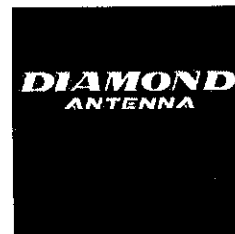


11m BAND High Performance Mobile Whip Antenna With Omni-directional Tilttable Whip Element Structure.

CR-11

OPERATION INSTRUCTIONS



Description

1. The antenna employs Teflon coated wire for impedance matching section to achieve low matching loss and high power rating.
2. Omni-directional tilttable whip structure permits the antenna to be tilted for any direction with a touch of your finger. And it eliminates troublesome antenna detachment when your car is parked in the garage.
3. 17-7PH Stainless steel tapered element is employed to obtain maximum recoveribility and to avoid causing undesirable element vibration.
4. The antenna is designed to go well with the shape of contemporary car design.

Specifications

Frequency	: 26-28 MHz
Gain	: 0 dB
Max. power rating	: 200 W
Impedance	: 50 ohms
VSWR	: Less than 1.5:1
Length	: 1.65 m(64.9")
Weight	: 360 g(0.8 lbs.)
Connector	: UHF male
Type	: 1/4 wave mobile whip antenna

Adjustment

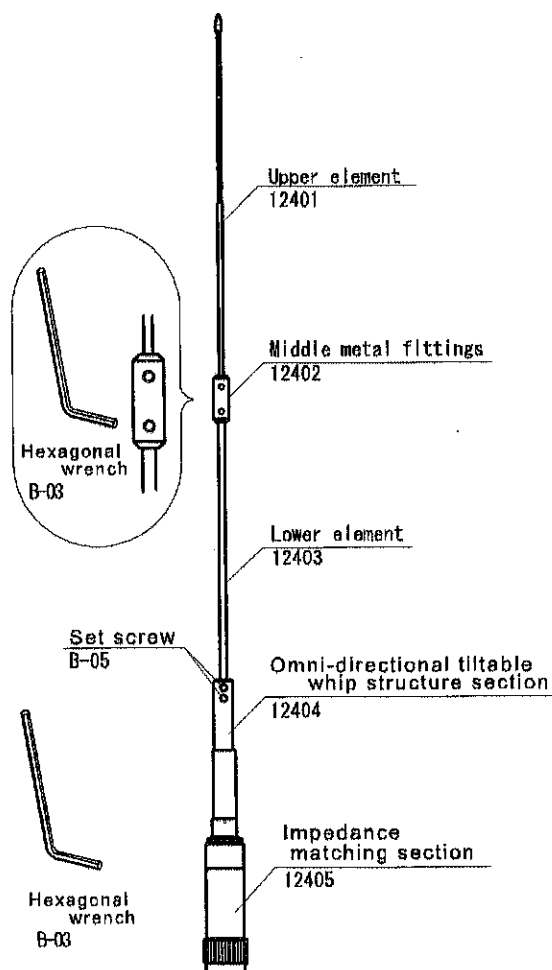
If frequency coverage of the antenna has to be shifted, the antenna can be realigned by putting whip element in and out from the tilttable whip section. In order to align the antenna, loosen two set screws at the top of the tilttable whip section by hexagonal wrench attached and put the element in and out to have lowest swr at desired frequency. Be sure to fasten two set screws firmly after adjustment.



Caution;

1. If the antenna has to be tilted in order to park the car in a garage, pull the antenna up at tilttable whip section and incline it for desired direction. Be sure not to drive the car with the antenna tilted.
2. A car body is used as the earth for the antenna. If the car body and the antenna base are not conducted, VSWR may not decrease. Install the antenna after confirming the conduction between the car body and the antenna base. Also, VSWR may not decrease, depending on the installation, when the antenna element is close to the car body or another antenna.

Part name (number)



DIAMOND ANTENNA CORPORATION

Miyata Building, No. 15-1,1-chome Sugamo, Toshima-ku Tokyo, Japan. 170-0002 TEL.03-3947-1411 FAX.03-3944-2981
<http://www.diamond-ant.co.jp>