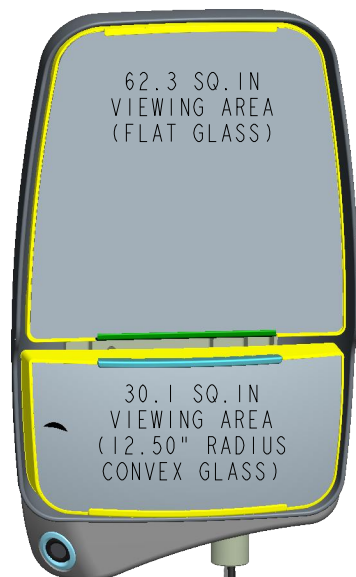




LEFT HAND SIDE SHOWN.
RIGHT HAND SIDE OPPOSITE.
Se muestra el lado izquierdo.
El lado Derecho es lo opuesto.

T SEE TORQUE SPECIFICATION #EPM00032
Vea la especificación de torque #EPM00032

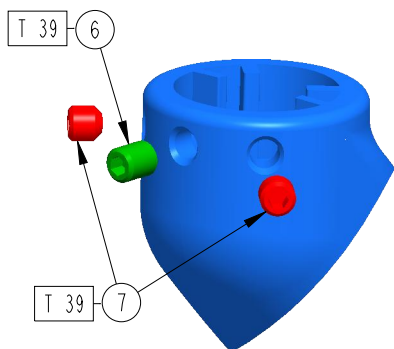
7191610 SHOWN
7191610 Muestra

NOTE: FOR MORE DETAIL ON MIRROR HEADS,
SEE DRAWING #7191010
Nota: Para más detalles sobre cabezas
de espejo, ver dibujo #7191010

SLIDE WIRE HARNESS #9 y #12 THRU GASKETS
#4 AND #8 BEFORE ASSEMBLING CAP HOUSING.
Deslice el Arnes de Cables #9 y #12
a través del Gasket #4 y #8 antes de
ensamblar los Conectores.

ADHESIVE SIDE OF GASKET (#4)
FACES TOWARDS MIRROR BASE.
El lado adhesivo del
gasket (#4) frente hacia
la Base del Espejo.

APPLY LUBE #19 TO SET SCREW #6
AND #7, INSIDE SURFACE OF CLAMP #5.
Aplicar lubricante #19 al tornillo
Opresor #6 y #7, en la superficie
interior del clamp #5.

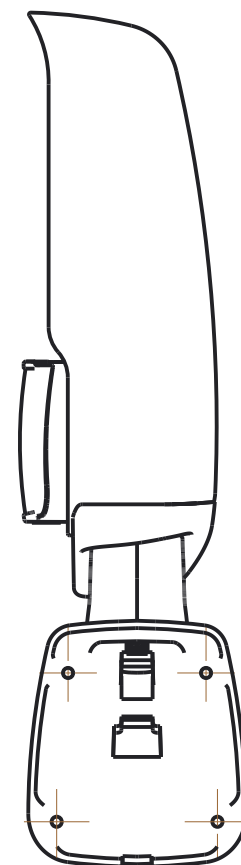


SCALE 0.500

FUNCTIONAL REVISIONS:
ALL REVISIONS WITH SOLID
TRIANGLE ARE USABLE

REVISIONS			
03	08-02-13	SAS	
PROJECT #3625			
ITEM #12 WAS 7451290 FOR			
719166, 719167, 719168			
▲ 04	09-17-13	SAS	
ECN #E13011			
▲ 04	ADDED 719156-42		
▲ 05	01-02-14	SSI	

 MAJOR CHARACTERISTIC	PRO	 VELVAC®	REV
			05
TOLERANCES			
2 DECIMAL $\pm .01$ 3 DECIMAL $\pm .005$ ANGULAR $\pm 1^\circ$ UNLESS OTHERWISE SPECIFIED		2025 MIRROR ASSEMBLY WITH DELUXE MIRROR HEAD WITH MINI LEM	
PROPRIETARY			
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	DATE: 06-19-13		
	SCALE: 0.200		
	SHEET 1 OF 4		
		*7191510	



2025 MIRROR ASSY HEATED/REMOTE FLAT GLASS HEATED/MANUAL CONVEX GLASS WITH COLOR CAMERA MINI LEM					SIDE	BLACK	CHROME	WHITE	WHITE	WHITE	BLACK/ CHROME	BLACK/ CHROME
					PAIR		719153-7	719156-7	719156	719156-6		
					RIGHT	719152	719154	719158			719164	717754
					LEFT	719151	719155	719157			719165	717749
NO.	PAIR	RH	LH	DESCRIPTION	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.
ASSEMBLE ITEMS #1 THRU #19) (Ensamble los articulos #1 a #19)												
1	1	1		DELUXE MIRROR HEAD, RIGHT SIDE	7191100	7191120	7191140	7191140	7191140	7191120	7191120	
2	1		1	DELUXE MIRROR HEAD, LEFT SIDE	7191090	7191110	7191130	7191130	7191130	7191110	7191110	
3	2	1	1	MIRROR BASE	Q7101540	C7101540	L7101540	L7101540	L7101540	Q7101540	Q7101540	
4	2	1	1	MIRROR BASE GASKET	7094250	7094250	7094250	7094250	7094250	7094250	7094250	
5	2	1	1	PIVOT CLAMP	7094240	7094240	7094240	7094240	7094240	7094240	7094240	
6	2	1	1	SET SCREW 3/8" - 10 X 1/2	4082910	4082910	4082910	4082910	4082910	4082910	4082910	
7	4	2	2	SET SCREW 3/8" - 10 X 3/8	4082920	4082920	4082920	4082920	4082920	4082920	4082920	
8	4	2	2	O-RING GASKET	7094530	7094530	7094530	7094530	7094530	7094530	7094530	
9	2	1	1	3-COND WIRE HARNESS - FEMALE SOCKETS	7477010	7477010	7477010	7477010	7477010	7477010	7477010	
10	2	1	1	8-WAY MINI FEMALE HOUSING AMP. #172100-1	7476120	7476120	7476120	7476120	7476120	7476120	7476120	
11	2	1	1	8-WAY FEMALE HOUSING AMP #1480703-0	7471260	7471260	7471260	7471260	7471260	7471260	7471260	
12				CAMERA WIRE HARNESS W/ MAGNETIC COIN.								
12	2	1	1	CAMERA WIRE HARNESS W/ASA CONNECTOR	7451200	7451200	7451200	7451200	7451200	7451200	7451200	
13	2	1	1	MARKER LIGHT						7475510		
14				YELLOW WIRE, W/MALE TERM AMP #530218-1								
15				BLUE WIRE, W/MALE TERM AMP #530218-1								
16				2-WAY FEMALE HOUSING AMP #1480093-0								
17	4	2	2	YELLOW WIRES						7477480		
18	2	1	1	CAP, NON-LIGHTED BASE	7095570	7095570	7095570	7095570	7095570		7095570	
19	.002	.001	.001	GREASE PG-2 GREEN LITHIUM	3541980	3541980	3541980	3541980	3541980	3541980	3541980	
ITEMS #20 THRU #23 ARE NOT ASSEMBLED BUT INCLUDED IN CARTON (#20 a #23 no ensamble pero incluye en caja)												
20	2	1	1	HARDWARE KIT INCLUDES ITEM LISTED BELOW	748329	748327	748328	748328	748328	748329	748329	
	8	4	4	BASE MOUNTING CAP	4051010	C4051030	4051020	4051020	4051020	4051010	4051010	
21	1			REMOTE/HEATER SWITCH KIT				747198				
22	1			WIRE HARNESS KIT LEFT SIDE 11 FEET				747328				
23	1			WIRE HARNESS KIT RIGHT SIDE 5.5 FEET				747329				
FOR -6 PACKAGING ITEM #24 IS NOT ASSEMBLED BUT INCLUDED IN CARTON												
24	1			HARDWARE KIT INCLUDES ITEM LISTED BELOW					748335			
	168			BASE MOUNTING CAP					4051020			

PART NO.	SIDE	FINISH	FEATURES
	PAIR	BLACK	NON-LIGHTED
719152	RIGHT		
719151	LEFT		
719153-7	PAIR	CHROME	NON-LIGHTED
719154	RIGHT		
719155	LEFT		
719156-7	PAIR	WHITE	NON-LIGHTED
719156-42	PAIR		
719158	RIGHT		
719157	LEFT	WHITE	NON-LIGHTED
719156	PAIR		
	RIGHT		
	LEFT	WHITE	NON-LIGHTED
719156-6	PAIR		
	RIGHT		
	LEFT	BLACK/CHROME	LIGHTED
719164	RIGHT		
719165	LEFT		
	PAIR	BLACK/CHROME	NON-LIGHTED
717754	RIGHT		
717749	LEFT		

CRITICAL CHARACTERISTIC	PRO		REV 05	
				TOLERANCES
				2 DECIMAL ±.01 3 DECIMAL ±.005 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED
PROPRIETARY	2025 MIRROR ASSEMBLY WITH DELUXE MIRROR HEAD WITH MINI LEM			
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	DATE: 06-19-13			
	SCALE: 0.200			
	SHEET 2 OF 4	* 7191510		

REVISIONS
SEE SHEET 1

PART NO.	SIDE	FINISH	FEATURES
	PAIR		
719152	RIGHT	BLACK	NON-LIGHTED
719151	LEFT		
719153-7	PAIR		
719154	RIGHT	CHROME	NON-LIGHTED
719155	LEFT		
719156-7	PAIR		
719156-42	PAIR	WHITE	NON-LIGHTED
719158	RIGHT		
719157	LEFT		
719156	PAIR		
	RIGHT	WHITE	NON-LIGHTED
	LEFT		
719156-6	PAIR		
	RIGHT	WHITE	NON-LIGHTED
	LEFT		
	PAIR		
719164	RIGHT	BLACK/CHROME	LIGHTED
719165	LEFT		
	PAIR		
717754	RIGHT	BLACK/CHROME	NON-LIGHTED
717749	LEFT		

 CRITICAL CHARACTERISTIC TOLERANCES 2 DECIMAL ±.01 3 DECIMAL ±.005 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED PROPRIETARY THIS CONCEPT & DRAWING IS THE PROPERTY OF VELVAC INC. AND SHALL NOT BE REPRODUCED, COPIED, DISCLOSED OR USED FOR THE MANUFACTURE OR PROCUREMENT FROM SOURCES OTHER THAN VELVAC INC., WITHOUT WRITTEN PERMISSION FROM VELVAC, INC.	PRO		REV 05		
				2025 MIRROR ASSEMBLY WITH DELUXE MIRROR HEAD WITH MINI LEM	
				DRAWN BY: SAS DATE: 06-19-13 SCALE: 0.200 SHEET 2 OF 4	DRAWING NO *7191510

REVISIONS
SEE SHEET 1

2025 MIRROR ASSY HEATED/REMOTE FLAT GLASS HEATED/MANUAL CONVEX GLASS WITH COLOR CAMERA MINI LEM					SIDE	BLACK	BLACK	CHROME	CHROME	CHROME
					PAIR			719166		
					RIGHT	719160	719162	719168	719170	719192
					LEFT	719161	719163	719167	719169	719193
NO.	PAIR	RH	LH	DESCRIPTION		ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.
ASSEMBLE ITEMS #1 THRU #19 (Ensamble los articulos #1 a #19)										
1	1	1		DELUXE MIRROR HEAD, RIGHT SIDE		7191100	7191100	7191120	7191120	7191120
2	1		1	DELUXE MIRROR HEAD, LEFT SIDE		7191090	7191090	7191110	7191110	7191110
3	2	1	1	MIRROR BASE		Q7101540	Q7101540	C7101540	C7101540	C7101540
4	2	1	1	MIRROR BASE GASKET		7094250	7094250	7094250	7094250	7094250
5	2	1	1	PIVOT CLAMP		7094240	7094240	7094240	7094240	7094240
6	2	1	1	SET SCREW 5/8 - 10 X 1/2		4082910	4082910	4082910	4082910	4082910
7	4	2	2	SET SCREW 5/8 - 10 X 3/8		4082920	4082920	4082920	4082920	4082920
8	4	2	2	DRIIP GASKET		7094530	7094530	7094530	7094530	7094530
9	2	1	1	3-COND WIRE HARNESS - FEMALE SOCKETS		7477010	7477010	7477010	7477010	7477010
10	2	1	1	0-WAY MINI FEMALE HOOSTING AIMP #172100-1		7476120	7476120	7476120	7476120	7476120
11	2	1	1	0-WAY FEMALE HOOSTING AIMP #1-480703-0		7471260	7471260	7471260	7471260	7471260
12	2	1	1	CAMERA WIRE HARNESS W/MAGNADYNE CONN.			7451290		7451290	
	2	1	1	CAMERA WIRE HARNESS W/ASA CONNECTOR		7451200		7451200		7451200
13	2	1	1	MARKER LIGHT		7475510	7475510	7475510	7475510	7475510
14	2	1	1	YELLOW WIRE, W/MALE TERM AIMP #350218-1		7476250	7476250	7476250	7476250	7476250
15	2	1	1	BLUE WIRE, W/MALE TERM AIMP #350218-1		7476260	7476260	7476260	7476260	7476260
16	2	1	1	2-WAY FEMALE HOOSTING AIMP #1-480039-0		7471480	7471480	7471480	7471480	7471480
17				YELLOW WIRES						
18				CAP, NON-LIGHTED BASE						
19	.002	.001	.001	GREASE PG-2 GREEN LITHIUM		3541980	3541980	3541980	3541980	3541980
ITEMS #20 THRU #23 ARE NOT ASSEMBLED BUT INCLUDED IN CARTON (#20 a #23 no ensamble pero incluye en caja)										
20	2	1	1	HARDWARE KIT INCLUDES ITEM LISTED BELOW		748329	748329	748327	748327	748327
	8	4	4	BASE MOUNTING CAP		4051010	4051010	C4051030	C4051030	C4051030
21	1			REMOTE/HEATER SWITCH KIT				747198		
22	1			WIRE HARNESS KIT LEFT SIDE 11 FEET				747328		
23	1			WIRE HARNESS KIT RIGHT SIDE 5.5 FEET				747329		
FOR -6 PACKAGING ITEM #24 IS NOT ASSEMBLED BUT INCLUDED IN CARTON										
24				HARDWARE KIT INCLUDES ITEM LISTED BELOW						
				BASE MOUNTING CAP						

VELVAC PART NO.	CUSTOMER PART NO.	SIDE	CAMERA CONNECTOR	FEATURES	FINISH
719160	L19-3004	RIGHT	ASA 4-WAY MOLDED CONNECTOR	LIGHTED	BLACK
719161	L19-3003	LEFT			
719162	L19-3098	RIGHT	MAGNADYNE 5-WAY FEMALE	LIGHTED	BLACK
719163	L19-3099	LEFT			
719169	L19-3089	LEFT	MAGNADYNE 5-WAY FEMALE	LIGHTED	CHROME
719170	L19-3088	RIGHT			
719192	L19-3009	RIGHT	ASA 4-WAY MOLDED CONNECTOR	LIGHTED	CHROME
719193	L19-3014	LEFT			
719166		PAIR	ASA 4-WAY MOLDED CONNECTOR	LIGHTED	CHROME
719168		RIGHT			
719167		LEFT			

CRITICAL CHARACTERISTIC

TOLERANCES

2 DECIMAL ±.01
3 DECIMAL ±.005
ANGULAR ±1°
UNLESS OTHERWISE SPECIFIED

PROPRIETARY

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PRO

2025 MIRROR ASSEMBLY
WITH DELUXE MIRROR HEAD
WITH MINI LEM

DRAWN BY: SAS
DATE: 06-19-13
SCALE: 0.200
SHEET 3 OF 4

DRAWING NO
*7191510

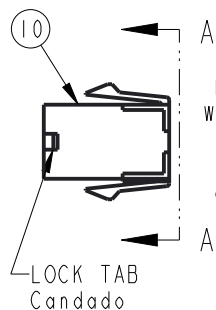
REVISIONS
SEE SHEET 1

REV
05

WIRING TYPICAL FOR BOTH LEFT
AND RIGHT HAND SIDE.
Conexión típica para ambos lados,
Izquierdo y derecho.

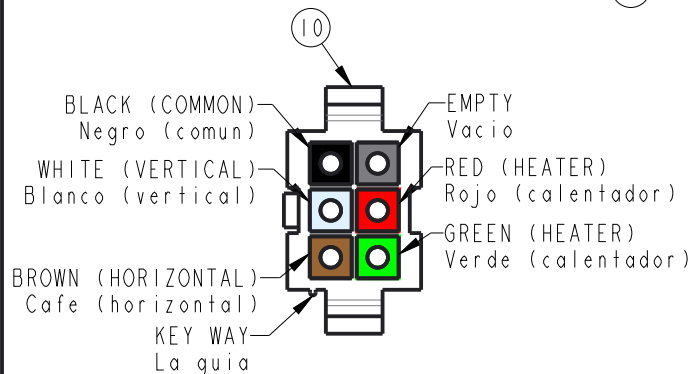
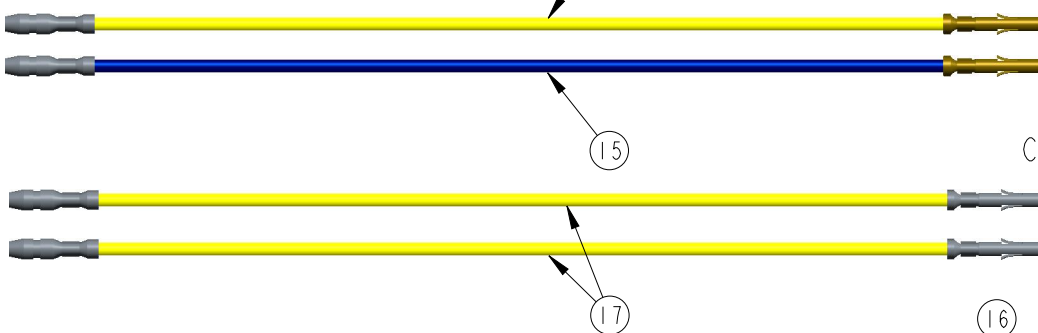
CAMERA HARNESS 7451290

CAMERA HARNESS 7451200

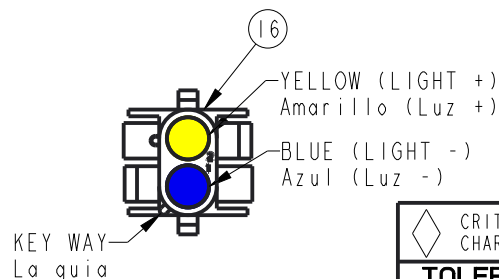


BLACK (Negro)
WHITE (Blanco)
BROWN (Cafe)
RED (Rojo)
GREEN (Verde)

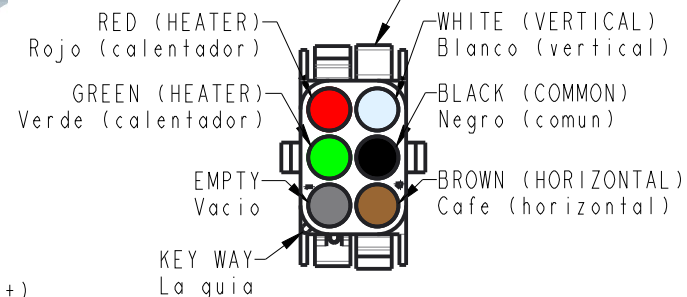
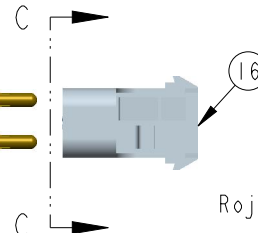
BLACK (Negro)
WHITE (Blanco)
BROWN (Cafe)
RED (Rojo)
GREEN (Verde)



VIEW A-A
SCALE 1.500
(BACK SIDE OF HOUSING)
(LA parte de atrás del housing)



VIEW C-C
SCALE 1.000
(BACK SIDE OF HOUSING)
(LA parte de atrás del housing)



VIEW B-B
SCALE 1.000
(BACK SIDE OF HOUSING)
(LA parte de atrás del housing)

REVISIONS

SEE SHEET 1

CRITICAL
CHARACTERISTIC
TOLERANCES

2 DECIMAL $\pm .01$
3 DECIMAL $\pm .005$
ANGULAR $\pm 1^\circ$
UNLESS OTHERWISE SPECIFIED

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PRO

VELVAC

REV
05

2025 MIRROR ASSEMBLY
WITH DELUXE MIRROR HEAD
WITH MINI LEM

DRAWN BY: SAS
DATE: 06-19-13
SCALE: XX
SHEET 4 OF 4

DRAWING NO

*7191510