# MONSTER.

**MOTION SAFETY** 

# WARNING WHIPS PRODUCT LINE CATALOG





In 1987 Checkers Safety Group® began with a simple vision: design and engineer the highest quality industrial safety products to provide effective safety solutions. That vision still drives Checkers today. With our product offerings of Cable/Hose Protection Systems, Wheel Chocks, Warning Whips, Warning and Safety Lights, and more, Checkers creates unique solutions for our customers. Having the opportunity to serve a diverse number of customers and markets for over 29 years has provided us the knowledge and insight to ensure every one of our customers' needs is satisfied. Through our commitment to innovation and excellence Checkers is poised to continue to serve as your leading global provider of industrial safety products.

Checkers Safety Group® is headquartered in Broomfield, Colorado, U.S.A. with another manufacturing and support facility located in Mesa, Arizona. Each of our products is proudly produced in the United States. We take pride in providing the highest quality product at the best possible price. Our products are sold worldwide into many diverse markets. Checkers is proud to serve you and we thank you for your business.



#### **OUR VISION**

A DYNAMIC GLOBAL TEAM DEDICATED TO PROTECTING LIVES, ASSETS AND THE ENVIRONMENT.

#### **MARKETS SERVED**

- Mining
- Oil and Gas
- Military
- Entertainment

- Power Generation
- Construction
- Utilities
- Manufacturing
- Material Handling
- Industrial
- Aviation
- Government

- Traffic Safety
- Automotive
- Landscaping
- Tree Care

#### CHECKERS IS A MEMBER OF & PROUDLY SUPPORTS THE FOLLOWING ASSOCIATIONS









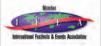
























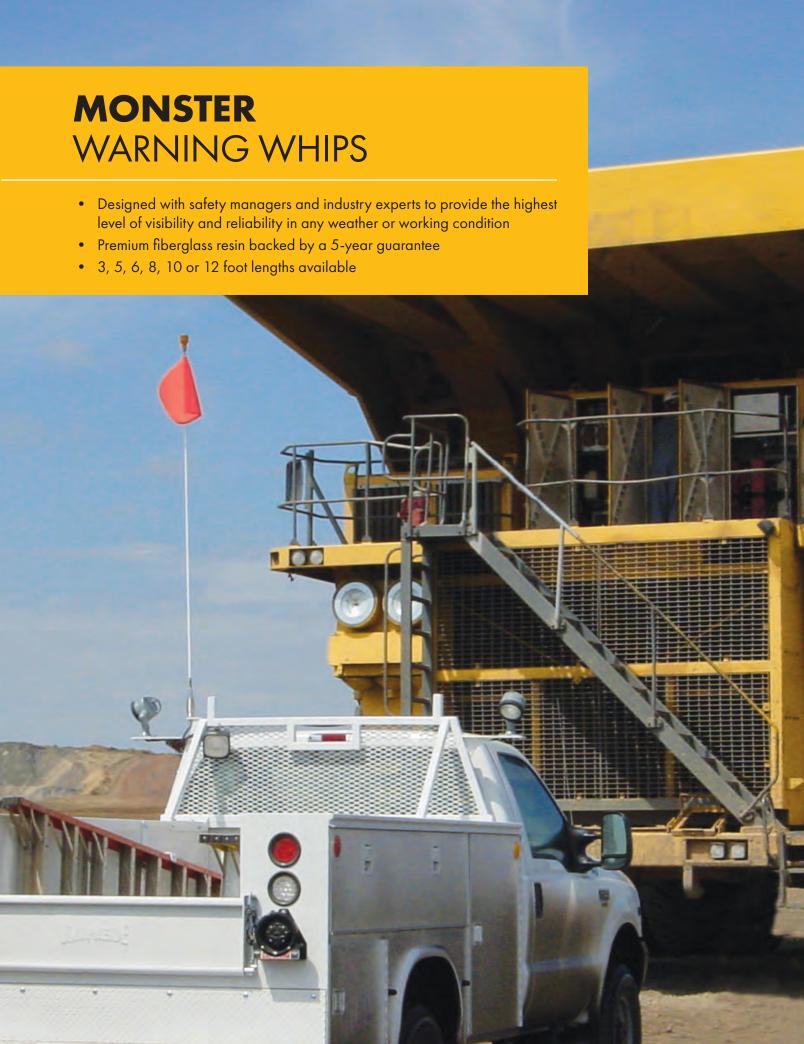














# INDUSTRIAL STRENGTH WARNING WHIPSTM

**THE BEST WHIPS AVAILABLE**. Monster Motion Safety<sup>TM</sup> continually works with safety managers and industry experts to design warning whip products and accessories that provide the highest level of visibility and reliability in any weather or working condition.

MONSTER INDUSTRIAL STRENGTH WARNING WHIPS<sup>TM</sup> are constructed with a premium fiberglass resin to ensure the highest performance in any condition. Available in 3, 5, 6, 8, 10 or 12 foot lengths, these whips include a threaded hex base for vehicle attachment and either a heavy duty Day Bright<sup>TM</sup> fluorescent orange,

green, or yellow flag to help identify vehicles, equipment, or important locations at work sites.

We offer a variety of base mounts, including Threaded Hex Base, Quick Disconnect Base and Lock Pin Base (only available on the telescoping pole). You have your choice of lighted or non-lighted whips, with various lighting and mounting options available as accessories. Monster Warning Whips™ are engineered to handle the harshest conditions at mines, construction sites, and other industrial applications.

#### LIGHTED WARNING WHIPS

#### **HEAVY DUTY WHIPS**

- Includes 18 in. pigtail, heavy duty Day Bright™ fluorescent nylon mesh flag with 3M® Scotchlite® reflective X, choice of lighting option, threaded hex base, and heavy duty spring mounting base
- High-quality power cable runs continuously from lamp through hex base
- Various flag color and lighting options
- · Highly durable and resistant whips

#### **ALL PURPOSE WHIPS**

- Includes two conductor waterproof hot plug with 12 in. pigtail, heavy duty Day Bright™ fluorescent nylon mesh flag with or without 3M® Scotchlite® reflective X, Rocket II Super Bright Waterproof LED light, and stainless steel threaded hex base
- · New waterproof LED light socket
- The strongest whip in the industry

#### **GENERAL PURPOSE WHIPS**

- Includes single conductor hot plug with 12 in. pigtail, heavy duty Day Bright<sup>TM</sup> fluorescent nylon mesh flag with or without 3M<sup>®</sup> Scotchlite<sup>®</sup> reflective X, fiberglass whip, lamp socket, and threaded hex base mount
- Heavy duty wiring reduces shorts caused by extreme temperatures
- Various flag color and lighting options
- Various models including quick disconnect base and telescoping poles

#### **NON-LIGHTED WARNING WHIPS**

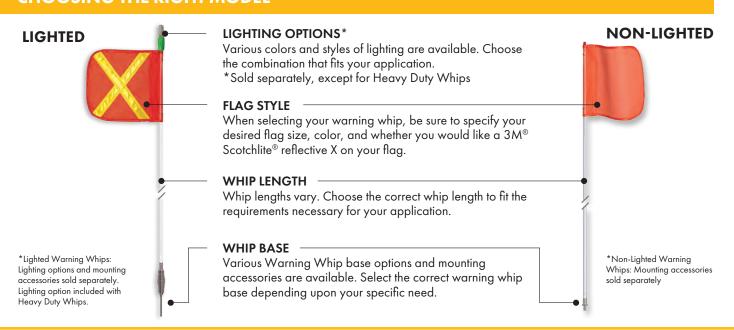
#### **GENERAL PURPOSE WHIPS**

- Includes heavy duty Day Bright<sup>TM</sup> fluorescent nylon mesh flag with or without 3M<sup>®</sup> Scotchlite<sup>®</sup> reflective X, fiberglass whip, and threaded hex base. Various flag colors available.
- · Various models including quick disconnect base & telescoping poles

#### **LIGHT DUTY WHIPS**

- Includes orange nylon-mesh flag, and 7-foot non-lighted fiberglass whip with threaded hex base mount
- Various whip colors available

#### **CHOOSING THE RIGHT MODEL**





#### ADVANTAGES OF USING MONSTER WARNING WHIPS™

- We manufacture the most popular warning whips in the highly-demanding mining industry
- Monster Warning Whips<sup>TM</sup> are assembled at company headquarters in Broomfield, Colorado
- Lighted and non-lighted whips available with a wide selection of lighting and mounting options
- Extensive product and accessory assortment allows for customization to meet your precise needs
- Manufactured with a premium fiberglass resin creating the strongest whip in the industry
- Premium fiberglass resin is coated with a 3-5 year finish preventing fiberbloom or exposed fiberglass slivers
- Includes heavy duty Day Bright<sup>TM</sup> fluorescent nylon mesh flag with 3M<sup>®</sup> Scotchlite<sup>®</sup> reflective X (available in orange, green and yellow)

#### MONSTER WARNING WHIPSTM REFERENCE GUIDE

#### LIGHTED WHIPS

















Type of Whip	Super Whip Heavy Duty Whip	All Purpose Waterproof Whip	Traditional Hex Base	Telescoping Pole	Quick Disconnect Base	Split Pole W/ Quick Disconnect Base
Lengths Available (ft.)	12, 10, 8, 6, 5, 3 ft.	12, 10, 8, 6, 5, 3 ft.	12, 10, 8, 6, 5, 3 ft.	21, 15, 13, 10, 8 ft.	12, 10, 8, 6, 5, 3 ft.	12, 10, 8 ft.
Page Number	Page 31	Page 32	Page 34	Page 38	Page 39	Page 39

#### **NON-LIGHTED WHIPS**









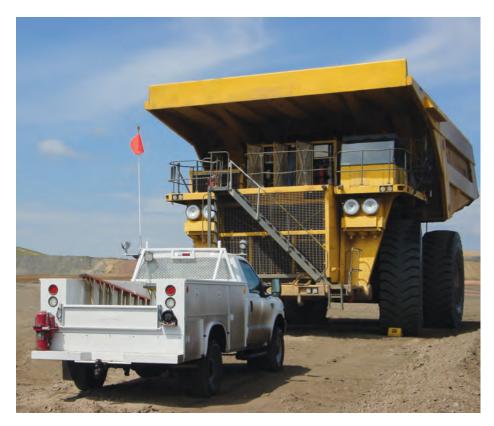






Type of Whip	Super Heavy Duty Whip	All Purpose Waterproof Whip	Traditional Hex Base	Telescoping Pole	Quick Disconnect Base	Split Pole W/ Quick Disconnect Base
Lengths Available (ft.)	12, 10, 8, 6, 5, 3 ft.	21, 15, 13, 10, 8 ft.	12, 10, 8, 6, 5, 3 ft.	12, 10, 8 ft.	7 ft.	12, 10, 8 ft.
Page Number	Page 31	Page 32	Page 40	Page 40	Page 41	Page 41









# SUPER WHIP HEAVY DUTY LIGHTED WARNING WHIPSTM

with stainless steel threaded mounting base

SUPER WHIP HEAVY DUTY LIGHTED WARNING WHIPS<sup>TM</sup> with stainless steel threaded mounting base are designed without a lamp socket connection to eliminate failures often caused by socket corrosion.

Super Whip Heavy Duty Lighted Warning Whips™ include a sealed electrical connection with 18 in. pigtail, premium fiberglass resin whip, Heavy Duty Day Bright™ Florescent orange flag with yellow 3M® Scotchlite® reflective X, and a ultra heavy duty spring mount. These whips are wired with a high quality power cable that is integrated directly into the whips, which eliminates potential breaks to the internal wires. They also include a polyolefin heat-shrink tubing to contain the fiberglass and prevent personal injury from fiberglass deterioration or fractures in the fiberglass whip. Super Whip Heavy Duty Lighted Warning Whips™ are engineered with a cold temperature rating of -75° C/-103° F.

Super Whip Heavy Duty Lighted Warning Whips<sup>TM</sup> are available in 3, 5, 6, 8, 10 or 12 foot lengths and come with a solid amber 12 LED light and a 12 in.  $\times$  11 in. orange nylon mesh flag with a yellow  $3M^{\odot}$  Scotchlite<sup> $\odot$ </sup> reflective X.

- 3, 5, 6, 8, 10 or 12 foot lengths
- Includes heavy duty spring mount
- Heavy Duty Day Bright<sup>TM</sup> Florescent orange nylon mesh flag with yellow 3M<sup>®</sup> Scotchlite<sup>®</sup> reflective X
- Whip constructed of premium fiberglass resin
- · High-quality continuous power cable from light to base

#### Model Numbers For Super Whip Heavy Duty Lighted Warning Whips™

(Includes Chrome Plated Heavy Duty Spring Mount With 18 in. Pigtail, Flag, 12 Led Amber Light)

Type of Flag		12" x 11" w/x			
	12 ft.	SW 12			
£	10 ft.	SW10			
eng	8 ft.	SW8			
Pole Length	6 ft.	SW6			
P	5 ft.	SW5			
	3 ft.	SW3			
STANDARD FLAG COLOR: 12 IN. X 11 IN. ORANGE					

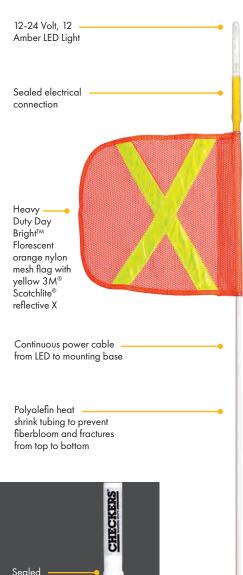
















# ALL-PURPOSE LIGHTED WARNING WHIPS™ WITH PIGTAIL

featuring waterproof sealed lamp socket, hex base, and spring mount with continuous pigtail

ALL-PURPOSE LIGHTED WARNING WHIPS<sup>TM</sup> WITH PIGTAIL are constructed from a premium fiberglass resin (available in 3, 5, 6, 8, 10 or 12 foot lengths) and includes a heavy duty Day Bright<sup>TM</sup> fluorescent nylon mesh flag with 3M<sup>®</sup> Scotchlite<sup>®</sup> reflective X in orange, green or yellow, and threaded ultra heavy duty spring mount for vehicle attachment. Various interchangeable lights are available as options. Delivered fully assembled and ready for installation.

To prevent deterioration, a weather-resistant, polyolefin heat-shrink tubing is used to seal the interchangeable lamp socket to prevent moisture, chemicals, and debris from contacting electrical connectors. The hex base is also sealed to provide additional protection.

For improved durability, All-Purpose Lighted Warning Whips<sup>TM</sup> With Pigtail feature a high quality, continuous power cable that extends from the lamp through the hex base and heavy duty spring mount. This eliminates pinched wires, multiple solder joints, and hot plug power connections - all of which can cause failure due to corrosion. The custom designed power cable is molded into the whip and consists of 2 conductors, 20 AWG, 19 x 32 strand, triple-coated thermoplastic elastomer (TPE) insulation and features a cold temperature rating of -75° C/-103° F.

All-Purpose Warning Whips™ have a 5-year guarantee against fiberglass deterioration known as fiberbloom or exposed fiberglass slivers.

- 3, 5, 6, 8, 10 or 12 foot lengths available
- Sealed connections prevent corrosion & deterioration
- Interchangeable light options
- Premium fiberglass resin backed by a 5-year guarantee not to fiberbloom or expose fiberglass slivers
- -75° C/-103° F temperature rating of power cable





Formerly Gorilla Warning Whips

#### BUILD YOUR OWN ALL-PURPOSE LIGHTED WARNING WHIP™ **WITH PIGTAIL**

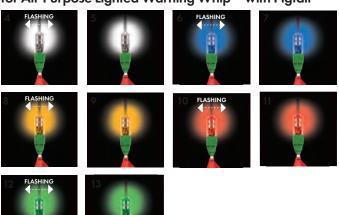
To build your own ALL-PURPOSE LIGHTED WARNING WHIPS™ WITH PIGTAIL, create a custom part number by selecting one code from each column below and transfer that code to the black lines below the arrows.

	A: Whip Length	B: Flag Size	C: Flag Color	D: Reflexite X Color	E: Lighting Options	F: Base Type
	3 5 6 8 10 12	12 16 NF	0 ტ ≻ -	≥ ≻ Z	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Pigtail
PART   AP	<b>↓</b>	<del>_</del>	<b>↓</b>	<del>-</del>		PT

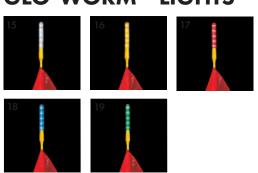


# **ROCKET SUPER BRIGHT LED LIGHTS**

for All-Purpose Lighted Warning Whip™ with Pigtail







A: Whip Length	3, 5, 6, 8, 10, or 12 ft. Whip
B: Flag Size	12 = 12 in. x 11 in. 16 = 16 in. x 16 in. NF = No Flag
C: Flag Color	O = Orange G = Green Y = Yellow
D: Reflexite X Color	W = White Reflective X Y = Yellow Reflective X N = No X
E: Lighting Options	4 = White Flashing LED 5 = White LED 6 = Blue Flashing LED 7 = Blue LED 8 = Amber Flashing LED 9 = Amber LED 10 = Red Flashing LED 11 = Red LED 12 = Green Flashing LED 13 = Green LED 15 = White Glo-Worm 16 = Amber Glo-Worm 17 = Red Glo-Worm 18 = Blue Glo-Worm 19 = Green Glo-Worm
F: Base Type	PT = PIGTAIL



ALL-PURPOSE LIGHTED WARNING WHIPSTM
WITH RCA PLUG

featuring waterproof sealed lamp socket, hex base, and RCA with spring mount option

ALL-PURPOSE LIGHTED WARNING WHIPS<sup>TM</sup> WITH RCA PLUG feature stainless steel components sets the new standard for weather resistance in any working conditions. With multiple patent-pending features, these whips are ideal for extreme weather conditions such as coastal areas, corrosive environments, salt mines, and areas with high humidity.

- 3, 5, 6, 8, 10 or 12 foot lengths available
- Rocket II Super Bright Waterproof LED Lights are up to 10 times brighter than competing brands
- Multiple patent-pending features
- · Most weather-resistant whip on the market
- -75° C/-103° F temperature rating of power cable
- Includes a two conductor waterproof hot plug with 12 in.
  pigtail, heavy duty Day Bright™ fluorescent nylon mesh
  flag with or without 3M® Scotchlite® reflective X, New Rocket II
  Super Bright Waterproof LED light
- Patent-pending waterproof LED light socket
- Rocket II Super Bright Waterproof LED comes standard with 9 changeable light modes, 7 flash patterns and steady on or off, which provides a "one light fits all" solution
- Premium fiberglass resin creates the strongest whip in the industry
- Improved, patent-pending internal ground connection that helps eliminate power failures
- Patent-pending waterproof hot plug connection with two conductor 12 in. pigtail
- Internal wire is industrial grade and meets Military Spec MIL-W-16878
- Optional stainless steel, powered spring mount available
- Can withstand 12-24 Volts

Features stainless steel components. Ideal for extreme weather conditions such as coastal areas, corrosive environments, salt mines, and areas with high humidity.

For accessories, replacement parts and lighting options, see pages 43-47.





## BUILD YOUR OWN ALL-PURPOSE LIGHTED WARNING WHIPTM WITH RCA PLUG

To build your own ALL-PURPOSE LIGHTED WARNING WHIP™ WITH RCA PLUG, create a custom part number by selecting one code from each column below and transfer that code to the black lines below the arrows.

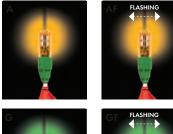
A: Whip Length	B: Flag Size	C: Flag Color	D: Reflexite X Color	E: LED Light Color	F: Number of LEDs	G: Spring Option
3 5 6 8 10 12	12 16	O G Y	<b>∀</b>	A AF B BF G GF RF WF	4	SS
<b>\</b>	<b>\</b>	<b>\</b>	<b>\</b>	<b>\</b>	<b>\</b>	<b>V</b>

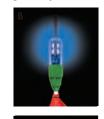


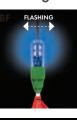


#### **ROCKET II SUPER BRIGHT LED WHIP LIGHTS**

for All-Purpose Lighted Warning Whips™ with RCA Plug









F: Number of LEDs



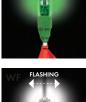
3, 5, 6, 8, 10, or 12 ft. Whip

GF = Green Flashing LED

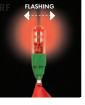
R = Red LEDRF = Red Flashing LED W = White LED WF = White Flashing LED

Set of 4 LEDs



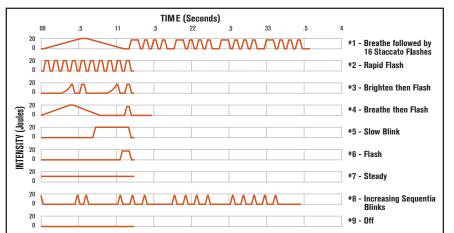






W	FLASHIN
	Y

#### FLASH PATTERNS FOR ROCKET II SUPER BRIGHT LED WHIP LIGHTS





Light patterns are easy to program with remote control (Part #FLREMOTE).



# ALL-PURPOSE LED WRAPPED LIGHTED

WARNING WHIPS™

featuring LED wrapped whip, waterproof sealed lamp socket, hex base, and RCA with spring mount option

ALL-PURPOSE LED WRAPPED LIGHTED WARNING WHIPS™ with stainless steel components sets the new standard for high visibility performance in any working conditions. With multiple patent-pending features, these whips are ideal for applications such as mining, industrial, oil and gas, and off road vehicles such as ATV's.

- LED-wrapped whip covered with clear heat-shrink
- 3, 5, 6, 8 or 10 foot lengths available
- Rocket II Super Bright Waterproof LED Lights are up to 10 times brighter than competing brands
- Most weather-resistant whip on the market
- -75° C/-103° F temperature rating of power cable
- Whip wrapped with LED lights and covered with clear heat shrink for water-resistant protection
- LED's come in white, amber or blue
- Includes a two conductor waterproof hot plug with 12 in. pigtail, heavy duty Day Bright™ fluorescent nylon mesh flag with or without 3M® Scotchlite® reflective X, New Rocket II Super Bright Waterproof LED light
- New patent-pending waterproof LED light socket
- Rocket II Super Bright Waterproof LED comes standard with 9 changeable light modes, 7 flash patterns and steady on or off, which provides a "one light fits all" solution
- Premium fiberglass resin creates the industry's strongest whip
- Improved, patent-pending internal ground connection that helps eliminate power failures
- Patent-pending waterproof hot plug connection with two conductor 12 in. pigtail
- Optional stainless steel, powered spring mount available
- Can withstand 12 Volts
- Features stainless steel components
- Increased night visibility







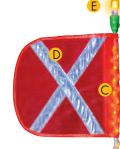
LED WRAPPED WHIP

For accessories, replacement parts and lighting options, see pages 43-48.

## **BUILD YOUR OWN ALL-PURPOSE LED WRAPPED LIGHTED** WARNING WHIP™

To build your own ALL-PURPOSE LED WRAPPED LIGHTED WARNING WHIP™, create a custom part number by selecting one code from each column below and transfer that code to the black lines below the arrows.

A: Whip Light Wrap Color	B: Whip Length	C: Flag Color	D: Reflexite X Color	E: LED Light Color	F: Spring Option
A W B	3 5 6 8 10	O G Y	W Y	A AF B BF G GF R RF W WF	SS (Leave blank if you do not want the Spring mount)
<b>\</b>	<b>V</b>	<b>\</b>	<b>\</b>	<b>\</b>	<b>\</b>



NUMBER | FSLED

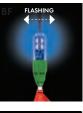
#### **ROCKET II SUPER BRIGHT LED WHIP LIGHTS**

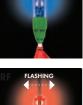
for All-Purpose LED Wraped Lighted Warning Whips™

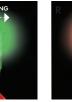


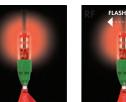








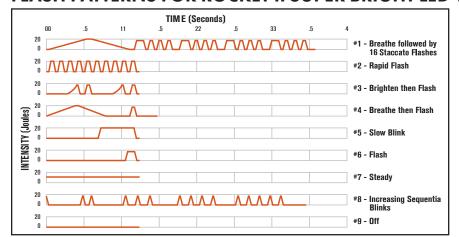




A: Whip Light Wrap Color	A = Amber W = White B = Blue
B: Whip Length	3, 5, 6, 8, or 10 ft. Whip
C: Flag Color	O = Orange G = Green Y = Yellow
D: Reflexite X Color	W = White Reflective X Y = Yellow Reflective X
E: LED Light Colors	A = Amber LED  AF = Amber Flashing LED  B = Blue LED  BF = Blue Flashing LED  G = Green LED  GF = Green Flashing LED  R = Red LED  RF = Red Flashing LED  W = White LED  WF = White Flashing LED
F: Spring Options	Only put SS in the part number if you are ordering with a Stainless



#### FLASH PATTERNS FOR ROCKET II SUPER BRIGHT LED WHIP LIGHTS





Steel Spring Mount

Light patterns are easy to program with remote control (Part #FLREMOTE).



# THREADED HEX BASE GENERAL PURPOSE LIGHTED SAFETY WHIPS

MONSTER GENERAL PURPOSE LIGHTED SAFETY WHIPS WITH THREADED HEX BASE include a hot plug with 12 in. pigtail, heavy duty Day Bright™ fluorescent nylon mesh flag with or without 3M® Scotchlite® reflective X, premium fiberglass resin whip, and your choice of base mount. The heavy duty wiring in these whips helps to reduce shorts caused by extreme temperatures and conditions. Individual lights must be bought separately. Threaded Hex Base Warning Whips are available in 3, 5, 6, 8, 10 or 12 foot lengths and your choice of an orange, green, or yellow flag.

- 3, 5, 6, 8, 10 or 12 foot lengths
- Hot plug with 12 in. pigtail
- Wide variety of lighting options
- Orange, green or yellow heavy duty Day Bright<sup>TM</sup> fluorescent nylon mesh flag with or without X
- Whip constructed from premium fiberglass resin

For accessories, replacement parts and lighting options, see pages 43-47.

#### Model Numbers For Threaded Hex Base Lighted Whips

Includes Mounting Base, Lamp Socket and Hot Plug with 12 in. Pigtail

Ty <sub>l</sub>	pe Flag	12"x 11"	12" x 11" w/x	16" x 16"	16" x 16" w/x	Triangle	No Flag
	12 ft.	FS12L*	FS 12XL*	FS12L-16*	FS 12XL-16*	FS12L-T*	FS12L-NF
_ ا	10 ft.	FS10L*	FS10XL*	FS10L-16*	FS10XL-16*	FS10L-T*	FS10L-NF
Length	8 ft.	FS8L*	FS8XL*	FS8L-16*	FS8XL-16*	FS8L-T*	FS8L-NF
e Le	6 ft.	FS6L*	FS6XL*	FS6L-16*	FS6XL-16*	FS6L-T*	FS6L-NF
Pole	5 ft.	FS5L*	FS5XL*	FS5L-16*	FS5XL-16*	FS5L-T*	FS5L-NF
	3 ft.	FS3L*	FS3XL*	FS3L-16*	FS3XL-16*	FS3L-T*	FS3L-NF
	*CDE	CIEV EL AC. CO	OLOD AETED	MODEL NITM	BED: ○=○range	G=Groop V	-Vallaur

# **TELESCOPING POLE GENERAL PURPOSE** LIGHTED SAFETY WHIPS

MONSTER GENERAL PURPOSE LIGHTED SAFETY WHIPS WITH TELESCOPING POLE are adjustable length whips that extend to 8, 10, 13, 15, and 21 feet. These whips are divided into sections that are connected by Cam-Locks. To adjust the whip length, simply flip the handle up on the Cam-Lock to loosen, extend the section(s) to desired length, and then flip down the handle on the cam-lock to tighten. This easy-to-use systems allows you to quickly remove a whip and break it down into a manageable size that can be easily stored in a vehicle.

With a high-visibility flag and light, these warning whips provide easy identification of other vehicles, equipment, and important sites in your area. Telescoping pole whips feature a painted white fiberglass pole that protects against fiber bloom and a heavy duty Day Bright™ fluorescent nylon mesh flag with a 3M® Scotchlite® reflective X. This system requires a Hitch Mount or Flat Mount for vehicle attachment. Lighted models feature lamp socket, a superior coiled wire that easily extends and retracts without pinching or binding, and a water-resistant, easylock hot plug with 12 in. pigtail for power connection.

- 8, 10, 13, 15 or 21 foot lengths
- Water resistant, easy-lock, hot plug with 12 in. pigtail
- Adjusts quickly with cam-locks
- Coiled wire extends and retracts without binding
- Whip constructed with premium fiberglass resin
- · Comes with orange flag with white reflective X

#### Model Numbers For Telescoping Pole Lighted Whips

Includes Coiled Wire Power Cord, Heavy Duty Easy-Lock Hot Plug and 12 in. Pigtail

		Model	Description			
	21 ft.	TPCWHP21XL-16-O	21 ft. Pole Collapsed Length: 118 in.			
Length	15 ft.	TPCWHP15XL-16-O	15 ft. Pole Collapsed Length: 94 in.			
le Lei	13 ft.	TPCWHP13XL-16-O	13 ft. Pole Collapsed Length: 92 in.			
Pole	10 ft.	TPCWHP10XL-16-O	10 ft. Pole Collapsed Length: 77 in.			
	8 ft.	TPCWHP8XL-16-O	8 ft. Pole Collapsed Length: 62 in.			
	FLAC COMEC STANDARD MAITH 17 IN V 17 IN CRANCE FLAC					

FLAG COMES STANDARD WITH 16 IN. X 16 IN. ORANGE FLAG AND WHITE 3M® SCOTCHLITE® REFLECTIVE X



For accessories, replacement parts and lighting options, see pages 43-47.



QUICK DISCONNECT BASE GENERAL PURPOSE LIGHTED SAFETY WHIPS

MONSTER GENERAL PURPOSE LIGHTED SAFETY WHIPS WITH QUICK DISCONNECT BASE include a heavy duty Day Bright™ fluorescent nylon mesh flag with or without 3M® Scotchlite® reflective X, premium fiberglass resin whip, and male disconnect base (female base must be purchased separately). Heavy duty wiring helps reduce shorts caused by extreme conditions. Individual lights must be bought separately.

- 3, 5, 6, 8, 10 or 12 foot lengths
- Quickly attach or detach from vehicle
- Wide variety of lighting options
- · Choose from heavy duty orange, green or yellow flag
- · Whip constructed of premium fiberglass resin
- Quick Disconnect Base has stainless steel components

For accessories, replacement parts and lighting options, see pages 43-47.

#### Model Numbers For Quick Disconnect Base Lighted Whips

Includes Male Quick Disconnect Mounting Base, Lamp Socket and Hot Plug with 12 in. Pigtail (Female quick disconnect base mount must be purchased separately.)

Ty <sub>l</sub>	oe Flag	12"x 11"	12" x 11" w/x	16" x 16"	16" x 16" w/x	No Flag
	12 ft.	FS12L-QD*	FS12XL-QD*	FS12L-16-QD*	FS12XL-16-QD*	FS 12L-QD-NF
£	10 ft.	FS10L-QD*	FS10XL-QD*	FS10L-16-QD*	FS10XL-16-QD*	FS10L-QD-NF
Length	8 ft.	FS8L-QD*	FS8XL-QD*	FS8L-16-QD*	FS8XL-16-QD*	FS8L-QD-NF
Pole L	6 ft.	FS6L-QD*	FS6XL-QD*	FS6L-16-QD*	FS6XL-16-QD*	FS6L-QD-NF
P	5 ft.	FS5L-QD*	FS5XL-QD*	FS5L-16-QD*	FS5XL-16-QD*	FS5L-QD-NF
	3 ft.	FS3L-QD*	FS3XL-QD*	FS3L-16-QD*	FS3XL-16-QD*	FS3L-QD-NF
	* SDECII	EX ELAG COL	OP AFTER MO	DEL NIIMBED:	)=Orange G=Gree	n Y=Yellow

# SPLIT POLE AND QUICK DISCONNECT BASE GENERAL PURPOSE LIGHTED SAFETY WHIPS

MONSTER GENERAL PURPOSE SPLIT POLE LIGHTED SAFETY WHIPS have a Quick Disconnect connection in the center so they can be broken down into smaller pieces for storage in a toolbox, trunk or truck. Bottom half has a Male Quick Disconnect for quick vehicle detachment, when paired with a Female Quick Disconnect Base Mount or Hitch Mount (must be purchased separately). Lights must be bought separately. Available in 8, 10 or 12 foot lengths and your choice of an orange, green, or yellow flag.

- 8, 10 or 12 foot lengths
- · Quickly attach or detach from vehicle
- Easily breaks down into smaller sections
- Choose from heavy duty orange, green or yellow flag
- Wide variety of lighting options
- Whip constructed of premium fiberglass resin

#### Model Numbers For Split Pole Base Lighted Whips

Includes Male Quick Disconnect Mounting Base, Lamp Socket and Hot Plug with 12 in. Pigtail (Female quick disconnect base mount must be purchased separately.

Typ	pe Flag	12"x 11"	12" x 11" w/x	16" x 16"	16" x 16" w/x	No Flag	
Length	12 ft.	FS12L-SPQD*	FS 12XL-SPQD*	FS 12L-16-SPQD*	FS 12XL-16-SPQD*	FS 12L-SPQD-NF	
	10 ft.	FS10L-SPQD*	FS10XL-SPQD*	FS10L-16-SPQD*	FS10XL-16-SPQD*	FS10L-SPQD-NF	
Pole	8 ft.	FS8L-SPQD*	FS8XL-SPQD*	FS8L-16-SPQD*	FS8XL-16-SPQD*	fs8l-spqd-nf	
	*SPECIFY FLAG COLOR AFTER MODEL NUMBER: O=Orange, G=Green, Y=Yellow						

For accessories, replacement parts and lighting options, see pages 43-47.





# THREADED HEX BASE GENERAL PURPOSE NON-LIGHTED SAFETY WHIPS

MONSTER GENERAL PURPOSE NON-LIGHTED SAFETY WHIPS WITH THREADED HEX BASE include a heavy duty Day Bright™ fluorescent nylon mesh flag with or without 3M® Scotchlite® reflective X, premium fiberglass resin whip, and your choice of base mount. Threaded Hex Base Warning Whips are available in 3, 5, 6, 8, 10 or 12 foot lengths and your choice of an orange, green, or yellow flag.

- 3, 5, 6, 8, 10, or 12 foot lengths
- Heavy duty Day Bright<sup>™</sup> fluorescent nylon mesh flag with or without 3M® Scotchlite® reflective X
- Flags available in orange, green or yellow
- Whip constructed of premium fiberglass resin
- Hitch mount available

For accessories, replacement parts and lighting options, see pages 43-47.

#### Model Numbers or Threaded Hex Base Non-Lighted Whips

Includes Mounting Base and Flag

Ty <sub>l</sub>	pe Flag	12"x 11"	12" x 11" W/x	16" x 16"	16" x 16" w/x	Triangle	No Flag
	12 ft.	FS12*	FS 12X*	FS12-16*	FS12X-16*	FS12-T*	FS12-NF
_ ا	10 ft.	FS10*	FS10X*	FS10-16*	FS10X-16*	FS10-T*	FS10-NF
Length	8 ft.	FS8*	FS8X*	FS8-16*	FS8X-16*	FS8-T*	FS8-NF
e Le	6 ft.	FS6*	FS6X*	FS6-16*	FS6X-16*	FS6-T*	FS6-NF
Pole	5 ft.	FS5*	FS5X*	FS5-16*	FS5X-16*	FS5-T*	FS5-NF
	3 ft.	FS3*	FS3X*	FS3-16*	FS3X-16*	FS3-T*	FS3-NF
	*SPECIFY FLAG COLOR AFTER MODEL NUMBER: O=Orange, G=Green, V=Vellow						

# TELESCOPING POLE GENERAL PURPOSE **NON-LIGHTED SAFETY WHIPS**

MONSTER GENERAL PURPOSE NON-LIGHTED SAFETY WHIPS WITH TELESCOPING POLE are adjustable length whips that extend to 8, 10, 13, 15 and 21 feet. These whips are divided into sections that are connected by cam-Locks. To adjust the whip length, simply flip the handle up on the cam-lock to loosen, extend the section(s) to desired length, and then flip down the handle on the cam-lock to tighten. This easyto-use systems allows you to quickly remove a whip and break it down into a manageable size that can be easily stored in a vehicle.

With a high-visibility flag, these warning whips provide easy identification of other vehicles, equipment, and important sites in your area. Telescoping pole whips feature a painted white fiberalass pole that protects against fiber bloom and a heavy duty Day Bright™ fluorescent nylon mesh flag with a 3M® Scotchlite® reflective X. This system requires a Hitch Mount for vehicle attachment.

- 8, 10, 13, 15 or 21 foot lengths
- Tallest flag in the All-Purpose® line
- Adjusts quickly with cam-locks
- Heavy duty orange Day Bright<sup>TM</sup> fluorescent nylon mesh flag with 3M® Scotchlite® reflective X
- Whip constructed of premium fiberglass resin

# Model Numbers For Telescoping Pole Non-Lighted Whips

Includes Orange Flag with White Reflexite X

		Model	Description
	21 ft.	TP21X-16-O	21 ft. Pole Collapsed Length: 118 in.
Length	15 ft.	TP15X-16-O	15 ft. Pole Collapsed Length: 9 in.
	13 ft.	TP13X-16-O	13 ft. Pole Collapsed Length: 92 in.
Pole	10 ft.	TP10X-16-O	10 ft. Pole Collapsed Length: 77 in.
	8 ft.	TP8X-16-O	8 ft. Pole Collapsed Length: 62 in.

FLAG COMES STANDARD WITH 16 IN. X 16 IN. ORANGE FLAG AND WHITE 3M® SCOTCHLITE® REFLECTIVE X



For accessories, replacement parts and lighting options, see pages 43-47.



# QUICK DISCONNECT BASE GENERAL PURPOSE NON-LIGHTED SAFETY WHIPS

MONSTER GENERAL PURPOSE NON-LIGHTED SAFETY WHIPS WITH QUICK DISCONNECT BASE include a heavy duty Day Bright™ fluorescent nylon mesh flag with or without 3M® Scotchlite® reflective X, premium fiberglass resin whip, and male disconnect base (female base must be purchased separately). Available in 3, 5, 6, 8, 10 or 12 foot lengths and your choice of an orange, green, or yellow flag.

- 3, 5, 6, 8, 10 or 12 foot lengths
- Quickly attach or detach from vehicle
- Includes Debris Cap to keep unconnected base clean
- · Choose from heavy duty orange, green or yellow flag
- Whip constructed of premium fiberalass resin
- Quick Disconnect Base has stainless steel components

For accessories, replacement parts and lighting options, see pages 43-47.

#### Model Numbers For Quick Disconnect Base Non-Lighted Whips

Includes Male Quick Disconnect Mounting Base

(Female quick disconnect base mount must be purchased separately.)

Typ	oe Flag	12"x 11"	12" x 11" w/x	16" x 16"	16" x 16" w/x	No Flag	
	12 ft.	FS12-QD*	FS12X-QD*	FS12-16-QD*	FS12X-16-QD*	FS 12-QD-NF	
٩	10 ft.	FS10-QD*	FS10X-QD*	FS10-16-QD*	FS10X-16-QD*	FS10-QD-NF	
Length	8 ft.	FS8-QD*	FS8X-QD*	FS8-16-QD*	FS8X-16-QD*	FS8-QD-NF	
Pole L	6 ft.	FS6-QD*	FS6X-QD*	FS6-16-QD*	FS6X-16-QD*	FS6-QD-NF	
P	5 ft.	FS5-QD*	FS5X-QD*	FS5-16-QD*	FS5X-16-QD*	FS5-QD-NF	
	3 ft.	FS3-QD*	FS3X-QD*	FS3-16-QD*	FS3X-16-QD*	FS3-QD-NF	
	*SPECIFY FLAG COLOR AFTER MODEL NUMBER: O=Orange G=Green Y=Yellow						

SPLIT POLE AND QUICK DISCONNECT BASE GENERAL PURPOSE NON-LIGHTED SAFETY WHIPS

MONSTER GENERAL PURPOSE SPLIT POLE LIGHTED SAFETY WHIPS have a Quick Disconnect connection in the center so they can be broken down into smaller pieces for storage in a toolbox, trunk or truck. Bottom half has a Male Quick Disconnect for quick vehicle detachment, when paired with a Female Quick Disconnect Base Mount or Hitch Mount (must be purchased separately). Available in 8, 10 or 12 foot lengths and your choice of an orange, green, or yellow flag.

- 8, 10 or 12 foot lengths
- · Quickly attach or detach from vehicle
- Easily breaks down into smaller sections
- Choose from heavy duty orange, green or yellow flag
- Whip constructed of premium fiberglass resin
- Hitch mounts available

#### Model Numbers For Split Pole Base Non-Lighted Whips

Includes Male Quick Disconnect Mounting Base

(Female quick disconnect base mount must be purchased separately.)

Ty <sub>l</sub>	oe Flag	12"x 11"	12" x 11" w/x	16" x 16"	16" x 16" w/x	No Flag	
Length	12 ft.	FS12-SPQD*	FS 12X-SPQD*	FS12-16-SPQD*	FS 12X-16-SPQD*	FS 12-SPQD-NF	
	10 ft.	FS10-SPQD*	FS10X-SPQD*	FS10-16-SPQD*	FS10X-16-SPQD*	FS10-SPQD-NF	
Pole	8 ft.	FS8-SPQD*	FS8X-SPQD*	FS8-16-SPQD*	FS8X-16-SPQD*	fs8-spqd-nf	
	*SPECIFY FLAG COLOR AFTER MODEL NUMBER: O=Orange, G=Green, Y=Yellow						

For accessories, replacement parts and lighting options, see pages 43-47.





# **LIGHT DUTY WARNING WHIPS**

for recreational and light duty applications

LIGHT DUTY WARNING WHIPS include a non-lighted, 7-foot flexible fiberglass whip with an orange flag and threaded hex base mount. Light duty whips are ideal for recreational equipment, and also make great markers for points of interest or caution.



- Seven whip colors to choose from
- Durable nylon-mesh orange flag
- Includes threaded hex mounting base



Model	Color	Description
FSRR7B-HB	BLACK	7 ft. Whip with Flag and Threaded Hex Mounting Base
FSRR7BLU-HB	BLUE	7 ft. Whip with Flag and Threaded Hex Mounting Base
FSRR7G-HB	GREEN	7 ft. Whip with Flag and Threaded Hex Mounting Base
FSRR7O-HB	ORANGE	7 ft. Whip with Flag and Threaded Hex Mounting Base
FSRR7R-HB	RED	7 ft. Whip with Flag and Threaded Hex Mounting Base
FSRR7W-HB	☐ WHITE	7 ft. Whip with Flag and Threaded Hex Mounting Base
FSRR7Y-HB	YELLOW	7 ft. Whip with Flag and Threaded Hex Mounting Base

For accessories, replacement parts and lighting options, see pages 43-47.







# WARNING WHIP REPLACEMENT LIGHTS

for General Purpose Lighted Safety Whips with an 1156 Socket

MONSTER LIGHTED WARNING WHIPS™ are available in different lighting options: LED Rocket, LED Glo-Worm™ and Traditional Lens Kits. These lighting options are easy to connect and available in five different color options: Amber, Green, Red, Blue and White. Each lighting option works with any Monster Lighted Warning Whip™ with an 1156 socket.

One of the benefits to using Monster Lighted Warning Whips™ is the ease of changing lighting options. In a matter of minutes you can alter a whip to fit any need that arises for a vehicle.

#### **EASY-TO-INSTALL INTERCHANGEABLE LAMPS**

Monster Lighted Whips feature interchangeable LED lights so there is no need to return your whips to the factory for replacement. To replace a light, simply:

- 1. Slit the heat-shrink tubing
- 2. Remove the old light
- 3. Install the new light
- 4. Reseal with new heat-shrink tubing (included with all new lights)



## GLO-WORM<sup>TM</sup> LIGHTS for General Purpose Lighted Safety Whips with an 1156 Socket

#### OPTIONS WITH HEAT-SHRINK TUBING FOR GENERAL PURPOSE LIGHTED SAFETY WHIPS WITH AN 1156 SOCKET











GSLED12-6-G

Model	Color	Volts	Amps	Description
GSLED 12-6-W		12	.13	Glo-Worm LED Light, 6 in. Length
GSLED 12-6-A		12	.13	Glo-Worm LED Light, 6 in. Length
GSLED 12-6-R		12	.13	Glo-Worm LED Light, 6 in. Length
GSLED 12-6-B		12	.13	Glo-Worm LED Light, 6 in. Length
GSLED 12-6-G		12	.13	Glo-Worm LED Light, 6 in. Length

#### OPTIONS WITHOUT HEAT-SHRINK TUBING









FSIFD12-6-B



FSIFD12-6-G

Model	Color	Volts	Amps	Description
FSLED12-6-W		12	.13	Glo-Worm LED Light, 6 in. Length
FSLED12-6-A		12	.13	Glo-Worm LED Light, 6 in. Length
FSLED12-6-R		12	.13	Glo-Worm LED Light, 6 in. Length
FSLED12-6-B		12	.13	Glo-Worm LED Light, 6 in. Length
FSLED12-6-G		12	.13	Glo-Worm LED Light, 6 in. Length

**Amps** 

.65

#### TRADITIONAL LENS KIT for General Purpose Lighted Whips

(Includes lens, chrome lens cap and 12 Volt Lamp)

Description

Traditional High-Impact Plastic Lens

Kit with Lens Cap and Lamp









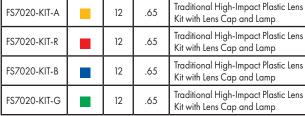






Model

FS7020-KIT-W



Volts

12

Color

KIT COMPONENTS (All Included)





CHROME LENS CAL

LAMP, 12 VOLT (1156)



# ACCESSORIES & REPLACEMENT PARTS for warning whips

One of the benefits to using Monster Warning Whips is having the ability to use our wide variety of mounting options that accommodate almost any need you may have. We also offer a full selection of replacement parts.

#### **SPRING MOUNTS**

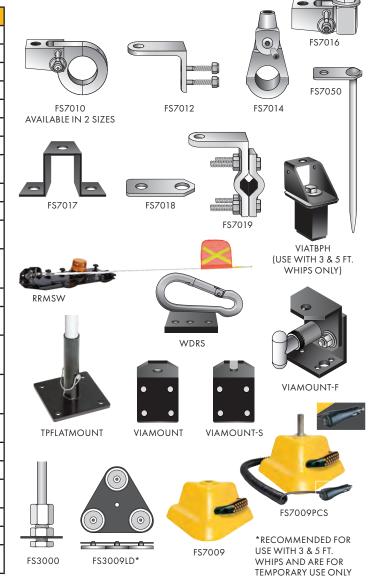


Model	Description
FS7006	Heavy Duty Spring Mount with Bright Zinc Finish for Lighted Models in 3 ft to 8 ft lengths*
FS7006-DUD	Heavy Duty Spring Mount with Bright Zinc Finish for Non-Lighted Models in 3 ft to 8 ft lengths*
FS7006U	Ultra Heavy Duty Spring Mount with Bright Zinc Finish for Lighted Models in 10 ft to 12 ft lengths*
FS7006U-DUD	Ultra Heavy Duty Spring Mount with Bright Zinc Finish for Non-Lighted Models in 10 ft to 12 ft lengths*

<sup>\*</sup>Includes Lock Washer and Jam Nut

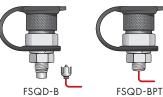
#### **ASSORTED MOUNTS**

Model	Description
FS7010-1.5	Billet, Fold-Down, Clamp Mount Bracket for 1.5 in. Round Tubing
FS7010-1.75	Billet, Fold-Down, Clamp Mount Bracket for 1.75 in. Round Tubing
FS7012	Aluminum "L" Bracket Mount (Mounting Hardware Included)
FS7014-1.75	Billet, Fold-Down, Clamp Mount Bracket for 1.75 in. Round Tubing
FS7016	Billet, Fold-Down, Tab Mount Bracket
FS7017	12 Ga. Black Powder-Coated Steel, Flat Surface Mounting Bracket
FS7018	Steel Fire Hydrant/Flange Mount with Bright Zinc Finish
FS7019	Aluminum tube style mirror bracket for 1/2 in. to 1 in. OD. (Mounting hardware included)
FS7050	Steel Stake Mount with Bright Zinc Finish
VIATBPH	TEMPORARY mount for truck bed post holes
RRMSW	Aluminum Roof Rack with fold-down mounting bracket with strobe light and 5 ft. Super Whip.
WDRS	Steel Fold Down Whip Retainer Bracket, Black Powder Coated with Three 1/4 in. Universal Mounting Holes. Quickly Fastens Whips Down (Mounting Hardware NOT Included)
TPFLATMOUNT	Flat Mount Bracket with Mounting Holes
VIAMOUNT-F	Steel Quick Release Fold Down Mounting Bracket, Black Powder Coated with Stainless Steel Hardware (Mounting Hardware NOT Included)
VIAMOUNT	Steel "L" Mounting Bracket, Black Powder Coated with Four 1/4 in. Universal Mounting Holes and 1/2 in. Hole for Attaching Whip (Mounting Hardware NOT Included)
VIAMOUNT-S	Steel "L" Mounting Bracket, Black Powder Coated with Four 1/4" in. Universal Mounting Holes and 1/2in. Slit for Attaching Whip (Mounting Hardware NOT Included)
FS3000	Replacement Compression Hex Base Mount - ONLY for Light Duty Non-Lighted Whips
FS3009LD	Magnetic Mounting Base - ONLY for Light Duty Non-Lighted Whips up to 7 ft.
FS7009	Magnetic Mount Base with Handle
FS7009PCS	Magnetic Mount Base w/ Handle & 7 ft. Coiled Power Cord w/ Switch-On Lighter Plug
FS3009LD	Magnetic Mounting Base - ONLY for Light Duty Non-Lighted Whips up to 7 ft.
FS7009	Magnetic Mount Base with Handle
FS7009PCS	Magnetic Mount Base w/ Handle & 7 ft. Coiled Power Cord w/ Switch-On Lighter Plug





#### **QUICK DISCONNECT PARTS**







FSQDCAP-B







**FSQD-BOOT** 

Model	Description
FSQD-B	Female Quick Disconnect Base Mount with Hot Plug with 12 in. Pigtail and Debris Cap (for Lighted Models)
FSQD-BPT	Female Quick Disconnect Base Mount with 12 in. Pigtail and Debris Cap (for Lighted Models)
FSQDB-DUD	Female Quick Disconnect Base Mount with Debris Cap (for Non-Lighted Models)
FSQD-KIT*	Quick Disconnect Base Mount Kit with Female/ Male Components and Debris Cap (for Lighted Models) *Use to convert a Threaded Hex Base Mount into a Male Quick Disconnect
FSQDKIT-DUD*	Quick Disconnect Base Mount Kit with Female/ Male Components and Debris Cap (for Non- Lighted Models) * Use to convert a Threaded Hex Base Mount into a Male Quick Disconnect
FSQD-BOOT	Quick Disconnect Protective Boot
FSQDCAP-B	Quick Disconnect Debris Cap Replacement

## **HITCH MOUNTS**





FS7015 2 in. Hitch Mount with Threaded Hex Base (Non-Powered)





FS7015-QD 2 in. Hitch Mount with Female Quick Disconnect Base and Debris Cap (Non-Powered)





FS7015PC 2 in. Hitch Mount with Threaded Hex Base and 24 in. Power Cord with 7-Way Plug





FS7015PC-QD 2 in. Hitch Mount with Female Quick Disconnect Base Mount, Debris Cap and 24" in. Power Cord with 7-Way Plug





FS7015PC-BU 2 in. Hitch Mount with Threaded Hex Base, 24 in. Power Cord with 7-Way Plug and Backup Alarm





FS7015PC-BU-QD 2 in. Hitch Mount with Female Quick Disconnect Base Mount, Debris Cap, 24in. Power Cord with 7-Way Plug and Backup Alarm





FS7015-PT 2 in. Permanent Hitch Mount for Super Whip and Heavy Duty All Purpose Whip with 7-way Power Crd



TP7015 2 in. Hitch Mount (Non-Powered)



TP7015PC 2 in. Hitch Mount with 24 in. Power Cord with 7-Way Plug



TP7015PC-BU 2 in. Hitch Mount with 24 in. Power Cord with 7-Way Plug and Backup Alarm



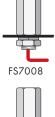
# **EXTENSIONS** for warning whips





Model	Description
FSEXT-6	6 ft. Whip Extension with Threaded Hex Base and Hot Plug
FSEXT-5	5 ft. Whip Extension with Threaded Hex Base and Hot Plug
FSEXT-4	4 ft. Whip Extension with Threaded Hex Base and Hot Plug
FSEXT-3	3 ft. Whip Extension with Threaded Hex Base and Hot Plug
FSEXT-6-DUD	6 ft. Whip Extension with Threaded Hex Base (Non-Powered)
FSEXT-5-DUD	5 ft. Whip Extension with Threaded Hex Base (Non-Powered)
FSEXT-4-DUD	4 ft. Whip Extension with Threaded Hex Base (Non-Powered)
FSEXT-3-DUD	3 ft. Whip Extension with Threaded Hex Base (Non-Powered)

# MISC. PARTS for lighted warning whips

















Model	Description				
FS7008	Easy Mount Adapter with 12 in. Hot Wire Pigtail				
FS7008-2	Easy Mount Adapter with 12 in. Hot Wire and Ground Wire Pigtails				
FS9026	Hot Plug				
FS9028	Hot Plug with 12 in. Hot Wire Pigtail				
TP9028	Hot Plug with Debris Cap and 12 in. Pigtail				
FSWPPG	Waterproof Hot Plug with 12 in. Hot Wire Pigtail				
ZFLENS-RKT-C-4	Replacement Lens for Rocket II LED Super Bright Lights				
05.WL.4LED.*	L.4LED.* Replacement Board for Rocket II LED Super Bright Lights				
*REFERENCE PAGE 37 FOR LED LIGHT COLOR OPTION CODES					



#### REPLACEMENT FLAGS

Heavy duty Day Bright<sup>TM</sup> fluorescent nylon mesh flag with  $3M^{\circ}$  Scotchlite reflective X for All-Purpose Warning Whips Heavy Duty Whips. Available in two sizes, three colors, and with the option of a white or yellow 3M® Scotchlite® reflective X. Mounting clips included.



Orange Flag 12 in. x 11 in. or 16 in. x 16 in.



Orange Flag with White X 12 in. x 11 in. or 16 in. x 16 in.



Orange Flag with Yellow X 12 in. x 11 in. or 16 in. x 16 in.



**Green Flag** 12 in. x 11 in. or 16 in. x 16 in.



**Green Flag** with White X 12 in. x 11 in. or 16 in. x 16 in.



**Green Flag** with Yellow X 12 in. x 11 in. or 16 in. x 16 in.



Yellow Flag 12 in. x 11 in. or 16 in. x 16 in.



Yellow Flag with White X 12 in. x 11 in. or 16 in. x 16 in.



Yellow Flag with Yellow X 12 in. x 11 in. or 16 in. x 16 in.



**FSAF** Plastic-Coated, Nylon Mesh, Double Sided, Reflective American Flag  $17 \text{ in. } \times 13 \text{ in.}$ Made in the USA



FS3007 Orange, Plastic-Coated Nylon Mesh Flag for Light Duty Whips 11.5 in. x 7.25 in. with Mounting Clips



Nylon Mesh Pattern

Type of Flag	12 in. × 11 in.	12 in. x 11 in. with White X	12 in. x 11 in. with Yellow X	16 in. x 16 in.	16 in. x 16 in. With White X	16 in. x 16 in. with Yellow X
Orange	FS9024-O	FS9025-O	FS8025-O	FS9024-16-O	FS9025-16-O	FS8025-16-O
Green	FS9024-G	FS9025-G	FS8025-G	FS9024-16-G	FS9025-16-G	FS8025-16-G
Yellow	FS9024-Y	FS9025-Y	FS8025-Y	FS9024-16-Y	FS9025-16-Y	FS8025-16-Y



# WING WHIPS

designed to protect your aircraft's scimitars

Airlines have introduced "split scimitar" winglets into passenger service. The redesign now includes a downturned tip in addition to the traditional upturned wingtip that further reduces drag. This new split scimitar winglet design reduces fuel burn by up to 2%. The addition of the scimitar has caused some safety issues on the tarmacs however. With baggage handlers and vehicles oftentimes having to maneuver under the wings, the scimitar has reduced clearance height. This has caused Checkers to introduce the Wing Whip!

The Wing Whip was designed to be placed under the wingtip to protect the scimitars on aircrafts from damage by passing vehicles. The whip stands 7 ft. tall with two brightly colored whips held in a V shaped pattern underneath the scimitar by the patent-pending Wing Whip Bracket. The bracket was designed to fit a standard delineator with a 16 lb. base (30 lb. base option available for windy locations).

• Each Wing Whip is equipped with flags with reflective X's that allows optimal functionality day and night

• The Wing Whip sits at the eye level of a ground vehicle driver to allow maximum visibility

Manufacturer recommends two units per wing for maximum safety and visibility

Deters ground vehicles from entering problematic areas

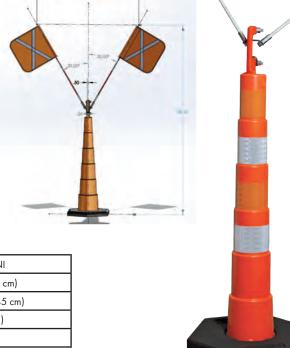
Avoids hundreds of thousands of dollars in repairs to the wing of the aircraft

Helps to maintain airline efficiency by keeping all scheduled aircraft operational and on-time

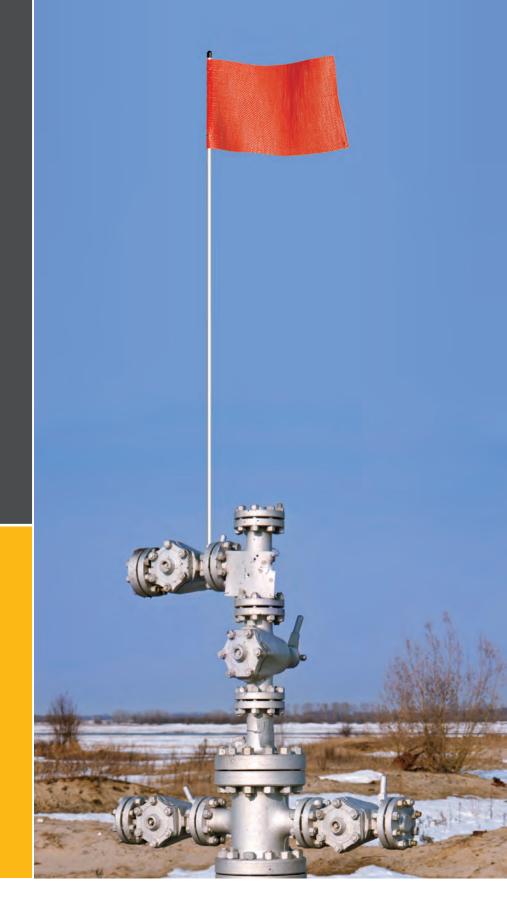








# **NOTES**



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Checkers Safety Group<sup>®</sup> is committed to providing revolutionary product designs and visionary safety solutions that protect people, assets, and the environment.

#### **CHECKERS' FAMILY OF BRANDS:**







