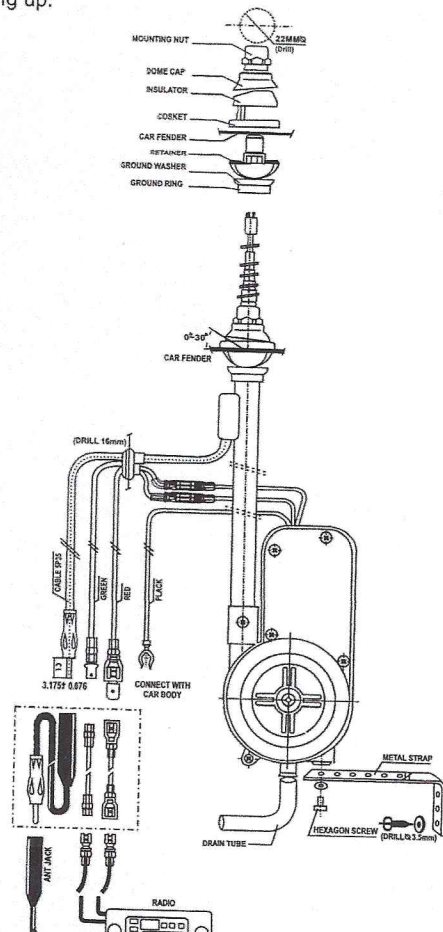
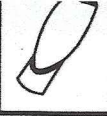

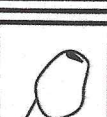

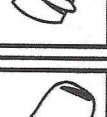





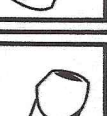


1. Use original factory hole or select a location on the front or back fender of car for mounting antenna. After selecting the location for installation, make sure the underside of the fender is free of any obstruction such as weld beads, braces, gussets and sub-fender. Also, be sure that sufficient clearance is available under the fender to house the antenna, approximately 11 1/2 inches or 29cm.
2. Remove the installed mounting base from the new antenna.
3. Drill a 1/8" / 3mm pilot hole, then enlarge the pilot hole to 1" / 25mm using a drill bit.
4. Remove all burrs, paint, road dirt or undercoating from around the underside of the hole.
5. Install the antenna from the underside of the fender and assemble the base above the fender. **Make sure that the retainer rests evenly on the under side of the fender to prevent any possible damage to the vehicle.** Align the mast vertically by slightly tightening the antenna mounting nut while adjusting the mast to make it vertical.
6. To prevent movement and maintain the desired angle, secure the bottom of the motor assembly with the supplied perforated strap. Holes are provided with the strap to accommodate various mounting positions. It may be necessary to bend the strap so that it will fit onto the antenna and car properly. Make sure that the antenna retainer is grounded to the underside of the fender and the black ground wire is grounded correctly to the vehicle chassis. If the retainer and ground wire are not properly grounded then **the antenna will fail to operate.**
7. With the bottom of the antenna assembly secured and the mast at the desired angle and the retainer resting evenly on the underside of the fender, tighten the mounting nut firmly to secure the entire antenna assembly. **Do not tighten the nut excessively as this may strip or break the mounting threads.**
8. Attach the drain tube to the bottom of the motor assembly and route to the outside of the car. Avoid any kinks or bends in the tube that may restrict drainage.
9. Once the main installation is complete you can start to route the electrical wiring and coaxial cable into the dash area of the vehicle: You may need a 5/8" / 16mm hole drilled in the interior panel when routing the wires and cable from the front fender. If possible, avoid routing the coaxial cable into the engine compartment. The electrical noise found in this area may be transmitted into the antenna wiring.
10. Now that all the wires have been routed to the interior of the vehicle you can now start connecting them. Connect the red wire to a positive power source (+) with a 5 amp in-line fuse (not supplied).
11. Connect the thin black wire to negative ground (-) if not already connected during the installation of the antenna to a suitable point on the chassis or to the negative terminal of the battery. **Please note that without correct grounding the antenna will fail to operate.**
12. Connect the green wire from the antenna to the remote switch wire of the radio (normally blue) and connect the coaxial cable from the antenna to the radio.
13. The installation is now complete. Please be sure that there is enough room for the antenna to fully extend before powering up.



	ALL VW	68°
	MERCEDES W123	20°
	MERCEDES W180 SEAOESC	50°
	MERCEDES W190	38°
	MERCEDES 200/300 W124	48°
	MERCEDES W201 190	38.5°
	MERCEDES 200/300 W124	52.5°
	OPEL ASTRA HATCHBACK	62°
	OPEL VECTRA	52°
	OPEL ASTRA	26°
	LANCIA- AUDI ALFA ROMEO MERCEDES- 190	26°

IMPORTANT NOTES:

1. Maintenance: For best operation and reception periodically clean mast while mast is fully extended with a damp cloth, approximately once a month. Do not oil or grease antenna or motor assembly.

2. This power antenna is designed to withstand extremely cold temperatures, but under severe icy conditions the antenna could fail to extend or retract. Should this occur, turn the radio on and off three or four times. This should help free the antenna mast. The antenna motor will not be damaged if the mast does not extend, A special clutch protects the motor from possible damage.

3. Remember to retract antenna when entering a car wash, garage or other clearance areas.

4. There are no serviceable parts in the motor assembly and it should not be taken apart. Warranty will be void if damage is caused by unauthorized accessories, disassembly or for wiring this unit in ways other than those recommended.

5. Periodically inspect drain tube for blockage or kinks.

6. Always use a 5 amp in-line fuse (not supplied) with the antenna. This will help avoid damaging the motor. Should you need to replace the fuse, use one of the same rating and type.