MAZDA 6 Sedan / 5-Door



Car AV Installation Set

XE-T004

This set is designed for models with driver's seat on the right side (Japan models).

Installation Manual

Thank you very much for purchasing this Kanatechs Car AV equipment installation set. Please carefully read and follow the instructions in this manual before installation. Car owner should retain this manual for future reference.

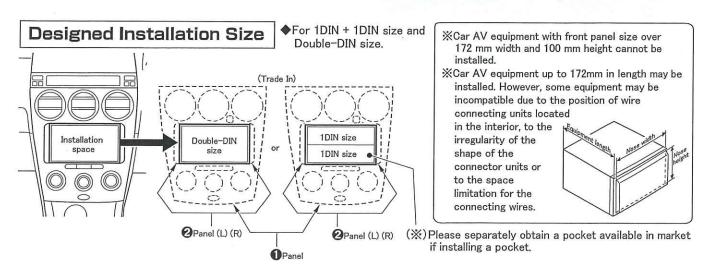
Installation of this set involves handling of electronic parts. This manual assumes that installation work is performed by a specialist with skills and knowledge. Any damage to the parts during the Caution installation or damage to electronic parts due to miswiring are not covered under the limited warranty.

Removal of the Factory car AV disables the Factory air conditioning control. However the air conditioning control box included in this set takes over the control of the air conditioning and the information-center-display.

Compatible car make and models

Model	Model Year	Compatibility	Note	
MAZDA 6 Sedan / 5-Door	May. 2002 to Jun. 2005	All Marilala	Note 1-8	
MAZDA 6 Sports Wagon	Jun. 2002 to Jun. 2005	All Models		

- Note 1. This set is compatible with the Factory DVD car navigation system but the Factory TV function is disabled as the power supply from the Factory radio is no longer available. Some features such as the operation sounds of the Factory car navigation system may become disabled.
 - 2. Car models with the BOSE sound system use a separate amplifier. Optional sound system translator for MAZDA Models TBXE-X001 is required for proper operation.
 - 3. The clock and audio display functions on the information-center-display become inoperative.
 - 4. Automatic sound Level Control (ALC) becomes disabled.
 - 5. Beep sound for air conditioning control is disabled.
 - 6. When turning the ignition, the information-center-display may flicker or be delayed.
 - 7. AMB (ambient temperature indicator) switch becomes disabled and continuously displayed on the left of the information-center-display.
 - 8. The air conditioning control buttons and the hazard switch are continuously illuminated whenever the ACC is on and the dimming function (DIMMER or DIM on the Factory car navigation system) becomes disabled.
 - *For installation, the Factory Heater Control Unit, the air duct, the Factory switch panel and the cover need to be detached and reassembled on Panel included in this set.
 - Since Factory hazard lamp switch may not be relocated, use the hazard lamp switch included in this set.
 - *For cars with remote audio control switches on the steering wheel, depending on after-market car AV equipment, enables their operation on the steering wheel. Please confirm with each car A/V maker.
 - %There are additional messages for the information-center-display included with this set. (See Page 8)



Liner Remover

Phillips driver (#1 and #2)

Socket Wrench (10mm)



XPlease use the enclosed parts according to the Instruction. Installing or using parts outside of the Instruction may

Parts List result in damaging the vehide or car AV equipment; or malfunction or dislocation of the car AV equipment.						nent.
Part No.		Part name	Quantity	Part No.	Part name	Quantity
0	Panel .		1	7	Hazard Switch/Air Conditioning Switch Circuit Board	1 set
		Ca		8	Wire clamp	1
2	Panel (L) (R)		1 each	9	Adhesive Cushion	1 Sheet
				0	Control box	1
8	Bracket (L) (R)		1 each			
				0	Power supply/front speakers/ rear speakers (24P)	1
				1	Antenna power supply conversion cord.	© 1
4	Rear Bracket		1	B	φ3×8 tapping screw	2
		0		•	M5 × 8 screw(Note 1, 3)	12
6	Rubber bushing		1	(b)	φ 5×10 tapping screw(Note 1)	- 8
6	Light Shielding Cushion		1	1	M4 × 5 screws (Note 1, 2)	2
				0	Light Shield Bushing	3

Note 1....Screw holes for co-attachment of 2Panel (L) (R) and 3Bracket (L) (R)

Note 2. "M4 × 5 screws" are used with in-dash-sliding-front-panel type AV equipment (including Double-DIN size models) where "M4 × 3screws" are enclosed in the car AV equipment. Even though the car AV equipment manual may indicate to use the shorter screws, please use 6"M4 × 5 screw" enclosed in this package to properly attach the equipment with sufficient screw length.

Note 3...Four (4) screws are used to attach Bracket (L) (R) to Panel.

Read Before Starting the Wiring Work

Caution

Warning Be sure to chock at least two wheels of the vehicle.

Be sure that the parking brake has been securely set and locked by fully depressing pedal or by pulling the parking brake hand lever.

- X Disconnect the ground terminal of the car battery before installation to prevent electrocution or any damage to equipment during the wiring work.
- X Professional skills and experience are necessary for detaching, installation, and wiring work. Improper installation may cause serious damage to the vehicle and car AV equipment. For safety, please refer installation to dealers and specialized installation shops.
- X Do not install car AV equipment at places disturbing the forward view, interfering with driving operation (steering wheel, transmission lever, and brake pedal, etc.) or causing possible danger to passengers.
- * Watch for burrs on vehicle frames etc. to avoid injury.
- * Use care during removal and installation to prevent damage to vehicle side panels or car AV panels. etc. (Example: affix vinyl or masking tape to protect delicate parts for removal and installation.)
- * Use a magnetized screw driver when working in narrow spaces. (Screw drivers can be magnetized by attaching the driver to a speaker magnet for about 60 seconds.)
- Screws and clamps removed during the detachment may be needed again for installation. Use care not to damage or misplace these parts.

Remove the Factory car radio panel assembly.

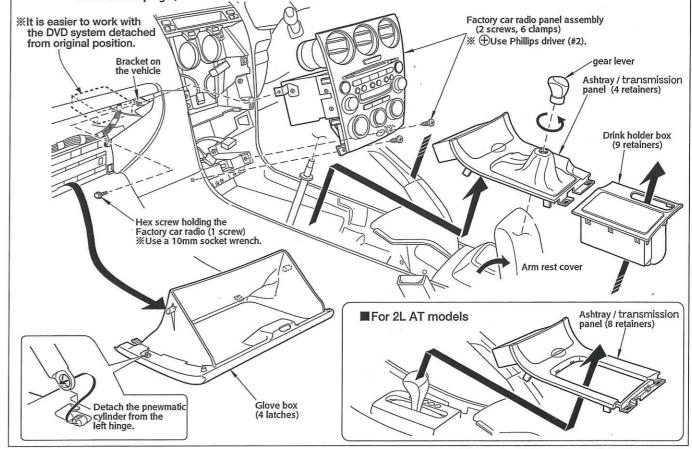
■The figure shows the manual transmission model, follow the same procedure for the activematic models.

Step 1. Remove the drink holder box after opening the arm rest cover.

Step 2. Shift the transmission lever to the N (neutral) position, turn the transmission gear lever counterclockwise and remove. Detach the ashtray / transmission panel.

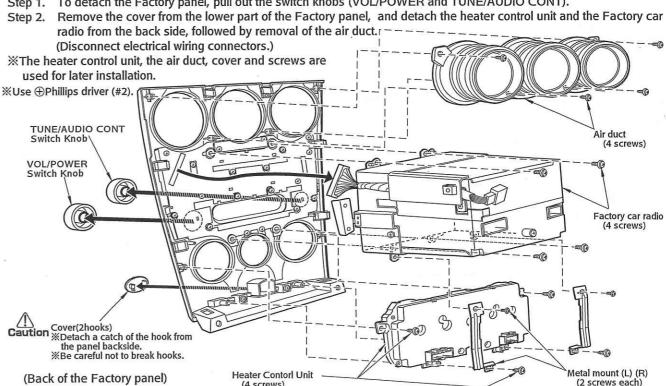
**Remove the ashtray/transmission panel on the 2L AT model cars. (Disconnect wiring connectors. ... See figure below

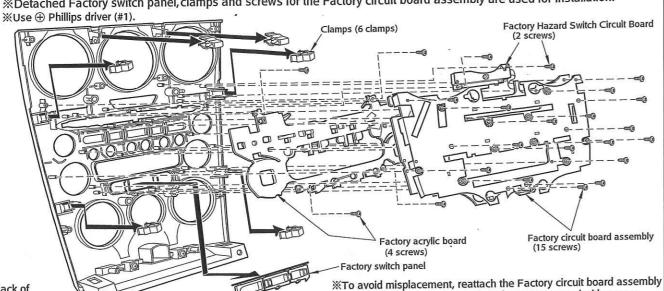
Step 3. Remove the glove box and detach the hex screw on the left of the Factory car radio. Remove the 2 screws at the bottom of the panel. Pull out the Panel assembly to disassemble. (Disconnect all wiring connectors and the antenna plugs.)



Remove the heater control unit etc. from the Factory Panel.

Step 1. To detach the Factory panel, pull out the switch knobs (VOL/POWER and TUNE/AUDIO CONT).





3

the Factory panel

(Back of

Attach the clamps and the Factory switch panel followed by the hazard switch and the air conditioning switch circuit board.

and the Factory acrylic board on the Factory panel with screws.

(figure 1) Attaching Light Shield Cushion.

circuit board assembly

(4 screws)

6 Light Shield Cushion

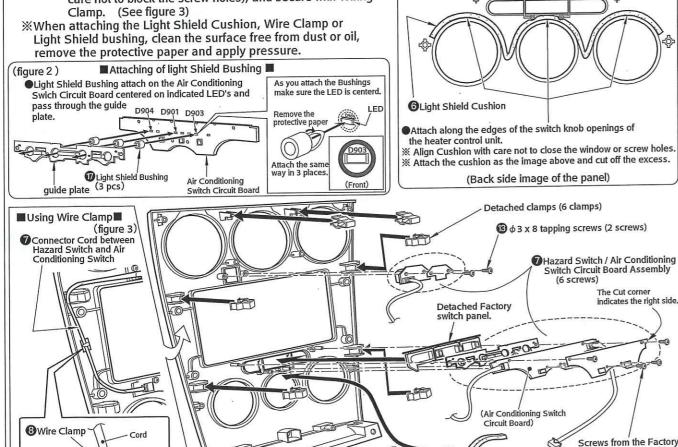
Step 1. Attach the Light Shield Cushion along top of the switch knob openings for the heater control unit. (See figure 1).

Step 2. Transfer the Factory clamps and Factory switch panel.

Step 3. On the Air Conditioning Switch Circuit Board Assembly attach the Light Shield Bushings centered on LED's.

(D904, D901, and D903) (See figure 2)

Step 4. Lay out the connector cord between the Hazard Switch and the air conditioning switch on the left side of the panel (with care not to block the screw holes), and secure with Wiring Clamp. (See figure 3)

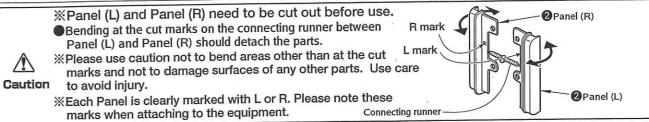


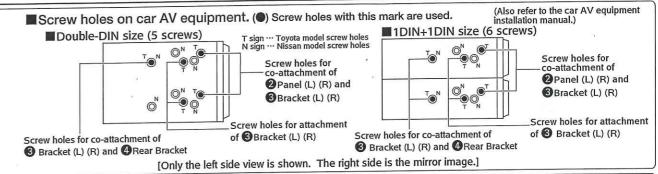
Peal off the

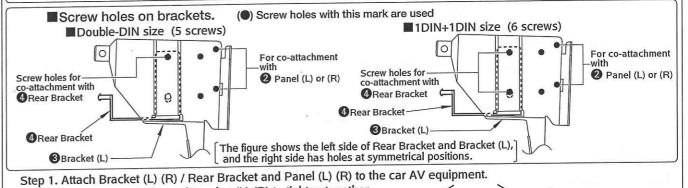
(Back view of Panel)

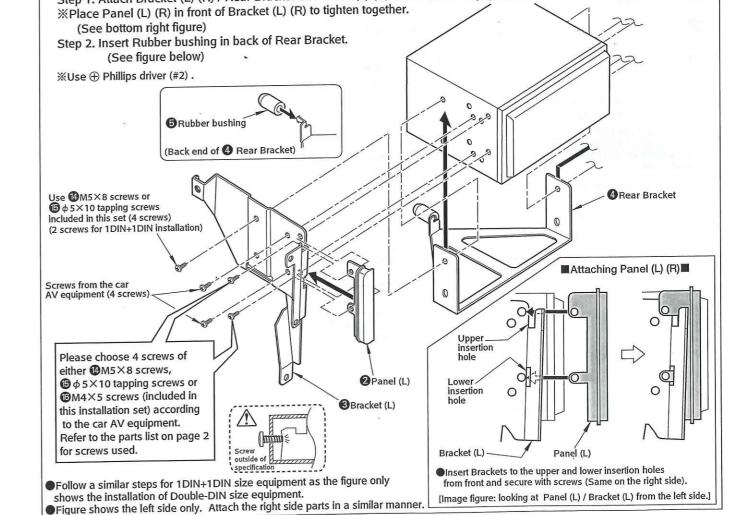


Attach Bracket (L) (R) / Rear Bracket and Panel (L) (R) to the car AV equipment.

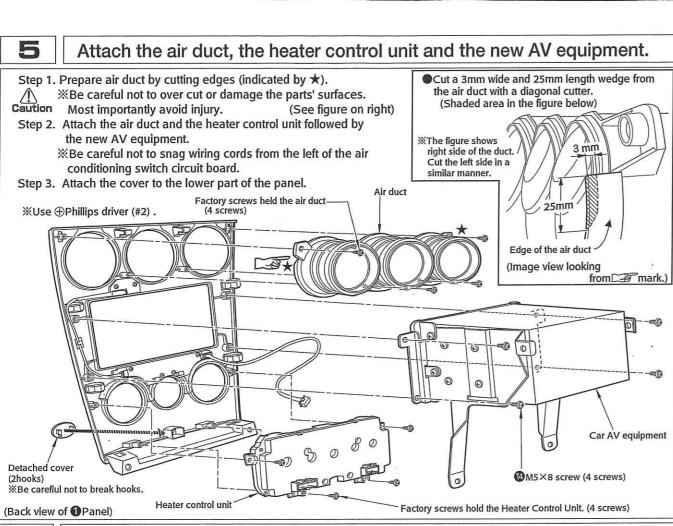






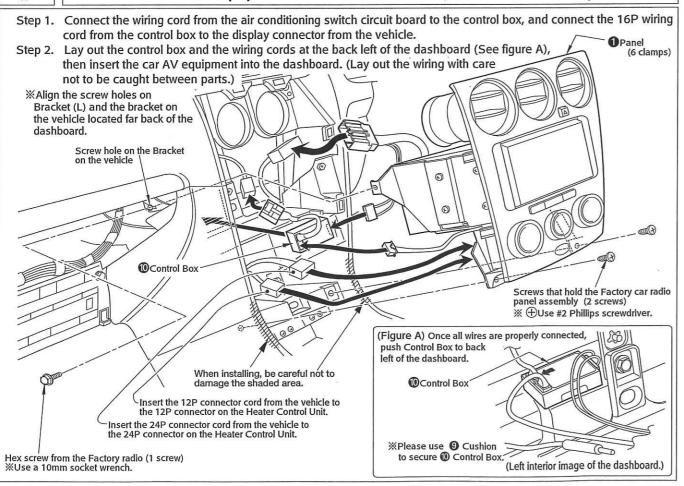


Peal off the



Connect the electrical wiring. (See page 7)

Install the car AV equipment on the dashboard, and confirm its operation.





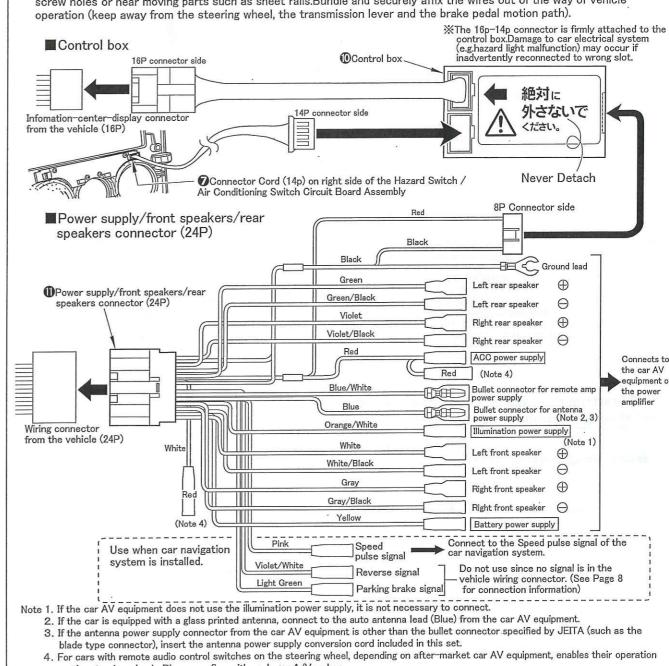
Restore parts (glove box/ashtray etc.) to their original position.

Once restored, test operation of the cigarette lighter etc.

Wiring Connections

♦ Check the following before starting the wiring work. Cautions ● Make sure that the maximum total current load (refer to the specification in the car AV equipment manual) connected to the wiring connector is 10A or less, which is the current capacity of the vehicle's radio circuit. • If the main AV unit does not include a power amplifier unit or if the vehicle's radio current capacity needs to be exceeded, use power supply cables from the car AV equipment manufacturer (a wiring kit for taking electric current directly from the While the coloring code and shapes for wires in this set follows the JEITA specification, the car AV equipment manufacturer may use another coloring specification. Please refer to the car AV equipment installation manual for proper Please fully insert electric quick connectors including the blade and bullet type connectors.

•When placing wires for installation, make sure that the wires are not caught in narrow spaces such as near body frames, screw holes or near moving parts such as sheet rails. Bundle and securely affix the wires out of the way of vehicle operation (keep away from the steering wheel, the transmission lever and the brake pedal motion path).

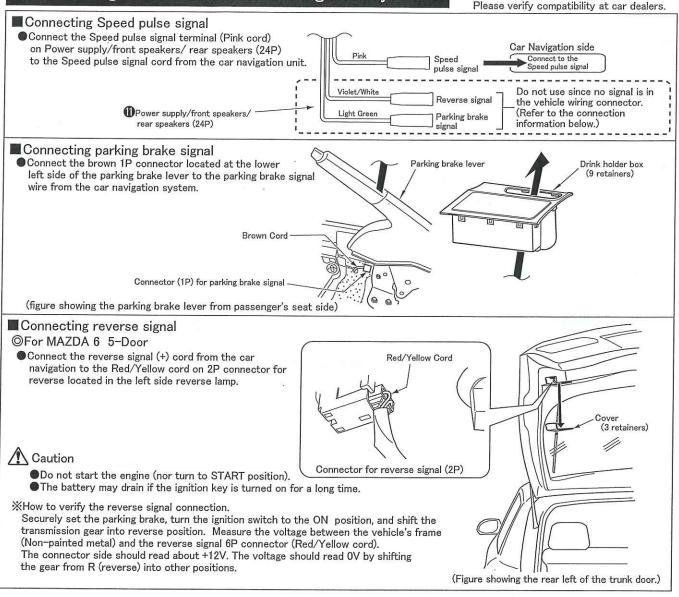


on the steering wheel. Please confirm with each car A/V maker.

*Not connected to the connector cord (16P) for cars with a genuine car navigation system. Antenna power supply conversion cord (Note 3). Blade connector Mantenna power supply conversion cord from the car AV MBullet type connector from the equipment power supply / front speakers antenna powei rear speakers (24P)

Connecting information for car navigation system

※It is possible that detail may be modified by the car manufacturer. Please verify compatibility at car dealers.



■ Start-up message on information-center-display (The following Kanatechs's original message displays in this set.)

