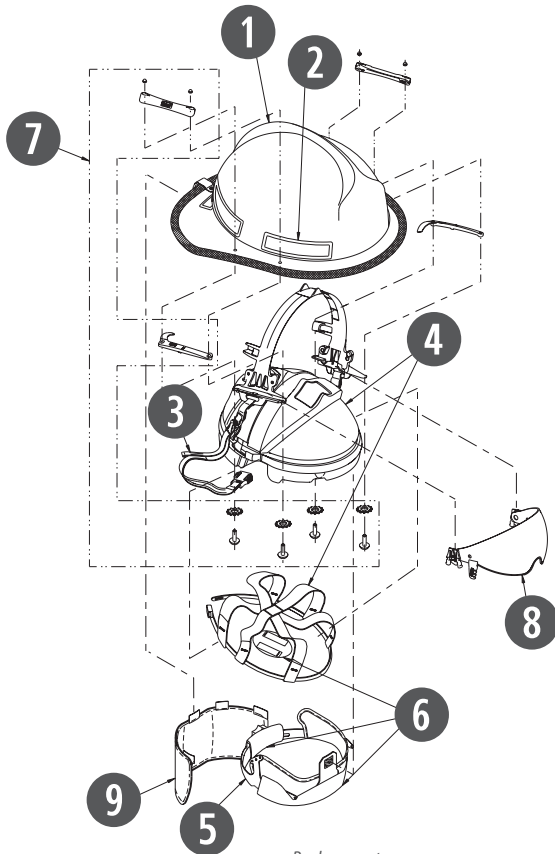
Colors

	Black	Yellow	Red	White	Orange	Blue	Green	Pink
660C Metro	■	■	■	■	■	■	■	■
Invader 664	■	■	■	■				

Colors shown are approximate.

660C Metro Defender & Invader 664 Defender Exploded View

660C Metro & Invader 664 Exploded View



	Replacement P/N Page		Replacement P/N Page		Replacement P/N Page
1 Helmet Shell	—	4 Impact Cap and Suspension	57	7 Faceshield Hardware	58
2 Reflective Trim	63	5 Ratchet Headband System	60	8 Face/Eye Protection	58
3 Chinstrap	60	6 Cushions	60	9 Earlap/Protective Hood	61
		6 A Crown Pad	60		

Select 660C & 664 Helmets available on the program

We offer our most popular MSA Cairns products in our Stock-Order-Ship (SOS) program. For the products listed below, if your order is entered by 2:30 PM, the product ships the same day from our warehouse in Pittsburgh, PA. Order customized MSA Cairns Modern Fire Helmets through Assemble-to-Order (ATO) on pages 34–35.

P/N	Description
660C HELMETS	
660DSR	660C Red Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
660DSY	660C Yellow Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
660DSB	660C Black Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
664 HELMETS	
664DSR	664 Red Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
664DSY	664 Yellow Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim
664DSB	664 Black Fire Helmet with Clear Defender Visor, Yellow Nomex Earlap, Chinstrap with Postman's Slide and Lime Yellow Reflexite Trim

Structural 360S

For Structural Firefighting

- Light-weight, low-profile design
- Certified to NFPA 1971
- Hat sizes: 6¾ to 7¾



(shown with ESS Innerzone 3 Goggles)

Features & Benefits

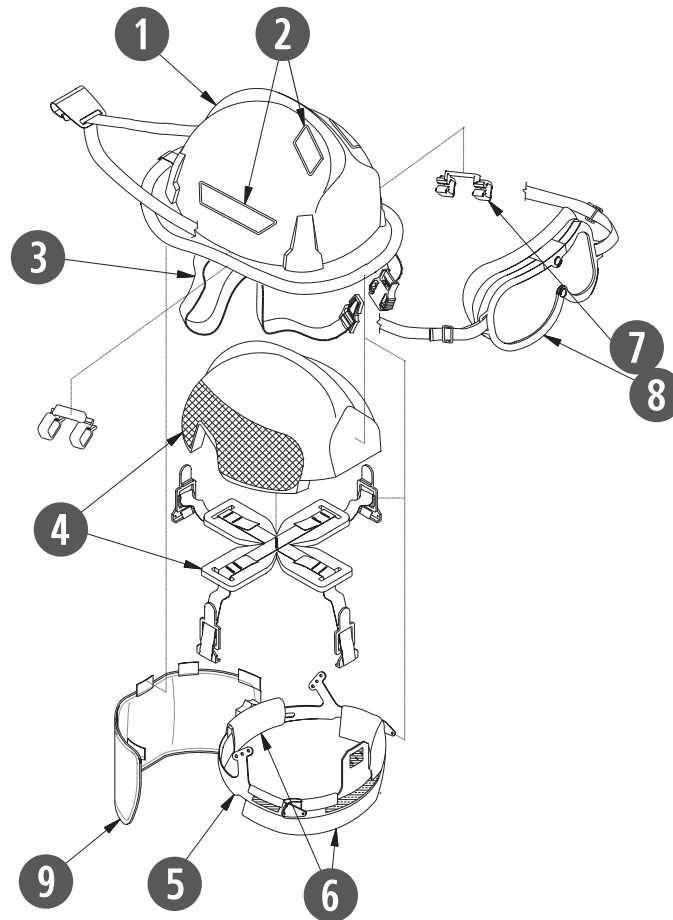
FEATURES	BENEFITS
Through-color Thermoplastic Shell	Maintains its color even after taking a beating on the fireground
Impact Cap	Provides superior thermal and impact protection when you need it most
Adjustable NAPE Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Ensures a perfect fit between your helmet and SCBA mask
D-ring Helmet Hanger	Fits on large hooks and resists bending
Nomex Chinstrap	Enhances safety, performance and fit thanks to quick-release buckles, postman's slide, and Velcro stowage system

Colors

	Black	Yellow	Red	White	Orange	Blue
Structural 360S	■	■	■	■	■	■

Colors shown are approximate.

Structural 360S Exploded View



	<i>Replacement P/N Page</i>		<i>Replacement P/N Page</i>
1 Helmet Shell	—	6 Cushions	60
2 Reflective Trim	63	7 Faceshield Hardware	58
3 Chinstrap	60	8 Face/Eye Protection	58
4 Impact Cap and Suspension	57	9 Earlap	61
5 Ratchet Headband System	60		

Commando HP3

For Structural Firefighting & USAR

- Sleek, low profile design
- Same shell as 660C with back watershed trimmed off
- Lightest fiberglass helmet
- Painted high-luster finish
- Certified to NFPA 1971 & 1951
- Hat sizes: 6 7/8 to 8 7/8



(shown with Defender visor)

28

Features & Benefits

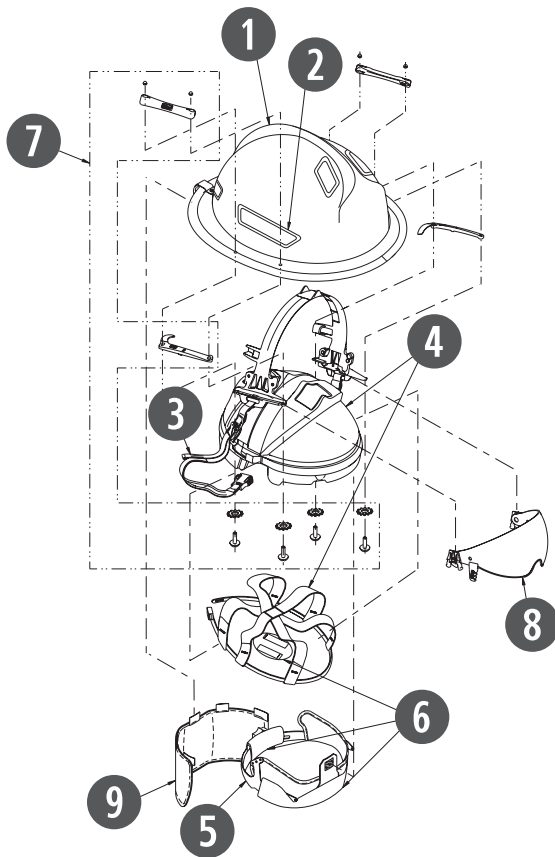
FEATURES	BENEFITS
Through-color Fiberglass Composite Shell	Maintains its color even after taking a beating on the fireground
Impact Cap	Provides superior thermal and impact protection when you need it most
Defender Visor Retractable Eye Protection	Deploys easily when you need it, stores securely inside your helmet shell when you don't
Adjustable NAPE Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Ensures a perfect fit between your helmet and SCBA mask
D-ring Helmet Hanger	Fits on large hooks and resists bending
Nomex Chinstrap	Enhances safety, performance and fit thanks to quick-release buckles, postman's slide, and Velcro stowage system

Colors

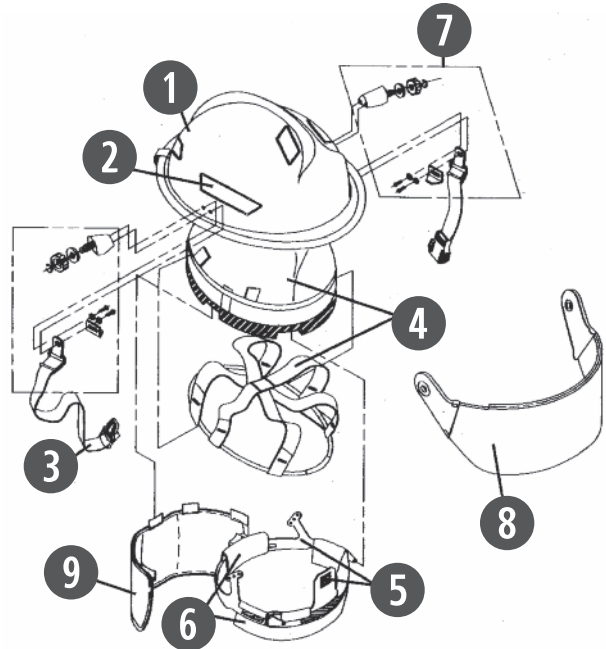
	Black	Yellow	Red	White	Orange	Blue	Green	Pink
Commando HP3	■	■	■	■	■	■	■	■

Colors shown are approximate.

Commando HP3 Defender Exploded View



Commando HP3 Exploded View



	<i>Replacement P/N Page</i>		<i>Replacement P/N Page</i>
1 Helmet Shell	—	6 Cushions	60
2 Reflective Trim	63	7 Faceshield Hardware	58
3 Chinstrap	60	8 Face/Eye Protection	58
4 Impact Cap and Suspension	57	9 Earlap	61
5 Ratchet Headband System	60		

Rescue 360R

For Structural Firefighting & USAR

- Lightest, lowest profile structural firefighting helmet
- Same shell as 360S with back watershed trimmed off
- Certified to NFPA 1971 & 1951
- Hat sizes: 6¾ to 7¾



(shown with ESS Innerzone 2 Goggle and ClearCommand® HCS)

Features & Benefits

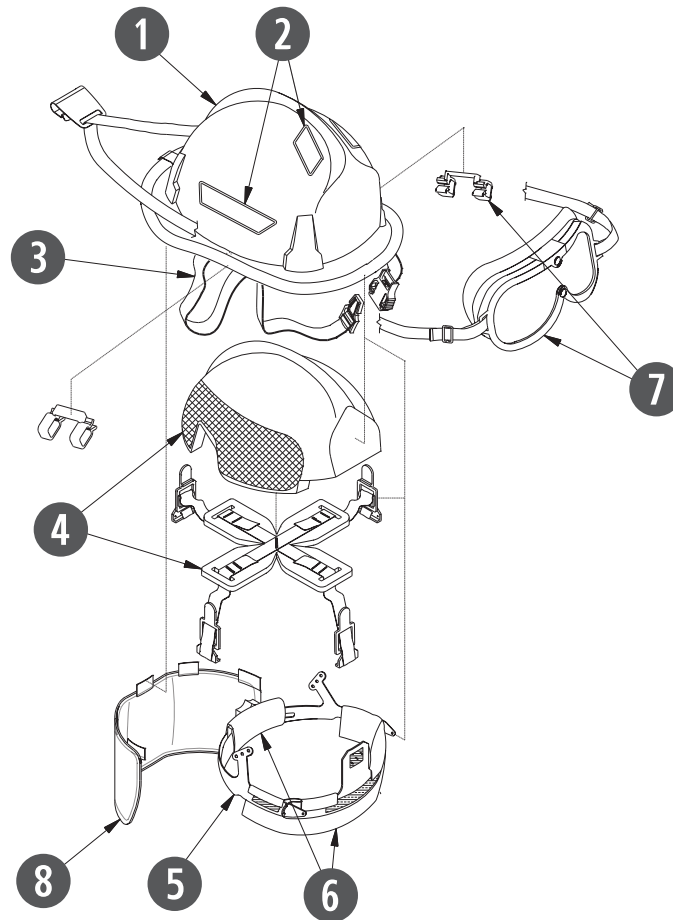
FEATURES	BENEFITS
Through-color Thermoplastic Shell	Maintains its color even after taking a beating on the fireground
Impact Cap	Provides superior thermal and impact protection when you need it most
Adjustable NAPE Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Ensures a perfect fit between your helmet and SCBA mask
D-ring Helmet Hanger	Fits on large hooks and resists bending
Nomex Chinstrap (2- or 3-point)	Enhances safety, performance and fit thanks to quick-release buckles, postman's slide, and Velcro stowage system

Colors

	Black	Yellow	Red	White	Orange	Blue
Rescue 360R	■	■	■	■	■	■

Colors shown are approximate.

Rescue 360R Exploded View



	<i>Replacement P/N Page</i>		<i>Replacement P/N Page</i>
1 Helmet Shell	—	5 Ratchet Headband System	60
2 Reflective Trim	63	6 Cushions	60
3 Chinstrap	60	7 Eye Protection	58
4 Impact Cap and Suspension	57	8 Earlap	61

Rescue 360R-13

For USAR

- Lightest, lowest profile MSA Cairns rescue helmet
- Same shell as 360R
- Certified to NFPA 1951 for USAR
- Hat sizes: 6¾ to 7¾



Features & Benefits

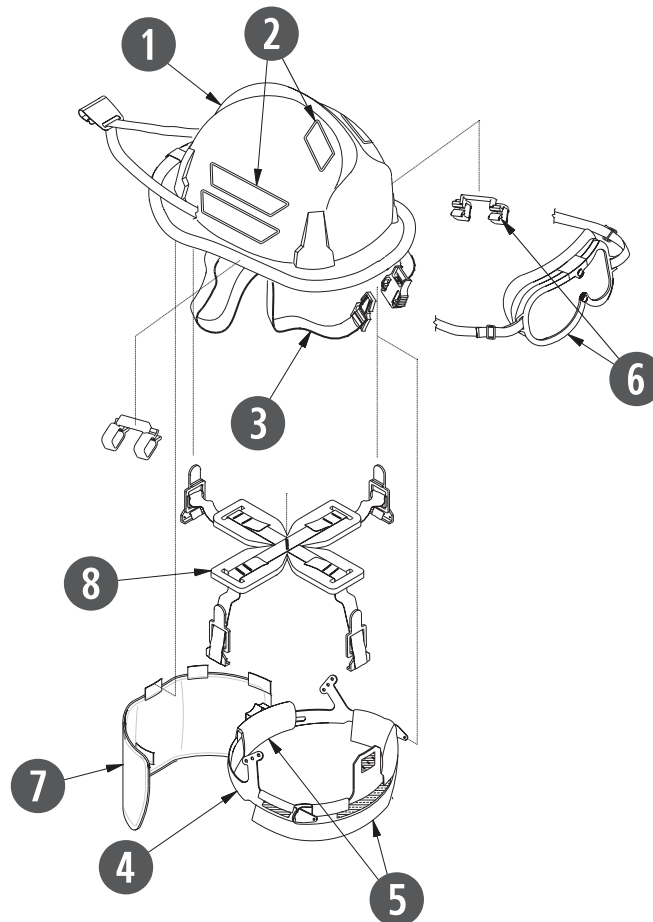
FEATURES	BENEFITS
Through-color Fiberglass Composite Shell	Maintains its color even after taking a beating on the fireground
Adjustable NAPE Height	Three ratchet height positions to maximize comfort
Adjustable Headband Height	Ensures a perfect fit between your helmet and SCBA mask
D-ring Helmet Hanger	Fits on large hooks and resists bending
Nomex Chinstrap (2- or 3-point)	Enhances safety, performance and fit thanks to quick-release buckles, postman's slide, and Velcro stowage system

Colors

	Black	Yellow	Red	White	Orange	Blue
Rescue 360R-13	■	■	■	■	■	■

Colors shown are approximate.

Rescue 360R-13 Exploded View



	<i>Replacement P/N Page</i>		<i>Replacement P/N Page</i>
1 Helmet Shell	—	5 Cushions	60
2 Reflective Trim	63	6 Eye Protection	58
3 Chinstrap	60	7 Earlap	61
4 Ratchet Headband System	60	8 Suspension	57

MSA Cairns Modern Fire & Rescue Helmets

Assemble-to-Order (ATO) Selection Matrix

A	B	C	D	E
Model	Color	Eye/Face Protection	Headband Liners	Earlap
2 660C Metro	1 Black	0 None *	1 Economy Flannel	0 None *
5 Commando HP3 ⚡	2 Red	1 4" Tuffshield ▲	2 Standard Flannel	1 Yellow Nomex
6 Structural 360S	3 Blue ‡	2 MSA Cairns ESS Goggles	3 Deluxe Leather w/Crown Pad	2 Yellow Nomex w/Underchin Extension
A Invader 664	4 White	4 ESS Innerzone 3 Goggles		3 PBI/Kevlar
B Rescue 360R ⚡	5 Yellow	5 ESS Innerzone 2 Goggles		4 PBI/Kevlar w/Underchin Extension
C Rescue 360R-13 ★	6 Orange ‡	6 ESS Innerzone 1 Goggles		5 Bloodborne Pathogen Resistant
D 660C Metro Defender ■	7 Green † ‡	7 4" Standard Faceshield ▲		8 Black Nomex w/Underchin Extension **
E Invader 664 Defender ■	8 Pink † ‡	A 6" Gold-Coated Faceshield ●		9 CFR Aluminized Bonnet/PBI/Kevlar Shroud & Nomex Earlap ●
G Commando HP3 Defender ■ ⚡		B ESS Striketeam XTO Goggle ★ ◆		A Black Nomex
		C Defender Visor, Clear ■		
		D Defender Visor, Amber Tuffshield ■		

⚡ Also compliant to NFPA 1951
 ★ NFPA 1951 compliant only
 ■ Must specify Defender Visor in both "Model" & "Eye/Face Protection" selections
 ‡ Not available on Invader 664
 † Not available on 360S/R/R-13
 * Not NFPA 1971 compliant
 ▲ Not available on 360R/R-13
 ● Non-Defender 660C/664 only
 ◆ 360R/R-13 and HP3 only
 ** Not available for helmets with Defender Visor
 ▼ Not all trim colors are available in all trim types and shapes



F	G	H	I	J
Chinstrap	Trim Type	Trim Color ▼	Trim Shape	Accessory Bracket
<ul style="list-style-type: none"> 1 Nomex w/Quick-Release 2 Nomex w/Quick-Release & Postman's Slide 3 3" longer Nomex w/Quick-Release & Postman's Slide (360S only) 4 Nomex w/Postman's Slide (360S only) 6 6" longer Nomex w/Postman's Slide (360S/R/R-13 and non-Defender 660C/664 only) 7 3-point w/Quick-Release ◆ 	<ul style="list-style-type: none"> 0 None * 2 Reflexite (Standard) 3 Scotchlite 	<ul style="list-style-type: none"> 1 Lime/Yellow (standard) 2 Red/Orange * 3 Blue * (Reflexite only) 4 White * 	<ul style="list-style-type: none"> 1 Tetrabar 2 Bar 3 Diamond 4 Triple Trim (Scotchlite only) 	<ul style="list-style-type: none"> 0 None 9 Frontpiece Bracket C Frontpiece Bracket and Frontpiece Installed D Additional Soft Goods Kit

Column: A B C D E F G H I J

C-MOD-

PART NUMBER

QUANTITY






MSA Cairns Presentation Helmets



MSA Cairns Presentation Helmets

- Great for any firefighter
- For display purposes only

	Front Holder		Color	
 G64 Leather Presentation Helmet	6" Carved Brass Eagle		Natural	
			White	
			Yellow	
			Black	
			Red	
		8" Carved Brass Parade Eagle	White	
			Natural	
	Front Holder	Size	Color	
 G5A Leather Presentation Helmet	6" Carved Brass Eagle	Large	Black	
		Large	White	
		Large	Red	
		Large	Yellow	
		Medium	Red	
		Medium	Natural	
		Large	Natural	
		Medium	Black	
		Medium	White	
		8" Carved Brass Parade Eagle	Large	Black
			Large	White
Large	Red			
Large	Natural			
Large	Blue			
Medium	White			
	Front Holder		Color	
 880 Tradition Presentation Helmet	6" Silk-screened Eagle		Black	
			Blue	
			Orange	
			Red	
			White	
			Yellow	
	6" Silk-screened Maltese Cross		Black	
			Blue	
			Orange	
			Red	
		White		
		Yellow		



Mini Leather Helmets

Color
Natural
Black
White
Yellow
Red



1010 Pink Presentation Helmet

Color	P/N
Pink	10148817

For ordering information (except for Pink Presentation Helmet), see the **Leather Helmet Assemble-to-Order (ATO) Matrix** on pages 10–11.



MSA Cairns **Components & Options**



Earlaps

Replacement P/Ns: p. 61

DESCRIPTION	Yellow Nomex	Black Nomex	PBI/Kevlar	Underchin Extension

Chinstraps

Replacement P/Ns: p. 60

DESCRIPTION	2-point Black Nomex w/QRB	2-point Black Nomex w/QRB & Postman's Slide
DESCRIPTION	3-point Black Nomex w/QRB*	4-point Black Nomex**

*For HP3 and 360R/R-13 only
** For 1010 and 1044 only

Reflective Trim

Replacement P/Ns: p. 63

TRIM SHAPE						
	Tetrahedrons	Tetrahedrons w/Silver Bar	Stripes	Diamond	Tetrabars & stripes	Accountability Numbers
TRIM COLORS	Lime/Yellow	Lime/Yellow	Lime/Yellow	Lime/Yellow	Lime/Yellow	White
	Red/Orange*		Red/Orange*	Red/Orange*		
	Blue*	Red/Orange	Blue*	Blue*	Blue*	
	White*		White*	White*		

* Not NFPA 1971 compliant

Eye & Face Protection

NFPA Eye Protection is certified as a component on all NFPA-compliant MSA Cairns Helmets. MSA Cairns NFPA Defender Visor, Goggles and Faceshields offer the following features and benefits:

- High-temperature material options
- Flame-retardant
- Easy donning and doffing while wearing gloves
- Ballistic-grade lens protects against impacts
- Anti-fog coating on both sides of the lens to ensure visibility
- Superior anti-scratch coating on both sides of the lens for a longer life
- Easy lens replacement

Defender Visors

Defender Visors offer eye protection from dust, dirt, and grit; their exclusive integral design is retractable for the ultimate in compact convenience. Sleek construction allows fast, easy raising and lowering of the visor even with gloved hands. Standard clear and amber Tuffshield visor options are NFPA-compliant. Defender Visors come standard with black nose-bridge pad.



Clear



Amber Tuffshield



Defender Visor in deployed position



Defender Visor in stowed position

Faceshields

The MSA Cairns 4" Tuffshield offers superior thermal and scratch resistance. Available on both Traditional and Modern-style Fire Helmets.

The MSA Cairns 4" Standard Faceshield is a lower-cost alternative for external visors. Available on Modern-style Fire Helmets.

All MSA Cairns faceshields come supplied with wing protectors for extra face protection. Wing protectors are made of the same fire-proven material found in MSA Cairns faceshield hardware to provide additional strength at high temperatures.



MSA Cairns 4" Tuffshield



MSA Cairns 4" Standard Faceshield

* Not NFPA 1971 compliant

Goggles

MSA Cairns ESS Firefighter Goggles

Our ESS Innerzone series of NFPA-compliant firefighters' goggles are certified by an independent test lab to meet the performance requirements of the NFPA 1971, including the test for exposure to 500° F for 5 minutes. We offer four styles of ESS goggles (differentiated by attachment system):



The **MSA Cairns ESS Goggle System** has a wrap-around strap that attaches to the back of the helmet with a D-Ring fastener.



The **Innerzone 1** model attaches to structural helmets. A unique two-piece strap and mounting bracket system interfaces with all structural helmets.



The **Innerzone 2** model has a snap-on/snap-off attachment to structural helmets. The low-profile post design works with all structural firefighting helmets.



The **Innerzone 3** model has a wrap-around strap that attaches to the back of the helmet with two adhesive-backed hook & loop tabs.



ARFF Proximity System

Replacement P/Ns: p. 61

- Easy to don and doff, this ARFF System is compliant with NFPA 1971
- Will not interfere with the SCBA while in use
- Components consist of an aluminized PBI/Kevlar layer, vapor barrier and inner layer



Bourkes



**For cosmetic purposes only.
Provides no eye or face protection.
Not NFPA 1971 or ANSI/ISEA Z87.1
compliant.**

Front Holders

Replacement P/Ns: p. 61

Our crumple-zone front holders are designed with your safety in mind, helping to protect your head and neck from injury.

				
DESCRIPTION	Carved Brass Eagle	Carved Brass Beaver	Carved Brass Dragon	Carved Brass Bulldog
				
DESCRIPTION	Silk-Screened Eagle	Silk-Screened Maltese Cross	Carved Brass Parade Eagle*	

*For leather presentation helmets only

Standard Fronts

Replacement P/Ns: p. 62

Design your own at www.msanet.com/fronts, and call 1-877-MSA-FIRE to order!

- Over 27 million possible configurations
- Reinforced with high-temperature, shrink-resistant backing
- Sewn with high-temperature, fire-retardant Nomex thread

A Top Layer

- Available in...
- High-gloss patent leather
 - Low-gloss natural leather

Black	White	Red
Yellow	Blue	Green
Orange	Brown	Gold*

B Print Layer

- Available in...
- Luminous (glow-in-the-dark)
 - High-temp nylon
 - Scotchlite (white only)

Black	White	Red
Yellow	Blue	Green
Orange	Brown	Gold*

C Lettering

- Up to 4 lines
- ½" tall**
- 14 characters per line for optimal clarity

Black	White	Red
Yellow	Blue	Green
Orange	Brown	Gold*

D Graphics

- **Attached**
 - Raised or sunken numbers
 - Sunken fleur-de-lis
 - Badges (p. 49)
 - Decals (p. 50–51)
- **Printed**
 - Custom graphics available
 - Printed graphics (p. 49)
 - Printed numbers
- **None**



high-gloss patent leather








low-gloss natural leather

* Gold patent. For handpainted gold leaf on printed gold, see p. 60

** Except on 3" mini fronts

Standard Fronts









Text & Graphic Options		Front Style #				
Text & Graphic Position	Graphic Type	 3" for Gifts	 4" for Modern Helmets	 5" for 880 Tradition	 6" for Traditional Helmets	 8" for G5A & G64
[GRAPHIC] TEXT	Attached	—	31	150	19	10
	Printed	—	32	151	20	11
TEXT [GRAPHIC]	Attached	38	33	152	21	12
	Printed	39	34	153	22	13
TEXT [GRAPHIC] TEXT	Attached	40	35	154	23	14
	Printed	—	36	155	24	15
TEXT TEXT TEXT	None	41	37	160	29	—
TEXT [GRAPHIC] TEXT TEXT	Attached	—	—	156	25	—
	Printed	—	—	157	26	—
TEXT TEXT [GRAPHIC] TEXT	Attached	—	—	158	27	16
	Printed	—	—	159	28	17
TEXT TEXT TEXT TEXT	None	—	—	161	30	18

Passport Fronts for Firefighter Accountability

Improve department accountability with helmet front identification inserts.

Replacement P/Ns: p. 62

- Two (2) front sizes
 - 6" for traditional helmets
 - 4" for modern helmets
- Easy to use
 - NFPA 1971 compliant accessory
 - Available in same colors as Standard Fronts (p. 42)

	Passport Front Type	Passport Style # for Ordering		
		Frames & Inserts	Frame Only	Insert Only
6" PASSPORT FRONTS	 2 Text Blocks	49	50	51
	 2 Text Blocks	55	56	57
6" FDNY FRONTS <i>Note: For Velcro-backed passports, add "V" to style # (ex: 44V)</i>	 No Text Blocks	42	43	48
	 1 Text Block	44	45	48
	 2 Text Blocks	46	47	48
	 2 Text Blocks	62*	60	61
4" PASSPORT FRONTS	 1 Text Block	58	59	57
	 2 Text Blocks	52	53	54

*Comes with 3 inserts instead of 1

		6" Passport Fronts	6" FDNY Fronts	6" Passport System	4" Passport Fronts
FRAME					
# OF TEXT BLOCKS	No text blocks**		■		
	1 text block		■		■
	2 text blocks	■	■	■	■
INSERT					
ATTACHMENT SYSTEM	Hook & Loop	■	■	■	■
	Removable Pins		■		
NUMBER & LETTER STYLE	Sunken	■	■		■
	Raised	■	■		■
	Printed	■	■	■	■
MAX. # OF CHARACTERS	5 numbers	■	■		■
	5 letters		■		
	5 mixed		■		
	4 numbers			■	
	4 letters	■		■	■
4 mixed	■		■	■	

** Can be ordered with Hot Stamp white numbers on the bottom of the front

Standard Printed Gold Leaf Fronts

Replacement P/Ns: p. 62

- High-temperature construction is stable up to 500°F
- Standard designs available in 2-3 weeks



Standard 6" Printed Gold Leaf Fronts

STYLE	F74B	F74S	F74F	F75B	F75S	F75F	F76B	F76S
STYLE	F76F	F77B	F77S	F77F	F78	F79	F80	F81

Standard 4" Printed Gold Leaf Fronts

STYLE	F82B	F82S	F83A	F83B

Printed Gold Fronts

Replacement P/Ns: p. 62

Choose from 3 backgrounds, 4 scrollwork designs, 9 graphics and 9 text/graphic arrangements. Or create a custom design!

- High-temperature construction is stable up to 500°F
- Standard designs available in 2-3 weeks
- Custom designs available for an additional charge. Call 1-877-MSA-FIRE.

1. Choose Background

Satin Gold	Turned Gold	White w/ Gold Accents	
BACKGROUND ID	GSS	GET	WHT



2. Choose Artwork

Classic Banners	Classic Scrolls	Flaming Scrolls	Upward Arch	No Banner or Scroll
ID	B	S	A*	T**

*Use w/ Style 83 only; **Use w/ Styles 79-81 only

3. Choose Graphic

1 Trumpet	1 Axe	2 Trumpets	2 Axes	2-Trumpet Burst	3-Trumpet Burst	4-Trumpet Burst	5-Trumpet Burst	Fireman's Scramble	
GRAPHIC ID	GA	GB	GC	GD	GE	GF	GG	GH	GI

4. Choose Text & Graphic Position

	TEXT [GRAPHIC]	[GRAPHIC] TEXT	[GRAPHIC] TEXT TEXT	TEXT [GRAPHIC] TEXT	[GRAPHIC] TEXT TEXT TEXT	TEXT [GRAPHIC] TEXT TEXT	TEXT TEXT [GRAPHIC] TEXT	[GRAPHIC] TEXT TEXT TEXT TEXT	TEXT TEXT [GRAPHIC] TEXT TEXT
4" FRONT STYLE #	82*	83	—	—	—	—	—	—	—
6" FRONT STYLE #	—	78	79**	74	80**	75	76	81**	77
8" FRONT STYLE #	—	—	—	70	—	71	72	—	73

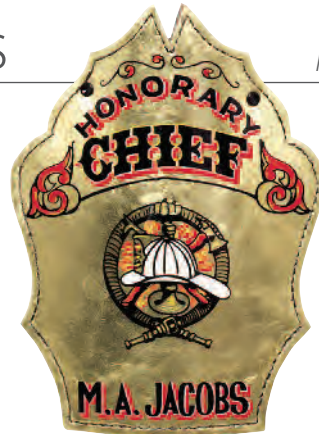
*Use w/ Artwork ID "A" only; **Use w/ Artwork ID "T" only

Hand-painted Gold Leaf Fronts

Replacement P/Ns: p. 62

Quality hand-painting takes time. Please allow 2-3 months for each front.

- Elegant, traditional look
- Hand-applied 24K gold leaf on a leather front
- Hand-painted lettering and graphics
- Protective clear coat for durability
- Want a custom graphic? Call 1-877-MSA-FIRE.
- Visit MSAfire.com for Hand-painted Gold Leaf Fronts Order Form



Graphics

	2 Trumpets	2-Trumpet Burst	3-Trumpet Burst	4-Trumpet Burst	5-Trumpet Burst	Fireman's Scramble	Chaplain's Cross
GRAPHIC ID	A	B	C	D	E	F	G

6" Gold Leaf Front

TEXT & GRAPHIC POSITION	TEXT [GRAPHIC] TEXT	TEXT [GRAPHIC] TEXT	TEXT TEXT [GRAPHIC] TEXT	TEXT TEXT [GRAPHIC] 1 OR 2 LINES OF TEXT	TEXT TEXT [GRAPHIC] TEXT	TEXT [GRAPHIC] TEXT	TEXT [GRAPHIC] 1 OR 2 LINES OF TEXT	TEXT [GRAPHIC] 1 OR 2 LINES OF TEXT
STYLE	128	128	131	132	133	135	136	137

8" Gold Leaf Front

TEXT & GRAPHIC POSITION	TEXT [GRAPHIC] TEXT	TEXT [GRAPHIC] TEXT	TEXT TEXT [GRAPHIC] TEXT
STYLE	125*	126*	127**

4" Gold Leaf Front

TEXT & GRAPHIC POSITION	[GRAPHIC] TEXT	[GRAPHIC] TEXT TEXT
STYLE	F138	F139

* Optional text: Chief, Commissioner, Chaplain or Captain
 ** Optional text: Honorary Chief or Chief "Name"

Standard & Passport Fronts Order Form

Build your own front at MSAnet.com/fronts



Ordering Instructions

Please copy and complete a separate form for each type of front ordered. Give the completed form(s) to your sales representative or fax them to 800-967-0398.

Fronts other than those that can be ordered given the choices below are considered custom fronts. To discuss your custom artwork or logo application needs, please call 1-877-MSA-FIRE or speak with your sales representative.

Company:	_____
Contact:	_____
Phone:	_____
PO #:	_____
<i>For office use only below this line</i>	
SO#:	_____
Shop #:	_____

Standard Fronts

Enter your choices in the boxes to the right of each section.

Total Quantity:

- Style Option**
Enter style number from **10 to 59**, or from **150 to 161**
- Shipping Option**
L – Loose or **A** – Attached
- Attachment Option**
Punch front(-s) or attach to: **L** – Leather Helmet
P – Plastic Helmet or **K** – Mini Front Key Chain
V – Hook and Loop Attachment (*for 4" fronts only*)
N – No holes needed
- Front Material**
L – Genuine Leather, **P** – High-Gloss Patent Leather
- Front Color Option**
Choose one color: **B** – Black, **W** – White, **R** – Red, **Y** – Yellow, **O** – Orange, **C** – Blue, **G** – Green, **N** – Natural/Brown or **K** – Gold (*patent only*)
- Insert Color Option**
Choose one color: **B** – Black, **W** – White, **R** – Red, **Y** – Yellow, **O** – Orange, **C** – Blue, **G** – Green, **N** – Natural/Brown or **K** – Gold (*patent only*)
- Panel Color Option**
Choose one color: **B** – Black, **W** – White, **R** – Red, **Y** – Yellow, **O** – Orange, **C** – Blue, **G** – Green, **K** – Gold or **S** – Reflective White Scotchlite™
- Panel Text Color Option**
Choose one color: **B** – Black, **W** – White, **R** – Red, **Y** – Yellow, **O** – Orange, **C** – Blue, **G** – Green, **K** – Gold, **S** – Reflective White Scotchlite, **V** – Vinyl, **L** – Luminous or **N** – No printed text

- Graphic Option**
For attached graphics (AG):
S – Sunken Numbers (*not available on 4" or Passport fronts*)
R – Raised Sewn Numbers (*not available on Passport inserts*)
K – 14K Gold Badge, **C** – Chrome Badge or **T** – Tin Emblem
F – Fleur-de-lis (*same as panel color*) or **D** – Graphic Decal
For printed graphics (PG):
P – Printed Numbers, **G** – Printed Graphics, or **N** – No Graphics
- Color of Large Centered Numbers**
Size determined by style chosen (*not available on gold leaf*)
Choose one color: **B** – Black, **W** – White, **R** – Red, **Y** – Yellow, **O** – Orange, **C** – Blue, **G** – Green, **K** – Gold, **S** – Reflective White Scotchlite or **N** – No numbers
- Graphic Ornament Option**
Enter choice from **A** to **R**
- Text Font**
Choose one text style:

A FULL BLOCK ACCT.	F CASLON ADBOLD
B RAPHAEL ACCT.	G DEMIAN BOLD ACCT.
C ALPHA MEDIUM	H ACADEMY ENGRAVED
D COPPER GOTHIC	I BREEZE SCRIPT
E GOUDY BOLD ACCT.	J CLARENDON MEDIUM

- Text**
Fill in the appropriate lines of text for your front style up to 14 characters per line. Spaces and punctuation marks each count as one character. Include centered numbers as one line (4 for 6" and 8" fronts; 3 for 4"). Fill in top to bottom.

Fronts Ordering Form

Standard Fronts													
LINE 1													
LINE 2													
LINE 3													
LINE 4													



Printed Gold Fronts **Order Form**

Build your own front at MSAnet.com/fronts



Ordering Instructions

Please copy and complete a separate form for each type of front ordered. Give the completed form(s) to your sales representative or fax them to 800-967-0398.

Fronts other than those that can be ordered given the choices below are considered custom fronts. To discuss your custom artwork or logo application needs, please call 1-877-MSA-FIRE or speak with your sales representative.

Company:	_____
Contact:	_____
Phone:	_____
PO #:	_____
<i>For office use only below this line</i>	
SO#:	_____
Shop #:	_____

Printed Gold Fronts

Enter your choices in the boxes to the right of each section.

Total Quantity:

1. Style Option Enter style number from 70 to 83	<input type="text"/>	<input type="text"/>
2. Shipping Option L – Loose or A – Attached		<input type="text"/>
3. Attachment Option Punch front(-s) or attach to: L – Leather Helmet P – Plastic Helmet K – Mini Front Key Chain V – Hook and Loop Attachment <i>(for 4" fronts only)</i> N – No holes needed G – Giant Size <i>(for decoration only)</i>		<input type="text"/>
4. Artwork Option Choose from: B – Banners, F – Flaming Scrolls, S – Regular Scrolls, A – Upward Arch <i>(for 4" fronts only)</i> , T – No text art <i>(for 6" fronts only)</i>		<input type="text"/>
5. Graphic Option Enter style letters from GA to GI	<input type="text"/>	<input type="text"/>
6. Front Material Choose from: GSS – Gold Satin, GET – Gold Engine Turned or WHT – White	<input type="text"/>	<input type="text"/>

7. Text
Fill in the appropriate lines of text for your front style up to 14 characters per line. Spaces and punctuation marks each count as one character. Fill in top to bottom.





















Printed Gold Fronts													
LINE 1													
LINE 2													
LINE 3													
LINE 4													

Fronts Ordering Form

Printed Graphics for Fronts

- Three sizes: 1", 1 3/4" and 2 1/2"
- Custom printed graphics available upon request

									
1 Horizontal Trumpet	1 Vertical Trumpet	1 Horizontal Axe	1 Vertical Axe	2-Trumpet Burst	3-Trumpet Burst	4-Trumpet Burst	5-Trumpet Burst	Fireman's Scramble	
ID	A	B	C	D	E	F	G	H	I
									
2 Vertical Trumpets	2 Vertical Axes	Fleur de Lis	EMS Star of Life	Fire Marshall	Fire Truck	Chaplain's Cross	Shamrock	American Flag	
ID	J	K	L*	M	N**	O	P	Q	R

*Available only as a sunken cutout **Available in 1.9" tin. Not for Front Style #35.

Badges for Fronts

- Available in Chrome- and 24K Gold-Plate
- Available in 1" and 1 1/2"

						
1 Axe	2 Axes	1 Trumpet	2 Trumpets	2 Crossed Trumpets		
CHROME-PLATE	1 1/2"	FB21A	FB22A	FB21T	FB22T	FB22TX
	1"	FB2S1A	FB2S2A	FB2S1T	FB2S2T	FB2S2TX
24K GOLD-PLATE	1 1/2"	FB11A	FB12A	FB11T	FB12T	FB12TX
	1"	FB1S1A	FB1S2A	FB1S1T	FB1S2T	FB1S2TX
						
3 Crossed Trumpets	4 Crossed Trumpets	5 Crossed Trumpets	Fireman's Scramble			
CHROME-PLATE	1 1/2"	FB23TX	FB24TX	FB25TX	FB2S	
	1"	FB2S3TX	FB2S4TX	FB2S5TX	FB2SS	
24K GOLD-PLATE	1 1/2"	FB13TX	FB14TX	FB15TX	FB1S	
	1"	FB1S3TX	FB1S4TX	FB1S5TX	FB1SS	

* For Front Style #35 only







Decals

Replacement P/Ns: p. 64

- Available in vinyl or reflective Scotchlite
- Sizes: 1", 1¼" and 2½"
- Custom decals also available

		Fire Department	Chief	Deputy Chief	Ass't Chief	1st Ass't Chief	2nd Ass't Chief
VINYL	1"	10123025	10123029	10123033	10123037	10123018	10123042
	1¼"	10123023	10123027	10123031	10123035	10123016	10123020
	2½"	D101P	D102P	D103P	D104P	D105P	D106P
SCOTCHLITE	1"	10123026	10123030	10123034	10123038	10123019	10123043
	1¼"	10123024	10132028	10123032	10123036	10123017	10123041
	2½"	DS101P	DS102P	DS103P	DS104P	DS105P	DS106P
		Batt'n Chief	Chief Engineer	Fire Marshall	Platoon Chief	Engineer	Captain w/2 Trumpets
VINYL	1"	10123046	10123050	10123190	10123214	10123218	10123222
	1¼"	10123044	10123048	10123188	10123212	10123216	10123220
	2½"	D107P	D108P	D114P	D130P	D109P	D110P
SCOTCHLITE	1"	10123047	10123051	10123211	10123215	10123219	10123223
	1¼"	10123045	10123049	10123189	10123213	10123217	10123221
	2½"	DS107P	DS108P	DS114P	DS130P	DS109P	DS110P
		Lieut. w/1 Trumpet	Captain w/2 Axes	Lieut. w/1 Axe	Sergeant	Paramedic	2 Trumpets
VINYL	1"	10123226	10123230	10123234	10123238	10123242	10123246
	1¼"	10123224	10123228	10123232	10123236	10123240	10123244
	2½"	D111P	D112P	D113P	D115P	D129P	D121P
SCOTCHLITE	1"	10123227	10123231	10123235	10123239	10123243	10123247
	1¼"	10123225	10123229	10123233	10123237	10123241	10123245
	2½"	DS111P	DS112P	DS113P	DS115P	DS129P	DS121P
		1 Trumpet	5-Trumpet Burst	4-Trumpet Burst	3-Trumpet Burst	2-Trumpet Burst	Fire Truck
VINYL	1"	10123250	10119010	10119012	10119014	10119016	10119018
	1¼"	10123248	D123P	D124P	D125P	D126P	D127P
	2½"	D122P	10119039	10119041	10119043	10119045	10119047
SCOTCHLITE	1"	10123251	10119011	10119013	10119015	10119017	10119019
	1¼"	10123249	DS123P	DS124P	DS125P	DS126P	DS127P
	2½"	DS122P	10119040	10119042	10119044	10119046	10119048

Decals

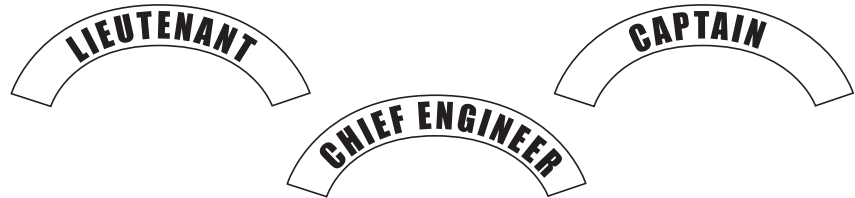
							
		Fireman's Scramble	EMS Star of Life	Chaplain's Cross	Shamrock	American Flag	Custom Decal*
VINYL	1"	10119020	10119022	10119024	10119026	10119057	—
	1 3/4"	D128P	D131P	D133P	D134P	D135P	—
	2 1/2"	10119049	D116P	10119053	10119055	10119057	D99P
SCOTCHLITE	1"	10119021	10119023	10119025	10119028	10119058	—
	1 3/4"	DS128P	DS131P	DS133P	DS134P	DS135P	—
	2 1/2"	10119050	DS116P	10119054	10119056	10119058	—

*50-unit minimum required

Title Tapes

Replacement P/Ns: p. 64

- For Modern style helmets only
- Lettering is in all-caps
- Available in vinyl or reflective Scotchlite
- Custom decals also available



Title	Vinyl	Scotchlite
Commissioner	D201P	DS201P
Deputy Comm'r	D202P	DS202P
Chief	D203P	DS203P
Deputy Chief	D204P	DS204P
Asst. Chief	D205P	DS205P
Battalion Chief	D206P	DS206P
Captain	D207P	DS207P
Lieutenant	D208P	DS208P
Chaplain	D209P	DS209P
Chief Engineer	D210P	DS210P
Engineer	D211P	DS211P
Asst. Engineer	D212P	DS212P
Fire Marshall	D213P	DS213P
Dpty. Fire Marshall	D214P	DS214P
Emer. Medical Tech	D215P	DS215P
Driver	D216P	DS216P
Appartatus Operator	D217P	DS217P
Safety Officer	D218P	DS218P
Asst. Safety Officer	D219P	DS219P
Director	D220P	DS220P
Dpty. Director	D221P	DS221P
Co-Ordinator	D222P	DS222P

Title	Vinyl	Scotchlite
Instructor	D223P	DS223P
Photographer	D224P	DS224P
Acting Captain	D225P	DS225P
Training Officer	D226P	DS226P
Foreman	D227P	DS227P
Fireman	D228P	DS228P
Ladderman	D229P	DS229P
Nozzleman	D230P	DS230P
Hoseman	D231P	DS231P
Apparatus Officer	D232P	DS232P
Rescue	D233P	DS233P
Paramedic	D234P	DS234P
Firefighter	D235P	DS235P
Sergeant	D236P	DS236P
1st Asst. Chief	D237P	DS237P
2nd Asst. Chief	D238P	DS238P
First Responder	D239P	DS239P
Hazmat	D240P	DS240P
Fire Investigator	10068636	10068637
Supervisor	10068638	10068639
Custom Decal*	T99P	TS99P

*10-unit minimum required



MSA Cairns **Communication**

53



Communication system shown outside of earlap for illustration purposes only. For best protection and performance, earlap should be worn over the communication system.

ClearCommand® Fire Helmet Communication System

The ClearCommand® Fire Helmet Communication System (PN 10042902) is a radio interface that improves sending and receiving messages—even in high-noise environments. The system simply snaps onto the fire helmet suspension. There are no pressure points, so the system is comfortable to wear.

The system also:

- Virtually eliminates high ambient noise levels via bone-conduction voice transmitter
- Maintains transmission quality through facepiece head harness, hood and liner
- Is intrinsically safe for use in hazardous environments
- Easily snaps onto the fire helmet ratchet
- Quickly transfers from one helmet to another without tools
- Offers reversible boom speaker configuration to let users position it over either ear
- Connects to our lapel microphone and PTT
- Includes flannel pad for cushioning



Brand	Radio Model	Lapel Mic	PTT
BENDIX-KING	DPH-5102X, EPH, EPI, EPU,EPV, GPH, LPH, LPI, LPU, LPX, MPH	10042938	10045707
E.F. JOHNSON	5850, 5855, 5860, 5861, 5862, FM-5852, LX-2442/2443, ZX-2452/2453	10042942	10045711
	5100 series (511x, 5133, 514x, 518x)	10091194	10055501
	VIKING CL-00/5870/5876/5877/8560/8561/8565/8566/8570/8571/8587/8591, CH-HM91	10042943	10045712
GE ERICSSON	Jaguar 700P/700PI, P700IP/7150/7170, HT-7150S/7170T, HA8VXS	10068237	10070362
	500P, KPC	10042933	10045702
	Monogram	10042934	10045703
	GF (PACUDX), MPA, MPD, MTL, PAPST5, TPX	10042932	10045701
ICOM	IC-F14	10093301	
	IC-2A/2AT/2AE, ICH-2/6/12/16, ICU-2/6/12/16, IC-F11/F11S/F21/F21BR/F21S/F3033S	10042944	10045713
	IC-F30/30LT/40/40LT	10042946	10045715
	IC-F30GS/F30GT/F40GS/40GT	10058090	10067523
	IC-F50/F60/F70, M88, 4161	10072223	10064623
	Side connector IC-F3GS/F3GT/F4G-2/F4GT/F12/F12S/F22/F22S		10045714
	Top Load IC-F3S/F4S/F10/F20	10042945	10045714
KENWOOD	TK-190/280/290/290K/380/390/480/481/2140/2180/3140/3180/5210/5220, NX200/300/300K	10042941	10045710
	TK-08/220/240/248/250/260/270/270G/272/308/320/340/350/353/360/370/372/373G/430/2100-K2/2160/2170/2200/2202/2302/2312/3101K/3160/3170/3173/3200/3202/3212/3360,TH21/25A/41/45/75/91A/2102/3102, DEMITOSS 9 (JAPAN), FREETALK LINE	10042939	10045708
	TK-230/330	10042940	10045709
KYODO	KG-209	10093729	10093730
MACOM/HARRIS	P5100/5130/7100/7150/7200	10068237	10070362
	P5300/5400/7300, XG-25/75	10126347	10128997
MAXON	PL-1145/2245/5161/5164		10061404
	SP-2000 Series, SP-2550/2850, SL-70W	10042947	10045716
	SP-5000 Series, CP-0500 Series	10042948	10045717
MIDLAND	70-145/148/154/245/254	10042951	10045720
	70-153	10042949	10045718
	70-165/166/265/266	10042950	10045719
	70-195/295	10042952	10045721



ClearCommand® Fire Helmet Communication System

Brand	Radio Model	Lapel Mic	PTT
MOTOROLA	GP-900, HT-1000, JEDI, JT-1000, MT-1500/2000, MTS-2000, MTX, MTX-838/839/2000/8000/9000 Transcrypt Stealth, PR1500, PTX-1200/3600, XTS-1500/2250/2500/3000/3500/5000/5000R	10042903	10045662
	APX-4000/5000/6000/7000, DGP-6150+, XPR-6500/6550/6580	10092733	10108643
	270, 280, FR-50/60, 289/5100/5200/5300/5320/5400/5410/5420/5600/5620/5700/5720/5800/5820/6200/6210/6220/6250/6300/6310/6320/6400/7200, Talk About	10061629	10061630
	AXU-4100, CP-100, SP-10/21		10059441
	EX-500/560/600	10053716	10057505
	EXPO, HT-10, RADIUS P10/50	10042924	10045693
	GP-350	10042930	10045699
	GP-350 (QD)	10042931	10045700
	HT-50/90/440, RADIUS P100	10042925	10045694
	GP-328/329/338/339/340/360/680, HT-750/1250/1550/1550-XLS, MTX-850/850-LS/950/4550/8250/8250-LS/9250, PR-860, PRO 5150/7150/7350/7550/9150, PTX-700/760/780	10042922	10045691
	GP-328 (QD), HT-750 (QD)/1250 (QD), PRO 5150 (QD)	10042923	10045692
	MT-500	10042928	10045697
	MX-300/310/320/340/350/360	10042927	10045696
	AP-73, CLS Series, CP-150/200/300, CT-150/185/250/250LS/450/450LS, EP-450, GP-63/68/88/300/308/2000, GTX, GTX-8250, LTS-2000, MAG ONE A-8, MTX-638, P110/1225, MU-21CV/21CZ, PR-400, PRO 2150/3150, SP-10/21/50, SPIRIT-111, SPIRIT-Pro, SU-21C, XTN Series, XTV-2100, XU-2100, XV-1100, XZ-1100	10042905	10045664
VISAR	10042926	10045695	
RELM/ SMARTCOM	Minicom 3200, MPS, MPU-08B/32, MPV-08/32, WHS150	10042953	10045722
RITRON/ JOB COM	JBX-151, JMX-100/400 Series, RTX-150/450, SST Series	10042954	10045723
STANDARD	HX-240U/V	10042935	10045704
	HX-320	10042936	10045705
	HX-381/482/580T/581T/582T/585T/587T	10042937	10045706
TEKK	T-20/40/50/60	10042955	10045724
UNIDEN	SPH Series, SPU Series	10042956	10045725
	SPS-310T/320TS	10042957	10045726
VERTEX	VX-2R/160/180/210/417/420/424/427/454	10058088	10073293
YAESU-VERTEX	FT-11R/41R/416/816, FTH-2005/2008/2009/7005/7008/7009	10042958	10045727
	FT-76	10042962	10045779
	FTH-2070	10042960	10045729
	F-10/40/50, FT-50R, VX-10/300, VX-400, VXF Series	10042959	10045728
	VX-500/510	10042961	10045730
	VX-600/600U/600UB/600V/600VB/800/900	10058089	10061244

	P/N	Description
PARTS & ACCESSORIES	10046087	Dust Cover
	10046123	Guard Ring, Tall
	10046122	Guard Ring, Short
	10046120	Belt Clip Assy
	10046121	O-ring, Single Pin Connector
	10045778	Flannel Head Band Liner



MSA Cairns **Replacement Parts**



New 1010/1044 Impact Cap Replacement Kits









P/N	Description	N5A & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
IMPACT CAP REPLACEMENT KIT W/STANDARD CHINSTRAP									
10170236	Clear Lens and Standard Headband		■						
10170240	Clear Lens and Deluxe Headband		■						
10170237	Tuffshield Lens and Standard Headband		■						
10170241	Tuffshield Lens and Deluxe Headband		■						
IMPACT CAP REPLACEMENT KIT W/POSTMAN'S SLIDE CHINSTRAP									
10170238	Clear Lens and Standard Headband		■						
10170242	Clear Lens and Deluxe Headband		■						
10170239	Tuffshield Lens and Standard Headband		■						
10170243	Tuffshield Lens and Deluxe Headband		■						

Impact Cap Assembly (ICA) & Suspension System

P/N	Description	N5A & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
UPGRADE ICA KITS FOR DEFENDER HELMETS (STANDARD LINER)									
10092441	ICA w/QRB, Clear Defender, Standard Liner & Yellow Nomex Earlap				■				
10092442	ICA w/QRB, Amber Tuffshield Defender, Standard Liner & Yellow Nomex Earlap				■				
10092445	ICA w/QRB, PS, Clear Defender, Standard Liner & Yellow Nomex Earlap				■				
10092446	ICA w/QRB, PS, Amber Tuffshield Defender, Standard Liner & Yellow Nomex Earlap				■				
UPGRADE ICA KITS FOR DEFENDER HELMETS (DELUXE LINER)									
10092449	ICA w/QRB, Clear Defender, Deluxe Liner & PBI Kevlar Earlap				■				
10092450	ICA w/QRB, Amber Tuffshield Defender, Deluxe Liner & PBI Kevlar Earlap				■				
10092453	ICA w/QRB, PS, Clear Defender, Deluxe Liner & PBI Kevlar Earlap				■				
10092454	ICA w/QRB, PS, Amber Tuffshield Defender, Deluxe Liner & PBI Kevlar Earlap				■				
FOR NON-DEFENDER HELMETS									
10152449	ICA w/ Standard Configuration			■					
10046380	ICA Retainer Clip			■					
M603P	ICA w/ Standard Configuration				■	■			
M603DP	ICA w/ Deluxe Configuration				■	■			
M610P	ICA Retention Kit (Tabs, Velcro, Screws)				■				
M6HP	ICA Retention Kit					■			
M802P	ICA w/ Overhead Suspension						■	■	
M110P	Overhead Suspension								■
REPLACEMENT ICAS FOR DEFENDER HELMETS (STANDARD LINER)									
10096894	ICA w/QRB, Standard Liner & Yellow Nomex Earlap				■				
10096895	ICA w/QRB, PS, Standard Liner & Yellow Nomex Earlap				■				
10096828	ICA w/QRB, Standard Liner & Yellow Nomex Earlap					■			
10096829	ICA w/QRB, PS, Standard Liner & Yellow Nomex Earlap					■			
10096830	ICA w/3-point QRB, Standard Liner & Yellow Nomex Earlap					■			
REPLACEMENT ICAS FOR DEFENDER HELMETS (DELUXE LINER)									
10096896	ICA w/QRB, Deluxe Liner & PBI/Kevlar Earlap				■				
10096897	ICA w/QRB, PS, Deluxe Liner & PBI/Kevlar Earlap				■				
10096891	ICA w/QRB, Deluxe Liner & PBI/Kevlar Earlap					■			
10096892	ICA w/QRB, PS, Deluxe Liner & PBI/Kevlar Earlap					■			
10096893	ICA w/3-point QRB, Deluxe Liner & PBI/Kevlar Earlap					■			

MSA Cairns Replacement Parts





Eye & Face Protection

P/N	Description	N5A & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
DEFENDER VISOR									
 10077117	Clear Lens w/ Hardware		■		■	■			
 10077118	Amber Tuffshield Lens w/ Hardware		■		■	■			
DEFENDER VISOR HARDWARE									
10145812	Replacement Hardware Kit (no lens)		■		■	■			
10101798	Nose Pad Kit (5 pk)		■		■	■			
10074432	Replacement Heat Shield		■		■	■			
10077121	Replacement Retainer Tab		■						
10096795	Replacement Retainer Tab				■				
10096796	Replacement Retainer Tab					■			
FACESHIELDS									
 10071006	4" Tuffshield w/ Wing Protectors	■	■	■	■				
 10037315	4" Standard w/ Wing Protectors			■	■	■	■		
S806CP	6" Standard w/ Wing Protectors				■	■			
S606GP	6" Gold-Coated		■		■				
FACESHIELD HARDWARE									
 S918P	Faceshield Hardware Kit	■	■	■					
S910P	Faceshield Hardware Kit				■				
S620P	Faceshield Hardware Kit					■			
S912P	Faceshield Hardware Kit						■		
10063598	Faceshield Nut Kit	■	■	■	■	■	■		
S950P	Faceshield "E" Clips (50 pk)	■	■	■	■	■	■		
S204P	4" Faceshield Wing Protectors (Pair)	■	■	■	■	■	■		
S206P	6" Faceshield Wing Protectors (Pair)	■	■	■	■	■	■		
GOGGLES									
 S550P	MSA Cairns ESS Goggle	■*	■	■	■		■		
S552P	MSA Cairns ESS Goggle					■			
10101681	MSA Cairns ESS Goggle							■	■
S548P	ESS Innerzone 1	■	■	■	■	■	■	■	■
 S549P	ESS Innerzone 2	■	■	■	■	■	■	■	■
10032882	ESS Innerzone 3	■	■	■	■	■	■	■	■
10068733*	ESS Striketeam XTO					■		■	■
GOGGLE HARDWARE									
S953P	Goggle Strap Retaining Tabs	■	■	■	■	■	■	■	■
S555P	MSA Cairns ESS Goggle Lens Covers (6 pk)	■	■	■	■	■	■	■	■
S556P	MSA Cairns ESS Goggle Replacement Lens	■	■	■	■	■	■		
10059535	MSA Cairns ESS Stealth Sleeve	■	■	■	■	■	■		
10064534	Carins ESS Replacement Strap Kit	■	■	■	■	■	■		
10029701	Innerzone 1 Hardware	■	■	■	■	■	■	■	■
10029700	Innerzone 2 Hardware (Old Style)	■	■	■	■	■	■	■	■
10052896	Innerzone 2 Low Profile Mounting Kit	■	■	■	■	■	■	■	■
10059814	Innerzone 1 & 2 Replacement Strap Kit	■	■	■	■	■	■	■	■
HARDWARE									
 S10KP	Bourke w/ Bourke Hardware Kit	■	■	■					
S103P	Bourke Hardware Kit	■	■	■					
10086493	Nylon Mini Rivet, Male	■	■	■	■	■	■	■	■
10086494	Nylon Mini Rivet, Female	■	■	■	■	■	■	■	■

* Not NFPA-1071 compliant




Soft Goods Kits

P/N	Description	NSA & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
SOFT GOODS KITS									
 10160548	Standard Liner, Yellow Nomex Ear Lap, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
 10160549	Standard Liner, Black Nomex Ear Lap, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
 10160550	Standard Liner, Yellow Nomex Ear Lap, Ratchet Pad, Mesh Laundering Bag			■					
 10160561	Standard Liner, Black Nomex Ear Lap, Ratchet Pad, Mesh Laundering Bag			■					
10164551	Standard Liner, PBI / Kevlar Ear Lap, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10164552	Standard Liner, PBI / Kevlar Ear Lap, Ratchet Pad, Mesh Laundering Bag			■					
10168344	Deluxe Liner, Yellow Nomex Ear Lap, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168345	Deluxe Liner, Black Nomex Ear Lap, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168346	Deluxe Liner, Yellow Nomex Ear Lap, Ratchet Pad, Mesh Laundering Bag			■					
10168347	Deluxe Liner, Black Nomex Ear Lap, Ratchet Pad, Mesh Laundering Bag			■					
10168348	Deluxe Liner, PBI / Kevlar Ear Lap, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168349	Deluxe Liner, PBI / Kevlar Ear Lap, Ratchet Pad, Mesh Laundering Bag			■					
10168350	Standard Liner, Yellow Nomex Ear Lap with Underchin Extension , Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168351	Standard Liner, Black Nomex Ear Lap with Underchin Extension, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168352	Standard Liner, PBI / Kevlar Ear Lap with Moisture Barrier, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168353	Standard Liner, PBI / Kevlar Ear Lap with Moisture Barrier, Ratchet Pad, Mesh Laundering Bag			■					
10168354	Standard Liner, PBI / Kevlar Ear Lap with Underchin Extension, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168355	Standard Liner, PBI / Kevlar Ear Lap with Underchin Extension, Ratchet Pad, Mesh Laundering Bag			■					
10168356	Deluxe Liner, Yellow Nomex Ear Lap with Underchin Extension, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168357	Deluxe Liner, Black Nomex Ear Lap with Underchin Extension, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168358	Deluxe Liner, PBI / Kevlar Ear Lap with Moisture Barrier, Ratchet Pad, Mesh Laundering Bag		■		■	■	■	■	■
10168359	Deluxe Liner, PBI / Kevlar Ear Lap with Moisture Barrier, Ratchet Pad, Mesh Laundering Bag			■					
10168360	Deluxe Liner, PBI / Kevlar Ear Lap with Underchin Extension, Ratchet Pad, Mesh Laundering Bag								
10168361	Deluxe Liner, PBI / Kevlar Ear Lap with Underchin Extension, Ratchet Pad, Mesh Laundering Bag			■					



Same Day Shipping on Our Most Popular Items

When you can't afford to wait another day! We offer our most popular MSA Cairns products in our Stock-Order-Ship (SOS) program. For these products, if your order is entered by 2:30 PM, the product ships the same day from our warehouse in Pittsburgh, PA. Look for the SOS symbol  beside products in the program. Remember, too, you can always order customized MSA Cairns Fire Helmets through Assemble-to-Order (ATO). ATO forms are on every fire helmet product page on www.MSASafety.com

Duffel Bag

P/N	Description	NSA & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
DUFFEL BAG									
10164282	MSA Black Poly Rolling Duffel Bag (25"x13"x13")	■	■	■	■	■	■	■	■

MSA Cairns Replacement Parts

Liners & Cushions

60S

P/N	Description	N5A & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
LINERS W/CUSHIONS									
10159925	Standard Headband Liner		■						
10162834	Deluxe Leather Headband Liner		■						
LK27P	Economy Flannel Headband & Ratchet Liner		■		■	■	■	■	■
LK28P	Standard Flannel Headband & Ratchet Liner		■		■	■	■	■	■
LK29P	Deluxe Leather Ratchet & Headband Liner w/ Crown Pad		■		■	■	■	■	■
10095795	Economy Flannel Headband & Ratchet Liner			■					
10095796	Standard Flannel Headband & Ratchet Liner			■					
10095797	Deluxe Leather Ratchet & Headband Liner w/ Crown Pad			■					
L5RP	Leather/Sateen Cushion Liner w/ Yellow Nomex Earlap (L)	■							
L5RP-0001	Leather/Sateen Cushion Liner w/ Yellow Nomex Earlap (M)	■							
10097951	Leather/Sateen Cushion Liner w/ Black Nomex Earlap (L)	■							
10101176	Leather/Sateen Cushion Liner w/ Black Nomex Earlap (M)	■							
L59RP	Leather/Sateen Cushion Liner w/ PBI/Kevlar Earlap (L)	■							
L59RP-0001	Leather/Sateen Cushion Liner w/ PBI/Kevlar Earlap (M)	■							
LINER ONLY									
RBP	Ratchet Headband System	■							
RHBP	Ratchet Headband System		■		■	■	■	■	■
10046721	Ratchet Headband System			■					
M615P	Headband Retention Tabs (set of 4)		■		■	■			
CUSHION ONLY									
10145415	Economy Flannel Headband & Ratchet Cushions only		■	■	■	■	■	■	■
10145416	Standard Flannel Headband & Ratchet Cushions only		■	■	■	■	■	■	■
10145417	Deluxe Leather Headband & Ratchet Cushions w/Crown Pad		■	■	■	■	■	■	■
LCPP	Flannel Crown Pad	■	■	■	■	■			
FCPP	Foam Crown Pad	■							
LRPP	Leather Ratchet Pad	■	■	■	■	■	■	■	■
M560P	Foam Adjustment Kit (6 sets w/ 5 pads in each)	■							

60

Chinstraps

P/N	Description	N5A & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
CHINSTRAPS									
C892P	w/Quick Release Buckle (QRB)	■	■		■	■	■	■	■
C923P	w/QRB (Non-Defender 1010/1044)		■						
C893P	w/QRB & Postman's Slide (PS)	■	■		■	■	■	■	■
C922P	w/QRB & PS (Non-Defender 1010/1044)		■						
C89P	w/QRB			■					
10046712	w/QRB & PS			■					
C893LP	w/QRB & PS (3" longer)						■		
10172168	4-Point Chin Strap Upgrade Kit		■						



Earlaps & ARFF Proximity Hoods

P/N	Description	NSA & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
EARLAPS									
L655XP	Yellow Nomex Earlap		■		■	■	■	■	■
L655AP	Yellow Nomex Earlap w/Under Chin Extension		■		■	■	■	■	■
L655GP	Black Nomex Earlap		■		■	■	■	■	■
10124742	Black Nomex Earlap w/Under Chin Extension		■		■	■	■	■	■
L955P	PBI/Kevlar Earlap		■		■	■	■	■	■
L955AP	PBI/Kevlar Earlap w/Under Chin Extension		■		■	■	■	■	■
L945P	PBI/Kevlar Bloodborne Pathogen Resistant Earlap		■		■	■	■	■	■
10046723	Yellow Nomex Earlap			■					
10049833	Yellow Nomex Earlap w/Under Chin Extension			■					
10049734	PBI/Kevlar Earlap			■					
10049735	PBI/Kevlar Bloodborne Pathogen Resistant Earlap			■					
10049834	PBI/Kevlar Earlap w/ Under Chin Extension			■					
10053104	Black Nomex Earlap			■					
ARFF PROXIMITY HOODS									
10041994	Aluminized PBI/Kevlar Shroud w/ Nomex Earlap		■		■				
10041993	Aluminized PBI/Kevlar Bonnet				■				
10041992	Aluminized PBI/Kevlar Bonnet		■						

Front Holders

P/N	Description	NSA & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
FOR 6" FRONTS									
10099776	Carved Brass Eagle	■							
10099778	Carved Brass Beaver	■							
10128084	Carved Brass Dragon	■							
M8P	Carved Brass Eagle		■						
10071259	Carved Brass Beaver		■						
10128083	Carved Brass Dragon		■						
10169992	Carved Brass Bulldog		■						
M9P	Silk-Screened Eagle		■						
M6P	Silk-Screened Maltese Cross		■						
10065952	Carved Brass Eagle			■					
10049738	Silk-Screened Eagle			■					
10049739	Silk-Screened Maltese Cross			■					
FOR 5" FRONTS									
10049736	Silk-Screened Eagle			■					
10049737	Silk-Screened Maltese Cross			■					
FOR 8" FRONTS									
M7P	Carved Brass Parade Eagle	Presentation Helmets Only							
HARDWARE									
10047527	Front Holder Hardware Kit (set of 3)	■	■	■					
M16P	Mounting Bracket		■	■					
M12P	Mounting Bracket				■	■	■	■	■

MSA Cairns Replacement Parts

Fronts & Accessories

P/N	Description	N5A & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
6" FRONTS & ACCESSORIES									
F19P-F30P	6" Front	■	■	■					
F42P/F44P/F46P	FDNY Frame & Insert	■	■	■					
F43P/F45P/F47P	FDNY Frame	■	■	■					
F48P	FDNY Insert	■	■	■					
F49P	Passport Frame & Insert (Rectangular-insert style)	■	■	■					
F50P	Passport Frame (Rectangular-insert style)	■	■	■					
F51P	Passport Insert (Rectangular style)	■	■	■					
F55P	Passport Frame & Insert (Rounded-insert style)	■	■	■					
F56P	Passport Frame (Rounded-insert style)	■	■	■					
F57P	Passport Insert (Rounded style)	■	■	■					
F62P	Passport System Frame & 3 Inserts	■	■	■					
F60P	Passport System Frame	■	■	■					
F61P	Passport System Insert	■	■	■					
M16P	5" & 6" Front Mounting Bracket		■	■					
AN6P	Acorn Nuts for Fronts (50 pk)	■	■	■					
FSMP	Front Mounting Screws (50 pk)	■	■	■					
FPP	Front Pins (100 pk)	■	■	■					
4" FRONTS & ACCESSORIES									
F31P-F37P	4" Front w/M12 Bracket				■	■	■	■	■
F52P	Passport Frame & Insert (2 lines of text)				■	■	■	■	■
F53P	Passport Frame (2 lines of text)				■	■	■	■	■
F54P	Passport Insert (2 lines of text)				■	■	■	■	■
F58P	Passport Frame & Insert (1 line of text)				■	■	■	■	■
F59P	Passport Frame (1 line of text)				■	■	■	■	■
F57P	Passport Insert (1 line of text)				■	■	■	■	■
10101683	4" Front Hook & Loop Kit				■	■	■	■	■
M12P	4" Front Mounting Bracket				■	■	■		
FSMP	Front Mounting Screws (50 pk)				■	■	■		
8" STANDARD FRONTS & ACCESSORIES									
F10P-F18P	8" Front	Leather Presentation Helmets Only							
AN6P	Acorn Nuts for Fronts (50 pk)								
FSMP	Front Mounting Screws (50 pk)								
PRINTED GOLD FRONTS									
F70P-F73P	8" Printed Gold Front	Leather Presentation Helmets Only							
F74P-F81P	6" Printed Gold Front	■	■	■					
F82P-F83P	4" Printed Gold Front				■	■	■	■	■
HAND-PAINTED GOLD LEAF FRONTS									
F125P-F127P	8" Standard Patterns	Leather Presentation Helmets Only							
F128P-F137P	6" Standard Patterns	■	■	■					
F138P-F139P	4" Standard Patterns				■	■	■	■	■
3" MINI FRONTS									
F38P-F41P	3" Mini Front	Mini Leather Helmets Only							
F84P	3" Gold Mini Front								
FRONT ACCESSORIES									
E101P	Tin Maltese Cross Emblem	■	■	■	■	■	■	■	■
FB1P	Gold-plated Badge	■	■	■	■	■	■	■	■
FB2P	Chrome-plated Badge	■	■	■	■	■	■	■	■



Reflective Trim & Accountability

P/N	Description	NSA & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
TETRAHEDRONS									
RP20Y	Reflexite, Lime/Yellow, 20 per sheet	■	■	■					
RP20R*	Reflexite, Red/Orange, 20 per sheet	■	■	■					
SP20YP	Scotchlite, Lime/Yellow, 20 per sheet	■	■	■					
SP20RP*	Scotchlite, Red/Orange, 20 per sheet	■	■	■					
10062656	Scotchlite, Lime/Yellow w/ silver center bar, 8 per sheet	■	■	■					
10062655	Scotchlite, Red/Orange w/ silver center bar, 8 per sheet	■	■	■					
STRIPES									
R16YP	Reflexite, Lime/Yellow, 1"x 4", 16 per sheet				■				
R16RP*	Reflexite, Red/Orange, 1"x 4", 16 per sheet				■				
SP16YP	Scotchlite, Lime/Yellow, 1"x 4", 16 per sheet				■				
SP16RP*	Scotchlite, Red/Orange, 1"x 4", 16 per sheet				■				
PG1	Scotchlite, Lime/Yellow w/silver center bar, 6 per pack				■				
PG2*	Scotchlite, Red/Orange w/silver center bar, 6 per pack				■				
TETRABARS & STRIPES									
RP17YP	Reflexite, Lime/Yellow, 12 1"x 4" tetrabars & 8 stripes per sheet					■	■	■	■
RP17RP*	Reflexite, Red/Orange, 12 1"x 4" tetrabars & 8 stripes per sheet					■	■	■	■
SP17YP	Scotchlite, Lime/Yellow, 12 1"x 4" tetrabars & 8 stripes per sheet					■	■	■	■
SP17RP*	Scotchlite, Red/Orange, 12 1"x 4" tetrabars & 8 stripes per sheet					■	■	■	■
ACCOUNTABILITY NUMBERS									
Replace the "X" with the digit you need: 0-9.									
SP100Y-X	Scotchlite, Lime/Yellow, 1" Numbers	■	■	■	■	■	■	■	■
SP100R-X*	Scotchlite, Red/Orange, 1" Numbers	■	■	■	■	■	■	■	■
SP200Y-X	Scotchlite, Lime/Yellow, 2" Numbers	■	■	■	■	■	■	■	■
SP200R-X*	Scotchlite, Red/Orange, 2" Numbers	■	■	■	■	■	■	■	■
AS006	1 3/4" x 2 1/2" Velcro Accountability Tag	■	■	■	■	■	■	■	■
AS007	3 1/2" x 1 3/4" Velcro Accountability Tag	■	■	■	■	■	■	■	■

* Not NFPA-1971 compliant

Edge Beading & Other Shell Hardware

P/N	Description	NSA & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
EDGE BEADING									
M5P	Black Edge Beading Replacement Kit		■		■	■	■	■	■
M5P-0001	White Edge Beading Replacement Kit		■		■	■	■	■	■
10049832	Black Edge Beading Replacement Kit			■					
10062602	White Edge Beading Replacement Kit			■					
OTHER SHELL HARDWARE									
M4P	Helmet Hanger Replacement Kit		■		■		■	■	■
10049831	Helmet Hanger Replacement Kit			■					
10113989	Helmet Hanger Replacement Kit					■			
S921P	Acorn Nut Kit	■	■	■	■				
M10P	Brass Crown Piece	■							

Helmet Decals & Title Tapes

P/N	Description	NSA & N6A	MSA Cairns 1010 & 1044	880 Tradition	660C Metro & Invader 664	Commando HP3	Structural 360S	Rescue 360R	Rescue 360R-13
HELMET DECALS & TITLE TAPES									
D101P-D131P	Vinyl Decals	■	■	■	■	■	■	■	■
DS101P-DS135P	Scotchlite Decals	■	■	■	■	■	■	■	■
D201P-D240P; 10068636; 10068638	Vinyl Title Tape	■	■	■	■	■	■	■	■
DS201P-DS240P; 10068637; 10068639	Scotchlite Title Tape	■	■	■	■	■	■	■	■



Parts for Helmets Made Prior to NFPA 1971-1997 Edition

P/N	Description
LEATHER HELMETS	
L101P-0002	Cushion Liner (Small)
L101P-0003	Cushion Liner (Medium)
L5P-0001	Cushion Liner w/Jumbo Nomex Earlap, no ratchet (Medium)
L5P-0002	Cushion Liner w/Jumbo Nomex Earlap, no ratchet (Large)
L5P-0003	Cushion Liner w/Jumbo Nomex Earlap, no ratchet (Small)
L59P	Cushion Liner w/Jumbo PBI/Kevlar Earlap, no ratchet
M102P	Retaining Buttons (10 per pk)
M6AP	Front holder for 6" Fronts
TRADITIONAL HELMETS	
RBWP	Ratchet Washers (10 per pk)
M102P	Retaining Buttons (10 per pk)
M621P	Retainer Tabs (12 per pk)
M610P	Impact Cap Assembly Retention Kit (Tabs, Velcro, Screws)
MODERN HELMETS	
M620P	Retainer Tabs (12 per pk)
880, 881A AND 770 PHILADELPHIAN	
M6AP	Front holder for 6" Fronts

For information on MSA Cairns Fire & Rescue Helmets, or any product in the MSA Fire Service Suite, please contact MSA Customer Service at 1-877-MSA-Fire or visit our website at www.MSAfire.com.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



ID 3600-01-MC / February 2016
© MSA 2016 Printed in U.S.A.

MSA – The Safety Company
1000 Cranberry Woods Drive
Cranberry Township, PA 16066 USA
Phone 724-776-8600
www.MSAFire.com

U.S. Customer Service Center
Phone 1-877-MSA-FIRE
Fax 1-877-672-3930

MSA Canada
Phone 1-800-MSA-FIRE
Fax 1-800-967-0398

MSA Mexico
Phone 1-877-672-3473
Fax 01152 55 5359 4330