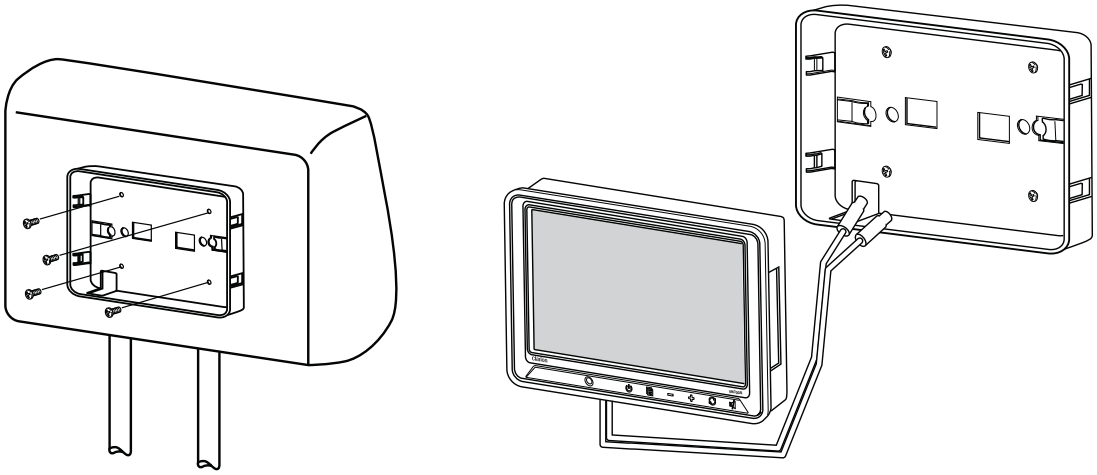
Installing the Mounting Tray in the Headrest

1. Remove the headrest from the car seat.
2. Position mounting tray in a center of the headrest.
3. Mark the headrest along the outline of the mounting tray.
4. Cut the opening and the foam in the headrest along the marked line with utility knife.
5. Insert the tray and check for fitting.
   Make sure the mounting tray is flush mount on the headrest. Remove more foam from the headrest, if required.
6. Secure the mounting tray to the headrest frame by using 4 Phillips screws included in a package.
7. Route the power cable from the back side of the monitor through the side opening of the mounting tray.
8. Insert the monitor in the tray. Press the edges of the monitor, not on screen, until it snaps in the tray.

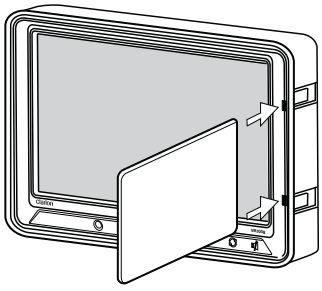


⚠ CAUTION

NEVER press on the surface of the screen! Gently press on the edges of the monitor case. If you find that you cannot insert the monitor without excessive force, you may need to check your wire harness position for interference with the insertion process. Your may also need make the opening slightly larger.

Removing the Monitor from the Tray

1. To remove the monitor from the tray, insert the metal plate (included in a package) between the monitor case and the side of the tray to release the spring clips.



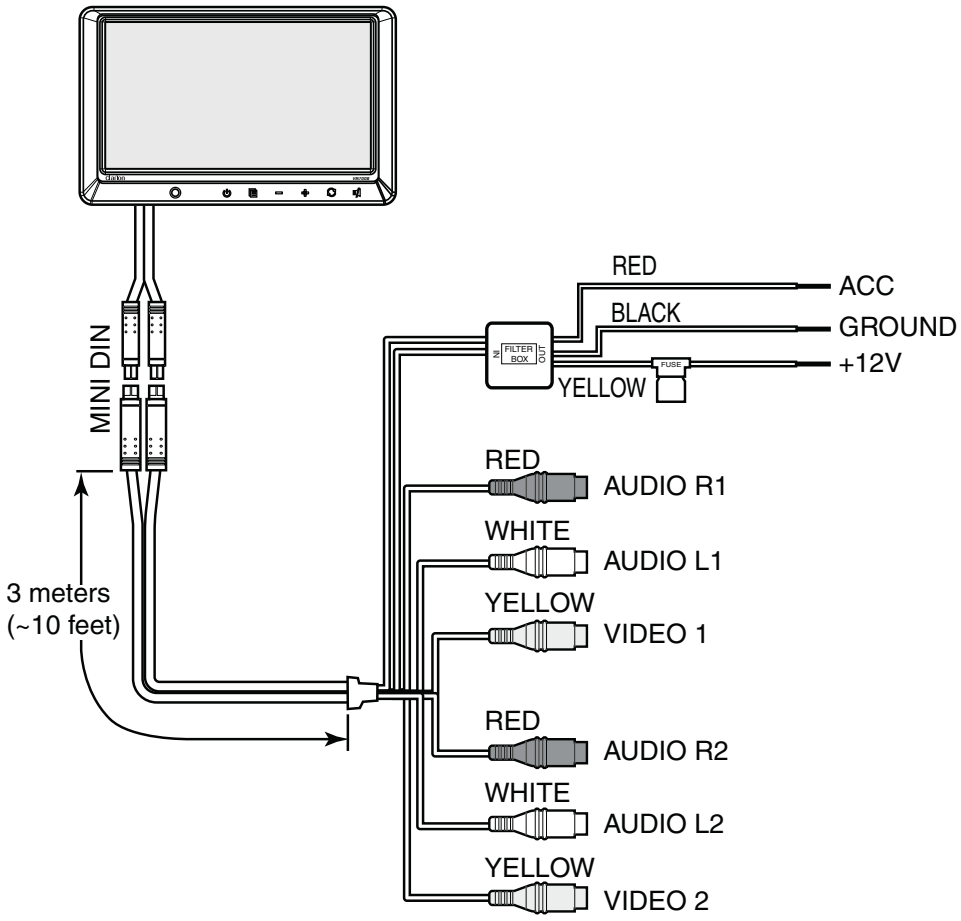
Wiring the Monitor

Precautions

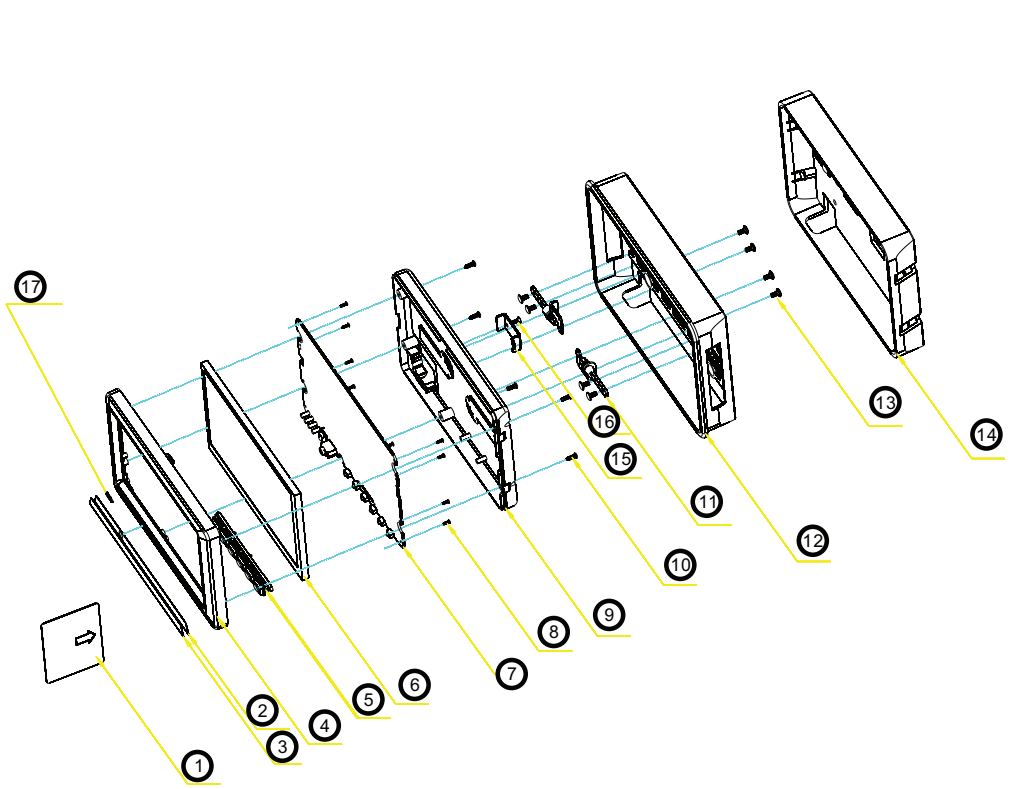
- Disconnect the negative (-) battery terminal before making any wiring connections.
- Be particularly careful where you route cables. Keep the cable away from source of heat, such as the engine, exhaust system, and etc. Heat can damage cables.
- If the fuse should blow, make sure all connections are correct and no wires are damaged before replacing the fuse. Always use fuses that are the same amperage value as the original. When replacing a fuse, never let the battery side touch any metal part or any other wire.

Procedure

1. Find a place in the vehicle for the video source(s).
2. Connect the 2 mini DINs connectors of 3 meters cable to monitor's DIN connectors.
3. Run the 3 meter cable thru the inside car seat back to the bottom. Remain about 30 centimeters inside the car seat.
4. Create passage holes for the power and video cables.
   When drilling through metal or plastic, use grommets to protect the cables from sharp edges that could penetrate the insulation and cause a short circuit and device failure.
5. Connect the ground lead (black) securely to a clean metal plate on the vehicle.
   Use sand paper to remove any paint from the surface where you attach the ground terminal.
6. Reconnect the negative (-) battery terminal.
7. This monitor is recommended to be installed by professional installer.



10. EXPLODED VIEW



NO.	PART NO.	PART NAME	QUANTITY
12	W-XG-100481000	Bottom Cover	1
11	W-ZJ-0095-0000	Spindle	2
10	W-LS1AA0260801	Screw-PA2.6*8	6
9	W-HG-101381000	LCD module back cover	1
8	W-LS1AA0170601	Srew-PA1.7*6	9
7	W-88MA-8705-02	Main-PCB-Ass'y	1
6	W-0271-TN07-08	LCD Module	1
5	W-AJ-103860110	Button	1
4	W-MK-103681030	LCD module front cover	1
3	W-ZS-A00030115	Touch key	1
2	W-DB-800000500	Key-press shield flake	1
1	W-GD-200320500	Lock flake	1

NO.	PART NO.	PART NAME	QUANTITY
17	W-MP-8705-3001	Nameplate	1
16	W-LS1FB0260601	Screw-KB2.6*6	1
15	W-FH-D00138100	Line cap	1
14	W-WK-100381000	Install frame	1
13	W-LS1CM0300603	Screw-TM3*6	8

EVR 常禾有限公司二厂
EVERVICTORY LELCTRONIC COMPANY LIMITED

DWG NO:
DATE: 01/06

PART NAME:	MATERIAL	SCALE: 1/1	DRAWIN BY:
Exploded View		UNIT: mm	CHECKED BY:
PRODUCT MODE:	FINISH	SIZE: A1	APPROVED BY:
Th8705 EXP001		REV: V1	PAGE:1/1

English
Service manual

11. ELECTRICAL PARTS LIST

1. Main Board Bom

PART NO.	REF NO.	DESCRIPTION
W-05YK-0003-01	IR01	FM-9038TM2-5AN
W-2015-0001-00	D2-4 D15	DIP Φ3MM HSIR-723CP WHITE L=850NM
W-77MA-8705-02	D2-4 D15	TH-8705 SMD
W-0701-1000-02	R51-52 R54 R56-58 R112 R45 R73 R126 R123 R124 R122 R127 JW1 JW2	SMD 0Ω 1/10W ±5% 0603
W-0701-11R0-02	R515	SMD 1Ω 1/10W ±5% 0603
W-0701-32R2-02	D16	SMD 2.2Ω 1/4W ±5% 1206
W-0701-32R2-03	R111	SMD 2.2Ω 1/4W ±1% 1206
W-0701-1100-02	R63 R88 R91	SMD 10Ω 1/10W ±5% 0603
W-0701-2100-02	R506	SMD 10Ω 1/8W ±5% 0805
W-0701-1150-02	R15	SMD 15Ω 1/10W ±5% 0603
W-0701-1330-03	R65	SMD 33Ω 1/10W ±1% 0603
W-0701-1750-02	R1-2 R6-7	SMD 75Ω 1/10W ±5% 0603
W-0701-1101-02	R4 R19 R67 R60 R20	SMD 100Ω 1/10W ±5% 0603
W-0701-1181-02	R62	SMD 180Ω 1/10W ±5% 0603
W-0701-1331-02	R14	SMD 330Ω 1/10W ±5% 0603
W-0701-1471-02	R16	SMD 470Ω 1/10W ±5% 0603
W-0701-1102-02	R34 R474 R505 R117 R96 R118 R150 R18 R21 R24-26 R102	SMD 1KΩ 1/10W ±5% 0603
W-0701-1152-02	R85	SMD 1.5KΩ 1/10W ±5% 0603
W-0701-1162-04	R42	SMD 1.6KΩ 1/10W ±1% 0603
W-0701-1242-02	R43	SMD 2.4KΩ 1/10W ±5% 0603
W-0701-1302-02	R76 R77 R79 R475	SMD 3KΩ 1/10W ±5% 0603
W-0701-1332-02	R27	SMD 3.3KΩ 1/10W ±5% 0603
W-0701-1362-02	R41 R44	SMD 3.6KΩ 1/10W ±5% 0603
W-0701-1472-02	R31-33 R35-36 R39-40 R50 R53 R59	SMD 4.7KΩ 1/10W ±5% 0603
W-0701-1562-02	R48 R75	SMD 5.6KΩ 1/10W ±5% 0603
W-0701-1622-02	R64	SMD 6.2KΩ 1/10W ±5% 0603
W-0701-1752-02	R462 R472	SMD 7.5KΩ 1/10W ±5% 0603
W-0701-1822-02	R113-114	SMD 8.2KΩ 1/10W ±5% 0603
W-0701-1103-02	R8 R22 R11 R12 R13 R28 R30 R66 R80 R209 R211 R507 R105 R108 R103 R104 R107	SMD 10KΩ 1/10W ±5% 0603
W-0701-1123-02	R61	SMD 12KΩ 1/10W ±5% 0603
W-0701-1153-02	R196	SMD 15KΩ 1/10W ±5% 0603
W-0701-1183-02	R208	SMD 18KΩ 1/10W ±5% 0603
W-0701-1203-02	R210 R511 R513	SMD 20KΩ 1/10W ±5% 0603
W-0701-1223-02	R518	SMD 22KΩ 1/10W ±5% 0603
W-0701-1303-02	R89	SMD 30KΩ 1/10W ±5% 0603
W-0701-1473-02	R46 R55 R17	SMD 47KΩ 1/10W ±5% 0603
W-0701-1513-02	R182	SMD 51KΩ 1/10W ±5% 0603
W-0701-1683-02	R503	SMD 68KΩ 1/10W ±5% 0603
W-0701-1823-02	R115	SMD 82KΩ 1/10W ±5% 0603
W-0701-1104-02	R29 R38 R90 R501	SMD 100KΩ 1/10W ±5% 0603
W-0701-1154-02	R512	SMD 150KΩ 1/10W ±5% 0603
W-0701-1474-02	R86	SMD 470KΩ 1/10W ±5% 0603
W-0701-1105-02	R5	SMD 1MΩ 1/10W ±5% 0603
W-0701-4330-02	RP1 RP5-6	SMD 33Ω*4 1/10W ±5% 0603

PART NO.	REF NO.	DESCRIPTION
W-0701-4222-02	RP3-4	SMD 2.2KΩ*4 ±5% 0603
W-06S311206000	C124-126	SMD 12pF/50V 0603 NPO ±5%
W-06S312206001	C4-5	SMD 22pF/50V 0603 NPO ±5%
W-06S313306001	C503	SMD 33pF/50V 0603 NPO ±5%
W-06S311016006	C420	SMD 101/50V 0603 NPO ±5%
W-06S312216001	C524	SMD 221/50V 0603 NPO ±5%
W-06S111026001	C99 C504 C3 C26 C49 C48	SMD 102/50V 0603 X7R ±10%
W-06S311036001	C74 C76 C144 C506 C521	SMD 103/50V X7R ±5% 0603
W-06S111046002	C1 C2 C8 C9 C10 C11 C15 C16 C17 C18 C19 C21 C34 C39 C40 C41 C42 C47 C51 C53 C56 C60 C61 C62 C68 C87 C88 C95 C406 C501 C502 C505 C508 C511 C512 C515 C516 C100-101	SMD 104/50V 0603 X7R ±10%
W-06S114744000	C30 C45 C59	SMD 474/25V 0603 X7R ±10%
W-06S111054001	C20 C22-25 C35 C46 C52 C57 C63 C66-	SMD 105/25V 0603 X5R ±10%
W-06S134754001	C522	SMD 475/25V 1206 X5R ±10%
W-06S252256045	C135-136	SMD 2.2uF/50V 4*5.4 ±20% 105℃
W-06S254756045	C105	SMD 4.7uF/50V 4*5.4 ±20% 105℃
W-06S251064045	C38 C6 C12-14 C36-37 C64 C65 C178 C517 C523 C526	SMD 10uF/25V 4*5.4 ±20% 105℃
W-06S252264065	C104	SMD 22uF/25V 5*5.4 ±20% 105℃
W-06S254763055	C50 C89 C93 C149 C407 C71	SMD 47uF/16V 5*5.4 ±20% 105℃
W-06S254764065	C31 C86	SMD 47uF/25V 6.3*5.4 ±20% 105℃
W-06S251072065	C513-514	SMD 100uF/10V 6.3*5.4 ±20% 105℃
W-06S251074067	C85 C500 C102	SMD 100uF/25V 6.3*7.7 ±20% 105℃
W-06S252273067	C28-29 C507 C509-510 C32-33 C80	SMD 220uF/16V 6.3*7.7 ±20% 105℃
W-0100-8510-32	U98	SMD AME8510 SOT-25
W-01TH-7805-07	U2	SMD MC7805 TO-252
W-01AP-9435-10	Q500	SMD APM9435KC-TRL SOP-8 ANPEC
W-0100-7106-08	U400	SMD CAT 7106 DC/DC CONVERTER SOP8
W-0100-8827-11	U1	SMD TW8827 LCD PANEL PROCESSOR TQFP80
W-01JR-3414-12	U111	SMD NJM3414AM DMP8
W-0100-252A-08	U502	SMD BIT 3252A SOP-8
W-01PH-4052-08	U3	SMD HEF4052B SOP-16
W-01AT-1308-05	U16	SMD AT1308 DC/DC CONTROLLER SOT23-5
W-01BL-4C02-08	U7	SMD BL24C02 SOP-8 BELLING
W-01AN-1733-22	U500	SMD AP1117E33L SOT-223 ANACHIP
W-01ST-117R-22	U501	SMD LD1117S18TR SOT-223 ST
W-0100-6019-18	U4	SMD UA6019 3W STEREOAUD10 TSSOP-24
W-0100-TD50-00	J5	SMD IR TD5004
W-04PT-4148-01	D18 D20	SMD 1N4148 DO-213AA
W-04PT-SK14-11	D8 D501	SMD SK14 SOD-123
W-04PT-AV99-15	D1 D5 D7 D17 D21	SMD BAV99 SOT23
W-04ZL-4007-02	D19	SMD FM4007 DO-214AC
W-04WY-51AV101	D13	SMD 5.1V DO-213AA 0.5W
W-04WY-56AV111	D24-25	SMD 5.6V SOD-123 0.5W
W-04WY-15BV101	D14	SMD 15V DO-213AA 0.5W
W-04WY-12BV101	D23	SMD 12V DO-213AA 0.5W
W-04XT-SK34-02	D500 D26	SMD SK34 DO-214AC

PART NO.	REF NO.	DESCRIPTION
W-2004-0001-00	D6 D9-12 D116	SMD(普亮) BLUE 0603
W-04PT-ESDA-00	ZD1 ZD3-9 ZD10 ZD13-19	SMD 0603 ESDA-05 BETEK
W-04PT-LF00-00	ZD2	SMD 0603 ESDA-LF BEDEK
W-03N1-1624-05	Q13	SMD KTD1624C NPN SOT-89
W-03N1-3904-04	Q1 Q2 Q3 Q8-10 Q14-15	SMD 2N3904 NPN SOT-23
W-03N1-5343-04	Q12	SMD 2SC5343S NPN SOT-23 “DAG”
W-03N1-C402-18	Q22	SMD KRC402 NPN USM
W-03P1-1132-05	Q11	SMD STB1132 PNP SOT-89
W-03T1-2360-04	Q17-18	SMD APM2360A SOT-23
W-1202-1031-01	VR1	SMD TC0320 10KΩ
W-1001-2200-13	L4 L500-502	SMD 22UH MGSD54
W-1001-1010-12	L1	SMD 100uH MGSD75
W-1003-1000-09	L3	SMD 10uH 1206
W-1002-3300-06	L7 L9	SMD 33uH CF322522-330M
W-1004-6010-08	L2 FB3 FB6-7 FB20 L13 L14 FB2	SMD 600Ω 0805
W-1004-2020-07	FB13 FB12	SMD 2KΩ 0603
W-1004-1212-07	FB1, FB4-5	SMD FBMA-11-160808-121T 120Ω 0603
W-1002-2201-06	L104	SMD 22uH CF322522-220K
W-1504-0304-01	CON2	SMD Pitch 2.0MM 3PIN
W-1400-0001-26	CON100	SMD PITCH 0.5MM 26PIN H=2.0MM
W-1504-0903-02	CN101	SMD Pitch 1.25MM 9PIN
W-1504-1003-01	J6	SMD Pitch 1.25MM 10PIN
W-1504-0204-02	CN802	SMD A3500WR-S-2P
W-18S6-0601-00	Y1	SMD 27MHZ ±20PPM 20PF HC-49S/SMD
W-0701-1221-02	R87	SMD 220Ω 1/10W ±5% 0603
W-0100-SNIG-10	U8	SMD W25X10VSNIG SO8 TH-8705 V01
W-1361-0202-01	S3-8	SMD 6*3.5*H5.0MM FORCE=130G±20
W-06S254754045	C43	SMD 4.7uF/25V 4*5.4 ±20% 105℃

2. Power Box Bom

PART NO.	REF NO.	DESCRIPTION
W-24D2-0200222	ACC	Red 1007#22AWG L=200MM MM With ACC Paster
W-24D2-0200224	B+	1007 AWG22# L=200MM With 2A Fuse
W-24D1-0200220	CN1	1007#22AWG L=200MM Black
W-0704-647X-02	R8	DIP 0.47Ω 2W ±5%
W-06D212284112	C2	DIP 2200uF/25V ±20% 12.5*25 105℃ 5MM Black
W-06D211066105	C4	DIP 10uF/50V ±20% 5*7 105℃ 2MM
W-04ZL-4007-03	D1,D2	DIP 1N4007 DO-41
W-04ZL-5822-06	D3	DIP 1N5822 DO-201AD
W-04WY-5358-00	ZD2,ZD3,ZD4	DIP IN5358B 22V 5W Φ3.3*8.38 ON
W-77PW-8705-01		TH-8705 POWER BOX SMD
W-06S111046002	C1,C3	SMD 104/50V 0603 X7R ±10%
W-1602-202Q-00	F1	SMD 2A/24V 2920 P200TF
W-03N1-3904-04	Q1	SMD 2N3904 NPN SOT-23
W-0100-9435-09	Q2	CEM9435A SO-8
W-0701-1473-02	R1	SMD 47KΩ 1/10W ±5% 0603
W-0701-1103-02	R2	SMD 10KΩ 1/10W ±5% 0603
W-0701-1101-02	R3	SMD 100KΩ 1/10W ±5% 0603
W-0701-1223-02	R4	SMD 22KΩ 1/10W ±5% 0603
W-3001-8705-00	L1	DIP EE16 Φ0.40MM*1P*126TS TH-8705

3. Earphone Socket Bom

PART NO.	REF NO.	DESCRIPTION
W-1407-0001-01		DIP ST-101 Φ3.5MM