

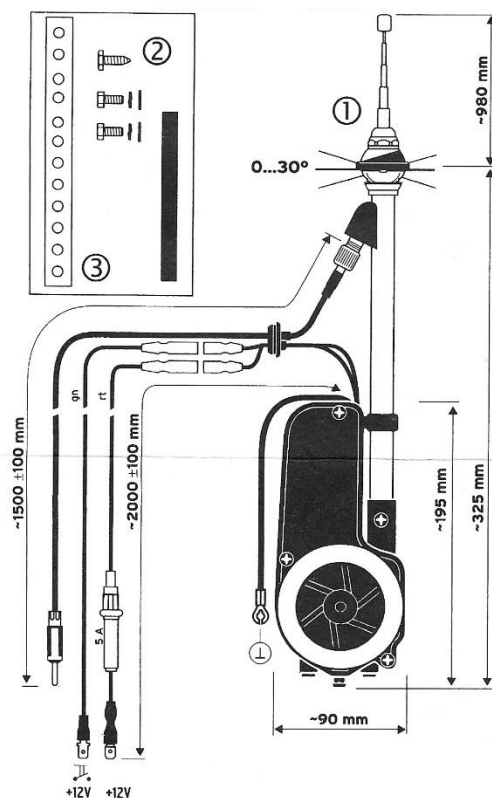
Flying Spares

INSTALLATION INSTRUCTIONS FOR AERIAL & BRACKETS KIT (RH3427P)

Einbauanleitung Automatic-Antenne

Mounting instructions
Automatic-Antenna

Instruction de montage
Antenne automatique



Leitungsfarben
Leads-colour
Couleurs de conduites
rt: rot / red / rouge
sw: schwarz / black / noir
gn: grün / green / vert

Lieferumfang:

- ① Antenne mit Antennenkopf 0 ... 30°
HF-Kabel, elektrische Leitungen und Kabeltülle
- ② Polybeutel mit Schlauch, 2x M5-Schraube, 2x Federring, 2x Scheibe und Blechschraube
- ③ Halter

Designation

- ① Automatic antenna with antenna base 0 ... 30°
HF-cable, electric cables and cable sleeve
- ② Plastic bag with drain tube, 2x M5-screw, 2x spring washer, 2x lock washer and screw
- ③ Bracket

Volume de livraison:

- ① Antenne automatique avec tête d'antenne 0 ... 30°,
le cable HF, cables électriques et le passe-câble
- ② Sachet plastique avec tuyau, 2x vis M5, 2x bague à ressort, 2x disque et vis Parker
- ③ Support

Betriebsspannung

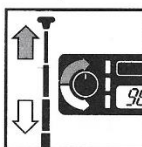
10 ... 16 VDC

Operating voltage

10 ... 16 VDC

Tension de service

10 ... 16 VDC



Automatic-Antenne:

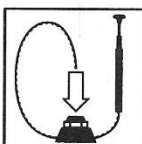
Radio einschalten - Antenne fährt aus.
Radio ausschalten - Antenne fährt ein.

Automatic Antenna:

Switch radio on - antenna will extend.
Switch radio off - antenna will retract.

Antenne automatique:

Mettre en marche la radio - l'antenne sort.
Arrêter la radio - l'antenne rentre.



Einfacher Teleskopwechsel ohne Ausbau der Antenne möglich.

Easy telescope exchange possible without antenna removal.

Possibilité d'échanger simplement le télescope sans démonter l'antenne.

Antenna installation

- This antenna is available only for cars operated by 12 VDC battery voltage and with battery Minus connected to the car body.
- The antenna is predominantly dedicated for installation in the front fender. The installation spot must be protected against splash water.

The installation recommendations for some car types you can find in the following table pages.

- Disconnect battery minus for security, according to the instructions of the manufacturer of the cars (fig. 1).
- Drill a Ø 19-22 mm dia. hole in the car body at the installation point. At that spot the inclination of the car body must not exceed 30° (fig. 2).
- Please bare the body sheet underneath around the hole and cover it with protecting grease. Thus a satisfactory ground connection for the aerial cable screening and protection against corrosion is ensured.
- Remove the upper parts from the antenna (fig. 3, ①). Put on the drain tube to the motor housing (fig. 3, ②).
- Tighten the antenna cable at the neck-part manually (fig. 3, ③).
- Insert the antenna from underneath into the hole. Please see that the lower spherical half has full contact around the hole (fig. 3, ①).
- Slide the sealing washer and the upper spherical half over the telescope and take care the upper spherical half coincides with the lower spherical half (fig. 3, ①).
- Put on the adapting cover and the hexagonal nut. Tighten the hexagonal nut slightly (fig. 3, ①).
- Drive out the telescope and adjust the antenna to the desired direction and inclination (fig. 4). For driving out the red and green cable must be connected to plus and the black cable to minus of the 12 V battery.
- If necessary bend the bracket, screw it to the motor housing of the antenna by use of the splash shield or a brace (fig. 3, ④ and fig. 5).
- Tighten now the hexagonal nut by means of a socket wrench (Torque max 4 Nm).
- Pass the HF-cable, the red and green motor cables to the inside of the car.
- Drill a hole into the car body for the grommet (Ø 16 mm) and insert the grommet for sealing (fig. 3, ⑤).

Connecting the cables:

- Connect the **black cable** (sw) to minus (ground), e.g. under screw at the bracket (fig. 3, ④ and fig. 5).
- Connect the **red cable** (rt) to a terminal having a direct lead to battery plus (5 A fuse, e.g. clamp 30 at the car fuses or at the light switch), (fig. 3, ⑥).
- Pass the **green control cable** (gn) and the antenna cable to the installation place of the car radio and connect them (fig. 3, ⑦).

- After completion of installation reconnect battery. If connected properly, the antenna extends when switching on the radio and retracts when switching off.

- Replace linings being removed for installation.

Maintenance

Please clean the telescope as often as possible of adhering dust and dirt. Use only a little of our special grease AUTA 235 supplied in tubes or our car antenna tissue AUTA 135 for both cleaning and greasing.

After cleaning don't forget, finally, to rub dry the telescope with a clean cloth, otherwise some dirt could gather all the quick to remaining grease.

Right of modification reserved.

Normal Use:

This product is exclusively designed for the installation in vehicles and serve for the emission and reception of radio signals in each defined frequency range.

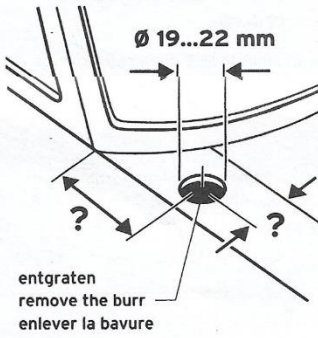


Fig.1

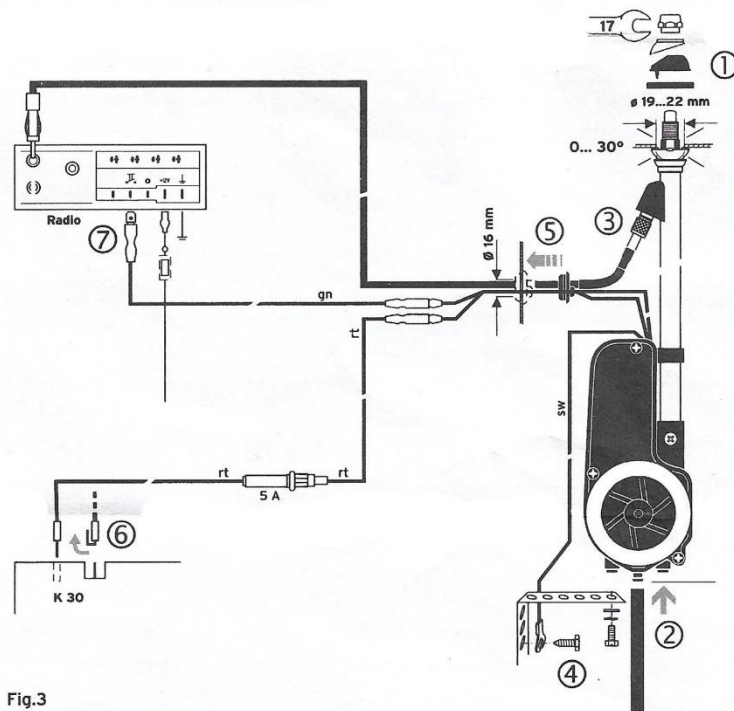


Fig.3

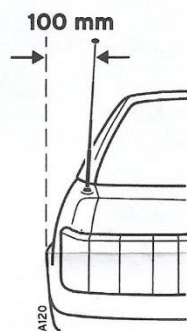


Fig.4

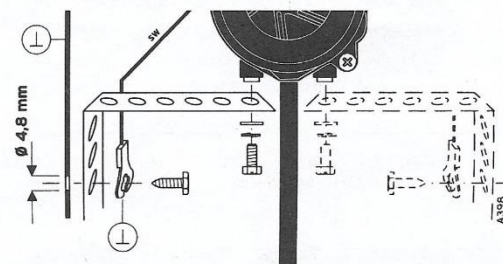


Fig.5