



MIRRORS 3-35

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VELVAC Original Indicates an original Velvac product.

NEW Indicates a new product added to catalog.

Revised Part No. Indicates a revised part number defining "xx" package quantity.
Refer to price list for price per package.

For quantity and packaging information, refer to our price list.

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NOTE: The information and photographs in this catalog are believed to be accurate and factual as of the print date. Velvac assumes no responsibility for information that may be incorrect or has changed since press time. Product specifications and offerings subject to change without notice.

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Velvac's 2010 West Coast Mirror Offers the Widest Viewing Area Available!

- Larger glass 2010 mirrors feature over 106 square inch viewing area
- Designed to fit any standard 17-1/2" span loop
- Replaceable 1/8" FSC mirror glass
- 4 amp, temperature-controlled heating element provides quick, even defrosting and prevents mirror glass from overheating
- Polished 300 series stainless steel outer shell and heavy-duty ABS plastic inner housing combine to ensure durability and good looks
- Optional marker light provides additional safety by indicating the widest point of the vehicle to oncoming drivers
- Mounting hardware included

Motorized 2010 Mirror features

- Heavy-duty, 1.5 RPM motor for fast smooth adjustments
- Sealed motor housing for protection against moisture and contaminants
- Automatic slip clutch for manual adjustments without gear damage
- Interchangeable wire harness for convenient retrofitting



Part No.	Description
REPLACEMENT PARTS	
708309	Heated Glass w/ Bezel
709329	Motor
747386	Lighted Heater Switch
747387	Momentary Motor Switch
747451	4 Conductor Harness 124"

Left Side Part No.	Right Side Part No.	Description
MIRRORS WITH 10' WIRE HARNESS AND HEATER SWITCH*		
(*Motorized models also include a momentary motor switch)		
708209	708210	Heated and Manual
708211	708212	Heated and Motorized
708369	708368	Heated, Motorized and Lighted
MIRRORS WITHOUT HARNESS OR SWITCHES		
708209-4	—	Heated and Manual
708211-4	708212-4	Heated and Motorized



WEST COAST MIRRORS (cont.)

7" x 16" V-back Mirrors

- Popular V-back design available in three different versions to meet all customer requirements and price points
- Over 96 square inches of viewing area
- Available in both stainless steel and painted versions, all with 5/16" hardware



VELVAC
Original



BEST- OEM Mirror

Better

Good

APPLICATIONS

Popular replacement mirror for many OE applications

Cost effective version of OEM mirror

Cost effective mirror for high replacement application

CONSTRUCTION

HD support bands and gasket surround the front surface chrome glass for added strength and durability

Gasket surrounds silvered glass for durability and edge shock protection. Front surface chrome glass used on heated mirrors

Gasket surrounds silvered glass for durability and edge shock protection

GLASS

Replaceable

Replaceable

Not replaceable

PAINTED FINISH

Powder coated to meet OEM requirements

Powder Coated to meet OEM requirements

Standard painted finish

HARDWARE

All stainless steel hardware

Plated hardware

Plated hardware

PACKAGING

Individually packaged in plain box

Individually Packaged in display box

Ind. Packaged in display box

Description	Part No.	Part No.	Part No.
Black	—	708001	705114
Black Heated	—	—	705115
White	708020	708003	705116
Stainless Steel	708022	708005	705112
Stainless Steel Heated	708046	708008	705113

REPLACEMENT PARTS

Glass, non-heated	702042	702044	—
Glass, heated	702047	702045	—

Navistar/International West Coast Mirror



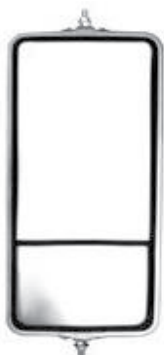
NEW

- OEM replacement mirror fits International S-series and other trucks
- 7" x 16" aluminum housing - heated and non heated versions available
- Non-heated version fits left or right sides of the vehicle
- Order 713198 AL loop and brkt kit separately to replace existing OE mtg

Part No.	Description	Fleetrite Part No.	Navistar Part No.	Cham-Cal Part No.
708335	Non-Heated Mirror	MIR4070	1657021C91 1657048C91	20000
708336	Htd Mirror, Right	MIR4071	1667899C91	20090
708337	Htd Mirror, Left	MIR4074	1669515C91	20080
713198	Loop and bracket Assembly			

WEST COAST MIRRORS (cont.)
West Coast Mirrors

- Quality West Coast Mirrors for new vehicle installation, replacement and retrofit
- Designed with 1/8" silvered glass and 5/16" - 18 plated hardware - mounting fasteners are included
- All West Coast mirrors are packaged in a display box except the Economy Angle Back mirrors


Angle Back Round Corner - Full Flat or Split Glass

Angle Back Square Corner

Pillow Back

Rib Back

Economy Angle Back - Full Flat or Split Glass
Flat Glass / Convex Glass

Part No.	Size	Description	Finish	Area Square-Inches
ANGLE BACK - ROUND CORNER				
705333	7" x 16"	Standard Glass	Polished SS	93
705335	7" x 16"	Heated Glass	Polished SS	93
708331	7" x 16"	Heated w/ Marker Light	Polished SS	93
708334	7" x 16"	Split Glass	Polished SS	64 Flat / 26 Convex
ANGLE BACK - SQUARE CORNER				
708526	7" x 16"	Standard Glass	Polished SS	99
708525	7" x 16"	Heated Glass	Polished SS	99
705332	7" x 16"	Heated w/ Marker Light	Polished SS	99
705108	6.5" x 16"	Standard Glass	Polished SS	84
PILLOW BACK				
705101	6.5" x 16"	Standard Glass	Black	81
705102	6.5" x 16"	Standard Glass	Polished SS	81
705103	6.5" x 16"	Standard Glass	White	81
RIB BACK				
705104	6.5" x 16"	Standard Glass	Black	88
705117	6.5" x 16"	Heated Glass	Black	88
705105	6.5" x 16"	Standard Glass	White	88
ALUMINUM ECONOMY ANGLE BACK				
705038*	6" x 16"	Standard Glass	Aluminum	94
705107*	6" x 16"	Split Glass	Aluminum	66 Flat / 21 Convex
705111**	6" x 16"	Standard Glass	Aluminum	94

*705038, 705107 have black plastic end caps. **705111 has heavy duty metal end caps for added strength.



BLIND SPOT CONVEX MIRRORS

Velvac offers a wide variety of convex mirrors including DuraBall®, K-10® Eyeball®, Three Screw Ball Stud and specialty convex. These mirrors are available in several finishes and materials including stainless steel, chrome, powder coat and painted. Standard convex, heated convex and Wide View lenses provide the right mirror for all your blind spot or cross view applications.

DuraBall® Convex



8.5" diameter



6" diameter



5" diameter



8.5" diameter



10" diameter

VELVAC
Original

Wide View

- Velvac's DuraBall® mirror and pivot system features a HD nylon inner and outer ball with stainless bolt and locking "L" bracket for easy mounting and operation
- Heavy gage stainless steel or powder coated galvanized steel construction protects mirrors against corrosion
- Rolled edge on 5" and 8.5" diameter mirrors - outer gasket on 6" diameter mirrors
- Available in popular 10", 8.5", 6" and 5" diameters with several lens options. 8.5" is also available with center mount or offset mount
- Designed for long lasting operation. DuraBall mirrors are guaranteed against shell cracking and breaking for 5 years
- Mirrors other than Wide View include mounting "L" bracket or tube bracket, mounting hardware and come in an attractive display box

Three Screw and Specialty Convex Mirror



8.5" diameter



7.5" diameter



8.5" diameter
Part No. 708558



5" and 6" diameter

- Three screw ball stud offers secure mounting and easy adjustment
- Available in high luster stainless steel, chrome plated steel or painted steel finishes
- 8.5", 7.5", 6" and 5" diameters with standard convex and heated options. 8.5" and 7.5" are also available either center mount or offset mount
- Includes mounting "L" bracket, mounting hardware and comes in an attractive open display box
- 708558 convex features high luster chrome plated stainless steel shell and heavy duty nylon ball stud, bracket not included

DuraBall®, Eyeball® and K-10® are registered trademarks of Velvac, Inc.

BLIND SPOT CONVEX MIRRORS (cont.)
DuraBall


8.5" diameter



8.5" diameter



8.5" Wide View

Three Screw Ball Stud / Specialty Convex


7.5" diameter



8.5" diameter

Finish
Lens Option
Lens Option

	Standard	Heated Glass	Wide View Convex	Standard Glass	Heated Glass
10" CENTER MOUNT			Plexiglas® Lens		
Stainless Steel			709218		
Black			709216		
White			709217		
Post Office White			709226		
8.5" CENTER MOUNT					
Stainless Steel	708441	708453	708448	708501	708559
Black	708442	708455	708449	708503	
White			708450		
Post Office White			708463		
Chrome				708556	
Chrome Plated Stainless				708558 *	
8.5" OFFSET MOUNT					
Stainless Steel	708444	708457		708502	708560
Black	708446			708504	
Chrome				708557	
7.5" CENTER MOUNT					
Stainless Steel				708508	
Black				708510	
Chrome				708554	
7.5" OFFSET MOUNT					
Stainless Steel				708509	
Black				708511	
Chrome				708555	
6" CENTER MOUNT					
Stainless Steel	708478			708515	
SS with Tube Bracket**	708476				
Black	708479			708516	
Chrome				708553	
5" CENTER MOUNT					
Stainless Steel	708470			708520	
Stainless Steel-Flat Glass	708473			708514	
Black				708521	
Black - Flat Glass				708513	
Chrome				708552	
Chrome ABS				708551	

Helpful Hint:

Mirror head diameter and ROC (Radius of Curvature) help determine field of view coverage and image size provided by the convex mirror. Wide View convex mirrors are typically used for front and rear cross view applications where a wide field of view is desired. Standard convex mirrors are used for viewing targeted blind spots or passing lanes around the vehicle.

*Heavy Duty Nylon Ball Stud see page 6

**Stainless Steel tube bracket and clamp kit part No. 723057 also shown on page 30

NOTE: Plexiglas® is shatter resistant

***Plexiglas® is a registered trademark of Evonik Industries

Description	ROC
10" Wide View	8.5"
8.5" Wide View	5.5"
6" DuraBall	14"
5" DuraBall	10"
All other convex	13"

BLIND SPOT CONVEX MIRRORS (cont.)

K-10 Convex and Eyeball® Convex


NEW


- Provides outstanding views of troublesome and dangerous blind-spots around the vehicle
- 10", 8.5" and 6" dia. in SS, powder coat steel and ABS plastic with standard convex and Eyeball® convex lens
- HD inner and outer nylon ball stud with SS mounting hardware for durable, smooth and long lasting operation
- Use as a supplement to West Coast mirrors, side blind spots or front and rear cross view applications
- Heavy duty outer gasket protects mirrors from edge shock and allows mirror lens to be easily replaced

Finish	Mirror Head	Replacement Lens
--------	-------------	------------------

STANDARD CONVEX LENS

10" Diameter - 13" Radius of Curvature

Stainless Steel	708602 (CX10S-S)	702149 (CX10L)
Black ABS	708615 (CX10ABS)	702149 (CX10L)

8.5" Diameter- 13" Radius of Curvature

Stainless Steel - Center Mount	708601 (CX08S-S)	702148 (CX08L)
Stainless Steel - Offset Mount	708609 (OSCX08S-S)	702148 (CX08L)

EYEBALL CONVEX LENS

10" Diameter - 8.5" Radius of Curvature

Stainless Steel	708605 (EB10S-S)	702159 (EB10L)
Black ABS	708604 (EB10-ABS)	702159 (EB10L)

8.5" Diameter - 5.5" Radius of Curvature

Stainless Steel	708608 (EB50S-S)	702158 (EB08)
Stainless Steel - Offset Stud	708610 (OBE50S-S)	702158 (EB08)
Black	708606 (EB45S-B)	702158 (EB08)

6"Diameter - 5.5" Radius of Curvature

Black	708603 (EB06S-B)	
Black ABS	708617 (EB06S-ABS)	


 Eyeball Convex


 Front View Eyeball Convex


 Back View Stainless Steel


 Back View Black ABS

8" Polypropylene Convex Mirrors

- 12" radius of curvature
- Light weight one piece non-corrosive plastic shell
- Adjustable stud mount ball socket
- 5/16" mounting hardware included


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Part No.	Description
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723103	Post Office White
723104	Black

Replaceable front crossview for US PS LLV and CRV - see page 17. For brackets, see page 30



ACCESSORY MIRRORS

The Wedge™ Stick-On Convex Mirror

NEW



- Unique wedge design provides more usable viewing area/larger image size than conventional stick on mirrors
- Universal design permits use on both driver and passenger mirrors
- Black plastic shell with rounded corners gives mirror a "built-in" look
- 3.25" overall size with 8.5 ROC
- Mounts easily and securely using attached adhesive pad

Part No.	Description
723068	Wedge Stick-on Mirror
723068-6	50 Pack Wedge Mirror

Stick-On Convex Spot Mirrors



- Lightweight aluminum shell
- Mount easily and securely using attached adhesive pad
- Attractive packaging displays easily on pegboards or wire display racks (See page 141 for wire display rack Part No. 091256)

Part No.	Size	ROC
723050*	2" Round	4.5"
723060	3" Round	4.5"
723065	3.75" Round	4.5"
723075	4" x 5.5" Rectangle	8.5"

* Order 723050-4 for a (12) pack

HHR Spotter Mirror

NEW



- Reduce blind spots on GM HHR
- Mounts directly to OE side mirrors*
- Lower portion of flat glass is open for passing lane viewing
- Size is approx 2.5" x 3.25" with 7.3 sq. in. viewing area, 8.5" ROC

Part No.	Description
718394-5	Pair - Right & Left Side
718392-5	Right Side Mirror
718393-5	Left Side Mirror

*Other applications include van, pickup and SUV mirrors

Interior Rearview Mirror



- Glass measures 9" x 2"
- Day/Night feature reduces night driving glare
- Dual ball joint adjustment
- Textured black housing
- Mounting pad and adhesive sold separately as mirror mounting kit
- Rearview mirror will fit on flange type mounting pads up to .90 wide

Part No.	Description
723095	Rearview Mirror
723097	Mirror Mounting Kit

Over Door Convex Mirror



- Mounts above exterior passenger side window for greater blind spot visibility
- Used as an accessory mirror on heavy trucks for better viewing directly below "peek-a-boo" window
- 4" x 8" convex mirror - 12"ROC
- Assembly includes stainless steel mirror head with mounting bracket

Part No.	Description
715198	Over Door Convex Mirror

Universal Strap-On/Off Mirrors



- Universal design fits either driver or passenger side mirrors on most vehicles
- Durable black mirrors strap quickly and securely to existing mirror for extended view around wide loads
- No tools required

Part No.	Description
715203	Strap-On Towing Mirror 5" x 7.5" mirror head

7.5" x 10.5" Camper Style Mirror Head

NEW



- Camper style mirror head for use on GM low mount van and cutaway mirror systems
- Direct replacement for Delbar HR-1164
- Stainless steel construction
- 63 square inch flat glass area
- Complete with 3/8" - 16 x 2.25" mounting bolt and hardware

Part No.	Description
716138-5	7.5" x 10.5" Camper Style

7.5" x 10.5" Center Bracket Flat Glass Mirror Heads



- Over 63 sq. in. viewing area
- 1/8" FSC glass
- Rolled edge design holds glass and gasket securely in place
- Mirror glass NOT replaceable

Part No.	Description
709002	Stainless Steel
709006	Stainless/Heated
709275	Flat Black
709276	White

800-783-8871

*The Wedge™ is a trademark of Velvac, Inc

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Side Mount Wide Angle Mirror Heads

VELVAC
Original

- The original Velvac wide angle mirror head for use on walk in van, cutaway van, cab chassis and a variety of other applications
- 5/16" - 18 threaded mounting port for a clean, easy installation. Use with mounting clamp 704068 on page 31
- 1/8" replaceable FSC glass on all flat glass models except UPS brown which is silvered. Silvered glass on all convex

6.5" x 6" Flat Glass

- Viewing Area 32 sq. in.

**6.5" x 10" Flat Glass**

- Viewing Area 55 sq. in.

**6.5" x 6" Convex**

- Viewing Area 32 sq. in.
- 21" ROC



Finish	Part No.	Glass	Gasket	Part No.	Glass	Gasket	Part No.	Glass	Gasket
STEEL									
Stainless	704093	702051	703005	709091	702076	703007	704095	702023	703005
Stainless - Heat	—	—	—	704325	702076	703007	704315	702023	703005
White	704078	702051	703005	704032	702076	703007	704077	702023	703005
PLASTIC									
White	704178-5	702051	703101	704132-5	702076	703102	704177-5	702057	703101
PO White	—	—	—	704122	702076	703102	704120	704121	703101
UPS Brown	704158	702051	703103	704154	702076	703104	704155	702057	703103
Black	704159	—	703103	704152-5	702076	703104	704153-5	702057	703103

Stud Mount Mirror Heads

- Center mount wide angle mirror heads feature Velvac's DuraBall nylon ball stud for superior strength and durability (see page 6 for DuraBall information)
- 5/16" - 18 mounting stud. Use with mounting clamp 704068 on page 31
- 1/8" replaceable FSC glass on flat glass models, 1/8" silvered glass on convex mirrors

VELVAC
Original

6.5" x 6" Convex

- Viewing Area 32 sq. in.
- 21" ROC

**6.5" x 10" Flat Glass**

- Viewing Area 55 sq. in.

**Shatter Resistant****6.5" x 10" Convex**

- Viewing Area 55 sq. in.
- 40" ROC, shatter resistant backing on glass



Finish	Part No.	Glass	Gasket	Part No.	Glass	Gasket	Part No.	Glass	Gasket
Stainless	708156	702023	703006	708181	702076	703008	708198-5	702098-5	703008
White	—	—	—	—	—	—	708176-5	702098-5	703007
Ford White	704280	702023	703005	704268	702076	703007	—	—	—
Black	—	—	—	—	—	—	708197-5	702098-5	703008



HOOD MOUNT MIRRORS

Velvac's Mod Pod™ and K-10 Version-2 Hood Mount Assemblies

NEW

The popular Velvac Mod Pod and K-10 Version-2 (V-2) mirror systems incorporate a lock down feature that offers superior stability and easy adjustments. To position the mirror, simply loosen the set screw with a 5/32" allen wrench, lift and rotate the mirror arm into proper viewing or fold back position then retighten the set screw. Precision gears set at 12 degree intervals ensures a perfect view every time!

- Aerodynamic design - corrosion resistant stainless steel tubing brackets with chrome-plated die cast mounting base for long lasting attractive appearance
- (4) 1/4" - 20 mounting studs are factory assembled to the base for easy installation on either conventional or COE trucks
- Velvac Mod Pod mirror kits features Velvac's 8.5" DuraBall with nylon ball joint system, so superior it is guaranteed for five years against cracking or breaking (see page 6 and 7 for details)
- K-10 V-2 mirror kits feature an 8.5" Eyeball convex mirror (see page 8 for details)

Mod Pod™ is a trademark of Velvac, Inc.



	Description	VELVAC			K-10		
		Bracket Only	Kit w/8.5" DuraBall Convex	Kit w/8.5" DuraBall Wide View	Bracket Only	Kit w/8.5" Eyeball Mirror	Kit w/8.5" K-10 Convex
 Bent Arm Straight Arm	UNIVERSAL ADJUSTABLE						
	Kit with bent and straight arms	714622	714620	714621	—	—	—
	Kit with straight arm only	—	—	—	714646 (512929-V2)	—	—
	Kit with bent arm only	—	—	—	714647 (512659-V2)	716915 (V2659-50)	716914 (V2659-08)
	FIXED ARM DUAL VIEW						
	Right Side	714630	714626	714628	714648 (512658-V2)	716913 (V2658-50)	—
	Left Side	714631	714627	714629	715529 (512657-V3)	716922 (V2657-50)	—
	FIXED ARM SIDE VIEW						
	Lane Change	714625	714623	714624	—	—	—
	K-10 Slant Arm	—	—	—	714649 (512661-V2)	716917 (V2661-50)	716916 (V2661-08)
	K-10 Angle Arm	—	—	—	715620 (512662-V2)	716919 (V2662-50)	716918 (V2662-08)

For K-10 numbers order by Velvac Part Number

(K-10 Part No.)



HOOD MOUNT MIRRORS (cont.)

Velvac offers a full line of standard and short arm adjustable tripod mirror models to meet the needs of any vehicle or application. From our unique stylized Aero-Bell to our value tripod, we have the right mirror for your truck.

Aero-Bell™ Tripod



- Stylized single piece chrome plated ABS bells and molded nylon clamps help conceal hardware giving the mirror a clean, aerodynamic appearance
- Corrosion resistant materials eliminate rust keeping the mirror and truck looking great

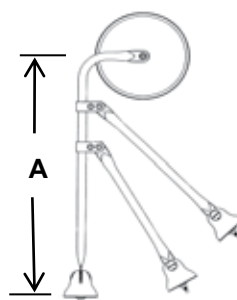


Velvac Tripod



- All stainless steel construction and hardware
- Standard tripod for use on traditional hood styles - short tripod for slope nosed vehicles with shorter hoods

Value Tripod



- All stainless steel construction with plated hardware
- Adjustable tripod fits most hood / fender applications

Product Specifications

Description	Aero - Bell Tripod	Velvac Tripod	Value Tripod
Tubing Braces	SS	SS	SS
Convex Mirror Head	8.5" SS DuraBall	8.5" SS DuraBall	8.5" SS Three Screw
Mounting Bells	Molded/Chrome Plate ABS	SS	SS
Tube Clamps	Molded Black Nylon	SS	SS
Hardware	SS	SS	Plated
Packaging	Display Box	Display Box	Plain Box

Standard Tripod	Part No.	Dim "A"	Part No.	Dim "A"	Part No.	Dim "A"
Mirror and Bracket Kit	715150	21" to 32.75"	713444	21"-32.75"	715779	26" to 35"
Bracket Kit Only - head not included			713445		715778	

Short Tripod

Mirror and Bracket Kit	715148	17.5" to 24.5"	714721	17.5" to 24.5"
Bracket Kit Only - head not included			714720	

Fixed Arm Mirror / Bracket

Columbia & Century	715168	20.35"
Freightliner - FLD	715166	23.55"





REAR CROSS VIEW MIRROR SYSTEMS

Straight Van Chassis Applications

NEW

- Kits include mirror head, bracket and stainless steel mounting hardware
- Assemblies include either a Velvac 8.5" Wide View convex or an 8.5" K-10 Eyeball convex mirror

	Vehicle	VELVAC			K-10 MIRRORS	
		Finish-Head & Bracket	Bracket/8.5" Wide View Convex	Bracket Only	Bracket/8.5" Eyeball Convex	Bracket Only
Tripod Kits 	1992 and newer Ford E-Van	White	713120	713118	–	–
		SS	713121	713119	716908 512648-50S	713204 512648
	1997 and newer GM G Van	White	713796	–	–	–
		SS	713798	–	716909 513993-50S	713993 513993
	Dodge & older GM & Ford Vans	White	712639	–	716929 512646-50S	712646 512646
		SS	712640	712638	–	–
	Sprinter Van	SS Brkt w/blk 10" ABS	–	–	716902 512650SP-10ABS	–

Walk-in Van Bodies

- Universal mounting bracket fits walk-in vans and vehicles with flat mounting surfaces
- Kits include mirror head, reinforced 3/4" O.D. tubing arm, heavy-duty mounting brackets and SS hardware
- Assemblies include either a 10" Velvac Wide View convex or a 10" K-10 Eyeball convex mirror.

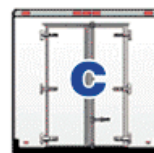
Rear Van Door Styles



Roll-up Narrow






Roll-up Full



Hinged Narrow



Hinged Full

	Rear Door Style	Finish-Head & Bracket	VELVAC		K-10 MIRRORS	
			Bracket/8.5" Wide View Convex	Bracket ONLY	Bracket/8.5" Eyeball	Bracket ONLY
Rear Panel Standard Mount 	A or C	White	712644	712642	–	–
	A or C	SS	712643	712641	716906 (512650SP-10ABS)	712647 (512647)
Rear Panel Breakaway Mount 	A or C	SS			716907 (512647-10S)	713752 (512647-2)
Side Panel Mount 	D	SS			716903 (512650SP-10S)	715101 (512650-SP)
	D	SS with Blk ABS			716902 (512650SP-10ABS)	715101 (512650-SP)



REAR CROSS VIEW MIRROR SYSTEMS (cont.)

RXV™/Corner Rotator

- Designed to mount easily to structural rear corner of walk-in van or high cube bodies - fits on 90° corner with up to 1.5" radius
- Includes factory assembled spring loaded bracket with Velvac 10" Wide View or K-10 Eyeball convex mirror head
- Mirrors are designed to fold away either to the side or rear and can be rotated back to the preset viewing position

NEW


RXV /Corner Rotator

RXV™ is a tradename of Velvac, Inc.

VELVAC				K-10 MIRRORS	
Rear Door Style	Finish-Head & Bracket	Bracket/10" Wide View Convex	Bracket Only	Bracket/10" Eyeball	Bracket Only
A,B or C	White	715213	—	—	—
A,B or C	SS	715212	—	716901 (512651-10S)	714403 (512651)
A,B or C	SS w/ blk ABS Head	—	—	716900 (512651-10ABS)	714403 (512651)

VAN AND CAB CHASSIS MIRRORS

- Universal van and pick-up mirrors are designed to fit various straight van, cutaway van and pick-up truck bodies - single adjusting leg allows bracket to be properly oriented on different model doors
- Other assemblies shown below feature fixed 3/4" tubing brackets designed for specific vehicle types and provides a custom fit for those specified vehicles and applications
- Retractable mirrors can be folded away for storage or upon impact and then returned to the preset viewing position

Universal Van and Pick-Up Truck



Retractable

Part No.	Finish	Bracket Style	Body Type Width	Vehicles
714673	SS	Retractable	Straight Van	Ford E Van, GM G Van and Dodge Ram Van
714675	SS	Non Retractable	96" Cutaway	
714672	SS	Retractable	Pick-Up	Older model GM Silverado, Ford F Series and Dodge Ram Truck
714674	SS	Non Retractable	96" Cab Chassis	

Non-Retractable

Wide Body Cutaway Van



Part No.	Finish	Bracket Style	Body Type Width	Vehicles
713786	SS	Non Retractable	96" Cutaway	1997 & Newer GM G Van
713785	White	Non Retractable	96" Cutaway	
713113	SS	Non Retractable	96" Cutaway	1992 & Newer Ford E Van
713787	White	Non Retractable	96" Cutaway	

Straight Van



Part No.	Finish	Bracket Style	Body Type Width	Vehicles
713104	SS	Retractable	Straight Van	1992 & Newer Ford E Van
713105	White	Retractable	Straight Van	
713789	SS	Retractable	Straight Van	1997 & Newer GM G Van
713787	White	Retractable	Straight Van	

Wide Body



Part No.	Finish	Bracket Style	Body Type Width	Vehicles
713407	SS	Retractable	96" Cutaway Van	1980 - 1997 Ford E Van
712908	SS	Retractable	96" Cab Chassis	1987 - 1998 GM CK Truck

Part No. 713407

www.velvac.com



VAN AND CAB CHASSIS MIRRORS

Sprinter Van Body Mirror

- Powder coated loop and cast mounting ends fit directly into older OE mounting base (not included)
- Includes 6/5" x 10" upper flat glass head and 6.5" x 6" lower convex
- For use up to 86" wide body applications

NOTE : For Sprinter rear cross view mirror see page 13



Part No.	Application	Description	Finish
715407	Sprinter	Complete Pair	Black
Q781280		Loop with mounting ends	Black

Universal Low Mount Mirror System and Accessories

- Low mount mirror kit includes SS bracket system, solid SS elbow and 7.5" x 10.5" mirror head
- Wide angle conversion kit includes 6.5" x 6" convex and SS tube support for blind spot viewing
- Mirror heads provide over 63 square inches of flat viewing area. (See page 9 for more information)



Low mount Mirror Kit



Part No. 712245

Part No.	Description	Finish
712479	Low mount Mirror Kit -Brkt, Head Elbow - Pair	SS
748216	Replacement Elbow	SS
712245	Wide Angle Conversion Kit - One Side	SS

Door / Fender Mirror System

- Complete kit includes one door mount head / bracket and one fender mount head / bracket
- All stainless steel construction



Fender Mount Assembly



Door Mount Assembly

Part No.	Description
713883	1997 and Newer GM G Van - Door / Fender - Complete Pair
713154	1992 and Newer Ford E Van - Door / Fender - Complete Pair

Colorado Canyon Pickup Mirrors

Wide Body Mirror for Chevy Colorado and GMC Canyon Pick-Up Truck Chassis

NEW

- Provides views around 78" bodies to increase driver safety with enhanced view of passing lanes and blind spots
- Large 11.10 square inch convex with 12.5" ROC targets blind spots
- 56.62 square inch flat glass area
- Mirrors fold forward and back for easy storage
- Black finish for OE appearance



Part No.	Description
715885	Complete Pair
715886	Right Side Mirror
715887	Left Side Mirror
715888	Right Side Mirror Head with Convex
715889	Left Side Mirror Head with Convex
723106	Right Side Convex
723107	Left Side Convex
702086	Flat Glass Kit

* SS = Stainless Steel



TRUCK AND TRACTOR MIRRORS

Truck and Tractor Mirrors

- Versatile head and loop assembly for flat side mounting on fire trucks and other specialty vehicles
- Bracket mounting span of 31.5" x 8.18" from body leg length
- All stainless steel construction with preset pivot breakaway system

NOTE: See catalog page 3 for more information on motorized mirror head. See page 4 for OE V-back West Coast.



Part No.	Description	Finish	Upper Head	Lower Head
713760	Complete Pair	Stainless Steel	8" x 16" motorized heated West Coast Mirror	6.5" x 6" convex
713769	Complete Pair	Stainless Steel	7" x 16" OE V-back West Coast Mirror	6.5" x 6" convex
713759	Replacement loop bracket, Mounting feet and hardware	Stainless Steel	N/A	N/A

Universal Bracket Kit and Head / Loop System

- Universal SS bracket kit is fully adjustable to fit a variety of conventional straight truck and tractor doors, extends out a maximum of 20" from door
- Use head and loop assemblies in combination with universal bracket kit to produce a complete major system for conventional truck and tractors - loop span is 17.56"
- All kits shown below are packaged as pairs. Loop and clamp kits include both short clamps for use with split wide angle heads and long clamps for West Coast heads



Conventional Tractor
Bracket Kit



Split Head*



West Coast **

Part No.	Description	Finish	Upper Head	Lower Head
700064	Universal conventional tractor bracket kit	Stainless Steel	N/A	N/A
701001	Head and loop - split head	White	6.5" x 10"	6.5" x 6"
701006	Head and loop - split head	Stainless Steel	6.5" x 10"	6.5" x 6"
701050	Head and loop - West Coast	White	7" x 16"	N/A
701054	Head and loop - West Coast	Stainless Steel	7" x 16"	N/A
701071	Loop and clamp kit	White	N/A	N/A
701072	Loop and clamp kit	Stainless Steel	N/A	N/A

*See page 10 for replacement mirror heads

**See page 5 for replacement mirror heads



WALK-IN VAN MIRRORS

Walk-In Van Mirrors

- Universal mirrors include an adjustable loop mounting bracket and will fit most walk-in van applications
- Fixed custom mirrors include a fixed loop bracket for specific mounting applications
- All mirrors include 6.5" x 10" upper flat glass head and 6.5" x 6" lower convex



Fixed Custom



Universal Adjustable Loop

Part No.	Application	Description	Finish	Mounting Centers	Loop Leg Length
Universal					
721090	Various	Complete Pair	Stainless Steel	22" to 36.5"	8"
721092	Various	Loop and brackets	Stainless Steel	22" to 36.5"	8"
Fixed Custom					
712323	Grumman (Morgan) Utilimaster	Complete Pair	Stainless Steel	30.57"	10.50"
713404	Utilimaster	Complete Pair	Stainless Steel	33.33"	11.69"
724007	Various	Complete Pair	Stainless Steel	30.37"	10.42"
724008	Various	Complete Pair	Stainless Steel	33"	8"
727067	Various	Complete Pair	White	33"	8"

United States Post Office Mirrors

NOTE: All UPSP Mirrors are manufactured to UPSP OE requirements and are USPS White



Front Cross view



Side Mirror



Rear Cross View

Replacement Flat

Replacement Convex

LLV Mirrors	Kit Part No.	Mirror Head	Dimension	Mirror Head	Dimension
Right Side Mirror	712896	704122	6.5" x 10"	704120	6.5" x 6"
Left Side Mirror	712897	704122	6.5" x 10"	704120	6.5" x 6"
Front Cross View Mirror	712898	—		723103	8" diameter
Rear Cross View Mirror	712900	—		709226	10" diameter

CRV Mirrors

Right Side Mirror	714782	704122	704120	6.5" x 6"
Left Side Mirror	714783	704122	704120	6.5" x 6"
Front Cross View Mirror	714784	—	723103	8" diameter
Rear Cross View Mirror	714785	—	709226	10" diameter

Other USPS Mirrors

Rear Cross View Mirror	714146	(Ford Aerostar)	708463	8.5" diameter
Rear Cross View Mirror	714147	(Ford Windstar)	708463	8.5" diameter
Rear Cross View Mirror	715786	(Dodge Caravan)	708463	8.5" diameter



2020 VAN AND CAB CHASSIS MIRRORS

Velvac's 2020 and 2020XG family of mirrors feature OE fit and styling, and provide outstanding visibility of passing lanes and blind spots areas around the vehicle making them the industry standard for wide body cutaway van and truck cab chassis applications. These mirrors mount directly to the OE sail area on the door for clean and easy installation. The modular design allows a single mirror style to be used across multiple van and truck platforms making them perfect for all OE and fleet applications.

In addition to the original 2020 mirrors, Velvac now offers a new 2020 Mini-LEM system with integrated camera options and our new 2020XG - the next generation in wide body mirror technology

Model 2020 Mirror System

Model 2020 mirrors are designed specifically for wide body applications such as high cube cutaway vans, rental trucks, Class C RV's and ambulances. The fixed length arms are designed to position the mirror beyond the body providing the driver with an unobstructed view of blind spots and passing lanes around the vehicle. These versatile mirrors are available in several body widths and finishes as well as manual or heated remote glass.

- Mirrors available for 86", 96" and 102" wide bodies
- Die cast arms and bases are e-coated and powder coated for corrosion resistance
- Available in black, white and black base/arm with chrome head
- Two mirror head options - **Standard** Head with lower Wedge convex - **Deluxe** Head with full width lower convex
- Fold away feature allows mirrors to fold forward and back for easy vehicle storage and protection against impacts



Unique pivot design



Standard Head



Deluxe Head

Model 2020 Mini-LEM Mirror System

Velvac has added the exclusive pre-positioned lower camera option to the 2020 mirror providing even greater coverage of the blind spot areas around the vehicle. These mirrors are available with either a black and white CCD camera or the featured CMOS color camera for even greater clarity and object detection.

- Camera image is reversed to provide a picture in the same orientation as the mirror image for seamless observation of blind spots and passing lanes
- CMOS color camera with infrared LED's provide greater image definition, truer colors and anti-blooming technology allowing drivers to quickly identify objects in a variety of light conditions
- Systems can be designed to integrate with back-up cameras for complete vehicle blind spot coverage. See catalog pages 33 and 34 for more information on Velvac's back-up cameras and CMOS camera technology



Mini-LEM Camera



2020 Mini-LEM with turn signal option in flat glass





2020 VAN AND CAB CHASSIS MIRRORS (cont.)

A combination of styling, quality and performance make the 2020XG the new benchmark for wide body mirror systems. The fully integrated arm, base and mirror head not only look great, but work together as a system to reduce vibration, and provide large, clear views of the blind spots and passing lanes around the vehicle. Since these mirrors are designed specifically for 96" and 102" wide bodies, they provide a complete vision solution without the compromises found in many OE mirror offerings available today.

Model 2020XG Mirror Systems

Style/Value

- Fully integrated base, arm and mirror head for a clean OEM look
- "Swept back" design prepositions the mirror in the optimal location- no head adjustment necessary
- Stylized mirror base fits directly in the OEM "sail area" mounting holes
- Rigid design for better stability and image clarity
- Easily replaceable mirror head, glass and arm components help reduce downtime and service costs

Quality

- Die cast aluminum mounting base and upper arm are e-coated and powder coated for corrosion protection
- OE-approved plastic mirror shell and lower arm deliver durability and UV resistance
- Pivot system allows the mirror to be folded forward or back upon impact and returned easily to the normal driving position

Increased safety

- Advanced vibration dampening in mirror head keeps image steady even on rough road surfaces
- 63 sq. in. flat glass and 29.5 sq. in. convex glass with 18" radius of curvature provides great visibility of the passing lanes and blind spots around the vehicle

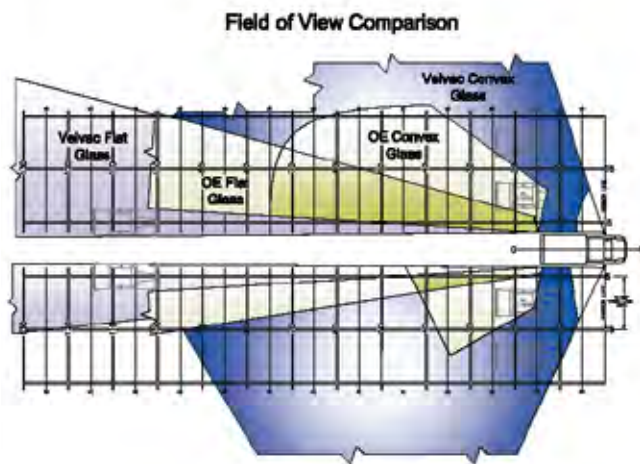
Field of View Coverage

Field of view diagram shows the superior vision and blind spot coverage provided by Velvac 2020 and 2020XG mirrors relative to typical OE mirrors used on a wide body applications. Velvac's 2020 and 2020XG mirrors can help to reduce blind spots and provide visibility of multiple passing lanes around the vehicle leading to better driving decisions and the reduction of costly accidents.

Most cutaway van and cab chassis OE mirrors are not designed for body widths that extend beyond 96 & 102 inches. Misuse of these narrow OE mirrors leads to obstructed views and dangerous blind spots and may not fully meet all DOT mirror requirements based on these applications.

Be confident that your wide body vehicle meets or exceeds FMVSS 111 requirements for Rear View Mirrors-

USE OR SPECIFY VELVAC 2020, 2020 MINI-LEM or 2020XG MIRRORS



FOV coverage- Velvac (blue), OE (amber)

Information shown above represents a typical vision pattern when using Velvac 2020 or 2020XG mirrors compared to a typical OE option mirror



2020 VAN AND CAB CHASSIS MIRRORS (cont.)

Model 2020 and 2020XG Mirrors



Standard w/
Wedge
Convex



Deluxe w/ Full Convex



Camera



XG

	Model 2020	Model 2020 Mini-LEM	Model 2020 XG
Vehicle Applications	Ford E Van, GM G Van, GM 3500, Ford Superduty and 650 / 750	Ford E Van, GM G Van, GM 3500, Ford Superduty and 650 / 750	Ford E Van, GM G Van, GM 3500, Ford Superduty and 650 / 750
Standard Body Widths	78", 86", 96", 102"	86", 96", 102"	96", 102"
Finishes	White, Black, Black Arm & Base with Chrome Head	White, Black or Black Arm & Base with Chrome Head	White, Black or Black Arm & Base with Chrome Head
Head Styles Available	Standard and Deluxe	Deluxe	Integrated 2020 Head
Flat Glass	Standard 57 sq inch Deluxe 62 sq inch	62 sq inch	64 sq inch
Convex Glass	Wedge 10 sq inch 8" ROC Full Convex 30 sq inch 12" ROC	30 sq inches - 12" ROC	29 sq inches - 18" ROC
Glass Options	Standard Head - Manual or Heated Remote Deluxe Head-Manual or Heated Remote Flat / Heated Convex	Manual or Heated Remote Flat / Heated Convex	Manual or Heated Remote Flat / Heated Convex
Light Options	Lighted Arm	Lighted Arm or Signal Arrow in Glass	Lighted Head and/or Signal Arrow in Glass
Camera Option		Color or Black and White	

OEM OPTION CODES

Chassis	Option Code	Option Type	Mirror Type	Mirror Information
GM 610 Van	DHC	RPO	96" Black Manual 2020	Mirrors shipped in vehicle by GM
	6M2	SEO	78" Black Manual 2020	
C4500/ C5500	D28	SEO	Deletes OE Manual Mirror	Order a 2020, Mini-LEM or 2020XG mirror from Velvac- refer to information within this catalog for options and part numbers. Motorized mirrors are supplied with mirror and heater switch kit.
	D28 + CQ2	SEO	Deletes OE Motorized Mir	
Ford E-Series "SD" Cutaway	54F	RPO	Mirror Delete	Same as 54F except vehicle now comes equipped with Ford OEM motorized mirror four-way controls switch. Then contact Velvac for special mirror designed for Ford switch and harness*
	54F + 903 + TBD (VSO)	Requires VSO Code	Mirror Delete with VSO Power Mirror Prep Package	

* Need to submit inquiry to Ford for VSO option package



2020 VAN AND CAB CHASSIS MIRRORS (cont.)

2003 and Newer Ford E Van Mirror Application Chart

NEW

Color	Body Width	Head Type*	Flt* Gls	Cx* Gls	Option*	2020 Mirror System			2020 Mini-LEM System with Color Camera			2020XG Mirror System ALL w/ 2020XG heads		
						Pair**	Rt Side	Lft Side	Pair**	Rt Side	Lft Side	Pair**	Rt Side	Lft Side
Black	86"	Std	M			715401	715402	715403						
		Std	H/R			715419	715420	715421						
	96"	Std	M			715404	715406	715405						
		Std	H/R			715422	715424	715423						
		Std	H/R		Ltd.	715455	715456	715457						
		Deluxe	M	M		715449	715450	715451	716593	716594	716595	715899	715900	715901
		Deluxe	H/R	H/M					716605	716606	716607	715905	715906	715907
		Deluxe	H/R	H/M	Ltd.	715437	715438	715439	716641	716642	716643	716346	716348	716347
		Deluxe	H/R	H/M	SO				716623	716624	716625	716343	716344	716345
		Deluxe	H/R	H/M	SO Ltd.				716659	716660	716661			
	102"	Std	M			715407	715408	715409						
		Std	H/R			715425	715426	715427						
		Std	H/R		Ltd.	715458	715460	715459						
		Deluxe	M	M		715452	715454	715453	716590	716592	716591	715923	715924	715925
		Deluxe	H/R	H/M					716602	716604	716603	715929	715930	715931
		Deluxe	H/R	H/M	Ltd.	715440	715442	715441	716638	716640	716639	716322	716324	716323
		Deluxe	H/R	H/M	SO				716620	716622	716621	716319	716320	716321
		Deluxe	H/R	H/M	SO Ltd.				716656	716658	716657			
White	86"	Std	M			715410	715412	715411						
		Std	H/R			715428	715430	715429						
	96"	Std	M			715413	715414	715415						
		Std	H/R			715431	715432	715433						
		Deluxe	M	M					716599	716600	716601	715902	715904	715903
		Deluxe	H/R	H/M					716611	716612	716613	715908	715910	715909
		Deluxe	H/R	H/M	Ltd.	715443	715444	715445	716647	716648	716649	716382	716384	716383
		Deluxe	H/R	H/M	SO				716629	716630	716631	716379	716380	716381
		Deluxe	H/R	H/M	SO Ltd.				716665	716666	716667			
	102"	Std	M			715416	715418	715417						
		Std	H/R			715434	715436	715435						
		Deluxe	M	M					716596	716598	716597	715926	715928	715927
		Deluxe	H/R	H/M					716608	716610	716609	715932	715934	715733
		Deluxe	H/R	H/M	Ltd.	715446	715448	715447	716644	716646	716645	716370	716372	716371
		Deluxe	H/R	H/M	SO				716626	716628	716627	716367	716368	716369
		Deluxe	H/R	H/M	SO Ltd.				716662	716664	716663			
Chrome Head w/ Black Arm and Base	96"	Deluxe	H/R	H/M					716617	716618	716619	715953	715954	715955
		Deluxe	H/R	H/M	Ltd.				716653	716654	716655	716414	716416	716415
		Deluxe	H/R	H/M	SO				716635	716636	716637	716411	716412	716413
		Deluxe	H/R	H/M	SO Ltd.				716671	716672	716673			
	102"	Deluxe	H/R	H/M					716614	716616	716615	715971	715972	715973
		Deluxe	H/R	H/M	Ltd.				716650	716652	716651	716394	716396	716395
		Deluxe	H/R	H/M	SO				716632	716634	716633	716391	716392	716393
		Deluxe	H/R	H/M	SO Ltd.				716668	716670	716669			

* Key to Chart Abbreviations: Std = Standard, M = Manual, H/R = Heated Remote Control Adjustable Glass, H/M = Heated Manual, Ltd. = Lighted Arm (2020), Lighted Head (2020XG), SO = Signal Arrow in Glass, Flt = Flat, Cx = Convex

** All motorized mirror PAIRS include switches and wire harnesses. These items are NOT included when motorized mirrors are sold as sides. **NOTE:** 2020XG Chrome = chrome head with black arm and base

NOTE: Pre-2003 mirror service parts can be found on www.velvac.com by searching with a keyword "1992-2002 Ford"



2020 VAN AND CAB CHASSIS MIRRORS (cont.)

GMC Savana, Express Van and Topkick Medium Duty Truck

NEW

Color	Body Width	2020 Head Type*	Flt* Gls	Cx* Gls	Option*	2020 Mirror System			2020 Mini-LEM System with Color Camera			2020XG Mirror System ALL w/ 2020XG heads		
						Pair**	Rt Side	Lft Side	Pair**	Rt Side	Lft Side	Pair**	Rt Side	Lft Side
Black	78"	Deluxe	M	M		718389-5	718390-5	718391-5						
	86"	Std	M			714601	714602	714603						
		Std	H/R			714604	714606	714605						
		Deluxe	M	M		714591	714592	714593						
	96"	Std	M			714557	714558	714559						
		Std	H/R			714563	714564	714565						
		Std	H/R		Ltd.	714569	714570	714571						
		Deluxe	M	M		714545	714546	714547	716707	716708	716709	715911	715912	715913
		Deluxe	H/R	H/M					716719	716720	716721	715917	715918	715919
		Deluxe	H/R	H/M	Ltd.	714551	714552	714553	716755	716756	716757	716352	716354	716353
		Deluxe	H/R	H/M	SO				716737	716738	716739	716349	716350	716351
		Deluxe	H/R	H/M	SO Ltd				716773	716774	716775			
	102"	Std	M			714560	714562	714561						
		Std	H/R			714566	714568	714567						
		Std	H/R		Ltd.	714572	714574	714573						
		Deluxe	M	M		714548	714550	714549	716704	716706	716705	715935	715936	715937
		Deluxe	H/R	H/M					716716	716718	716717	715941	715942	715943
		Deluxe	H/R	H/M	Ltd.	714554	714556	714555	716752	716754	716753	716328	716330	716329
		Deluxe	H/R	H/M	SO				716734	716736	716735	716325	716326	716327
		Deluxe	H/R	H/M	SO Ltd				716770	716772	716771			
White	96"	Std	H/R			714916	714918	714917						
		Std	M			714910	714912	714911						
		Deluxe	M	M					716713	716714	716715	715914	715916	715915
		Deluxe	H/R	H/M					716725	716726	716727	715920	715922	715921
		Deluxe	H/R	H/M	Ltd.	714904	714906	714905	716761	716762	716763	716388	716390	716389
		Deluxe	H/R	H/M	SO				716743	716744	716745	716385	716386	716387
		Deluxe	H/R	H/M	SO Ltd				716779	716780	716781			
	102"	Std	M			714913	714914	714915						
		Std	H/R			714919	714920	714921						
		Deluxe	M	M					716710	716712	716711	715938	715940	715939
		Deluxe	H/R	H/M					716722	716724	716723	715944	715946	715945
		Deluxe	H/R	H/M	Ltd.	714907	714908	714909	716758	716760	716759	716376	716378	716377
		Deluxe	H/R	H/M	SO				716740	716742	716741	716373	716374	716375
		Deluxe	H/R	H/M	SO Ltd				716776	716778	716777			
Chrome	96"	Deluxe	H/R	H/M					716731	716732	716733	715962	715964	715963
		Deluxe	H/R	H/M	Ltd.				716767	716768	716769	716420	716422	716421
		Deluxe	H/R	H/M	SO				716749	716750	716751	716417	716418	716418
	102"	Deluxe	H/R	H/M	SO Ltd				716785	716786	716787			
		Deluxe	H/R	H/M					716728	716730	716729	715980	715982	715981
		Deluxe	H/R	H/M	Ltd.				716764	716766	716765	716435	716436	716437
		Deluxe	H/R	H/M	SO				716746	716748	716747	716397	716398	716399
		Deluxe	H/R	H/M	SO Ltd				716782	716784	716783			

* Key to Chart Abbreviations: Std = Standard, M = Manual, H/R = Heated Remote Control Adjustable Glass, H/M = Heated Manual, Ltd. = Lighted Arm (2020), Lighted Head (2020XG), SO = Signal Arrow in Glass, Flt = Flat, Cx = Convex

** All motorized mirror PAIRS include switches and wire harnesses. These items are NOT included when motorized mirrors are sold as sides. **NOTE:** 2020XG Chrome = Chrome head with black arm and base.

NOTE: GMC Silverado mirror assemblies can be found on www.velvac.com by searching with a keyword "Silverado"



2020 VAN AND CAB CHASSIS MIRRORS (cont.)

Ford Super Duty F-250 to F-750

NEW

Color	Body Width	2020 Head Type*	Flt* Gls	Cx* Gls	Option*	2020 Mirror System			2020XG Mirror System ALL w/ 2020XG heads		
						Pair**	Rt Side	Lft Side	Pair**	Rt Side	Lft Side
Black	86"	Std	M			715141	715154	715153			
		Std	M			714527	714528	714529			
	96"	Std	H/R			714533	714534	714535			
		Std	H/R		Ltd.	714539	714540	714541			
		Deluxe	M	M		714515	714516	714517	716355	716356	716357
		Deluxe	H/R	H/M					716358	716360	716359
		Deluxe	H/R	H/M	Ltd.	714521	714522	714523	716364	716366	716365
		Deluxe	H/R	H/M	SO				716361	716362	716363
		Std	M			714530	714532	714531			
		Std	H/R			714536	714538	714537			
		Std	H/R		Ltd.	714542	714544	714543			
		Deluxe	M	M		714518	714520	714519	716331	716332	716333
		Deluxe	H/R	H/M					716334	716336	716335
		Deluxe	H/R	H/M	Ltd.	714524	714526	714525	716340	716342	716341
		Deluxe	H/R	H/M	SO				716337	716338	716339
White	102"	Deluxe	H/R	H/M	Ltd.	715131	715132	715133			
Chrme	96"	Deluxe	H/R	H/M					716423	716424	716425
		Deluxe	H/R	H/M	Ltd.	715859	715860	715861	716429	716430	716431
		Deluxe	H/R	H/M	SO				716426	716428	716427
	102"	Deluxe	H/R	H/M					716402	716404	716403
		Deluxe	H/R	H/M	Ltd.				716408	716410	716409
		Deluxe	H/R	H/M	SO				716405	716406	716407

* Key to Chart Abbreviations: Std = Standard, M = Manual, H/R = Heated Remote Control Adjustable Glass, H/M = Heated Manual, Ltd. = Lighted Arm, Chrme = Chrome, SO = Signal Arrow in Glass

** All motorized mirror PAIRS include switches/harnesses. These items NOT included when motorized mirrors are sold as sides.

2020 Mini-LEM with Black & White Camera (see pages 21 and 22 for color cameras)

NEW

Color	Body Width	Head Type*	Flt* Gls	Cx* Gls	For 2003 and Newer Ford Econoline			For GMC Topkick Medium Duty Truck, Savana and Express Van		
					Pair**	Rt Side	Lft Side	Pair**	Rt Side	Lft Side
Black	96"	Deluxe	M	M	716563	716564	716565	716677	716678	716679
		Deluxe	H/R	H/M	716575	716576	716577	716689	716690	716691
	102"	Deluxe	M	M	716560	716562	716561	716674	716676	716675
		Deluxe	H/R	H/M	716572	716574	716573	716686	716688	716687
White	96"	Deluxe	M	M	716569	716570	716571	716683	716684	716685
		Deluxe	H/R	H/M	716581	716582	716583	716695	716696	716697
	102"	Deluxe	M	M	716566	716568	716567	716680	716682	716681
		Deluxe	H/R	H/M	716578	716580	716579	716692	716694	716693
Chrme	96"	Deluxe	H/R	H/M	716587	716588	716589	716701	716702	716703
	102"	Deluxe	H/R	H/M	716584	716586	716585	716698	716700	716699

* Key to Chart Abbreviations: Std = Standard, M = Manual, H/R = Heated Remote Control Adjustable Glass, H/M = Heated Manual, Ltd. = Lighted Arm (2020), Lighted Head (2020XG), SO = Signal Arrow in Glass, Flt = Flat, Cx = Convex

** All motorized mirror PAIRS include switches and wire harnesses. These items are NOT included when motorized mirrors are sold as sides.



2020 VAN AND CAB CHASSIS MIRRORS (cont.)

Model 2020SS Shuttle Mirror System

NEW

- Door / Fender mirror systems available to fit both GM G Van and Ford E Van Chassis
- Available in both 96" and 102" wide body widths (contact Velvac for other body width applications)
- Superstar™ manual mirror with unitized flat and convex glass system
 - 51.5 sq. in. flat glass
 - 23.5 sq. in. convex glass with 12" radius glass
- Deluxe mirror with independently adjustable flat and convex glass
 - 63 sq. in. flat glass
 - 30 sq. in. convex with 12" radius glass
 - Available options include
 - + Manual
 - + Heated Remote flat glass - heated convex
 - + Heated Remote flat and convex glass
 - + Turn signal arrow in flat glass*
 - + Integral camera in lower housing of mirror head*
- Complete mirror system includes left side door mirror, right side fender mirror, installation hardware and all necessary switches and wiring



Deluxe mirror head with integral camera and signal arrow

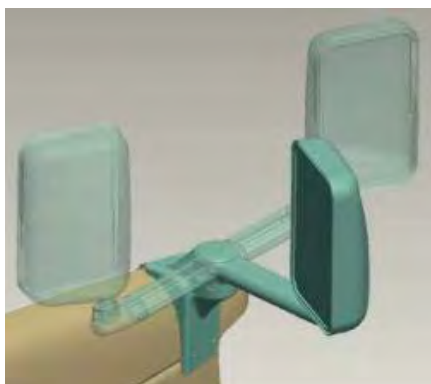


Superstar manual mirror head



Right Side Fender Mount with Spring Loaded Fold Away Pivot

Right Side Fender Mount with Spring Loaded Fold Away Pivot



Left Side 2020 Door Mount Mirror with Deluxe Mirror Head

System Options Description	Head Type	Body Width	GM G VAN			FORD E VAN		
			Pair	RS	LS	Pair	RS	LS
Manual	Superstar	96"	718503	718502	718501	728503	728502	728501
		102"	718506	718504	718505	728506	728504	728505
Manual	Deluxe	96"	718525	718526	718527	728525	728526	728527
		102"	718530	718528	718529	728530	728528	728529
Remote Only - Flat Glass	Deluxe	96"	718509	718508	718507	728509	728508	728507
		102"	718512	718510	718511	728512	728510	728511
Heated Remote - Flat Glass - Heated Convex	Deluxe	96"	718515	718514	718513	728515	728514	728513
		102"	718518	718516	718517	728518	728516	728517
Heated Remote - Both Flat and Convex	Deluxe	96"	718521	718520	718519	728521	728520	728519
		102"	718524	718522	718523	728524	728522	728523

Superstar™ is a trademark of Velvac, Inc.

*Contact Velvac, Inc. for part numbers and availability



2020 MIRROR REPLACEMENT PARTS

2020 and 2020XG Mirror Replacement Parts and Accessories

NEW



Deluxe Head



Standard Head



MIRROR HEADS

	2020 Deluxe Head		2020 Standard Head		2020XG Mirror			
	RS	LS	RS	LS	RS	LS	RS	LS
					GM		FORD	
White Manual			714576	714576	715988	715987	715988	715987
White H/R Flat - Man Convex	714590	714589	714578	714578	716054	716053	715992	715991
White H/R with lower marker lamp					716524	716523	716507	716506
White H/R with signal arrow					716518	716517	716500	716501
Black Manual	714580	714579	714575	714575	715986	715985	715986	715985
Black H/R Flat - Man. Convex	714582	714581	714577	714577	716012	716011	715990	715989
Black H/R with lower marker lamp					716522	716521	716505	716504
Black H/R with Signal Arrow					716516	716515	716498	716499
Chrome H/R Flat	714608	714607			716056	716055	715998	715997
Chrome H/R with lower marker lamp					716526	716525	716508	716509
Chrome H/R with Signal Arrow					716520	716519	716502	716503
Black 2015 Replacement Head***			714256	714256				
White 2015 Replacement Head***			714258	714258				
GLASS KITS								
*Manual Flat Glass			709407	709407				
Htd Flat/for manual and htd glass	709448	709448	709748	709748	716104	716103	716104	716103
Heated Flat with Signal arrow	709674	709673			709994	709995	709994	709995
Htd Convex-for manual & htd glass	709449	709449			709932	709931	716106	716105
**Convex repair kit	709589	709589						
Wedge Stick on Convex Only			723068	723068				
Flat glass retaining clip					709422	709422	709422	709422
Convex glass retaining clip					709855	709855	709855	709855

*Includes bezel and Wedge convex

**Includes glass, inner housing, clip and actuator

H/R = heated/remote

***Model 2015 Replacement Head only, same head used for both left & right sides

Model 2020 Parts



Light



Harness



Switch Kit.

Part No.	Description
747524	Switch Kit Ford E Van
747632	Switch Kit GM G Van and C 3500
747633	Switch Kit Ford F Superduty 650 - 750
748304	12' HR Wire Harness Pass Door to Driver Door
747551	Marker light below elbow
709785	Cover Plate Kit for GMC Top Kit (includes plate, gasket and hardware)

Model 2020XG Parts



Switch Kit



Harness



Arm Covers

Part No.	Description	Part No.	Description
747855	Switch Kit Ford E Van	716107	Black 96" Arm Cover Kit*
747856	Switch Kit GM G Van and C 3500	716113	Black 102" Arm Cover Kit*
747901	Switch Kit Ford F Superduty 650 - 750	716109	White 96" Arm Cover Kit*
747863	12' HR Wire Harness Pass Door to Driver Door Fits Ford or GM	716115	White 102" Arm Cover Kit*
709993	Marker light	* Kit is for a pair, includes hardware	



CLASS A RV, BUS AND TRUCK MIRRORS

Velvac's line of side mount and corner mount mirrors are designed with a focus on safety, quality and styling. Typical applications include Class A motorhomes, motorcoach, fire truck and rescue vehicles. Produced from high quality materials, these mirrors can be configured to meet specific customer and application requirements

Mirror Systems

Model 2025



*Shown with
Deluxe Head*

Revolution™



*Shown with
V-MAX™ head*

Model 2030



*Shown with Deluxe
Head and add-on
Top Hat™ Convex*

- Mirror system mounts to the flat side of the vehicle allowing the mirror to be viewed through the side window
- Mirror base pivot system mounts to flat side of vehicle and allows mirror to be folded forward or back upon impact of for vehicle storage
- Corner mounting base available with 9", 10", 11", 12" or 15" radius - contact Velvac for custom applications
- Mirror arm lengths available from 10", 12", 14" or 17". This allows mirrors to be viewed through the windshield or side windows

Available Features / Options

- Deluxe, V-MAX™ or V-MAX III™ mirror heads
- Top Hat™ add on convex for Deluxe head
- Chrome plated or powder coated finish
- Easily replaceable manual or heated remote glass
- Lower marker lamp on arm or Signal Arrow in the flat glass
- Lower LEM camera with LED marker lamp

Mirror Heads



Deluxe



V-MAX



V-MAX III

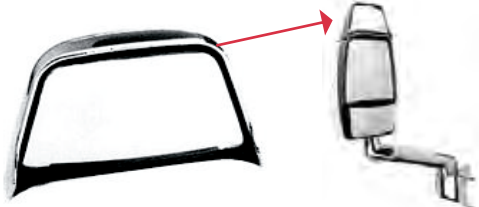


V-MAX III with LEM

Mirror Head	Flat Glass		Lower Convex Glass			Upper Convex Glass		
	Sq Inch	Size	Sq Inch	Size	Radius	Sq Inch	Size	Radius
Deluxe	62.3	8" x 8"	30	8" x 4"	12"	N/A	N/A	N/A
V-MAX	98.7	8" x 13"	30	8" x 4"	21"	N/A	N/A	N/A
V-MAX III	72.5	8" x 9"	30	8" x 4"	21"	26.4	8" x 3.3"	21"
Top Hat	N/A	N/A	N/A	N/A	N/A	17.8"	6" x 3.5"	12.5"

Revolution™, V-Max™, V-MaxIII™ and Top Hat™ are trademarks of Velvac, Inc.

Top Hat Add-On Convex Mirror



- Installs easily on top of Deluxe head for added visibility of blind spots or other vision targets
- Fits on either driver side or passenger side mirror

Part No.	Description
715372	Black Top Hat
715373	White Top Hat
715374	Chrome Top Hat



CLASS A RV, BUS AND TRUCK MIRRORS (cont.)

REPLACEMENT HEADS AND GLASS KITS

NEW

Finish	Deluxe	V-MAX	V-MAX III	V-MAX LEM 2025 Base	V-MAX LEM 2030 Base	V-MAX III LEM 2030 Base	Top Hat
White RS	714590	714946	—	—	—	—	715373**
White LS	714589	714947	—	—	—	—	—
Black RS	714582	714944	716146	716208	716190	716154	715372**
Black LS	714581	714945	716147	716207	716189	716155	—
Chrome RS	714608	714942	716144	716206	716188	716152	715374**
Chrome LS	714607	714943	716145	716205	716187	716153	—
GLASS KITS							
Heated Flat Right or Left	709448	709450	709732	709450	709732	709732	
Heated Flat with Blinker RS	709674	709624	709702	709624	709702	709702	
Heated Flat with Blinker LS	709673	709623	709701	709623	709701	709701	
Lower Convex RS / LS	709449	709650	709650	709650	709650	709650	
Upper Convex Glass	—	—	709733	—	709733	709733	
Lower Convex Housing RS / LS	709589	709651	709651	709651	709651	709651	

*RS = Right Side, LS=Left Side ** Top Hat fits either driver side or passenger side

NOTE: All heads shown are heated remote flat glass. Camera not included with replacement LEM heads
see WWW.VELVAC.COM or contact us directly for additional service parts or assistance .

Mirror Covers / Bras and Wiper Covers

Fitted Covers and Bras

NEW

- Fitted covers and bras constructed from ultra Hi-grade, eight way stretch vinyl for durability and easy care
- Extreme duty plastic/stainless zipper for easy, quick on/off
- Protects mirror mechanisms and mirror chrome/finish from damaging air borne contaminants and salt build up
- Protects against bees, wasps, mud daubers and birds.
- Provides a glove-like custom fit
- The bra clips on to the side of the mirror- glass remains visible

Slipcovers and Wiper Covers

- Slipcovers and wiper covers are made of 100% Textilene, a woven polyester mesh fabric coated with PVC
- Blocks up to 80% harmful UV rays and heat
- Outdoor fabric for warmer climates, open weave allows the air to circulate and not retain moisture



Fitted Covers and Bras

Part No.	Description
744005	Standard Fitted Cover
744006	Deluxe Fitted Cover
744007	Triple Glass Fitted Cover
744008	V-MAX Fitted Cover
744009	V-MAX w/TH Fitted Cover
744012	Standard Head Bra
744013	Deluxe Head Bra
744014	Triple Glass Bra
744015	V-MAX Bra
744016	V-MAX with TH Bra

*TH = Top Hat



Slipcovers and Wiper Covers

Part No.	Description
744001	15" Black Slipover Cover
744002	20" Black Slipover Cover
744003	28" Wiper Blade Cover
744004	33" Wiper Blade Cover

See page 109 for our complete line-up of wiper blades!

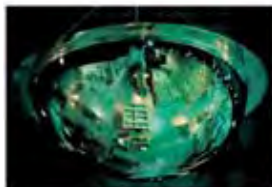
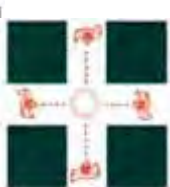
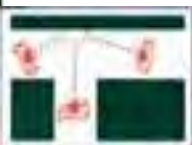
Mirror Polish



Part No.	Description
747785	Flitz Metal Polish (5.29 oz)
747786	Flitz Microfiber Polishing cloth (16" x 16")

NEW

To help to keep your chrome mirrors looking GREAT we recommend the use of **Flitz chrome metal polish**. It is specially important to clean the chrome prior to long vehicle storage or to remove road salts which can lead to oxidation or the loss of chrome adhesion.

K-10® Hemisphere® Mirrors**NEW***360° Hemisphere**180° Hemisphere**90° Hemisphere*

- Provides a bright distortion-free view of an entire area, allowing in-plant vehicles and/or personnel to move safely through the facility
- 360 degree can be suspended from ceiling to see blind corners
- 180 degree for use in a 3-way "T" corridor and other areas where enhanced wide-angle viewing is required
- 90 degree for use in 2-way "L" hallways and intersections fitting perfectly against the ceiling for superb visibility around blind corners
- Pendulum-style hanging kit is available for 30-42" sizes. Smaller sizes attached to T-bar ceilings with specially provided mounting clips and are pre-drilled for screw mounting

Diameter	Degree View			Ceiling Ht
	90	180	360	
18"	—	730209 <i>HT18180</i>	730200 <i>HF18360</i>	Up to 8'
24"	730204 <i>HL24090</i>	730210 <i>HT24180</i>	730201 <i>HF24360</i>	8' to 10'
30"	730206 <i>HL30090</i>	730212 <i>HT30180</i>	730214 <i>HF30360</i>	10' to 12'
36"	—	730215 <i>HT36180</i>	730202 <i>HF36360</i>	12' to 15'
42"	—	730129 <i>HT42180</i>	730128 <i>HF42360</i>	15' and up

Ceiling Mirror Tile

Part No.	Description
702155 <i>HFT24360-T</i>	24" X 24" 360° Tile for suspended ceilings

Installation Kits

Part No.	Description
730194 <i>IK30</i>	30" Pendulum Style installation kit
730195 <i>IK36</i>	36" Pendulum Style installation kit
730196 <i>IK42</i>	42" Pendulum Style installation kit

K-10® Wall-Eye® Mirror**NEW**

Conveniently flush mounted to the wall at eye-level, the K-10 Wall-Eye Mirror, provides more than 180° of enhanced visibility, enabling persons entering hallways and corridors to move safely through them. This new mirror concept provides the visibility of two convex mirrors mounted side-by-side and is easily installed where doorway headers obstruct traditional ceiling mounted mirrors.

Part No.	Description
730116 <i>WE18</i>	18" diameter, flush mount against the wall
730117 <i>WE18-HD</i>	18" diameter, ABS back includes adjustable mounting brackets

*K-10 Hemisphere® and Wall-Eye® are registered trademarks of Velvac, Inc

K-10 Convex Observation Mirrors**NEW**

Full Round Indoor



Oblong Indoor

Heavy Duty*
Full Round
Outdoor

ABS back

Full Round Indoor Mirror

- Ideal wherever **detailed** observation and monitoring is required where employees and equipment cross paths. Includes hardware and swivel for mounting

Oblong Indoor Mirror

- Bright distortion-free images allow excellent safety vision and traffic control as well as quality inspection viewing of assembly lines or machinery production areas
- Ideal for overhead safety and detailed vision situations with limited space, includes hardware and mounting bracket

Heavy Duty Full Round Outdoor

- Perfect for **outdoor** safety and security. Installation in blind alleys, loading docks, parking ramps or garages. Includes ABS back and hardware for swivel mounting

	Indoor	Outdoor/HD
Diameter	Part No.	Part No.
12"	730101* (FRD012-HD)	730101* (FRD012-HD)
16"	730102 (FRD016)	730103 (FRD016-HD)
18"	730123 (FRD018)	730104 (FRD018-HD)
24"	730124 (FRD024)	730105 (FRD024-HD)
26"	730125 (FRD030)	730121 (FRD026-HD)
30"	730106 (FRD030)	730122 (FRD030-HD)
36"	730107 (FRD036)	730108 (FRD036-HD)

Oblong Indoor Only	
Size	Part No.
24" x 18"	730111 (OB2418)
30" x 24"	730112 (OB3024)
36" x 24"	730114 (OB3624)
36" x 30"	730115 (OB3630)
24" x 16"	730126 (OB2416-HD*)

*Custom for off-road equipment

Mirror diameter in inches should be equal to viewing distance in feet. (For example, a 16" mirror should be used for viewing 16' away.) If mirror is to be used for security a larger diameter is recommended because of image clarity.

*Part 730101 can be used indoor or outdoor

K-10 Observation Window**NEW**

- Clear Polycarbonate bubble window
- 360 degrees
- Permits easy viewing of high stress areas before or without entering

Part No.	Size
702157 (PBW-18)	18" dia x 1/4" x 6" deep

K-10 Lift Truck Mirror**NEW**

- Reduces lift truck operator blind spots
- Operator's image will not obstruct the view
- Driver not only sees to the side and behind, but can also see the load directly in front

Part No.	Description
716911 (ELBTS-45S-B)	8" Black Eyeball
708618	4.5" X 7.5" Standard Lift Truck Mirror



BRACKETS, CLAMPS AND ACCESSORIES

Clamp and Tubing Arm Kits for 6", 8" and 8-1/2" Mirror Heads



- Ideal for adding an auxiliary spot mirror to existing loop or brace
- For 3/4" O.D. tubing
- Plastic coated clamp for secure grip and mar resistance
- Overall length 6"

Part No.	Description
723057	Stainless Steel
748269	UPS Brown Power-Coated Galvanized Steel

"L" Style Locking Bracket



- Sturdy 1/8", 11 gauge construction
- Pivot hole accepts 5/16" and 3/8" bolts
- Slotted hole provides additional mirror head adjustment
- Ideal for mounting Velvac DuraBall® convex and all other convex mirrors

Part No.	Description
723100	Stainless Steel
Replaces Velvac Part No. 723080	

Bracket Mount Mirror



- Attaches easily to West Coast mirror bracket on any truck
- All stainless steel construction

Part No.	Description
712648	Two Arm Bracket

Bracket and hardware ONLY- mirror head sold separately (see pages 6 - 8)

Clamp and Tubing Arm Kit for 5" and 6" Plastic Mirror Heads



- Stainless steel formed tube arm
- Zinc plated steel clamp
- Ideal for adding an auxiliary spot mirror to existing loop or brace
- For 5/8" and 3/4" O.D. tubing
- Overall length 5-7/16"

Part No.	Description
723049	Stainless Steel Tubing

Adjustable Tubing Arms



- Universal adjustable support
- 10-1/2" long threaded led with extension adjustment from 19" to 25"
- Threaded leg can be cut to reduce minimum overall length
- Available in stainless steel and powder-coated galvanized steel finishes

Part No.	Description
747070	Stainless Steel
747072	Black

Fender Mount Extension Bracket



- Adjustable from 13-1/2" to 17-1/2"
- Bell mount base provides extra support
- Stainless steel construction
- Mounting hardware included

Part No.	Description
723047	Fender Mt Ext Bracket

Bracket and hardware ONLY- mirror head sold separately (see pages 6 - 8)

6" Pivot Bolt Mounting Bracket



- Ideal for adding an auxiliary spot mirror below a West Coast mirror head
- Stainless steel construction
- Overall length 4-7/8"

Part No.	Description
723055	For 5/6" and 3/8" Pivot Bolts

Sleeve and Nut Kit



- For conventional and step van brace and adjustable bracket assemblies
- Brass sleeve and chrome nut

Part No.	Description
748215	Sleeve and Nut Kit

Switch Kit for Heated Mirrors



- Dash mounted kit controls one to two heated mirror heads

Part No.	Description
747053	Switch Kit for Htd Mirror



BRACKETS, CLAMPS AND ACCESSORIES (cont.)

Nylon Clamp Kit for 3/4" O.D. Tubing



- Non-corrosive black nylon clamp
- Recessed fasteners provide a custom look
- Kit includes clamp and hardware

Part No.	Description
748416	Clamp Kit - Includes Clamp and Hardware for 3/4" O.D. Tubing

Clamp Kit for 1" O.D. Tubing



- Used to mount side and stud mount mirror heads to 1" O.D. tubing
- Plastic coating for secure grip and mar resistance
- Kit includes stainless steel clamp and mounting bolt

Part No.	Description
704070	Clamp Kit for 1" O.D. Tubing

Tubing Brace Clamp Kit for 3/4" O.D. Tubing



- Used to support tubing arms on loop assemblies - *not for installing mirror heads*
- Kit includes stainless steel clamp and mounting hardware

Part No.	Description
748029	Tubing Brace Clamp Kit for 3/4" O.D. Tubing

Clamp Kit for 3/4" O.D. Tubing



- Used to mount side and stud mount mirror heads to 3/4" O.D. tubing
- Plastic coating for secure grip and mar resistance
- Kit includes stainless steel clamp and mounting bolt

Part No.	Description
704068	Clamp Kit for 3/4" O.D. Tubing

Flat Clamp Kit for 3/4" O.D. Tubing



- Used to mount West Coast mirror heads to 3/4" O.D. tubing - mounts on horizontal leg of loop
- Plastic coating for secure grip and mar resistance
- Kit includes stainless steel clamp and mounting hardware

Part No.	Description
704066	Flat Clamp Kit for 3/4" O.D. Tubing

Clamp Kit for 5/8" O.D. Tubing



- Used to mount side and center mount mirror heads to 5/8" O.D. tubing
- Kit includes two-piece aluminum clamp and stainless steel mounting hardware

Part No.	Description
704069	Clamp Kit for 5/8" O.D. Tubing

Standard Mounting Cabfeet Kits

- Used on non-preset style loops
- Heavy-duty 90° bracket permits a variety of mounting applications
- Cabfeet mounting holes are 2" on center
- Available in stainless steel and powder-coated galvanized steel finishes
- Kits include cabfeet and hardware to mount one pair of mirrors



Part No.	Description
757015	Stainless Steel
757016	White

Twist Clamp Kit for 3/4" O.D. Tubing



- Used to mount West Coast mirror heads to 3/4" O.D. tubing - mounts on vertical leg of loop
- Plastic coating for secure grip and mar resistance
- Kit includes stainless steel clamp and mounting hardware

Part No.	Description
704065	Twist Clamp Kit for 3/4" O.D. Tubing



BRACKETS, CLAMPS AND ACCESSORIES (cont.)

Non-Preset Pivot Kit



- Replacement kit for mirrors with Velvac non-preset pivot end and Velvac mirrors with standard pivot
- 5/16" - 18 x 1" stainless steel bolt
- Kit contains parts for one complete non-preset pivot end

Part No.	Description
748012	Non-Preset Pivot Kit

Rubber Preset Pivot Kit



- Replacement kit for mirrors with Velvac rubber preset pivots and Velvac mirrors with rubber washer style preset
- 5/16" - 18 x 1-1/2" stainless steel bolt
- Kit contains parts for one complete preset pivot end

Part No.	Description
748009	Rubber Preset Pivot Kit

Spring Preset Pivot Kit



- Replacement kit for mirrors with standard Velvac spring preset systems and UPS walk-in vans with Velvac mirrors
- Can be used to upgrade mirrors with rubber washer preset to a spring preset for improved pivot action
- Stainless steel rivet plate extends live of loop and improves pivot action on mirrors with worn preset rivets
- 5/16" - 18 x 2" stainless steel bolt
- Kit contains parts for one complete spring preset pivot end

Part No.	Description
712979	Spring Preset Pivot Kit

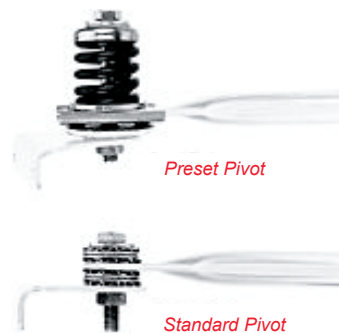
Preset Rivet Plate



- Designed for use on all Velvac preset loops except those with tension control stop preset as found in kit Part No. 748371
- Two stainless steel rivet plates extend life of loop and improve pivot action on mirrors with worn preset rivets
- Mounts easily between existing mirror loop and preset lock plate

Part No.	Description
748377	Preset Rivet Plate Kit

Heavy-Duty Preset and Pivot Upgrade Kit



- Designed for use on all Velvac preset loops except those with tension control stop preset as found in kit Part No. 748371
- Improves pivot holding force on mirrors with large loops or large/heavy mirror head combinations
- Unique spring/washer combination retains pivot system torque to keep mirror in set viewing position until moved and provides superior detent action for foldaway applications
- Life cycle tested to over 50,000 pivot cycles
- Preset rivet plate fits over existing preset rivets to extend life of loop and improve cycle performance
- Easy retrofit - can be completed without taking mirror assembly off the vehicle
- 5/16" - 18 x 1-3/4" stainless steel pivot bolt and 5/16" - 18 x 2" stainless steel preset bolt
- Kit contains all upper and lower pivot hardware for one mirror assembly

Part No.	Description
748355	Heavy-Duty Preset and Pivot Upgrade Kit

NOTE : Kit can be used to upgrade mirror loops with standard rubber or spring preset systems (similar to Part No. 748009 or 712979 detailed on this page) order one Part No. 748355 per side

Camera and Observation Systems

- Building a camera and observation system is fast and easy.
- Follow the steps below by first determining the target areas you wish to view, and then select the cameras, brackets and monitors to meet those needs
- All components are designed to easily connect and work together to produce a seamless system to meet all your vision and blind spot viewing requirements

Determine which blind spot area you wish to see-side view, rear view or both

*Side View**Rear View**Side and Rear View*

Choose a camera or cameras to meet your viewing and blind spot needs

Side View Cameras

- Velvac offers both traditional mount side view cameras shown below, as well as side view CMOS cameras integrated into the Velvac 2020 Mini-LEM and V-MAX and V-MAX III LEM mirror systems

*2020 Mini-LEM-see page 18-25**V-MAX III-see page 26**Fixed Side Mount***Fixed Side Mount Camera**

- High resolution color
- LED low light enhancement
- Waterproof housing
- Viewing angle: 95° H, 75° V
- Power 12Vdc
- Cylindrical 3/4" through hole mount

NEW

Part No.	Side	Housing
709941	Left	Gray primer
709942	Right	Gray primer
709949	Left	Chrome
709948	Right	Chrome

Back-up Cameras

- Velvac offers a variety of rear vision cameras including our exclusive flush mount back-up camera as well as adjustable block style and fixed mount cameras
- Flush mount back-up and fixed top mount cameras feature digital CMOS* image processing while adjustable bracket cameras utilize CCD* image technology. While both provide great image clarity, CMOS cameras help to reduce blooming effects caused by headlights and direct sun. The addition of infrared LED provides visibility even in low light or no light conditions

*Flush Mount Back-up Camera***Flush Mount Back-up Camera**

- Integrated flush-mount provides clean appearance with no exposed wires or hardware
- Camera angle preset to provide the optimum visibility with no adjustments
- LED low light enhancement
- Excellent low light/high bright performance w/IR LED assist
- Utilizes high performance color optics Super CMOS technology with 95° vert FOV
- Includes backing plate, gasket and hardware

NEW

Part No.	Description
709910	Flush Mtd. Rear-view

* CMOS- Complimentary Metal Oxide Semiconductor, CCD- Charged Couple Device



CAMERA AND OBSERVATION SYSTEMS (cont.)

Adjustable Back-up Camera



Part No. 709952



Part No.
710011

NEW

- Manually adjustable camera mounting angle with external aluminum bracket and SS hardware
- Built-in microphone for enhanced safety with audio output (through the monitor) while backing
- LED low light enhancement
- Waterproof housing
- Power 12Vdc
- External bracket mount and mounting hardware included

Part No.	Hsg. Color	Camera	Viewing	
			H	V
709912	White	Color	104°	78°
709952	Black	Color	104°	78°
709964	White	B&W	120°	90°
709965	Black	B&W	120°	90°
710011	Black	Color	120°	90°

Fixed Top Mount Back-up Camera



NEW

- High resolution color
- LED low light enhancement
- Waterproof housing
- Integrated flush-mount provides clean appearance with no exposed wires or harnesses
- Viewing angle: 75°H, 95° V
- Power 12Vdc
- Cylindrical 3/4" through hole mtd

Part No.	Description
709950	Gray primer housing
709951	Chrome housing

Select a Monitor



Part No. 709915



Part No. 709916

NEW



Part No. 716314

- Velvac's color 5.6" and 7" LCD monitors are designed for heavy duty and commercial truck applications- built and tested to withstand extreme road conditions such as vibrations, electrostatic discharge, humidity and temperature changes and to deliver high quality images to the driver.
- 5", 5.6" and 7" monitors include audio speaker with volume
- Velvac's 3.5" color monitor in a rear view mirror provides the ultimate in safety and convenience. The image is invisible while in drive and only activates when the camera trigger is engaged.

Part No.	Screen	Camera					
		Inputs	Power	Width	Height	Depth	Mounting
709915	5.6" Color LCD	(2) A/V	12V dc	5.875"	5.25"	1.25"	4-hole amps pattern
709916	7" Color LCD	(3) A/V	12V dc	7.75"	5.25"	1.25"	4-hole amps pattern
709953	7" Multi* Color LCD	(4) A/V	12V dc	7.75"	5.25"	1.25"	4-hole amps pattern
716314	3.5" Color LCD	(1) A/V	9-16V	9.45"	3.63"	1.5"	Universal windshield mt.

* Part No. 709953 includes multi-image view modes- split screen (2-way), tri-view (3-way), and quad view (4-way); ALL other monitors have single screen viewing capability

NOTE: Monitors 709915, 709916 and 709953 require the addition of mounting brackets shown on page 35.

CAMERA AND OBSERVATION SYSTEMS (cont.)

Select a Monitor Mount and Cables

Cable quantity and length will vary based on number of cameras and distance from camera to monitor

Cable and Mounting Accessories



- Measure length from camera to monitor
- Select cable from chart below
- Cables can be connected together to create various lengths

Part No.	Description
747850	15' LCD cable
747864	25' LCD cable
747865	34' LCD cable
747866	50' LCD cable
747867	75' LCD cable
747881	24' CRT cable
747882	34' CRT cable
747883	65' CRT cable



Part No. 790563



Part No. 790564



Part No. 790567

Part No.	Description
790563	4" Single knuckle monitor mount (4-hole amps pattern) bracket with thumbscrew
790564	6" Double knuckle monitor mount (4-hole amps pattern) bracket with thumbscrew
790567	Dropdown Overhead 7" monitor mount bracket
790573	Stationary Overhead 7" monitor housing and bracket

Three Camera Controller



- Allows a single camera input monitor to be converted to accept (3) cameras simultaneously
- This controller allows different views to automatically engage based on triggers for left/right turn signals or reverse.

- This flexible control box can be wired for full time viewing of the rear camera, if needed

Part No.	Description
716318	(3) Camera Controller

Back-up Camera Kits

NEW



Part No. 709921

- Velvac has assembled several standard kits for ordering convenience- single part number ordering
- Contact Velvac for your custom kit requirements

Kit Part No.	Kit Includes Part No.	Back-up Camera Kit Description
709921	709912	Color Camera
	709915	5.6" monitor
	790563	4" monitor mt
	747865	34' cable
709954	709912	Color Camera
	709916	7" monitor
	790563	4" monitor mt
	747865	34' cable