

# INSTALLATION / WIRE CONNECTION GUIDE

## Before Starting

1. This set is exclusively for use in cars with a negative ground 12 V power supply.
2. Read these instructions carefully.
3. **Be sure to disconnect the battery “-” terminal before starting.** This is to prevent short circuits during installation. (Figure 1)

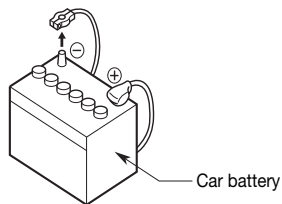


Figure 1

## Package Contents

Main unit.....	1	Warranty Card .....	1
Wiring harness.....	1	Owner's manual (CD-R) .....	1
GPS antenna .....	1	Quick Start Guide and	
Clamp for GPS antenna's cable.....	3	Installation manual.....	1
Double face tape for GPS Antenna .....	1	Electro tap .....	2
Remote control unit.....	1	Mounting Bracket key .....	2
Battery (CR2025).....	1	Flush mount bolts .....	4
(Installed in remote control)		Hexagon Head Screw .....	5
Trim ring .....	1	AV cable .....	1
Cleaning cloth.....	1	Rear radio stud and stopper .....	1

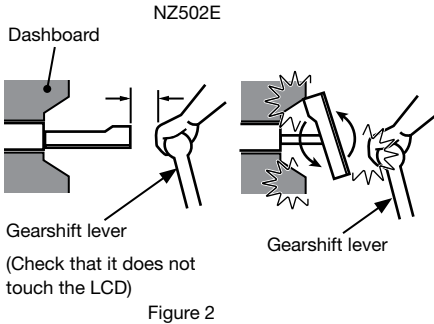
## General Cautions

1. Do not open the case. There are no user-serviceable parts inside. If you drop anything into the unit during installation, consult your dealer or an authorized Clarion service center.
2. Use a soft, dry cloth to clean the case. Never use a rough cloth, thinner, benzine, or alcohol etc. For tough dirt, apply a little cold or warm water to a soft cloth and wipe off the dirt gently.

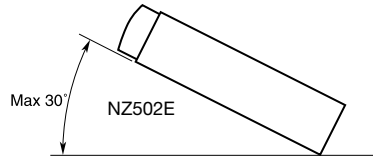
## Cautions on Installation

1. Prepare all articles necessary for installing the source unit before starting.
2. This model features an operation panel that slides forward.

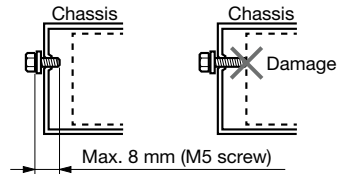
On some types of cars, the operation panel may make contact with the dashboard or gearshift lever, in which case it cannot be installed. Before installing, check that the unit will not hamper operation of the gearshift lever or obstruct your view before selecting the installation location. (Figure 2)



3. Install the unit within 30° of the horizontal plane. (Figure 3)



4. If you have to do any work on the car body, such as drilling holes, consult your car dealer beforehand.
5. Use the enclosed screws for installation. Using other screws can cause damage. (Figure 4)



## Universal Mount

1. Place the universal mounting bracket into the instrument panel, use a screwdriver to bend each stopper of the universal mounting bracket inward, then secure the stopper as shown in Figure 6.
2. Insert the main unit into the universal mounting bracket until it locks.
3. Mount the outer escutcheon so that all the hooks are locked.

**Note:**

- Some car models require special mounting kits for proper installation. Consult your Clarion dealer for details.
- Fasten the front stopper securely to prevent the main unit from coming loose.

• Console opening dimensions

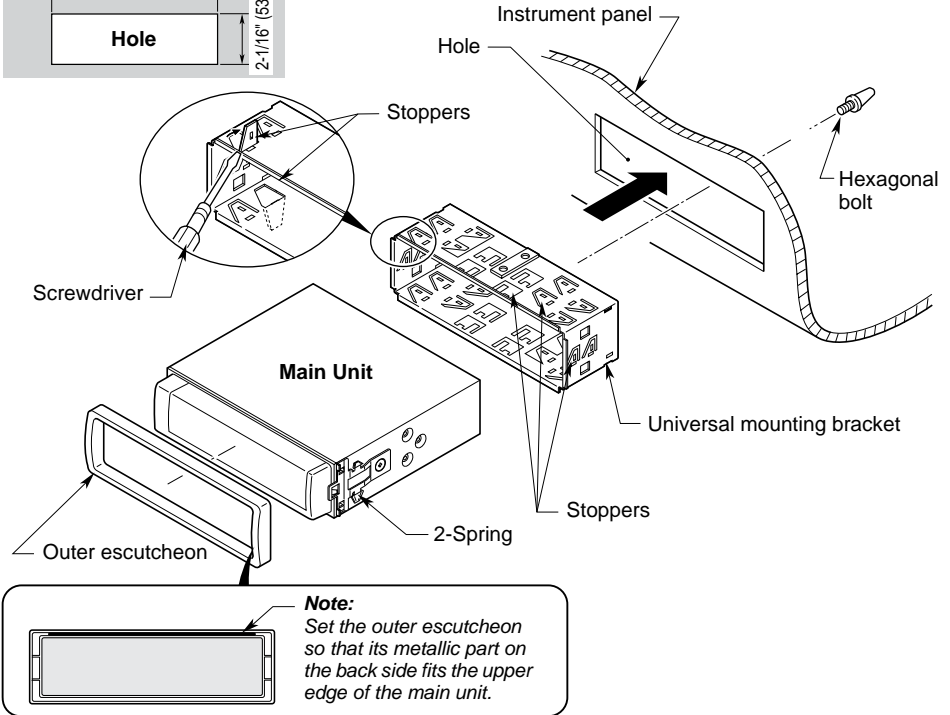
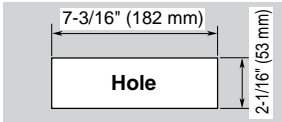


Figure 5

## Fixed Mount (TOYOTA, NISSAN and other ISO/DIN equipped vehicles)

This unit is designed for fixed installation in the dashboard.

If the vehicle is equipped with a factory-installed radio, install the main unit with the parts and screws marked (\*2). (Figure 7)

If the vehicle is not equipped with a factory-installed radio, obtain an installation kit to install the main unit in the following procedure.

1. Remove the screws from both side of the main unit. Then, at either side, lift the leaf spring until the engaging claws are released from the holes, and slide the spring to the direction of arrow to remove it. Repeat the same for the other side to remove the springs from the both sides. (Figure 6)

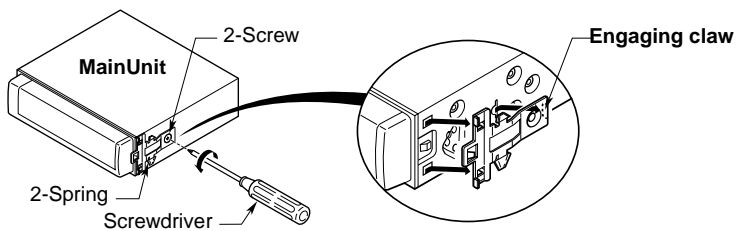


Figure 6

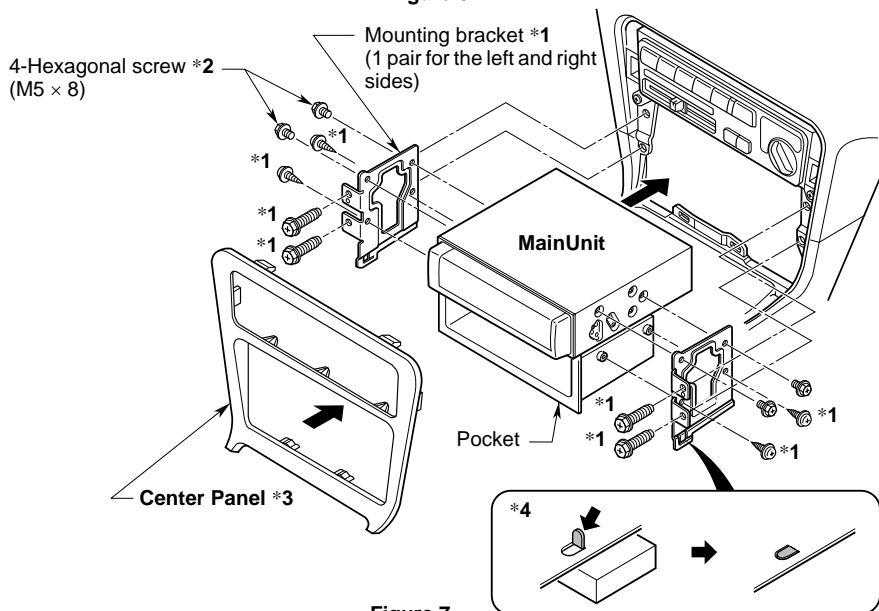


Figure 7

### Note:

\*1 The parts and screws with this mark are used to install radio or included in the installation kit.

\*2 The screws with this mark are enclosed in this set.

\*3 In some cases, the center panel may require some modification (trimming, filling, etc.).

\*4 If the hook on the installation bracket interferes with the unit, bend and flatten it with a nipper or a similar tool.

## Cautions on Wiring

1. Be sure to turn the power off before wiring.
2. Be particularly careful where you route the wires.  
Keep them well away from the engine, and exhaust pipe, etc. Heat may damage the wires.
3. If the fuse should blow, check to see if the wiring is correct.  
If a fuse is blown, replace it with a new one of the same amperage rating as the original (15A FUSE).
4. To replace the fuse, remove the old fuse on the back of the unit and insert the new one. (Figure 8)

### NOTE:

*There are various types of fuse holder. Do not let the battery side touch other metal parts.*

**⚠ CAUTION**  
**After the connection, fix the cord by a clamp or insulation tape for protection.**

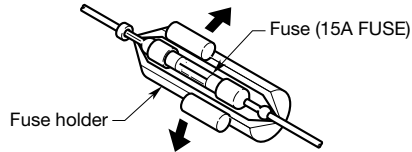


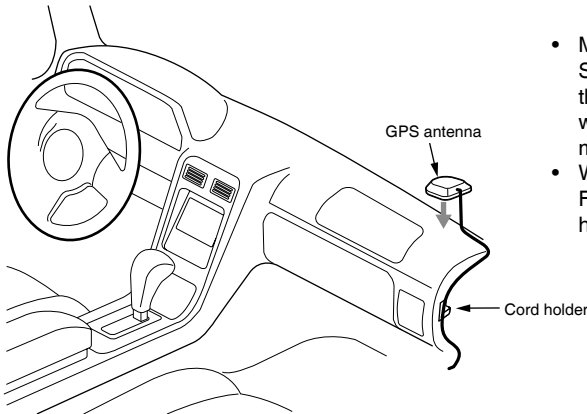
Figure 8

**⚠ WARNING**

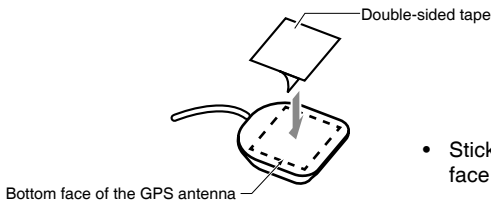
- Do not install the GPS antenna in a place where it may interfere with the operation of the airbag or hinder the driver's visual range.
- Do not use the navigation system with the GPS antenna cord cut off. The power cables in the cord may be short-circuited.

**Note:**

- The supplied GPS antenna is for installing inside the vehicle. Do not install it outside the vehicle.
- Install the GPS antenna more than 50 cm away from the main unit, other audio devices such as CD player, and a radar detector. If it is installed near these devices, GPS reception may be impaired.
- To improve the GPS signal reception, install the GPS antenna horizontally on a flat plane.
- Do not wax or paint the cover of the GPS antenna. This may reduce the performance of the GPS antenna.
- Install the GPS antenna at least 10 cm away from the windshield.
- Wipe off the dirt of the mounting surface before installing the GPS antenna.



- Mount the GPS antenna. Stick it surely on a flat plane of the passengerside dashboard where GPS signal interruption is minimized.
- Wire the GPS antenna cord. Fasten the cord using the cord holders.

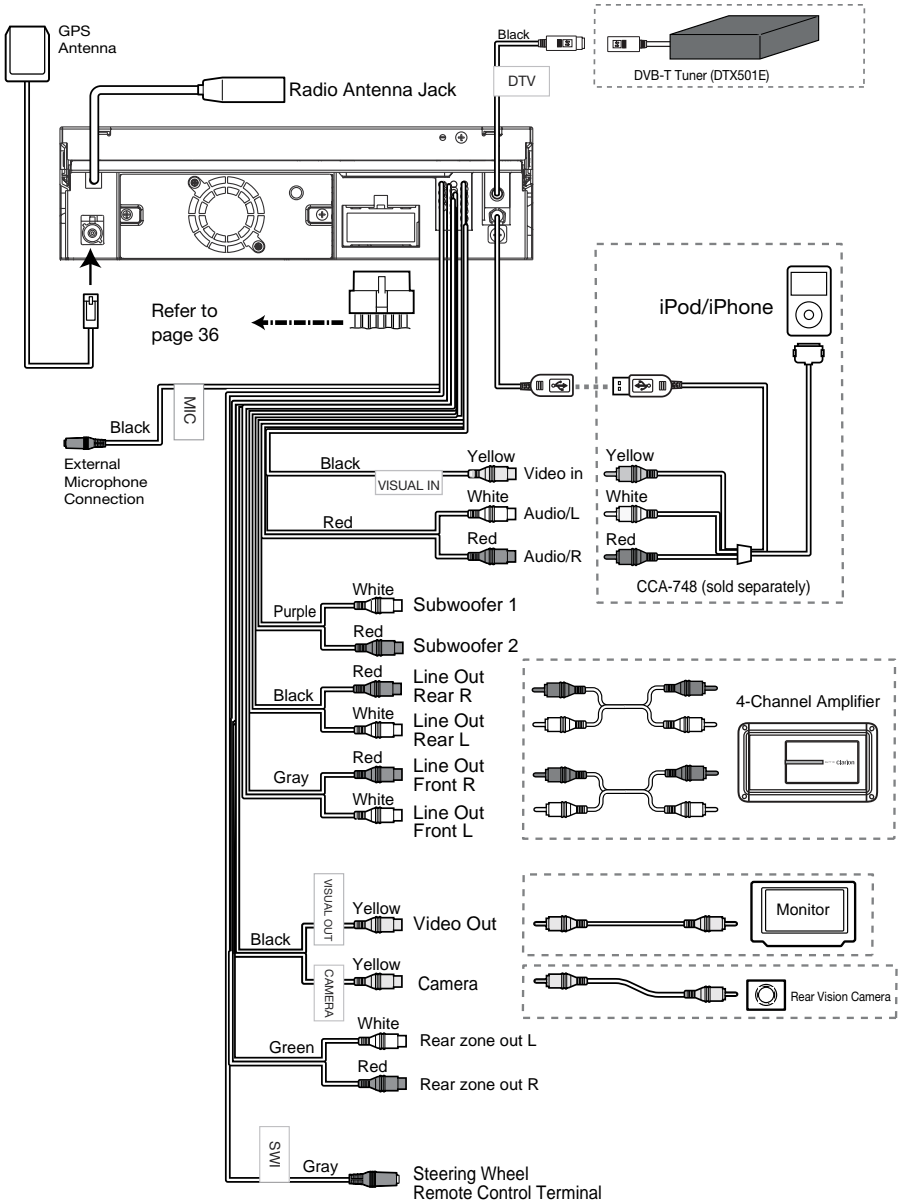


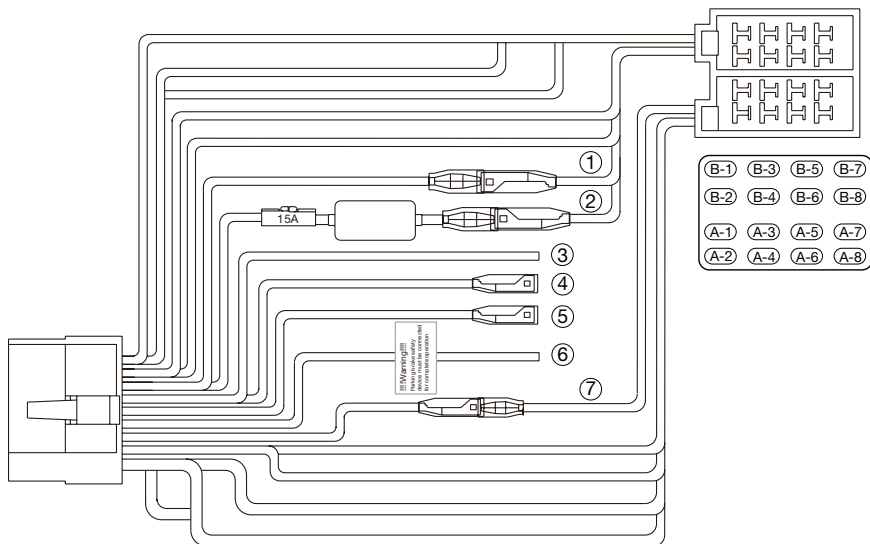
- Stick the double-sided tape to the bottom face of the GPS antenna.

# Wire Connections

**Note:**

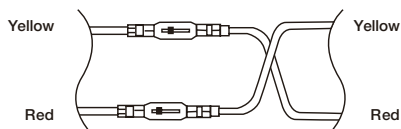
- Before installing, be sure to disconnect the negative cable of the car battery.
- In the optional devices, the RCA cables and the Connector cables are separately-sold items.





No.	Description
①	+12V accessory (Red)
②	+12V main power (Yellow)
③	Reverse (Purple/White)
④	Phone interrupt (Brown)
⑤	Remote (Blue/White)
⑥	Parking (Grass-green)
⑦	Auto antenna (Blue)

No.	Description
B-1	Rear right+
B-2	Rear right-
B-3	Front right+
B-4	Front right-
B-5	Front left+
B-6	Front left-
B-7	Rear left+
B-8	Rear left-
A-1	/
A-2	/
A-3	/
A-4	+12V main power
A-5	Auto antenna
A-6	Illumination
A-7	+12V accessory
A-8	GND



For VW and Audi: Change wiring as above

**Note:**

\*1: Connecting the PHONE INTERRUPT terminal  
 The phone interrupt will mute the audio if the lead receives a negative or ground signal.

See next page for how to connect the parking brake cord.

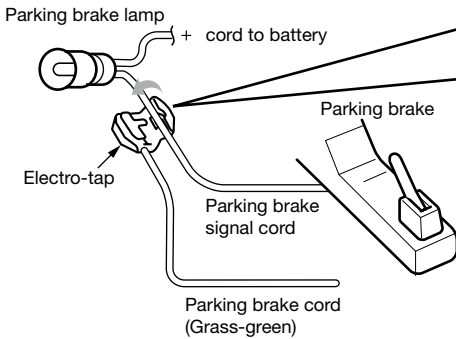


## Connecting the parking brake cord

Connect the cord to parking brake lamp ground in the meter panel.

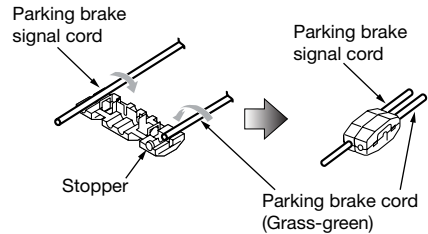
### Note:

- Connecting the parking brake cord to lamp ground allows you to watch iPod/iPhone video/DVD video/AV input when the parking brake is engaged.
- When the parking brake cord is not connected, the monitor will not show any video sources.
- If "AUDIO ONLY" appears on the screen just after turning on the ACC power of the car, release the parking brake while confirming safety, and then engage the parking brake again.



### How to attach the electro-tap

1. Place the Parking brake cord at the stopper, and fold it back in the direction of the arrow
2. Pass the Parking brake signal cord through, and fold it back in the direction of the arrow.



## Connecting the accessories

### • Connecting to the external amplifier

The external amplifiers can be connected to the 6 channel RCA output connections. Ensure that the connectors are not grounded or shorted to prevent damage to the unit.

### • Connecting to iPod/iPhone device

The iPod/iPhone device can be connected to dedicated iPod/iPhone connection on the main unit. For detailed information, refer to the instruction sheet or manual for the iPod/iPhone cable.

### Note:

- This unit may not support all functions of all iPod/iPhone devices.
- The iPod/ iPhone connection will charge your iPod/iPhone unless the iPod/iPhone battery is completely depleted. If the specified cord of the cellular phone is connected to the phone interrupt cord of the main unit, the audio mute is activated when cellular phone is in use.