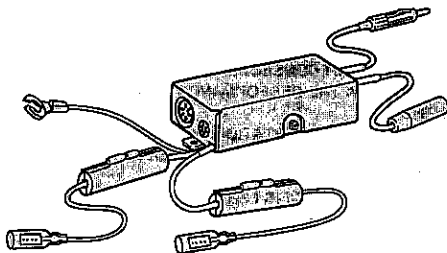
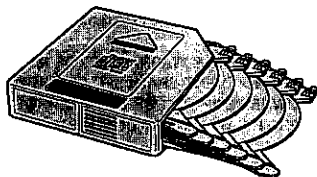
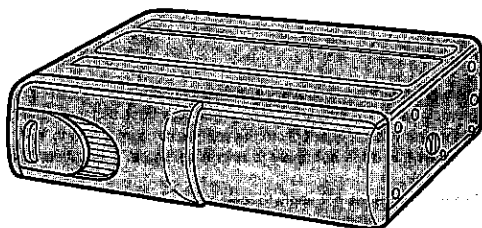
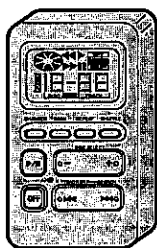


SANYO

COMPACT
disc
DIGITAL AUDIO

MAX-6600

Compact Disc Auto Changer Installation Manual



SANYO MOBILE AUDIO MODEL MAX-6600 LIMITED WARRANTY

OBLIGATIONS

In order to obtain warranty service, the product must be delivered to and picked up from an Authorized Sanyo Service Center at the user's expense, unless specifically stated otherwise in this warranty. The names and addresses of Authorized Sanyo Service Centers may be obtained by writing to SFS Corporation, SFC's warranty administrator, at any of the addresses listed below, or by calling (toll-free) 1-800-421-5013.

New Jersey Office 210 Riser Road Little Ferry, NJ 07643 201-641-3000	California Office 1200 W. Artesia Blvd. Compton, CA 90220 310-537-5830	Illinois Office 900 N. Arlington Heights Road Itasca, IL 60143 Phone: (708) 775-1414	Georgia Office 1790 Corporate Drive Suite 340, Norcross, GA 30093 404-925-8900
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THIS WARRANTY IS VALID ONLY ON SANYO PRODUCTS PURCHASED OR RENTED AND USED IN THE UNITED STATES OF AMERICA, EXCLUDING HAWAII AND ALL U.S. TERRITORIES AND PROTECTORATES. THIS WARRANTY APPLIES ONLY TO THE ORIGINAL RETAIL USER AND DOES NOT APPLY TO PRODUCTS USED FOR ANY INDUSTRIAL, PROFESSIONAL OR COMMERCIAL PURPOSE. THE ORIGINAL DATED BILL OF SALE, SALES SLIP OR RENTAL AGREEMENT MUST BE SUBMITTED TO THE AUTHORIZED SANYO SERVICE CENTER AT THE TIME WARRANTY SERVICE IS REQUESTED.

Subject to the OBLIGATIONS above and EXCLUSIONS below, SANYO FISHER (USA) CORPORATION (SFC) warrants this SANYO product against defects in materials and workmanship for the periods of LABOR and PARTS specified below. SFC will repair or replace (at its option) the product and any of its parts which fail to conform to this warranty. The warranty period commences on the date the product was first purchased or rented at retail.

LABOR	PARTS
1 YEAR	1 YEAR

EXCLUSIONS

This warranty does not cover (A) the adjustment of customer-operated controls as explained in the appropriate model's instruction manual, or (B) the repair of any product whose serial number has been altered, defaced or removed.

This warranty shall not apply to the cabinet or cosmetic parts, knobs or routine maintenance.

This warranty does not apply to uncrating, setup, installation, removal of the product for repair or reinstallation of the product after repair.

This warranty does not apply to repairs or replacements necessitated by any cause beyond the control of SFC including, but not limited to, any malfunction, defect or failure caused by or resulting from unauthorized service or parts, improper maintenance, operation contrary to furnished instructions, shipping or transit accidents, modification or repair by the user, abuse, misuse, neglect, accident, incorrect line voltage, fire, flood or other Acts of God, or normal wear and tear.

The foregoing is in lieu of all other expressed warranties and SFC does not assume or authorize any party to assume for it any other obligation or liability.

THE DURATION OF ANY WARRANTIES WHICH MAY BE IMPLIED BY LAW (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS) IS LIMITED TO THE TERM OF THIS WARRANTY. IN NO EVENT SHALL SFC BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OWNERSHIP OR USE OF THIS PRODUCT, OR FOR ANY DELAY IN THE PERFORMANCE OF ITS OBLIGATIONS UNDER THIS WARRANTY DUE TO CAUSES BEYOND ITS CONTROL.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

ATTENTION

For your protection in the event of theft or loss of this product, please fill in the information below for your own personal records.

Model No. _____	Serial No. _____ (Located on back or bottom side of unit)
Date of Purchase _____	Purchase Price _____
Where Purchased _____	

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HINTS FOR CORRECT AND SAFE OPERATION

This CD Changer is designed to be operated only on +12 volt DC negative ground systems. The unit cannot be used on +24 volt or positive ground systems.

The unit may not operate correctly in extremely hot or cold temperatures. The unit is equipped with a built in self protection circuit. When the temperature reaches a pre-set level, the protection circuit halts all unit operation. If this should happen, open a window and allow the car to cool.

Condensation

Moisture can condense on the laser lens of the CD changer during rainy and humid days, or right after the heater is turned on in the car. If this should happen the unit will not operate correctly. To remedy the situation, remove the magazine from the unit and wait approximately one hour. During this time the moisture will evaporate and the unit will operate normally.

Remove the magazine from the unit when it is not being used during hot weather and the CD changer is not used for long periods of time.

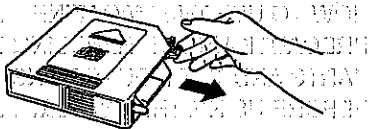
When using 3"(8cm) CDs, use a 3"(8cm) CD adaptor which conforms to CD standards and be sure to load the CDs in trays No. 1, 3, and 5 (gray trays). Loading CDs into other trays will result in a malfunction.

HOW TO USE THE MAGAZINE

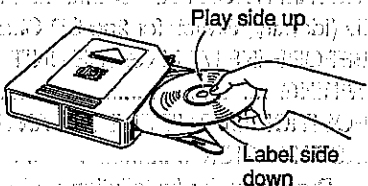
BTX1111111111

■ Loading a disc

1 Grip the tab on the magazine's disc tray and pull out only one of the trays.



2 Place the disc on the tray with its play surface facing up (label surface facing down).



* Each tray can accommodate only one disc.

* "E-07" appears after about 8 seconds if the disc is placed upside down.

3 Press the tab on the disc tray to store the tray back in the magazine.

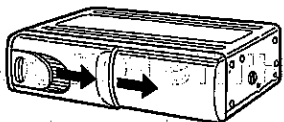


* Up to six discs can be loaded.

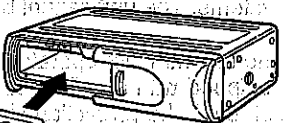
* Use the 3"(8cm) CD adapter for 3"(8cm) discs. (See page 4)

■ Installing the magazine

1 Slide the door toward the right.



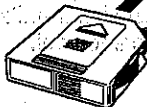
2 First load discs into the magazine, then position it so the top is facing up, and the arrow is facing the changer. Push it in until it clicks into place.



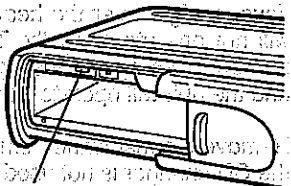
* When the magazine is used for the first time, it will not lock into place unless the power supply has been connected.

● Ejecting the magazine

Press the eject button (▲) to remove the magazine.



Notes: Be sure to close the door after inserting or removing the magazine. If dust or dirt enters the changer, it may cause a malfunction.



Eject button

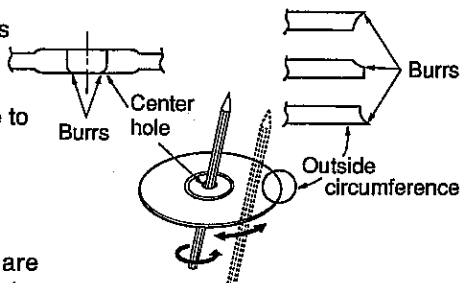
PRECAUTIONS FOR HANDLING DISCS

■ With new discs

The symptoms below may occur when new discs are used.

- The disc does not play even when it is loaded.
- Operation changes to the next disc before the first disc has had a chance to play.
- The same disc plays over and over again.
- The designated disc is not played.

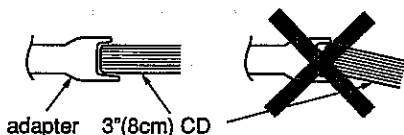
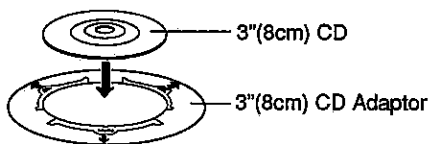
These symptoms occur when there are burrs on the center hole or outside of the disc. As a result, the disc does not load properly, it catches on something inside the magazine. In cases like this, use a ball point pen, or similar implement to remove the burrs, as shown in the figure on the right.



■ With 3"(8cm) CDs

When using 3"(8cm) CDs, use a 3"(8cm) CD adaptor which conforms to CD standards and be sure to load the CDs in trays No. 1, 3, and 5 (gray trays). Loading CDs into other trays will result in a malfunction.

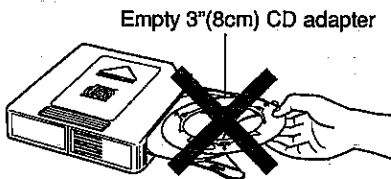
Be sure to attach the disc properly to the catches provided on the adapter. If the disc is not attached correctly, it may come free inside the magazine or play mechanism, rendering the unit inoperable.



■ Storing the 3"(8cm) CD adapters

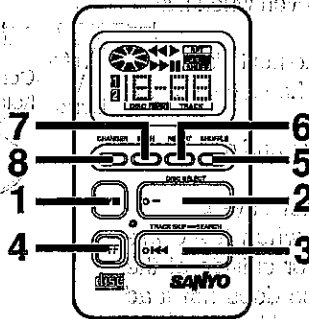
Under no circumstances must an empty 3"(8cm) CD adapter be loaded inside the magazine. If this warning is not heeded, the adapter will remain inside the mechanism, rendering the unit inoperable.

- Although protective film is being marketed as a CD accessory, use of this type of product will result in malfunctions and should absolutely be avoided.



PARTS AND THEIR FUNCTIONS

■ Control section



1 Play/pause button

Press this to start CD play. Press this during play to stop play temporarily.

2 Disc selector button

Use this to select the desired disc.

3 Track skip button

Use this to select the desired track. Keep this button depressed during play for skipping in the forward or backward direction.

4 Power OFF button

This switches off the power.

5 Shuffle button

This plays the tracks or discs in a random sequence.

6 Repeat button

This plays a certain track or disc over and over again.

7 Scan button

This plays the first portion of each track or disc.

8 Changer selector button

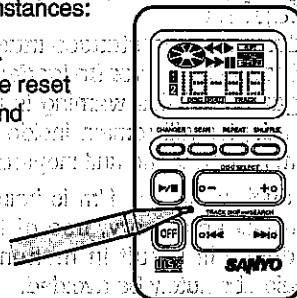
When two CD changers have been installed, use this button to select the changer whose CDs are to be played.

■ Reset Button

A Reset button is located on the front panel of the unit and must be activated with a pen tip or other thin object, as it is recessed to prevent accidental engagement.

Press the reset button under the following circumstances:

1. Initial installation after all wiring is completed.
2. If abnormal disc operation is encountered, the reset button may be pressed to clear the system and return to normal operation.



BEFORE USING THE SYSTEM

This system is designed to convert CD sound into FM signals (89.1 MHz or 88.7 MHz) and play them on the existing FM car stereo. Carry out the steps outlined below before using the system.

SETTING UP FOR OPERATION

Be sure to press the reset button when all wiring is completed. Load the discs into the CD magazine and install the magazine into the CD changer.

Turn on the car stereo and select FM band. Tune the radio to either 89.1 or 88.7 MHz. (depending on frequency chosen during installation) or push the preset button that corresponds to the desired frequency.

Power ON and Play

Turn on the changer by pressing the Play/Pause button on the remote controller. The LCD panel on the controller will illuminate and play of first disc will begin. Adjust volume, balance and tone to your taste by using the controls on the car stereo.

When the last track on each disc is finished, the next available disc is automatically selected and play begins with the first track on the disc. When the last track on the last disc in the CD magazine is finished, the first disc is automatically selected and play begins with the first track on the disc.

■ Changer selector button

If the expansion unit (FTP-1S) is used, this CD changer system can accommodate an additional CD changer model AX-800 (10 discs played continuously) or model AX-600 (6 discs played continuously). The changer selector button (CHANGER) is used to select the changer whose CDs are to be played when two CD changers have been installed.


* The button is not operational when only one CD changer is being used.

CD CHANGER OPERATION

Listening to The CD Play

When optional SANYO CD Changer (AX-600 or AX-800) is connected.

■ Playing a CD

Press the play/pause button (): [▶] appears on the display and play starts.
Adjust the volume and tone using the FM car stereo to which the system is connected.

* When using the system for the first time or when the CD magazine has just been replaced, play starts from the first track on the first disc.


■ To temporarily stop CD play

Press the play/pause button () during play. [||] appears on the display and play is temporarily stopped.

Press the button again to resume play starting from where it was stopped.

* When the pause mode is maintained for 5 minutes or more, the power will be automatically turned off.

■ Selecting the disc to be played

Display the number of the disc to be heard using the disc selector button ():

To advance to the next disc, press .


To return the previous disc, press .

■ Selecting a track


Display the number of the track to be heard using the track skip button ().

To advance to the next track, press .

To return the previous track, press  twice.

* Pressing  once returns play to the start of the track now being played.

■ Skipping to a particular part of a track

When the track skip button () is kept depressed, ◀◀ or ▶▶ flashes, and play is skipped to the desired part of a track in the forward or backward direction.

To skip forward, keep  depressed.

To skip backward, keep  depressed.

The pause mode is established when the track skip button is kept depressed until the start or end of the disc is reached.

Playing in Other Modes

■ Scan play

- When the scan button (SCAN) is pressed, **SCN** appears, and the first 10 seconds of each track on the selected disc are played in order.
- When the scan button (SCAN) is pressed for two seconds or more, **DISC SCN** appears, and the first 10 seconds of each track on each disc are played in order.
- Press the scan button again to resume normal play.

■ Repeat play

- When the repeat button (RPEAT) is pressed, **RPT** appears, and the track now heard is played repeatedly.
- When the repeat button (RPEAT) is pressed for two seconds or more, **DISC RPT** appears, and the disc now heard is played repeatedly.
- Press the repeat button again to release the repeat play function.

■ Shuffle play

- When the shuffle button (SHUFFLE) is pressed, **SHUFF** appears, and the tracks on the disc now heard are played in a random order. When all the tracks have been played, they will be played again, this time in a different random order.
- When the shuffle button (SHUFFLE) is pressed for two seconds or more, **DISC SHUFF** appears, the sequence in which the discs are to be played is first re-arranged and then the sequence in which the tracks are to be played is rearranged, after which the tracks on the first disc are played. When all the tracks on the first disc have been played, operation advances to the next disc.
- Press the shuffle button again to release the disc shuffle play function.

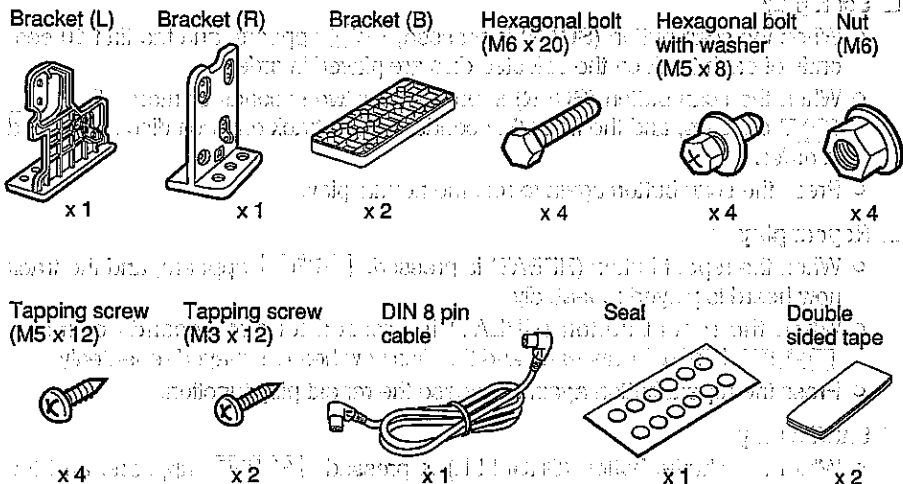
Listening to the radio or tape

Press the power off button () to stop CD play, and listen to the radio or tape.

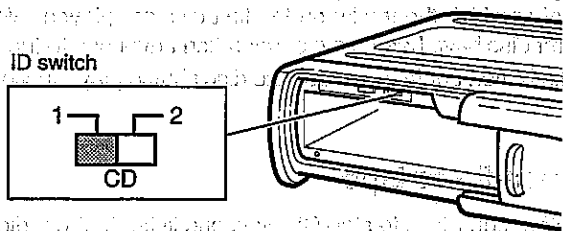
* Noise is heard and the reception deteriorates when listening to the radio without stopping CD play first.

To resume CD play, set the radio's FM frequency to 89.1 MHz or 88.7 MHz and press the play/pause button.

INSTALLATION PARTS

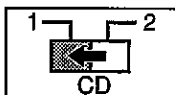


ID (Identity) Switch for 2nd CD Changer



By using the separately sold Divider unit (FTP-1S), an additional CD changer (AX-600 or AX-800) can be installed. When an additional CD changer has been attached in this fashion, the ID switch is used to indicate the number of each respective changer unit.

- When changer is used independently
 * The ID switch is initially set to "1" when shipped.
- When changer is used as additional changer unit



1st unit



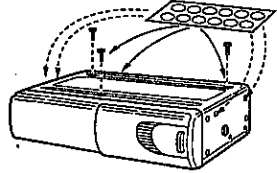
2nd unit (additional changer unit)

* Use a ballpoint pen or similar fine-tipped implement to change the orientation of the switch.

BEFORE INSTALLING THE UNIT

Transport Lock Screws

The mechanism in the CD changer is "locked" into place during shipment by three transport screws. Be sure to remove the screws prior to installation.



Caution

After removing the transport lock screws, place the supplied seals over the screw holes. These seals are used to keep dust, which could cause a malfunction, out of the unit.

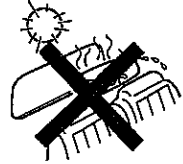
Installation and Wiring Precautions

- 1 To prevent a short-circuit,
 - Be sure to turn off the ignition and remove the negative (-) battery cable prior to installation.

Note

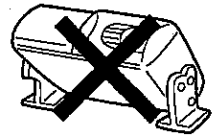
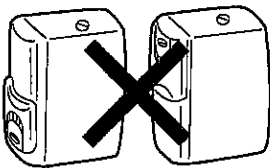
If the changer is to be installed in a car that is equipped with an on-board drive or navigation computer, do not disconnect the battery cable. If the cable is disconnected, the computer memory may be lost. Under these conditions, use extra caution to avoid causing a short circuit during installation.

- 2 Do not install the unit in the following locations.
 - Locations exposed to direct sunlight.
 - Where hot air is discharged from the car heater.
 - When proper installation is not possible and where a great deal of vibration is generated.

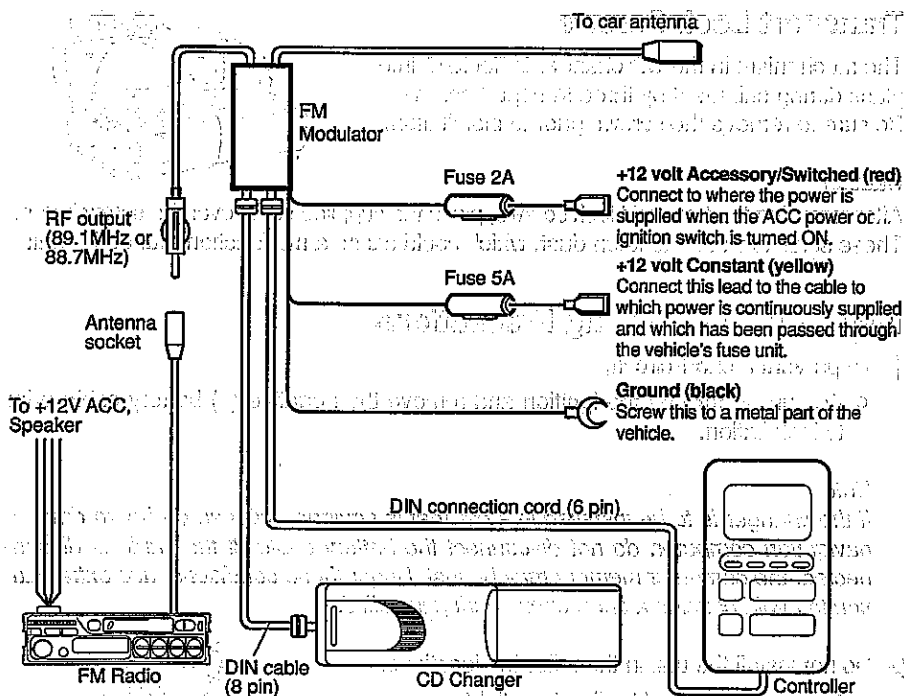


- 3
 - Be sure to use the supplied brackets and screws.
 - Be careful not to snag any wires when tightening screws and installing the ground wire.
 - When installing the unit, do not use any screws that are part of the brake or steering system.

- 4 This unit cannot be installed in any way except that which is authorized (on its side, on its end, at a 45° angle or suspended). Installing it with its side facing down or upside down can cause malfunctioning.

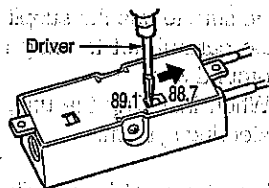


WIRING



INTERFERENCE ON 89.1 MHz

- If a clear signal cannot be obtained on 89.1 MHz, change the position of the frequency select switch on the back of the FM Modulator and tune the radio to 88.7 MHz when using the CD changer.
- Select a frequency before mounting the FM Modulator.
Radio sensitivity is slightly reduced when the FM Modulator is connected.



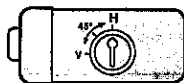
POSITION OF THE BUILT-IN ANTI-VIBRATION BOARD

This unit can be installed horizontally (suspended), vertically, and at a 45° angle. Once the installation position has been decided, it's necessary to set the position of the built-in anti-vibration board inside the unit. Please do this before performing the procedure. Vibration may cause the disc to skip if the unit is used before installation properly setting the anti-vibration board.

- At the time of shipping, the built-in anti-vibration board is set for horizontal installation "H".
- There are built-in anti-vibration boards on both the left and right sides.
- Set the anti-vibration board position with a screwdriver before attaching the brackets.

For use when unit is installed horizontally or suspended:

Confirm that the built-in anti-vibration board is set to position "H".



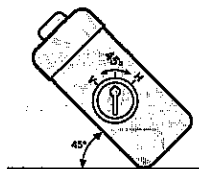
For use when unit is installed vertically:

The built-in anti-vibration board should be set to position "V".



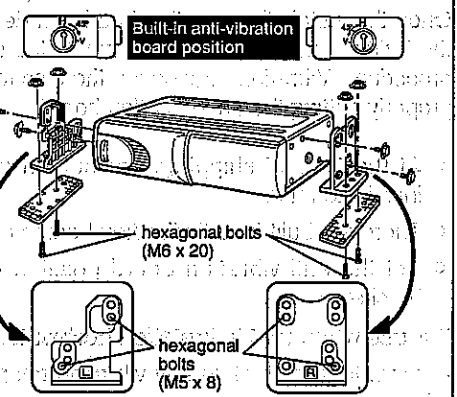
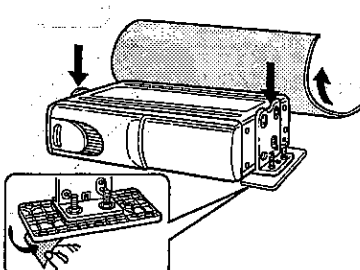
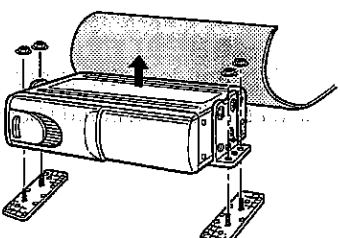
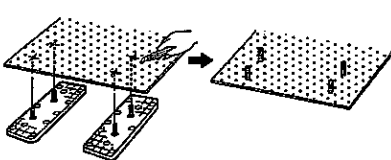
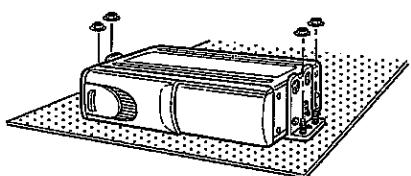
For use when unit is installed at a 45° angle:

The built-in anti-vibration board should be set to position "45°".



INSTALLATION

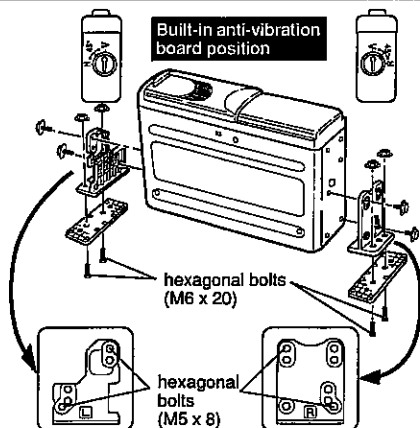
Procedure for Installation on Carpet (Horizontal Position)

<p>1</p> <ul style="list-style-type: none">• Confirm that the built-in anti-vibration boards on both the left and right sides are set to the horizontal installation position "H".• Attach bracket (L) and bracket (R) using the hexagonal bolts (M5 x 8).• Attach brackets (L) and (R) to their respective brackets (B) using the hexagonal bolts (M6 x 20) and the hexagonal nuts (M6).	 <p>Built-in anti-vibration board position</p> <p>hexagonal bolts (M6 x 20)</p> <p>hexagonal bolts (M5 x 8)</p>
<p>2</p> <ul style="list-style-type: none">• Pull back the carpet and determine where to attach the unit.• Stick the supplied double-sided tape to the bottom of the brackets (B) and peel off the paper backing.• Affix the unit to the floor by pressing in place. 	<p>3</p> <ul style="list-style-type: none">• Remove the hexagonal nuts and take off the changer. 
<p>4</p> <ul style="list-style-type: none">• Using a knife, cut "X"s in the carpet directly above the brackets (B) bolts.• Return the carpet to its original position allowing the bolts to stick through. 	<p>5</p> <ul style="list-style-type: none">• Once more, use the hexagonal nuts to attach the changer on top of the carpet. 

Procedure for Installation on Carpet (Vertical Position)

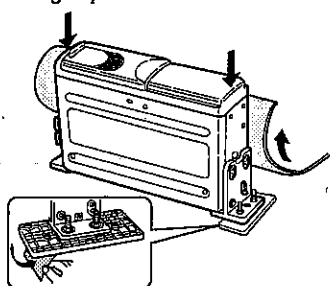
1

- Set that the built-in anti-vibration boards on both the left and right sides are set to the vertical installation position "V".
- Attach brackets (L) and (R) using the hexagonal bolts (M5 x 8).
- Attach brackets (L) and (R) to their respective brackets (B) using the hexagonal bolts (M6 x 20) and the hexagonal nuts (M6).



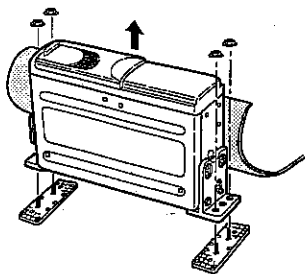
2

- Pull back the carpet and determine where to attach the unit.
- Stick the supplied double-sided tape to the bottom of the brackets (B) and peel off the paper backing.
- Affix the unit to the floor by pressing in place.



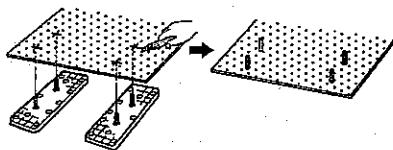
3

- Remove the hexagonal nuts and take off the changer.



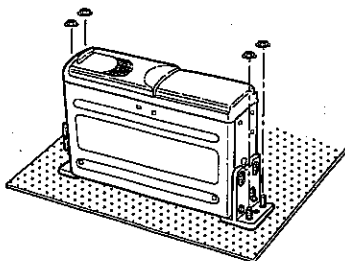
4

- Using a knife, cut "X"s in the carpet directly above the brackets (B) bolts.
- Return the carpet to its original position allowing the bolts to stick through.



5

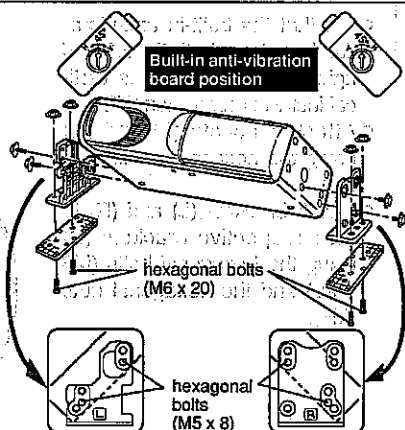
- Once more, use the hexagonal nuts to attach the changer on top of the carpet.



Procedure for Installation on Carpet (at a 45° angle)

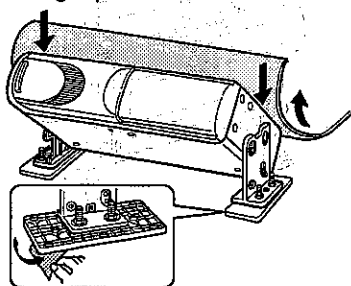
1

- Set the built-in anti-vibration boards on both the left and right sides to the 45° installation position "45°".
- Attach brackets (L) and (R) using the hexagonal bolts (M5 x 8).
- Attach brackets (L) and (R) to their respective brackets (B) using the hexagonal bolts (M6 x 20) and the hexagonal nuts (M6).



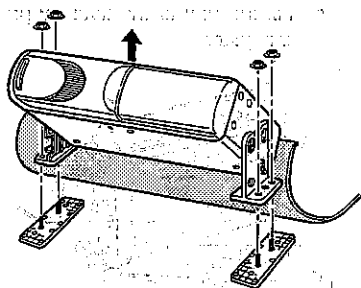
2

- Pull back the carpet and determine where to attach the unit.
- Stick the supplied double-sided tape to the bottom of the brackets (B) and peel off the paper backing.
- Affix the unit to the floor by pressing in place.



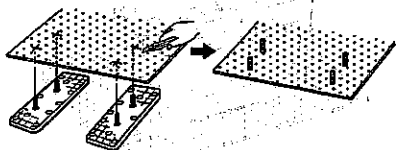
3

- Remove the hexagonal nuts and take off the changer.



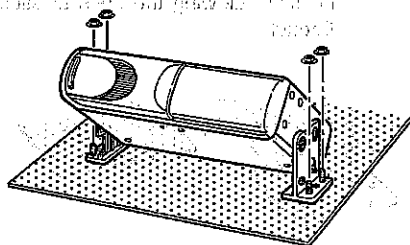
4

- Using a knife, cut "X"s in the carpet directly above the brackets (B) bolts.
- Return the carpet to its original position allowing the bolts to stick through.



5

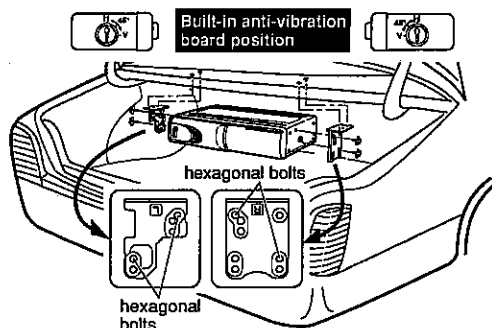
- Once more, use the hexagonal nuts to attach the changer on top of the carpet.



Procedure for Installation (suspended position)

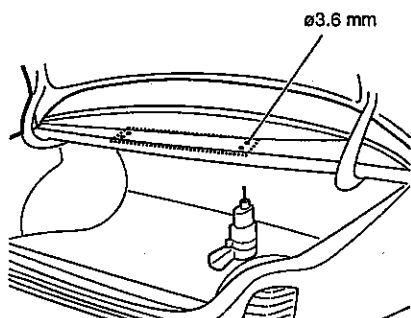
1

- Confirm that the built-in anti-vibration boards on both the left and right sides are set to the horizontal installation position "H".
- Attach bracket (L) and bracket (R) using the hexagonal bolts (M5 x 8).



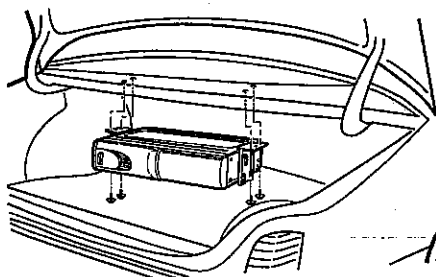
2

- Determine the mounting location and drill four mounting holes.



3

- Attach the CD changer with the tapping screws (M5 x 12).

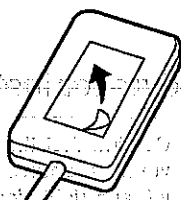


Safety Certification

This Compact Disc Player is made and tested to meet exacting safety standards. It meets FCC requirements and complies with safety performance standards of the U.S. Department of Health and Human Services.

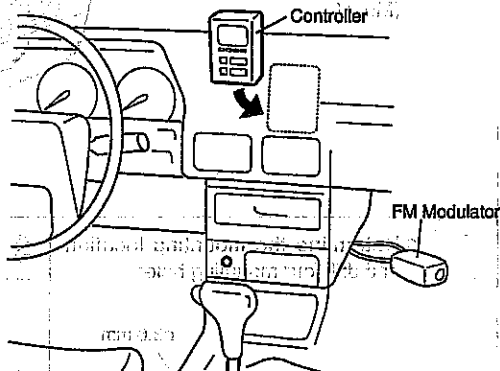
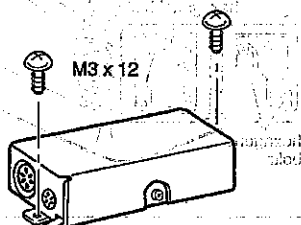
Installation of the controller:

Peel off the removable seal on the back of the controller unit and install it in a location that will not obstruct driving.



Installation of the FM Modulator:

Install the FM Modulator to the floor or other surface with the included tapping screws (M3 x 12).



ERROR DISPLAYS

■ Error Displays

If the event of a GD changer malfunction, one of the errors described below will be displayed.

Error display	Cause	Remedy
	Disc change malfunction.	Consult with dealer.
	Disc loaded upside down. Dirty disc.	Load disc properly. Clean disc.
	Rise in temperature inside car detected.	Allow the car to cool. Then press the PLAY/PAUSE button.
	Magazine has not been installed.	Install magazine.
	No discs loaded inside magazine.	Load discs into magazine.
	No discs loaded into magazine No.2.	Load discs into magazine No.2.

HANDLING THE DISCS

Dirt, dust, scratches and warpage cause sound skips during playback and a deterioration of sound quality. How to take care of your discs:



1. Use compact discs that have the mark shown on the right.
2. Fingerprints and dust should be carefully wiped off the disc's signal surface (glossy side) with a soft cloth. Unlike conventional records, the compact disc has no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight motion from the inside to the outside of the disc. Small dust particles or light stains will have absolutely no effect on reproduction quality.
3. Never use such chemicals as record sprays, antistatic sprays or fluids, benzine or thinner to clean compact discs. Such chemicals would irreparably damage the disc's plastic surface.
4. Discs should be put back in their cases after use to avoid serious scratches that could cause the sound to skip.
5. Do not expose discs to direct sunlight, high humidity, or high temperatures for extended periods of time. Long exposure to high temperatures can warp the disc.
6. Do not stick paper or write anything with a ball-point pen on the disc surface.

TROUBLESHOOTING

An error made in operation or an error during installation can be mistaken for a system malfunction. Perform the checks described below before contacting your Authorized Sanyo Service Station.

Symptom	Cause	Remedy
No power	Blown fuse.	Replace with a fuse of the same type and rating of the original. If the fuse blows again, consult with your dealer.
	Improper connection.	Check connections.
Magazine cannot be installed.	Direction in which it is inserted is wrong.	Insert it in proper direction.
CD is not played.	Disc has been loaded incorrectly.	Load disc with play side facing up. (label side facing down)
Noise is heard during playback or sound is intermittent.	Large scratches on disc or warped disc.	Compare sound with another disc. If sound from second disc is acceptable, first disc is defective.
	Extremely dirty disc.	Clean disc.
	Transit screws still in place.	Remove screws (x3) on bottom of unit and then use.
	Anti-vibration board is installed in wrong direction.	Set the anti-vibration board to the correct position (see page 12).

SANYO

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