

Owner's Manual

AN-90XM



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Installation

Note:

- Before finally installing the unit, connect the wiring temporarily, making sure it is all connected up properly, and the unit and the system work properly.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications to the vehicle.
- Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
- Install the antenna on as flat a place as possible.
- Do not paint the antenna, as this may affect its performance.
- Do not remove the rubber sheet from the antenna bracket.
- Do not place things such as magnetic cards close to the antenna because its magnet is strong.
- The antenna may be less sensitive when it is snowing.
- When installing the antenna with the antenna bracket, be careful to tighten the screws firmly. After installing, recheck every once in a while that all screws are tight.
- When installing the antenna with magnet, be careful not to scratch the vehicle body.
- When you use the antenna installed with magnet, detach the antenna and put it inside the vehicle every time before entering a car wash system. If it is left on the outside it may be knocked off and scratch the vehicle body.

Installing the Antenna Unit

Installation using the magnet of antenna (Fig. 1)

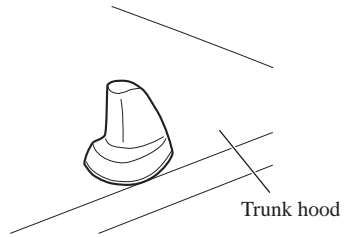


Fig. 1

Installation using the antenna bracket

1. Install the antenna bracket. (Fig. 2)

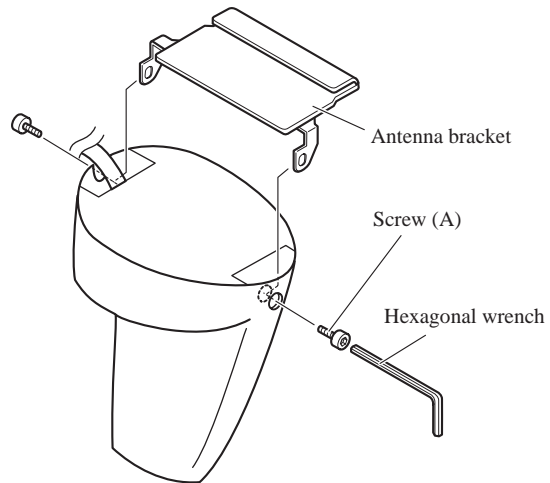


Fig. 2

2. Mount the antenna unit. (Fig. 3)

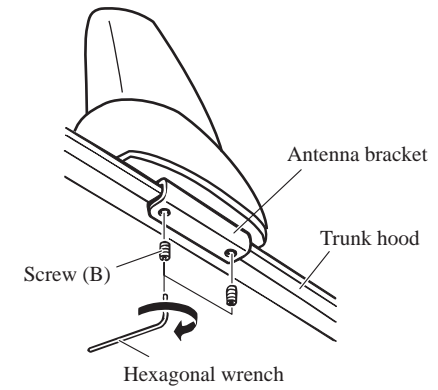


Fig. 3

Route the antenna cable (Fig. 4)

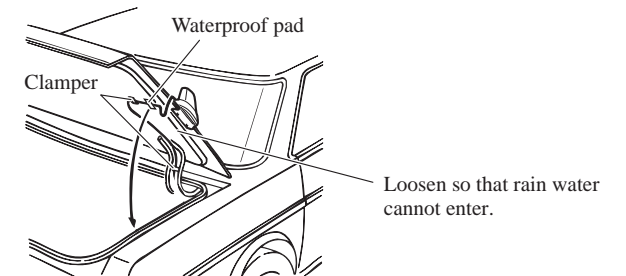


Fig. 4

Note:

- Secure the antenna cable with the supplied clamber where required.

Connecting the Units

Note:

- Secure the wiring with cable clamps or adhesive tape. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.
- Route and secure all wiring so it cannot touch any moving parts, such as the gear shift, handbrake and seat rails. Do not route wiring in places that get hot, such as near the heater outlet. If the insulation of the wiring melts or gets torn, there is a danger of the wiring short-circuiting to the vehicle body.

Connection Diagram

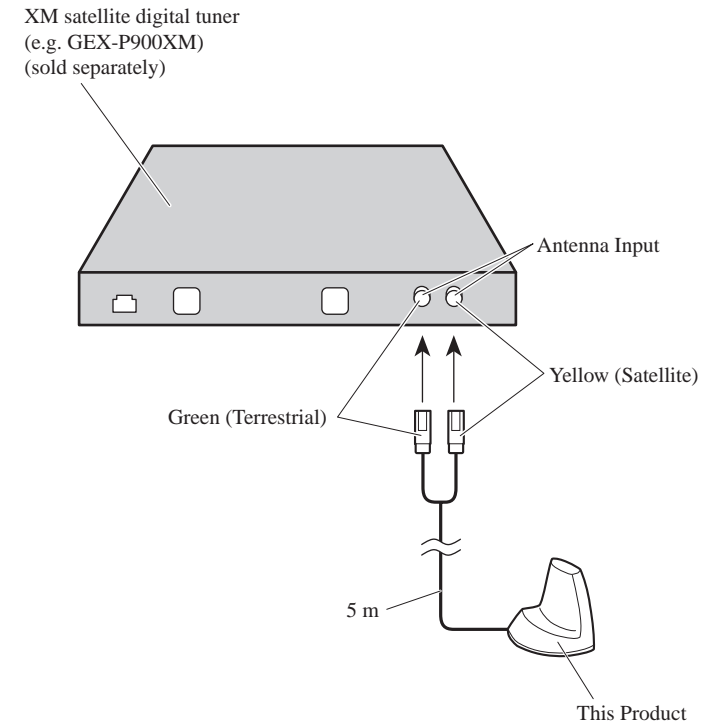


Fig. 5

Specifications

| | |
|---|--|
| Power source (Provided by the satellite line) | 4.7 V DC (3.6 – 5.5 V allowable) |
| Max. current consumption | 0.1 A |
| Type | Active type |
| Dimensions | |
| Base | 79 (W) × 102 (H) × 93 (D) mm [3-1/8 (W) × 4 (H) × 3-5/8 (D) in] |
| Cord | 5 m |
| Weight | 0.3 kg (0.7 lbs) |

Note:

- Specifications and the design are subject to possible modification without notice due to improvements.