

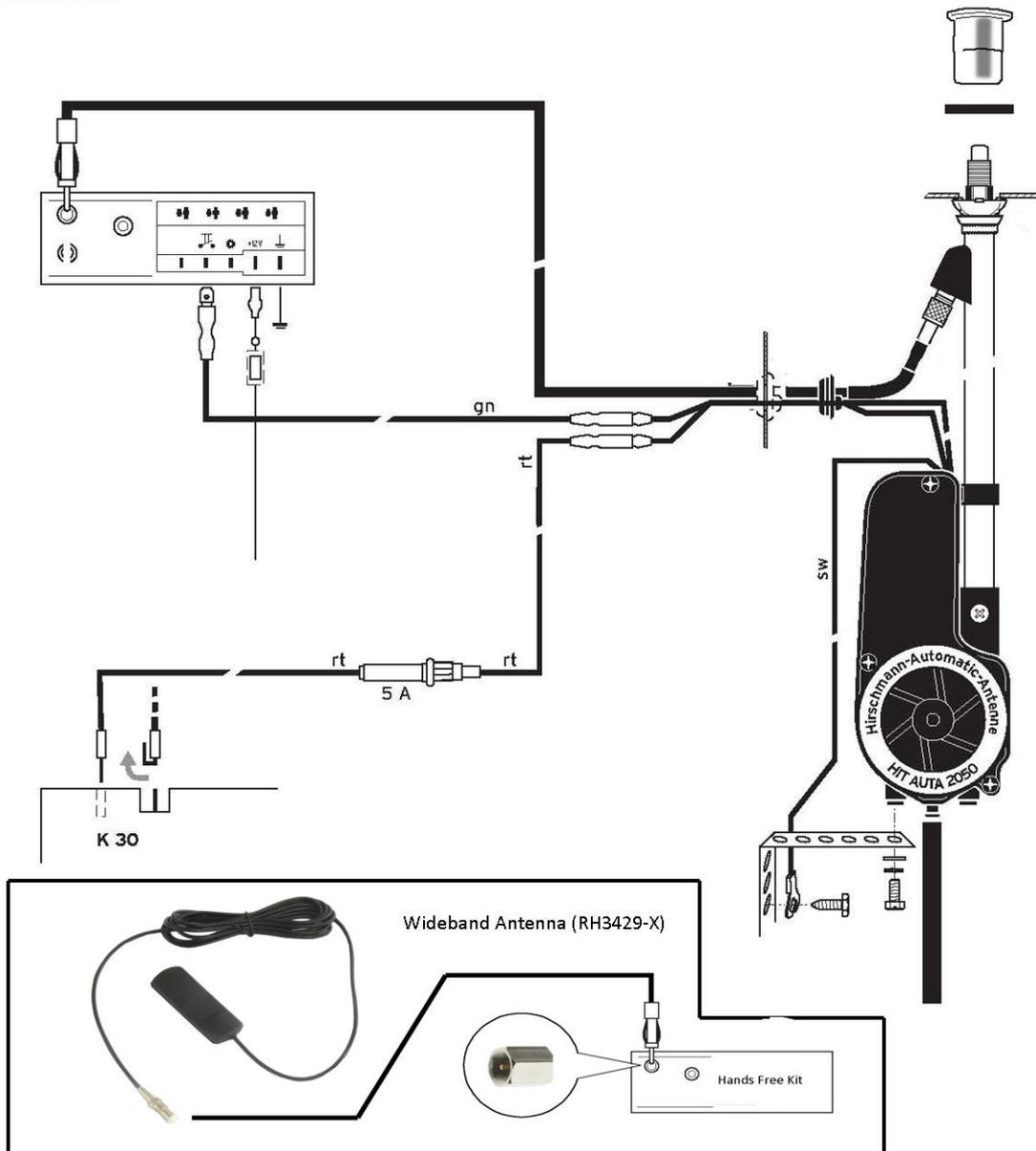


## Installation Instructions for RH3427-X & RH3429-X Aerial Kits

Prestige Parts aerial kits utilise a high quality automatic aerial with additional fittings and crown nut to ensure an appearance identical to the original aerial originally supplied by Rolls-Royce Motorcars. This aerial benefits from a replaceable mast should it become damaged.

Also supplied (RH3429-X only) is an auxiliary wideband antenna to facilitate data transfer via any Hands-Free kit fitted to the vehicle.

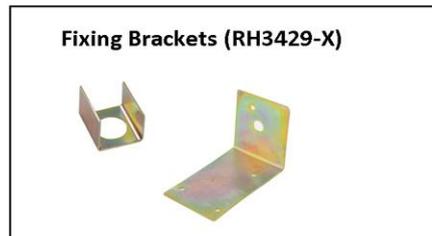
### Installation



Fixing Brackets (RH3427-X)



Fixing Brackets (RH3429-X)



1) Disconnect the negative (-) or black pole of the battery.

2) Remove and discard the top fixings. You will use the original style crown nut supplied:

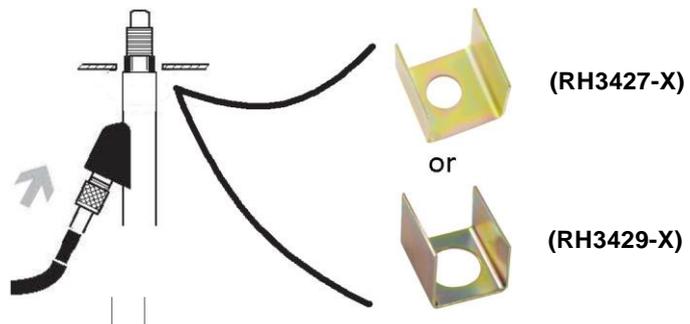


3) You may use or discard the fixings beneath the crown nut at your discretion. It is only important to ensure that the aerial is securely clamped at top and bottom.

4) Fit the drain tube to the bottom of the motor housing:



5) Fit the aerial cable at the aerial shaft:

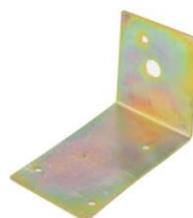


6) Place the yellow clamping "U" bracket over the mast tube and slide the aerial into the hole in the wing/fender from underneath. Replace the seal and loosely clamp the original style crown nut onto the thread at the top of the mast tube, tightening the crown nut until it begins to clamp against the "U" bracket. Please note: if the seal is in poor condition it should be replaced to prevent water ingress.

7) Using the appropriate yellow "L" bracket, loosely fit the base of the motor to the vehicle.



(RH3427-X)



(RH3429-X)

8) Drive out the antenna to check the inclination of the antenna mast. To do so, connect the red and green cable to the positive (+) battery terminal and the black cable to the negative (-) battery terminal.

9) When the antenna is at the correct inclination, tighten upper and lower fixings so that the aerial is securely fastened, and water cannot leak past the seal.

### **Connecting the cables (for diagram, refer to page 1):**

10) Connect the **black cable (sw)** to earth.

11) Connect the **red cable (rt)** a live feed from the battery.

12) Connect the **green control cable (gn)** to the radio control or, if the car is an early model where the antenna is controlled by a switch, connect to the aerial switch. Please note that it is common for the switch to be bypassed if a modern radio has been fitted.

13) Reconnect the battery.

If the installation is correct, the antenna will extend when the radio is switched on and retract when it is switched off. In the case of cars with a functioning aerial switch, the extension and retraction of the antenna will work from the switch.

### **Fitting the Wideband Antenna (RH3429-X only)**

The wideband antenna has a self-adhesive backing and 2.5m cable to facilitate fitting in a convenient location. It operates with any existing Hands-Free kit in the vehicle, enabling improved upload/download speeds while on the move. The wideband antenna is a subsidiary aerial for receiving and transmitting across frequencies of 698 MHz to 2700 MHz.

14) Select a suitable location for the antenna that is discreet and allows you to route the cable to the Hands-Free Kit. The antenna must be mounted on a non-metallic surface.

15) Connect the wideband antenna to the appropriate port on the Hands-Free kit (see page 1).

16) Connect your device (laptop/tablet, etc.) to the Hands-Free kit via bluetooth as normal.

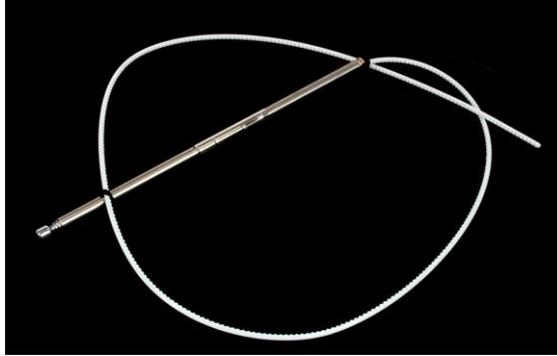
### **Maintenance**

Aerials commonly fail because of dirt and foreign matter collecting on the antenna. We recommend the use of aerial wipes AUTA135-X periodically (at least once every six months for cars used infrequently, or after every wash if you use your Rolls-Royce or Bentley often). The wipes both clean and lubricate the antenna, removing unnecessary friction from the operation and preventing strain on the motor.



Wipes are available under part number [AUTA135-X](https://www.intocar.co.uk/cleaning-tissue-aerial-mast-p50772) (<https://www.intocar.co.uk/cleaning-tissue-aerial-mast-p50772>).

Do not operate the aerial or radio if the mast is bent or damaged, as this will cause damage to the mechanism and require replacement of the whole aerial assembly. *Prestige Parts* aerials feature replaceable masts:



The mast is available under part number [820764011-X](https://www.introcar.co.uk/aeria1-mast-p50769) (<https://www.introcar.co.uk/aeria1-mast-p50769>).