

# Fas-Trac® III Suspension

Available now for V-Gard®, V-Gard GREEN, SmoothDome®, Thermalgard® and Topgard® Helmets!



# HEADACHES?



*Because every life has a **purpose...***

## Fas-Trac® III Suspension is the Cure!

Introducing the Fas-Trac III Ratchet Suspension from MSA. Designed for use with market-leading MSA helmets, the Fas-Trac III suspension improves the user's head protection experience. Our extensive customer research showed the Fas-Trac III Suspension was preferred by 92% of users over what they were currently wearing because it improved helmet comfort, retention and stability.



While the part numbers for replacement suspensions have changed, there are **NO CHANGES** to MSA helmet/suspension assembly part numbers. Ordering information for Fas-Trac III Suspensions, whether as a replacement or within an available MSA helmet assembly, are listed in this bulletin.

### Fas-Trac III Suspension Features

Here are just a few of the headache-free features of the Fas-Trac III Suspension and what users had to say:

Feature	User Feedback
Lower nape strap improves retention; it also adjusts for a custom fit on the back of the head.	<i>"Fits lower on the back of the head. Helps helmets stay on when guys are leaning over."</i>
Three levels of nape adjustment allow desired nape fit, without interfering with line of sight or other protective gear, such as earmuffs.	<i>"Easier to use. More adjustment choices."</i>
Ratchet offers smooth rotation, virtually no backlash, and grippable knob that can be adjusted—even with a gloved hand!	<i>"Easier adjustment—less pressure needed to turn it."</i>
Comfort pad separates the back of the ratchet from the rear of the head, cradling the head while encouraging airflow.	<i>"The comfort pad prevents hair from getting pulled."</i>
Largest sweatband surface area on the market covers the suspension headband and user's forehead for added comfort.	<i>"More comfortable."</i>
Optional sweatband accessory helps remove moisture and can be installed while the suspension is assembled in the helmet.	<i>"The cloth sweatband accessory is awesome ..."</i>

V-Gard® GREEN Protective Helmet



*The world's first hard hat made from renewable resources*

Both V-Gard GREEN Helmets and traditional V-Gard Helmets, regardless of material, offer the same trusted look and quality customers have come to expect from MSA. V-Gard and V-Gard GREEN helmets are third-party SEI certified as Type I, Class E under ANSI/ISEA Z89.1-2009 and CSA Z94.1-2005. The only difference is V-Gard GREEN Helmets are produced from green high-density polyethylene (GHDPE), rather than standard HDPE, like traditional V-Gard helmets are. GHDPE is a biopolymer made from sugar cane-based ethanol. GHDPE is a renewable resource because the rate of sugarcane growth is faster than the rate of harvest.

**Classification:** Type I

**Market(s):** General industry, manufacturing, repair and maintenance, construction, oil and gas, shipbuilding, automotive, mining

**Application:** General purpose

**Shell Material:** Green high-density polyethylene (GHDPE)

**Available Styles:** Slotted cap with 4-point Fas-Trac® III Suspension

**Sizes:** Standard (6-½" to 8")

**Standards:** ANSI/ISEA Z89.1-2009 (Class E); CSA Z94.1-2005 (Class E)

**Certification:** Third-party by SEI

**Customization:** Logos, striping and MSA accessories available

**Replacement Suspensions:** See page 11

White	Yellow	Blue	Green	Red
10150199	10150200	10150221	10150222	10150223



*On average, the production of each V-Gard GREEN helmet removes approximately 2 lbs. of CO<sub>2</sub> from the atmosphere, according to the GHDPE material supplier.*



## V-Gard® Protective Caps and Hats

**Classification:** Type I

**Application:** General purpose

**Shell Material:** Polyethylene

**Available Styles:** Slotted Cap; Slotted Full-Brim Hat

**Sizes:** **Cap:** Small (6 – 7½"); Standard (6½ – 8"); Large (7 – 8½") **Hat:** Standard (6½ – 8")

**Standards:** ANSI/ISEA Z89.1-2009 (Class E); CSA Z94.1-2005 (Class E)

**Certification:** Third-party by SEI

**Customization:** Imprinting and striping available

**Replacement Suspensions:** See page 11

*NOTE: Small and Large V-Gard Caps are NOT CSA-certified. Standard-size V-Gard Caps and Hats are CSA-certified when assembled with MSA's Fas-Trac III or 1-Touch Suspension ONLY.*

### V-Gard Caps



### V-Gard Hats



## V-Gard Protective Caps and Hats

Color	Small V-Gard Slotted Cap		Standard V-Gard Slotted Cap			Large V-Gard Slotted Cap		V-Gard Slotted Full-Brim Hat		
	w/ Staz-On® Suspension	w/ Fas-Trac® III Suspension	w/ Staz-On Suspension	w/ 1-Touch® Suspension <sup>1</sup>	w/ Fas-Trac III Suspension <sup>1</sup>	w/ Staz-On Suspension	w/ Fas-Trac III Suspension	w/ Staz-On Suspension	w/ 1-Touch Suspension <sup>1</sup>	w/ Fas-Trac III Suspension <sup>1</sup>
<b>COMPLETE V-GARD ASSEMBLIES</b>										
WHITE	466354	477477	463942	10057441	475358	473284	477482	454733	10058321	475369
BLUE	466355	477478	463943	10057442	475359	476928	477483	454732	10058320	475368
YELLOW	466356	477479	463944	10057443	475360	473285	477484	454730	10058318	475366
ORANGE	—	—	463945	10057444	475361	—	—	454734	10058322	496075
RED	—	—	463947	10057446	475363	—	—	454736	10058324	475371
GREEN	—	—	463946	10057445	475362	—	—	454735	10058323	475370
GRAY	—	—	463948	10057447	475364	—	—	454731	10058319	475367
HI-VIZ® ORANGE <sup>2</sup>	—	—	488148	10057420	488146	—	489364	489360	10058326	10021292
HI-VIZ YELLOW-GREEN <sup>2</sup>	—	—	—	10061514	10061512	—	—	—	10061516	10061515
BRIGHT LIME GREEN	—	489368	815558	—	815565	—	—	815562	—	815570
DARK (CANADIAN) BLUE	—	—	—	—	802972	—	—	—	—	802975
GOLD	—	—	464852	—	475365	—	—	—	—	—
ROBIN'S EGG BLUE	—	—	463111	—	495853	—	—	—	—	—
BROWN	—	—	464658	—	495854	—	—	—	—	—
SILVER	—	—	484340	—	495855	—	—	—	—	—
TAN	—	—	461180	—	—	—	—	—	—	—
BLACK	—	—	475235	—	492559	—	—	—	—	—
LIGHT BUFF	—	—	478237	—	495856	—	—	—	—	—
PURPLE	—	—	488398	—	495858	—	—	—	—	—
PINK	—	—	—	—	495862	—	—	—	—	—
HOT PINK	—	—	10155231	—	10155230	—	—	10156374	—	10156373
<b>SPECIAL V-GARD ASSEMBLIES</b>										
HI-VIZ ORANGE w/Yellow-Green Stripe <sup>2</sup>	—	—	—	10102195	10102193	—	—	—	—	—
HI-VIZ YELLOW-GREEN w/Red-Orange Stripe <sup>2</sup>	—	—	—	10102234	10102233	—	—	—	—	—
HI-VIZ YELLOW-GREEN w/Silver Stripe <sup>2</sup>	—	—	—	10102196	10102194	—	—	—	—	—
WHITE w/Lamp Bracket and Cord Holder (Class C)	—	—	460018	—	—	—	—	460069	—	815009
WHITE w/American Flag	—	—	474159	—	—	—	—	—	—	—
<b>V-GARD ASSEMBLY WITH SWING-RATCHET SUSPENSION</b>										
WHITE	10004689	White standard-size V-Gard Cap, w/Swing-Ratchet Suspension								

<sup>1</sup>Certified to CSA.

<sup>2</sup>V-Gard Cap/Hat meets the voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2009. Look for the official hi-visibility marking [HV] on the helmet's ANSI label.

NOTE: Small and Large V-Gard Caps are NOT CSA-certified. Standard size V-Gard Caps and Hats are CSA-certified when assembled with MSA's Fas-Trac, Fas-Trac III or 1-Touch Suspension ONLY.

### ⚠ WARNING

Do not mix suspension and helmet sizes. Make sure the sizes match, i.e., standard-size suspension with standard-size helmet. Use only the indicated MSA suspension and replacement suspension in a MSA helmet. Failure to comply with the above will reduce the energy-absorbing ability of the protective helmet, which can result in serious injury or death.



All V-Gard helmets have UV inhibitor molded right in.



## Freedom Series™ and Specialty V-Gard Protective Caps and Hats

- Classification:** Type I
- Application:** General purpose
- Shell Material:** Polyethylene with thermoformed graphics
- Available Styles:** Slotted Cap; Slotted Full-Brim Hat (Freedom Series only)
- Sizes:** Standard (6½ – 8")
- Standards:** ANSI/ISEA Z89.1-2009 (Class E); CSA Z94.1-2005 (Class E)
- Certification:** Third-party by SEI
- Customization:** Imprinting and striping available

**Replacement Suspensions:** See page 11



DESCRIPTION	Slotted V-Gard Cap w/Fas-Trac III Suspension	Slotted V-Gard Hat w/Fas-Trac III Suspension
<b>AMERICAN FREEDOM SERIES ASSEMBLIES</b>		
AMERICAN EAGLE	10079479	—
AMERICAN STARS AND STRIPES	10052945	10071157
AMERICAN FLAG WITH 2 EAGLES	10052947	10071159
CAMOUFLAGE	10103908	10104254
DUAL AMERICAN FLAG	10050611	—
<b>CANADIAN FREEDOM SERIES ASSEMBLIES</b>		
WHITE WITH RED MAPLE LEAF	10050613	10082234
BLACK WITH RED MAPLE LEAF	10082233	10082235
CAMOUFLAGE W/CANADIAN FLAG ON FRONT*	10104925	—
<b>SPECIALTY V-GARD ASSEMBLIES</b>		
RALLY CAP	10101535	—
METALLIC GOLD	10101854	—
BLACK FIRE	10092015	—
EXTREME HI-VIZ CAP**	10102180	—

\* Not pictured

\*\* Extreme Hi-Viz Cap meets the high-visibility requirements of ANSI/ISEA 107.

## V-Gard 500 Protective Caps

Vented V-Gard 500 Caps provide cooling vents for improved air circulation and comfort; the Non-Vented V-Gard 500 Caps provide users with dielectric head protection.

**Classification:** Type I

**Application:** General purpose

**Shell Material:** Polyethylene

**Available Styles:** Vented or Non-Vented Slotted Cap

**Sizes:** Standard (6½ – 8")

**Standards:** ANSI/ISEA Z89.1-2009 (Vented - Class C; Non-Vented Class E)

**Certification:** Third-party by SEI

**Customization:** Imprinting and striping available

**Replacement Suspensions:** See page 11



DESCRIPTION	4-Point Fas-Trac III Suspension	6-Point Fas-Trac III Suspension
<b>VENTED STYLE</b>		
WHITE	10034018	10034027
BLUE	10034019	10034028
YELLOW	10034020	10034029
RED	10034022	10034031
GREEN	10034023	10034032
HI-VIZ ORANGE <sup>1</sup>	10034026	10034035
HI-VIZ YELLOW-GREEN <sup>1</sup>	10074819	10074820
<b>NON-VENTED STYLE</b>		
WHITE	10034088	10034097

<sup>1</sup>Select V-Gard 500 Caps meet the voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2009. Look for the official hi-visibility marking [HV] on the helmet's ANSI label.

## SmoothDome® Protective Caps

**Classification:** Type I

**Application:** General purpose; welding

**Shell Material:** Polyethylene

**Available Styles:** Slotted Cap

**Sizes:** Standard (6½ – 8")

**Standards:** ANSI/ISEA Z89.1-2009 (Class E); CSA Z94.1-2005 (Class E)

**Certification:** Third-party by SEI

**Customization:** Imprinting and striping available

**Replacement Suspensions:** See page 11



DESCRIPTION	4-Point Fas-Trac III Suspension	6-Point Fas-Trac III Suspension
<b>SMOOTHDOME ASSEMBLIES</b>		
WHITE	10074067	10084078
BLUE	10074068	10084079
YELLOW	10074069	10084080
ORANGE	10074070	10084081
RED	10074071	10084082
GREEN	10074072	10084083
GRAY	10074073	10084084
HI-VIZ ORANGE*	10074077	10084088
HI-VIZ YELLOW-GREEN*	10074084	10084095
HI-VIZ ORANGE W/YELLOW-GREEN STRIPE*	10095987	10095988
HI-VIZ YELLOW-GREEN W/ORANGE STRIPE*	10095989	10095990
HI-VIZ ORANGE W/SILVER STRIPE*	10096141	—
HI-VIZ YELLOW-GREEN W/SILVER STRIPE*	10096142	—

\* Select SmoothDome Caps meets the voluntary standard for hi-visibility as prescribed by ANSI/ISEA Z89.1-2009. Look for the official hi-visibility marking [HV] on the helmet's ANSI label.



## Topgard® Protective Caps and Hats

**Classification:** Type I

**Application:** General purpose; elevated temperature\*

**Shell Material:** Polycarbonate

**Available Styles:** Slotted Cap; Non-Slotted Full-Brim Hat

**Sizes:** Standard (6½ – 8")

**Standards:** ANSI/ISEA Z89.1-2009 (Class E); CSA Z94.1-2005 (Class E)

**Certification:** Third-party by SEI

**Customization:** Imprinting and striping available

**Replacement Suspensions:** See page 11

\* Topgard Caps and Hats can withstand radiant heat loads up to but not exceeding 275°F.



DESCRIPTION	Topgard Slotted Cap (standard size)		Topgard Non-Slotted Hat (standard size)	
	w/ 1-Touch Suspension	w/ Fas-Trac III Suspension	w/ 1-Touch Suspension	w/ Fas-Trac III Suspension
<b>TOPGARD ASSEMBLIES</b>				
WHITE	454728	475385	454719	475393
YELLOW	454721	475378	454712	475387
GRAY	454722	475379	454713	—
BLUE	454723	475380	—	—
ORANGE	454725	475382	—	—
GREEN	454726	475383	—	—
RED	454727	475384	—	—
BRIGHT ORANGE	—	804396	—	804397
WHITE W/LAMP BRACKET AND CORD HOLDER	448914	—	—	—



NFPA 70E is a work practice; it is not a standard and does not specify any test methods. No products "meet" NFPA 70E—the user simply follows the practice of NFPA 70E. When it comes to head protection, NFPA 70E recommends that a user wear a Class E hard hat in order to follow this work practice.

## Thermalgard® Protective Caps

**Classification:** Type I

**Application:** General purpose; elevated temperature\*

**Shell Material:** Glass-reinforced Nylon

**Available Styles:** Slotted Cap

**Sizes:** Standard (6½ – 8")

**Standards:** ANSI/ISEA Z89.1-2009 (Class G); CSA Z94.1-2005 (Class G)

**Certification:** Third-party by SEI

**Customization:** Imprinting and striping available

**Replacement Suspensions:** See page 11

\* Thermalgard Caps can withstand radiant heat loads up to but not exceeding 350°F.



DESCRIPTION	w/1-Touch Suspension	w/Fas-Trac III Suspension
<b>THERMALGARD ASSEMBLIES</b>		
YELLOW	486964	486959
WHITE	486965	486960
RED	—	486961
ORANGE	486967	486962
BLUE	486968	486963
BRIGHT ORANGE	800359	800360
GREEN	487399	814343
STEEL GRAY	—	10095325

## Replacement Suspensions for MSA Safety Helmets

### MSA Fas-Trac® III Suspension

Ensuring your workforce wears their safety helmets can be a real headache. MSA, the leading provider of protective helmets, has the perfect remedy: the Fas-Trac III Suspension. No more pressure headaches. No more pulled hair. No more helmets falling off. No more sacrificing worker comfort for safety.

- ① Sweatband fully covers the headband and worker's forehead.
- ② Three levels of nape strap height adjustment for customized fit.
- ③ Lower nape strap cradles the head. Retention is greatly improved—even when bending over!
- ④ Smooth ratchet rotation and secure hold.

Learn how the Fas-Trac III Suspension can relieve your headaches. Visit [MSAsafety.com/FasTrac](http://MSAsafety.com/FasTrac).



HELMET TYPE (SIZE)	SUSPENSION TYPE (4-point, unless otherwise noted)				
	Fast-Trac III	Fas-Trac	1-Touch	Staz-On	Swing Ratchet*
V-GARD CAP OR HAT (STANDARD)	10148708	—	10061123	10087218	816645
V-GARD CAP (SMALL)	10148706	—	—	467386	—
V-GARD CAP (LARGE)	10148707	—	—	492566	—
V-GARD 500 VENTED OR NON-VENTED (STANDARD)	10148708 (4-point) 10153382 (6-point)	—	—	—	—
SMOOTHDOME CAP (STANDARD)	10148708 (4-point) 10153382 (6-point)	—	—	—	—
TOPGARD CAP OR HAT (STANDARD)	10153384	—	10061127	—	816648
THERMALGARD CAP (STANDARD)	10153384	—	—	—	—
SKULLGARD CAP OR HAT (STANDARD)	—	473334	10061128	454231	816654
SKULLGARD CAP (LARGE)	—	478454	—	468096	—
SUPER-V CAP (STANDARD)	—	818276	—	—	—
VANGUARD CAP (STANDARD)	—	804631	—	—	—
COMFO-CAP (STANDARD)	—	473334	10061128	454231	—

\* Swing ratchet size is 6½" through 7½"

The new **Fas-Trac III sweatband** accessory helps keep workers cool and dry.

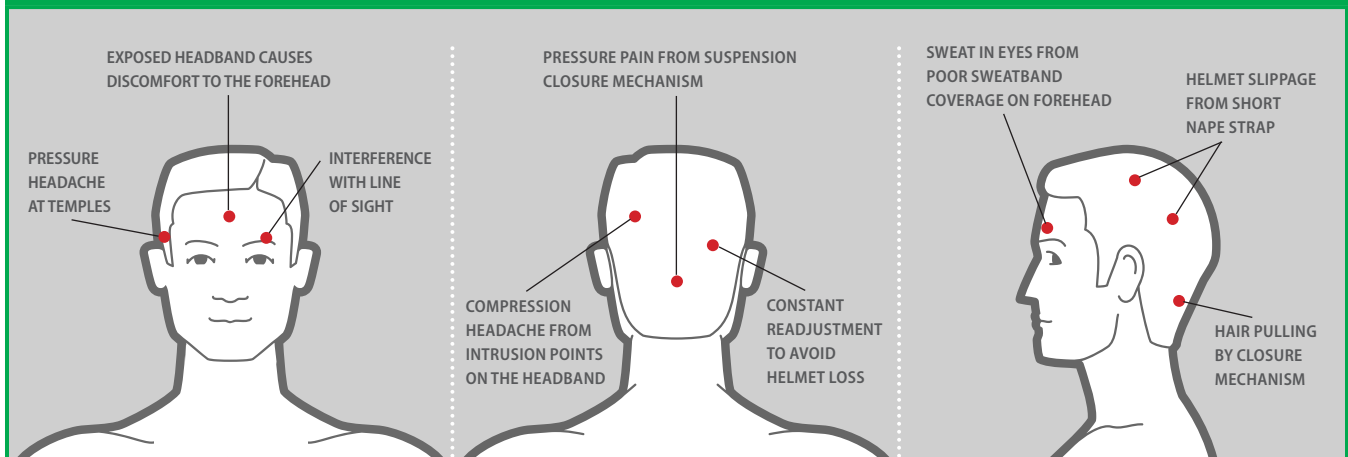
	Part No.	Product Specifics
FAS-TRAC III SWEATBAND ACCESSORY	10153518	<ul style="list-style-type: none"> <li>• For use with MSA Fas-Trac® III Suspension only</li> <li>• Moisture-wicking sweatband accessory</li> <li>• Can be attached/replaced while suspension is assembled in helmet</li> <li>• 10/package</li> </ul>

### ▲ WARNING

Use only the indicated MSA suspension in your MSA helmet. Do not mix suspension sizes and helmet sizes (i.e., putting a standard sized suspension in a large helmet or any other mismatched combination). Do not use competitor suspensions in MSA helmets. Inspect your suspension frequently. Suspensions should be replaced every 12 months, regardless of inspection results. Replace immediately (along with the helmet), if an impact has occurred. Failure to follow these instructions will reduce the energy absorbing ability of the protective helmet to receive impact, and could result in serious injury or death.



## WEARER PAIN POINTS ADDRESSED BY THE FAS-TRAC III SUSPENSION



For additional information on the Fas-Trac III Suspension, please visit our website at [MSASafety.com](http://MSASafety.com)

**KEYWORD: FasTrac.** You can also contact MSA Customer Service at 1-800-MSA-2222.

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.



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