



TECHNICAL BULLETIN

SUBJECT-

Three Piece Whip AerialFender Mounting TypePart No. M126

Complaints have been received that the efficiency of this type of aerial is being impaired due to the mechanical construction allowing moisture or water to enter the internal sections.

This defect has been overcome by the re-design of several sections of the aerial which have proved highly satisfactory under immersion tests.

The present production of this type of aerial incorporates the re-designed sections. These are distinguishable from the previous production aerials by the rubber cap which on the improved aerial has a closely fitting rubber shank half an inch long.

The following alterations to the old type aerials are necessary to prevent water penetration.

1. Disconnect the aerial lead-in from the receiver, disassemble the aerial from the car and remove the lead-in from the base of the aerial.
2. With the special tool provided unscrew the slotted nut inside the threaded brass section of the aerial base. This will allow the telescopic aerial rods to be pulled out of the base section.
3. Prise off the $1\frac{1}{2}$ " bakelite tube from the aerial tube.
4. Fully extend aerial.
5. Measure the distance the brass inner rod protrudes from the plated aerial tube at the staked end.
6. Saw off 2 inches of the plated aerial tube at the staked end.
7. Fit small rubber plug Part No. 24/632 inside large aerial tube and refit brass inner rod first removing from it the sawn off 2" of staked aerial tube.
8. Stake the rod and tube together with a centre punch making sure that the same length of brass inner rod protrudes from the plated aerial tube as was measured in (Para. 5). The centre punch marks should correspond with the grooves in the brass inner rod.
9. Refit the $1\frac{1}{2}$ " bakelite tube over the staked section.
10. Fully retract telescopic aerial rods and refit to aerial base. The small $\frac{1}{4}$ "x7/16" Erinoid rod insulator in the aerial base must be replaced with the improved type Part No. 9/632.
11. Remove mount bracket and nut from aerial base, apply "Perfection" Cement No. 49 to threaded brass section of aerial base then refit mount bracket and nut.
12. Refit aerial lead-in and water spray cover and apply "Perfection" Cement No. 49 around edges of spray cover at aerial base.
13. Remount aerial to the car replacing the rubber cap on the aerial rod with the close fitting type rubber cap Part No. 21/632. The small plastic knob on the top of the aerial can be prised off to replace this rubber cap.